STUDY NO. 00-4208
SPONSOR STUDY NO. 211-MTBE-2G

GASOLINE MTBE VAPOR CONDENSATE

A TWO-GENERATION WHOLE-BODY INHALATION REPRODUCTION

TOXICITY STUDY IN RATS

Final Report

Volume II of IV

Submitted to: American Petroleum Institute (API)
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APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1051	155	214	254	288	325	357	375	394	417	441	449	459	465	477	492	497
1052	164	224	268	315	358	368	399	421	443	456	465	477	480	498	506	512
1053	141	198	233	282	324	354	383	404	431	450	466	474	486	506	512	524
1054	150	218	271	322	371	400	427	456	478	506	512	526	533	544	546	549
1055	155	222	273	325	363	385	410	430	441	455	465	467	478	489	501	499
1056	151	209	260	309	349	372	400	419	440	462	469	474	482	494	505	512
1057	158	226	280	333	381	422	458	493	515	541	562	576	577	595	610	618
1058	144	218	279	334	382	417	435	465	491	512	534	545	542	557	571	582
1059	163	240	299	355	405	419	452	467	486	510	528	542	534	544	549	548
1060	149	211	263	310	354	381	413	436	451	486	481	492	494	492	503	511
1061	158	217	275	333	386	411	445	471	490	510	522	546	561	565	581	585
1062	162	223	267	306	344	356	387	392	399	413	421	449	432	392	443	461
1063	153	227	270	315	350	379	398	419	437	441	455	465	473	483	494	508
1064	156	228	286	342	387	413	443	472	490	512	513	534	546	555	569	573
1065	159	227	288	336	370	380	404	430	451	461	466	477	483	435	496	511
1066	147	205	260	312	350	359	397	414	441	457	463	462	478	486	492	493
1067	128	192	245	305	358	393	422	453	477	496	502	511	514	527	543	552
1068	127	202	260	318	379	400	445	467	494	512	527	546	556	572	581	592
1069	161	220	258	315	359	388	420	441	459	470	483	503	509	526	539	552
1070	140	201	248	293	330	350	377	398	410	430	437	449	451	469	481	481
1071	165	233	289	346	396	427	442	473	486	497	508	517	521	529	542	549
1072	147	202	248	295	339	358	385	412	432	445	468	475	488	503	506	515
1073	153	217	273	316	362	378	408	424	432	461	467	478	490	512	524	530
1074	134	190	234	278	320	323	350	364	374	388	398	398	415	420	432	440
1075	169	234	287	329	363	389	412	425	437	451	466	471	468	477	486	488
1076	145	212	269	317	346	378	396	421	443	453	472	479	488	506	514	515
MEAN	151	216	267	316	360	383	411	433	452	470	481	492	498	506	520	527
S.D.	11.0	13.0	16.8	19.3	22.4	25.9	27.0	31.1	33.4	35.9	37.3	40.2	39.7	47.0	42.0	41.9
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
2051	159	224	273	338	377	414	440	473	487	506	519	519	520	522	533	537
2052	152	218	272	326	363	395	422	446	461	482	501	508	510	523	530	543
2053	156	220	272	334	380	418	452	472	493	511	516	529	531	539	541	543
2054	150	211	261	318	357	383	413	434	457	479	490	496	500	519	527	538
2055	146	221	279	337	394	427	456	479	502	526	548	559	568	579	582	593
2056	158	222	266	313	352	375	409	422	446	471	494	509	522	535	543	555
2057	162	228	280	337	387	426	453	472	508	524	540	546	564	572	582	598
2058	168	223	264	303	339	366	396	420	443	453	469	449	446	453	461	474
2059	146	213	269	337	393	430	461	485	506	527	539	555	549	576	586	593
2060	150	223	266	319	367	396	425	435	459	474	475	473	485	508	525	533
2061	143	209	253	305	341	368	398	420	438	455	456	464	469	474	485	487
2062	134	208	260	320	365	408	434	454	483	482	512	527	516	562	561	581
2063	153	207	252	292	322	351	374	400	413	431	438	440	457	462	463	464
2064	131	182	224	274	313	344	369	386	410	423	430	440	445	455	461	468
2065	160	229	275	329	370	398	421	439	463	480	496	504	512	523	534	548
2066	125	195	252	307	357	380	409	432	453	477	487	479	481	492	511	510
2067	164	231	277	317	354	378	397	412	416	434	445	453	467	475	480	490
2068	144	204	252	305	352	372	399	424	445	458	484	494	494	504	516	524
2069	140	199	246	283	320	348	372	398	417	432	447	444	445	452	464	467
2070	156	229	281	328	368	383	414	436	457	480	488	494	498	510	524	533
2071	163	236	296	365	420	450	488	514	544	570	594	596	606	614	626	634
2072	147	215	264	311	350	382	404	420	435	454	476	485	492	498	507	518
2073	169	245	313	369	429	451	478	513	516	546	566	583	551	609	606	640
2074	154	230	286	338	383	411	428	460	489	493	521	525	535	552	561	572
2075	148	223	269	323	359	386	419	433	447	463	469	469	473	475	486	494
2076	159	228	284	329	364	390	417	438	448	465	477	496	506	516	516	530
MEAN	151	218	269	321	364	393	421	443	463	481	495	501	505	519	527	537
S.D.	11.0	13.8	17.4	21.6	27.2	29.1	30.6	32.9	34.6	36.7	40.0	43.0	41.0	46.6	45.4	49.2
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
3051	152	225	287	340	397	424	450	472	486	506	520	537	538	548	563	566
3052	165	234	291	342	381	413	433	455	472	484	496	506	514	517	521	534
3053	153	210	257	301	334	355	377	392	412	422	439	454	458	465	471	482
3054	162	236	287	344	389	424	451	464	491	513	524	546	553	568	574	578
3055	136	201	255	310	358	388	416	441	439	463	489	503	499	519	518	531
3056	170	239	282	315	350	375	394	409	413	423	431	444	438	440	452	466
3057	157	225	283	337	388	424	453	482	500	517	537	550	551	504	555	571
3058	146	225	284	347	407	447	473	501	529	545	573	591	573	599	610	620
3059	146	206	257	309	344	361	388	406	421	432	450	461	464	479	477	490
3060	148	219	268	323	365	395	424	451	472	493	504	516	520	525	529	536
3061	153	225	292	346	391	408	436	458	485	507	517	531	541	551	563	567
3062	156	210	257	303	341	353	375	394	403	420	432	443	445	457	468	473
3063	147	210	263	319	364	403	440	465	488	517	523	541	558	575	590	597
3064	150	209	266	317	355	385	415	440	454	479	498	509	510	517	536	542
3065	144	208	258	306	341	364	391	415	426	444	451	474	479	480	494	506
3066	166	239	294	338	375	399	426	438	458	473	484	495	495	505	516	525
3067	131	200	249	305	352	382	409	435	451	458	479	490	497	488	514	525
3068	122	186	241	302	360	391	428	458	484	511	532	532	522	545	570	572
3069	160	237	289	350	402	451	487	516	536	563	581	599	600	608	631	640
3070	139	204	251	305	342	352	380	403	421	440	464	478	488	497	509	515
3071	149	205	252	302	347	371	402	425	445	462	485	490	508	515	523	535
3072	144	216	272	321	369	391	418	444	457	480	489	498	506	515	527	544
3073	160	223	278	326	363	396	412	427	442	441	452	462	469	473	478	488
3074	162	234	286	331	360	372	383	395	406	423	419	431	433	437	442	448
3075	158	230	279	339	391	420	455	478	501	525	532	553	556	566	577	578
3076	155	218	270	323	366	397	421	446	461	478	483	493	495	497	506	512
MEAN	151	218	271	323	367	394	421	443	460	478	492	505	508	515	527	536
S.D.	11.1	14.1	15.7	16.6	20.9	27.3	29.9	32.8	36.8	40.5	42.4	43.7	42.9	45.5	48.4	47.3
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
4051	156	230	279	336	391	429	458	490	515	532	540	542	545	555	574	581
4052	160	222	269	317	356	383	397	427	450	415	453	471	483	500	500	511
4053	152	221	271	320	365	371	404	415	439	453	473	468	476	496	492	499
4054	162	237	291	348	396	421	452	466	497	512	524	530	526	541	546	560
4055	157	220	270	322	366	393	414	443	474	486	505	515	529	531	548	560
4056	138	205	250	303	357	394	419	440	467	488	505	506	522	536	533	551
4057	169	226	265	306	343	369	396	410	428	442	452	464	468	480	488	500
4058	154	209	252	293	328	349	366	384	396	406	406	409	412	420	425	427
4059	146	219	276	333	382	418	456	488	511	514	533	547	552	578	583	591
4060	148	208	256	313	358	388	414	444	471	489	500	510	525	533	549	562
4061	145	213	266	313	351	378	407	419	441	462	480	484	490	503	502	507
4062	149	217	264	312	344	372	397	414	429	444	455	463	463	473	489	494
4063	171	247	305	365	407	430	442	478	489	510	519	523	532	543	545	552
4064	158	225	270	314	347	378	399	425	466	472	491	506	519	540	550	562
4065	125	188	236	295	350	386	418	449	466	486	497	492	499	511	524	535
4066	157	219	260	302	339	370	399	410	433	468	480	490	506	512	530	534
4067	129	198	249	294	333	364	391	412	426	445	461	473	479	483	498	505
4068	136	202	246	293	336	359	385	408	434	454	468	479	491	506	515	523
4069	147	213	266	318	360	388	414	436	456	475	476	475	482	489	502	504
4070	160	225	273	326	366	408	433	454	486	505	527	539	532	538	550	565
4071	152	210	260	308	343	358	380	398	416	424	430	445	456	419	447	464
4072	144	198	248	294	339	365	387	403	417	431	445	446	452	449	453	467
4073	164	233	282	335	378	408	444	469	499	523	541	548	554	569	590	603
4074	162	231	287	341	381	396	417	441	456	475	490	497	506	504	517	523
4075	143	202	254	294	334	367	383	400	418	435	436	447	455	463	479	486
4076	153	216	264	310	348	367	392	403	419	430	447	450	458	461	471	484
MEAN	151	217	266	316	357	385	410	432	454	468	482	489	497	505	515	525
S.D.	11.4	13.4	15.4	18.7	20.8	22.7	24.8	29.1	32.4	35.0	36.2	36.2	36.1	41.6	41.6	42.7
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1551	103	151	189	212	243	262	273	287	284	303	301	306				
1552	104	143	185	212	236	242	262	270	287	283	290	296				
1553	107	157	188	210	242	260	282	295	296	313	315	306				
1554	97	141	167	192	217	239	255	261	260	273	282	271				
1555	117	157	190	209	241	256	277	278	295	299	304	305				
1556	113	166	191	223	252	268	264	276	294	301	298	311				
1557	110	160	186	217	245	254	274	283	292	294	285	301				
1558	102	153	176	206	221	240	253	261	270	265	272	284	301			
1559	118	169	189	224	252	278	296	294	319	318	328	328				
1560	96	148	175	192	227	236	265	276	286	286	296	295				
1561	102	152	177	199	228	237	249	265	272	285	283	286				
1562	106	160	194	226	252	281	293	303	312	312	317	321	325	332	322	328
1563	99	143	169	193	211	235	254	261	261	276	269	283				
1564	113	165	196	217	239	261	272	293	292	307	309	314				
1565	89	126	171	206	230	260	284	300	319	328	338	337	337	336	348	356
1566	103	151	184	215	242	257	275	289	296	293	308	308				
1567	125	161	194	220	235	255	260	282	285	297	303	315				
1568	107	150	174	195	221	234	235	252	258	267	272	274				
1569	101	142	156	182	207	225	231	242	244	253	257	261				
1570	105	148	170	197	218	230	243	250	261	263	273	272				
1571	122	188	202	235	266	279	285	302	346	323	319	333				
1572	105	159	189	213	242	260	269	273	296	296	297	315				
1573	92	139	164	182	209	215	232	244	252	263	266	265				
1574	109	157	182	208	235	249	253	272	282	293	287	304				
1575	98	141	162	185	198	217	236	244	244	254	257	256				
1576	112	167	188	224	244	258	265	280	285	290	301	305				
MEAN	106	154	181	207	233	250	263	274	284	290	293	298	321	334	335	342
S.D.	8.7	12.3	11.8	14.5	16.4	18.1	18.3	18.6	24.3	20.8	21.3	22.3	18.3	3.0	18.7	20.2
N	26	26	26	26	26	26	26	26	26	26	26	26	3	2	2	2

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
2551	100	151	168	204	219	244	255	269	270	307	295	294				
2552	111	159	184	216	256	269	276	301	311	316	321	323				
2553	106	142	168	200	229	245	257	264	280	285	286	288				
2554	94	140	169	196	228	238	262	265	276	287	288	298				
2555	104	136	159	183	201	217	231	240	246	247	254	260				
2556	110	153	181	203	238	251	263	273	284	279	296	299				
2557	126	175	185	226	245	267	275	299	311	310	304	321				
2558	102	153	186	214	251	269	272	289	301	310	307	320				
2559	106	159	184	219	257	269	294	301	318	328	323	338				
2560	101	152	168	194	216	236	247	261	263	272	282	278				
2561	98	146	172	197	223	239	257	259	274	276	286	290				
2562	125	167	189	213	246	264	276	279	294	319	322	309				
2563	95	137	156	183	212	228	240	243	257	265	266	268				
2564	107	152	182	210	243	256	274	278	290	298	298	304				
2565	110	148	171	196	218	229	244	253	254	280	279	267				
2566	112	162	178	204	230	241	255	268	273	271	281	289				
2567	107	158	178	218	240	269	282	290	292	305	311	320				
2568	104	156	171	198	231	247	270	277	293	293	292	307	319	339	333	337
2569	117	168	197	234	271	291	306	322	330	345	351	363				
2570	105	155	179	210	235	256	266	277	286	296	301	303				
2571	118	167	189	224	250	261	273	283	292	296	297	310				
2572	103	144	159	193	216	229	238	256	269	280	286	302				
2573	91	137	159	183	202	221	234	245	249	260	266	260				
2574	114	167	188	221	247	258	261	278	284	284	292	294				
2575	97	138	171	195	229	245	250	259	272	277	292	289				
2576	102	152	175	208	231	241	261	268	273	275	295	296				
MEAN	106	153	176	205	233	249	262	273	282	291	295	300	319	339	333	337
S.D.	8.7	10.9	10.8	13.7	17.3	17.8	17.9	19.7	21.0	22.3	20.2	23.4	0.0	0.0	0.0	0.0
N	26	26	26	26	26	26	26	26	26	26	26	26	1	1	1	1

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP III 10000 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
3551	99	146	169	175	200	215	222	243	259	264	260	279				
3552	103	140	169	195	216	223	248	260	274	268	285	292				
3553	106	158	185	218	248	262	272	284	290	294	308	301				
3554	109	154	175	194	225	236	253	261	260	279	269	272				
3555	106	147	164	181	210	222	234	238	251	253	261	265				
3556	110	159	185	208	232	244	261	263	278	277	284	281				
3557	102	150	189	216	239	268	288	303	320	328	346	371	378	362	353	361
3558	97	145	161	179	192	210	222	230	230	246	253	283				
3559	113	161	181	205	228	244	253	267	270	275	277	276				
3560	108	152	174	187	215	222	232	238	243	255	259	262				
3561	104	155	180	205	222	252	264	274	282	302	299	316				
3562	122	186	206	230	258	280	284	294	308	316	309	319				
3563	115	164	184	204	229	243	256	274	276	284	291	300				
3564	102	147	175	206	229	247	253	269	281	282	280	290				
3565	106	151	187	218	243	252	268	268	282	293	298	301				
3566	93	140	160	182	207	228	238	241	255	268	264	272				
3567	111	166	203	228	251	267	270	284	287	296	290	303				
3568	101	153	182	205	229	249	263	277	282	293	298	314				
3569	118	167	189	213	231	238	247	254	264	270	271	282				
3570	104	145	169	192	210	223	238	251	268	276	278	288				
3571	115	162	185	203	227	248	260	269	286	290	304	302				
3572	98	148	173	186	221	229	244	252	267	275	281	292				
3573	104	147	175	196	204	230	236	247	254	259	269	265				
3574	126	182	209	238	263	271	290	297	302	310	329	330				
3575	98	145	173	191	204	214	226	236	248	259	263	269				
3576	91	137	165	192	216	229	245	255	266	276	280	284				
MEAN	106	154	179	202	225	240	253	263	272	280	285	293	378	362	353	361
S.D.	8.5	12.0	12.8	16.3	17.9	19.1	19.1	19.8	20.3	19.9	22.3	24.0	0.0	0.0	0.0	0.0
N	26	26	26	26	26	26	26	26	26	26	26	26	1	1	1	1

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY -1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
4551	98	142	161	186	209	219	233	242	257	257	269	274				
4552	115	161	179	206	231	241	252	264	272	278	280	287				
4553	103	152	163	199	224	233	236	257	264	272	268	279				
4554	103	156	164	193	209	228	248	245	260	274	281	275				
4555	104	152	176	196	222	227	248	257	262	265	283	282				
4556	111	162	178	202	229	245	260	269	279	281	286	298				
4557	102	145	157	180	202	209	224	231	237	257	281	271				
4558	97	141	152	184	199	218	231	245	251	251	262	254				
4559	117	150	175	209	225	243	250	260	270	272	276	283				
4560	123	183	196	224	264	268	283	277	320	313	319	323				
4561	106	153	170	196	220	219	243	250	249	257	259	269				
4562	102	152	171	198	212	229	243	248	252	258	262	257				
4563	112	158	177	196	216	229	237	249	259	272	269	272				
4564	91	137	155	186	206	222	224	238	245	250	247	258				
4565	106	156	181	201	224	242	249	268	278	284	280	296				
4566	105	149	183	197	234	243	252	265	264	277	280	283				
4567	126	175	197	207	229	242	253	259	279	281	279	287				
4568	106	156	183	204	224	241	246	261	268	285	288	299				
4569	111	152	179	198	221	223	239	250	263	282	308	282				
4570	96	138	158	178	200	211	213	228	238	251	266	254				
4571	120	168	191	211	246	260	274	280	291	297	301	318	341			
4572	89	138	161	186	207	220	232	241	252	256	263	273				
4573	99	155	189	214	239	258	266	283	287	299	303	312				
4574	102	153	183	209	220	239	248	250	257	277	285	285				
4575	109	156	181	210	238	245	256	266	277	292	291	301				
4576	109	157	185	209	226	237	251	261	276	284	286	290				
MEAN	106	154	175	199	222	234	246	255	265	274	280	283	341			
S.D.	9.0	10.6	12.7	11.2	15.0	14.9	15.4	14.1	17.8	16.3	16.4	18.2	0.0			
N	26	26	26	26	26	26	26	26	26	26	26	26	1			

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY 15	16
1051	507	535
1052	533	545
1053	538	557
1054	565	576
1055	513	525
1056	517	543
1057	631	648
1058	597	600
1059	579	587
1060	524	544
1061	602	618
1062	473	472
1063	523	528
1064	587	597
1065	522	539
1066	516	538
1067	570	571
1068	601	614
1069	555	563
1070	490	501
1071	551	565
1072	525	539
1073	550	565
1074	439	442
1075	502	504
1076	520	534
MEAN	540	552
S.D.	43.7	45.0
N	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY 15	16
2051	546	564
2052	554	566
2053	560	563
2054	544	561
2055	602	625
2056	564	580
2057	599	621
2058	479	498
2059	603	622
2060	550	559
2061	499	520
2062	607	612
2063	475	485
2064	483	496
2065	555	575
2066	516	534
2067	508	515
2068	542	555
2069	483	492
2070	547	569
2071	644	652
2072	536	550
2073	659	687
2074	569	578
2075	511	533
2076	544	565
MEAN	549	564
S.D.	48.8	50.2
N	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	WEEK OF STUDY 15	16
3051	583	600
3052	549	572
3053	515	503
3054	595	609
3055	544	561
3056	475	486
3057	593	603
3058	638	650
3059	502	507
3060	561	573
3061	585	601
3062	484	495
3063	602	618
3064	546	561
3065	543	559
3066	534	548
3067	537	546
3068	597	609
3069	660	667
3070	517	530
3071	545	565
3072	547	567
3073	505	528
3074	458	471
3075	594	598
3076	532	544
MEAN	551	564
S.D.	48.5	49.1
N	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY 15	16
4051	594	607
4052	524	533
4053	505	515
4054	571	589
4055	570	574
4056	560	575
4057	511	524
4058	435	447
4059	613	630
4060	573	578
4061	520	533
4062	512	519
4063	569	585
4064	581	601
4065	557	571
4066	552	562
4067	516	530
4068	550	558
4069	514	528
4070	575	597
4071	471	482
4072	485	484
4073	622	632
4074	532	544
4075	495	504
4076	504	527
MEAN	539	551
S.D.	44.5	46.1
N	26	26

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP I 0 MG/M3

	WEEK OF STUDY	
ANIMAL#	15	16
1562	332	
1565	357	
MEAN	345	
S.D.	17.7	
N	2	

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP II 2000 MG/M3

	WEEK OF STUDY	
ANIMAL#	15	16
2568	347	
MEAN	347	
S.D.	0.0	
N	1	

APPENDIX G P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP III 10000 MG/M3

	WEEK OF STUDY	
ANIMAL#	15	16
3557	352	
MEAN	352	
S.D.	0.0	
N	1	

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
1001	121	175	236	296	351	393	437	453	471	491	500	505	529	539	558	563
1002	106	163	219	275	323	359	403	406	428	492	466	472	487	497	502	508
1003	123	189	247	322	377	430	465	497	516	533	550	567	592	614	622	643
1004	113	180	223	308	359	399	427	454	475	500	519	538	547	555	566	584
1005	120	183	234	292	340	375	397	427	452	461	484	505	517	501	517	528
1006	124	188	244	295	333	374	391	409	424	443	469	478	490	504	520	510
1007	141	199	256	316	359	401	430	449	467	473	484	480	497	507	519	532
1008	135	195	260	316	365	399	423	442	460	472	495	512	525	535	538	542
1009	138	213	235	318	370	407	428	454	472	493	504	519	529	540	561	574
1010	129	191	249	299	333	366	392	411	423	442	450	456	469	484	498	503
1011	138	185	256	321	373	407	441	460	481	497	502	529	544	568	584	597
1012	123	180	226	284	326	368	394	419	436	458	470	486	499	510	518	534
1013	129	190	253	311	369	400	443	459	463	487	513	526	549	574	578	591
1014	125	187	249	309	344	374	390	413	423	439	458	473	475	489	497	501
1015	130	204	269	328	373	408	431	459	468	488	511	520	538	548	556	559
1016	138	206	231	326	372	402	423	447	470	467	497	523	538	563	577	595
1017	115	171	224	294	334	368	398	428	443	457	483	497	507	516	527	532
1018	130	193	217	304	343	367	391	409	428	440	453	474	484	499	509	510
1019	132	195	235	305	332	349	366	388	395	416	423	433	453	463	469	474
1020	154	187	245	307	346	372	397	408	423	430	450	466	476	489	496	506
1021	118	172	224	276	317	342	363	394	417	429	444	455	473	473	485	498
1022	135	199	255	303	334	368	405	428	448	468	486	493	506	520	536	545
1023	121	180	225	264	287	309	333	345	363	385	402	429	443	455	462	481
1024	129	194	252	300	330	357	391	417	444	468	478	495	503	527	533	548
1025	99	156	200	252	296	324	348	368	388	400						
1026	138	199	259	324	365	395	432	438	454	460	476	493	501	512	519	532
MEAN	127	187	239	302	344	377	405	426	444	461	479	493	507	519	530	540
S.D.	11.7	13.2	16.5	19.2	23.6	27.9	30.9	32.4	32.7	33.4	32.0	32.6	34.4	37.5	38.4	41.1
N	26	26	26	26	26	26	26	26	26	26	25	25	25	25	25	25

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
2001	128	194	250	302	341	371	398	408	426	442	453	459	476	475	479	471
2002	143	208	243	273	302	322	361	379	406	422	443	461	480	490	507	512
2003	122	187	251	308	356	386	405	431	445	462	473	477	495	509	514	527
2004	94	152	201	254	301	338	363	384	397	415	431	449	463	477	490	492
2005	114	160	213	256	291	320	352	360	385	401	422	436	449	449	452	456
2006	135	196	258	314	362	394	421	445	466	477	494	508	527	547	558	574
2007	122	182	242	305	357	403	433	462	490	505	528	550	552	574	591	599
2008	130	183	231	273	295	310	326	342	366	378	401	415	425	436	443	447
2009	144	206	272	325	303	337	366	364	399	396	388	432	385	420	437	445
2010	124	183	252	301	348	387	410	426	447	466	500	520	531	544	558	574
2011	123	190	257	321	370	404	439	442	459	467	487	495	515	530	549	552
2012	111	165	216	252	292	321	340	364	377	386	404	418	415	439	383	382
2013	132	191	243	315	362	402	428	451	476	497	516	523	532	548	559	565
2014	123	175	239	276	311	339	364	374	394	410	430	432	446	462	476	481
2015	158	217	285	338	383	415	445	463	484	498	525	536	556	566	575	580
2016	131	188	242	304	345	372	395	412	431	444	455	472	486	496	502	509
2017	151	218	272	319	354	376	410	427	437	463	472	487	499	508	504	508
2018	125	188	244	297	335	366	396	418	436	459	483	491	513	529	544	560
2019	129	189	249	307	353	392	415	437	459	471	490	502	514	515	484	496
2020	146	206	259	323	373	400	427	449	467	490	501	520	525	525	534	524
2021	143	205	271	333	392	441	471	501	522	554	576	581	592	610	614	634
2022	128	192	259	319	374	415	447	476	504	523	533	538	518	567	588	588
2023	129	187	238	286	321	346	384	400	411	439	441	448	428	480	495	512
2024	115	175	238	281	329	356	375	408	407	427	443	464	480	494	501	499
2025	128	192	258	333	392	435	468	463	460	499	528	536	532	554	570	584
2026	127	188	247	307	355	389	428	447	457	471	492	513	528	543	555	561
MEAN	129	189	247	301	342	374	403	420	439	456	473	487	495	511	518	524
S.D.	13.1	15.7	18.7	24.9	31.5	36.6	38.5	40.5	40.3	43.9	46.7	44.3	48.7	47.8	54.7	57.7
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
3001	130	189	260	297	330	356	378	399	408	426	441	458	466	471	482	496
3002	140	206	275	343	385	427	474	498	521	539	556	531	562	589	601	610
3003	131	185	243	295	333	373	403	432	378	393	443	456	485	488	499	510
3004	144	210	266	316	353	385	417	446	467	493	515	529	545	564	584	594
3005	127	184	244	291	338	374	399	424	443	461	473	477	483	499	511	486
3006	142	203	264	320	354	380	413	427	436	459	479	493	499	505	519	524
3007	145	212	275	342	388	426	447	476	496	518	545	570	582	597	603	620
3008	136	208	267	317	357	376	406	423	431	437	448	443	457	473	480	478
3009	155	224	300	357	388	419	451	481	504	530	551	571	592	604	613	626
3010	136	195	249	309	354	389	427	449	477	489	511	524	530	539	550	551
3011	121	174	233	289	326	341	367	384	394	414	424	432	442	449	459	467
3012	127	192	252	310	362	393	417	447	467	486	498	516	522	537	553	561
3013	108	166	221	276	315	338	372	398	416	435	447	460	466	480	487	491
3014	134	188	247	292	336	354	380	397	407	409	422	427	447	460	462	469
3015	124	180	230	281	322	345	371	384	405	420	431	435	449	463	471	479
3016	138	205	242	322	360	388	417	434	454	462	473	492	507	513	519	513
3017	128	192	248	327	379	411	443	478	494	512	548	538	555	568	581	605
3018	115	178	232	279	312	334	357	378	397	427	445	442	462	476	492	499
3019	132	189	250	296	328	349	384	406	411	431	447	454	468	473	479	485
3020	136	195	254	307	346	373	404	431	447	461	470	483	494	510	515	525
3021	137	197	257	315	361	390	428	443	466	486	502	518	532	546	552	558
3022	134	187	239	291	316	354	378	397	421	440	462	469	489	500	500	514
3023	125	181	220	274	305	333	362	378	389	413	426	431	439	456	460	467
3024	147	213	272	333	373	408	442	465	480	501	523	523	545	556	570	580
3025	141	200	256	316	359	397	430	451	466	484	501	507	520	530	530	539
3026	117	179	238	293	333	361	390	411	425	443	454	462	483	483	491	490
MEAN	133	193	251	307	347	376	406	428	442	460	478	486	501	513	522	528
S.D.	10.6	13.8	18.2	21.8	24.3	28.4	31.2	34.1	39.2	40.3	42.4	43.1	44.3	46.2	47.7	51.0
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
4001	134	195	254	308	353	384	416	438	459	474	490	500	508	513	523	521
4002	125	186	233	276	308	325	352	375	385	399	408	415	431	433	445	
4003	142	198	254	302	342	378	402	419	433	454	472	479	494	488	508	523
4004	139	205	247	316	360	389	403	425	441	458	480	482	495	510	519	515
4005	132	196	252	307	348	382	415	432	455							
4006	132	186	246	306	354	388	423	448	474	501	513	524	536	537	547	550
4007	135	191	245	293	329	359	380	404	420	439	457	467	477	494	505	506
4008	120	174	226	269	304	328	353	372	386	394	411	417	422	433	439	446
4009	139	196	248	300	321	338	355	384	409	435	468	481	499	519	539	545
4010	147	212	280	339	388	426	457	474	509	513	546	548	557	582	598	611
4011	115	169	226	272	318	353	380	394	416	431	443	457	459	473	485	489
4012	122	170	206	269	311	331	354	374	396	403	421	434	442	458	467	470
4013	137	198	256	311	350	389	417	434	450	464	483	492	503	516	524	527
4014	128	184	234	272	310	334	358	380	390	398	424	443	453	464	477	481
4015	139	202	258	319	366	404	439	466	396	410	419	464	471	510	534	534
4016	101	149	200	252	285	310	329	364	379	398	415	434	440	449	445	458
4017	136	199	257	301	320	359	388	408	418	424	439	459	466	481	493	504
4018	132	176	227	275	306	339	369	385	409	427	447	465	480	481	491	495
4019	140	194	275	296	335	364	393	408	420	426	441	447	458	470	473	478
4020	114	168	230	282	329	369	396	422	416	404	417	438	462	463	457	464
4021	136	193	251	309	358	393	420	448	474	496	501	516	536	552	539	561
4022	127	179	231	273	298	314	342	358	378	404	424	433	437	449	460	471
4023	139	206	267	321	367	394	417	438	438	460	432	467	474	490	502	520
4024	114	173	206	272	305	328	348	358	374	383	390	405	418	427	431	437
4025	130	190	247	304	343	375	398	411	427	439	448	447	459	467	473	469
4026	110	173	231	287	324	354	389	407	430	446	459	470	486	506	498	505
MEAN	129	187	242	294	332	362	388	409	422	435	450	463	474	487	495	503
S.D.	11.3	14.7	20.1	20.8	25.5	30.4	32.8	33.1	33.8	35.6	37.1	34.7	35.8	38.2	39.8	40.3
N	26	26	26	26	26	26	26	26	26	25	25	25	25	25	25	24

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
1501	116	151	184	208	226	232	251	248	262	269	277					
1502	116	152	188	218	236	253	261	271	284	282	296	297				
1503	83	125	157	184	207	228	238	250	253	263	281					
1504	109	150	177	191	222	247	250	255	272	285	288	280	305	332	364	
1505	103	156	185	212	223	246	254	262	263	271	275					
1506	119	143	173	199	214	234	240	249	257	265	272					
1507	120	155	187	204	226	241	258	261	268	268	277	275	281	279	283	294
1508	122	160	187	201	228	241	251	254	266	267	282					
1509	106	151	192	220	254	273	295	296	310	315	326	325				
1510	124	158	180	205	228	243	254	256	267	275						
1511	114	150	178	213	227	237	258	267	285	288	284					
1512	108	149	178	205	216	230	249	255	260	272	276					
1513	116	156	190	222	245	262	270	280	286	296	298					
1514	95	137	169	187	214	225	238	250	247	258	269	269	302	297	285	297
1515	108	155	178	203	221	237	250	259	263	274	283	288	310	295	304	284
1516	101	139	180	200	217	240	249	254	262	269	279					
1517	114	157	180	209	220	249	253	271	276	291	291	298				
1518	123	158	183	199	217	240	241	259	270	284	292					
1519	116	163	196	225	245	266	276	288	301	307	312					
1520	89	124	151	173	189	210	224	226	241	245	251					
1521	101	136	171	193	217	231	259	256	268	273	278	302				
1522	116	151	181	208	232	243	260	266	270	285	289					
1523	113	151	174	205	217	241	250	254	270	265	281					
1524	115	161	187	219	235	257	280	287	284	299	303					
1525	119	144	179	199	225	240	256	254	269	276	281					
1526	127	169	198	224	241	264	278	277	291	296	302	303				
MEAN	111	150	180	205	225	243	255	262	271	278	286	293	299	301	309	292
S.D.	10.8	10.8	10.7	12.8	13.3	13.9	15.1	14.9	15.6	15.9	15.0	17.1	12.5	22.5	38.0	6.5
N	26	26	26	26	26	26	26	26	26	26	25	9	4	4	4	3

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
2501	125	176	207	222	240	259	264	277	280	280	283					
2502	121	164	191	222	237	247	254	267	267	269	278	287				
2503	99	136	154	186	207	219	231	238	251	249	255	262				
2504	93	138	171	196	222	244	251	252	271	278	285					
2505	117	156	180	204	217	233	244	251	263	268	265					
2506	114	153	181	200	226	240	248	255	252	265	267	277				
2507	112	156	194	220	245	269	288	297	291	304	317					
2508	109	144	173	192	207	220	230	240	251	264	265					
2509	128	169	190	217	233	253	263	274	286	295	299					
2510	117	167	206	226	257	280	291	297	308	319	323					
2511	117	160	194	220	230	254	269	280	280	291	288					
2512	84	123	154	181	204	215	233	247	257	259	276	275				
2513	121	160	193	221	233	260	274	286	278	290	306	304	314	330	317	315
2514	129	167	203	230	249	260	276	291	318	298	309	309	323	339	311	321
2515	112	155	194	224	243	269	271	276	298	290	296					
2516	132	173	206	235	266	299	296	305	310	331	346	327	338	359	330	338
2517	105	147	178	195	208	228	245	247	252	259	273					
2518	122	164	195	218	245	250	276	285	297	302	314	323				
2519	107	144	159	180	192	202	218	226	239	252	251					
2520	112	148	179	202	212	234	243	254	252	264	269					
2521	115	155	175	196	211	230	232	251	261	265	264	275				
2522	105	148	170	195	216	228	233	246	254	257	256					
2523	98	149	184	208	237	252	265	283	287	287	298					
2524	125	156	196	229	251	271	266	291	296	308	314	310	328	339	347	349
2525	112	157	176	208	230	244	265	264	279	276	287					
2526	118	157	184	213	229	241	263	270	278	286	289					
MEAN	113	155	184	209	229	246	257	267	275	281	287	295	326	341	326	331
S.D.	11.4	12.0	15.1	15.9	18.3	21.9	20.6	21.3	21.4	21.2	23.9	22.6	10.0	12.3	16.0	15.5
N	26	26	26	26	26	26	26	26	26	26	26	10	4	4	4	4

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
3501	111	157	186	210	220	241	249	263	259	270	280					
3502	123	152	176	206	214	224	239	239	248	257	268	266	275	282	274	281
3503	119	161	196	221	248	267	279	274	286	309	330					
3504	128	148	177	195	213	221	240	250	245	279	281	277	298	308	293	286
3505	116	160	182	200	222	229	249	251	266	268	262	272				
3506	113	148	171	193	199	214	233	244	254	280	283	265	300	289	279	290
3507	122	159	184	214	225	237	249	252	259	259	273					
3508	123	158	175	198	216	229	240	253	264	273	287	311				
3509	126	157	181	197	211	222	226	241	240	250	261					
3510	113	140	167	191	206	213	230	241	253	249	264					
3511	130	168	204	233	244	269	277	290	301	323	338					
3512	109	142	170	193	208	230	236	240	254	275	292					
3513	117	165	198	223	241	244	270	277	281	297	311	283				
3514	130	167	197	216	233	243	269	276	283	284	296	296				
3515	118	163	192	220	238	248	263	275	279	284	283	291				
3516	133	177	203	225	248	265	269	264	266	270	275					
3517	117	156	188	214	231	255	260	279	286	288	295	298				
3518	128	175	197	229	244	256	263	289	294	300	305	313				
3519	106	150	178	196	215	219	235	239	248	255	264	272				
3520	120	151	171	198	211	218	230	247	256	256	263					
3521	129	169	193	216	240	238	261	267	270	271	283	289				
3522	131	160	176	201	207	227	233	249	260	256	267	262				
3523	118	146	172	195	210	224	234	256	261	281	282					
3524	136	181	206	234	249	277	285	299	306	304	324	335	359			
3525	124	166	190	213	235	251	259	267	273	282	277	286				
3526	109	153	184	204	229	245	259	264	272	288	288	300				
MEAN	121	159	185	209	225	239	251	261	268	277	286	288	308	293	282	286
S.D.	8.0	10.5	11.7	13.3	15.5	18.3	17.3	17.3	17.4	19.1	21.2	20.0	35.8	13.7	9.7	4.7
N	26	26	26	26	26	26	26	26	26	26	26	16	4	3	3	3

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP IV 20000 MG/M3

	DAY OF STUDY															
ANIMAL#	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
4501	109	145	170	192	204	217	230	230	238	242	246					
4502	116	146	168	189	207	220	237	235	239	252	260	260	274			
4503	128	159	195	219	242	246	265	277	281	280	299					
4504	123	165	185	215	224	240	257	271	270	270	289					
4505	117	158	174	204	212	216	243	238	267	273	263					
4506	97	145	171	195	216	230	248	250	261	264	272					
4507	120	154	179	203	226	240	253	271	269	279	283					
4508	108	143	165	182	194	211	221	234	234	235	245	241				
4509	121	154	176	203	214	227	240	233	252	257	267					
4510	130	164	190	216	241	258	274	276	283	295	294					
4511	106	146	172	194	217	237	239	253	265	277	295	275				
4512	114	140	163	190	199	221	233	240	238	256	263					
4513	113	150	176	209	219	241	244	267	271	282						
4514	112	145	160	177	181	200	209	214	213	224	232	237	231	244	246	246
4515	119	142	171	190	211	222	242	249	252	254	266					
4516	93	124	144	164	181	192	200	219	229	236	234					
4517	119	162	197	222	254	268	278	284	286	295	291	318				
4518	118	151	162	185	195	212	220	231	239	250	252					
4519	121	154	174	192	215	226	241	236	247	252	259					
4520	96	136	159	185	204	220	239	237	251	257	250	261				
4521	106	146	165	193	209	233	231	246	260	262						
4522	105	140	164	186	198	214	221	233	247	250	244					
4523	112	154	184	211	234	246	263	281	289	289	304					
4524	95	145	174	206	221	231	248	260	268	263	281					
4525	101	137	156	178	192	196	218	227	231	229	240	239	266	278	323	
4526	117	148	169	194	217	222	234	244	252	258	257	267				
MEAN	112	148	172	196	213	226	239	247	255	261	266	262	257	261	285	246
S.D.	10.0	9.2	12.0	14.2	17.8	17.9	18.7	19.9	19.3	19.2	21.6	26.6	22.9	24.4	54.9	0.0
N	26	26	26	26	26	26	26	26	26	26	24	8	3	2	2	1

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 147	154
1001	573	
1002	521	
1003	648	656
1004	597	599
1005	548	
1006	514	
1007	545	
1008	551	557
1009	550	553
1010	521	
1011	585	
1012	541	
1013	609	612
1014	505	
1015	579	571
1016	604	616
1017	534	546
1018	516	522
1019	485	491
1020	517	
1021	512	
1022	556	565
1023	488	
1024	572	
1026	536	540
MEAN	548	569
S.D.	40.1	45.3
N	25	12

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 147	154
2001	487	479
2002	524	534
2003	535	538
2004	499	505
2005	460	
2006	587	598
2007	611	611
2008	458	456
2009	474	
2010	579	595
2011	563	
2012	415	358
2013	572	570
2014	481	481
2015	597	605
2016	515	516
2017	532	529
2018	570	566
2019	515	
2020	534	537
2021	638	636
2022	597	
2023	515	
2024	510	510
2025	595	
2026	581	584
MEAN	536	537
S.D.	55.2	65.9
N	26	19

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 147	154
3001	498	506
3002	619	
3003	528	534
3004	601	604
3005	519	529
3006	529	
3007	634	
3008	495	
3009	634	649
3010	564	
3011	475	
3012	546	565
3013	508	517
3014	482	486
3015	397	443
3016	523	
3017	599	600
3018	507	504
3019	499	499
3020	537	533
3021	565	585
3022	517	522
3023	475	
3024	589	587
3025	548	556
3026	488	479
MEAN	534	539
S.D.	55.9	51.9
N	26	18

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 147	154
4001	519	
4003	534	540
4004	530	
4006	559	
4007	521	
4008	451	455
4009	562	
4010	620	
4011	503	504
4012	483	
4013	544	
4014	490	492
4015	536	556
4016	454	
4017	519	
4018	515	517
4019	495	
4020	474	472
4022	473	486
4023	525	528
4024	444	
4025	480	488
4026	525	533
MEAN	511	506
S.D.	40.8	31.0
N	23	11

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 147	154
1507	300	
1514	301	
1515	319	
MEAN	307	
S.D.	11.0	
N	3	

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 147	154
2513	317	
2514	320	
2516	344	
2524	359	
MEAN	335	
S.D.	20.2	
N	4	

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 147	154
3502	289	
3504	306	
3506	293	
MEAN	296	
S.D.	8.8	
N	3	

APPENDIX G F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHTS (GRAMS)

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 147	154
4514	242	
MEAN	242	
S.D.	0.0	
N	1	

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1051	60	40	34	37	32	19	19	22	24	8	10	6	12	14	6	10
1052	60	44	47	43	10	31	23	22	13	9	12	3	18	8	7	21
1053	57	35	49	42	29	30	20	27	19	16	8	13	20	6	12	14
1054	68	53	50	50	29	27	29	22	28	7	13	7	12	2	3	16
1055	67	51	52	38	22	26	19	11	14	10	1	11	11	12	-1	14
1056	59	50	49	40	23	28	19	21	22	8	5	8	12	11	7	5
1057	69	54	53	47	41	37	35	22	26	21	15	1	18	14	8	13
1058	74	61	54	49	35	18	30	26	22	22	11	-4	15	14	10	16
1059	77	59	56	50	15	33	15	18	24	18	14	-7	10	5	-1	30
1060	63	51	47	44	27	31	24	15	35	-5	11	2	-2	11	8	14
1061	59	57	59	53	25	33	27	19	21	12	24	14	4	16	4	16
1062	61	44	39	38	12	31	5	8	14	8	28	-17	-40	51	18	12
1063	74	43	46	35	28	20	21	18	4	14	11	8	9	11	14	15
1064	72	58	56	46	26	31	29	18	22	2	20	12	9	14	5	13
1065	68	61	48	34	11	24	26	20	10	5	10	6	-48	62	14	11
1066	58	55	53	38	10	37	18	27	16	6	-1	15	8	6	1	24
1067	65	52	61	53	35	29	31	25	18	6	10	3	13	16	9	19
1068	75	58	58	61	21	45	22	27	18	16	19	9	17	8	12	8
1069	59	38	57	45	29	32	22	18	11	13	20	6	17	13	13	2
1070	61	47	45	37	21	27	20	13	20	7	12	2	18	12	0	9
1071	68	55	57	50	31	15	31	14	10	11	10	4	8	13	7	2
1072	55	46	48	44	19	27	27	20	13	23	7	14	14	4	8	11
1073	64	57	43	45	17	30	17	8	28	6	12	12	22	13	6	20
1074	56	44	44	42	3	27	14	10	13	11	0	17	6	11	8	-1
1075	65	52	43	34	26	24	13	11	14	16	4	-3	9	9	2	14
1076	67	58	48	29	32	18	25	22	10	19	7	9	18	8	0	5
MEAN	65	51	50	43	23	28	22	19	18	11	11	6	8	14	7	13
S.D.	6.2	7.4	6.5	7.3	9.3	6.8	6.7	5.9	7.1	6.5	7.0	7.7	16.3	13.1	5.1	6.9
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
2051	65	50	65	38	38	26	33	15	18	13	1	0	2	11	4	9
2052	66	55	53	38	32	27	24	15	21	19	7	2	13	7	13	11
2053	64	53	61	46	39	34	20	21	18	5	13	2	8	2	2	18
2054	60	50	57	39	27	30	21	23	22	10	6	4	19	7	12	6
2055	76	58	58	57	33	29	23	23	24	22	10	10	11	3	11	9
2056	65	44	47	39	23	33	13	24	25	23	15	12	13	8	12	9
2057	66	52	57	50	39	27	19	36	16	16	6	18	8	10	16	2
2058	55	41	39	36	27	30	24	23	10	17	-20	-3	7	9	13	5
2059	66	56	68	55	37	31	24	21	21	12	16	-6	27	10	7	10
2060	73	43	53	49	28	30	10	25	14	1	-2	12	22	17	8	17
2061	66	44	52	36	27	30	22	18	17	2	7	5	5	12	2	12
2062	74	52	60	46	42	27	20	29	-1	30	16	-11	46	-1	21	26
2063	54	46	40	30	29	24	25	13	18	8	2	17	4	2	1	11
2064	52	41	50	40	30	25	17	24	13	8	10	6	10	6	7	15
2065	68	47	54	40	29	23	18	24	17	16	8	8	11	11	14	7
2066	69	57	55	50	23	29	23	21	24	10	-8	1	11	19	0	6
2067	67	46	40	37	24	19	15	5	18	11	9	13	8	6	10	18
2068	60	48	54	47	20	28	24	21	14	26	10	0	10	12	7	18
2069	59	47	38	37	28	24	26	19	15	15	-3	2	7	12	3	16
2070	73	52	47	41	15	31	22	21	23	8	6	4	11	15	9	13
2071	73	60	69	55	31	38	26	30	26	24	2	10	8	12	8	10
2072	69	49	46	40	32	22	16	16	19	22	8	7	6	9	11	18
2073	77	67	56	60	22	27	35	3	30	21	17	-33	58	-3	34	19
2074	76	56	52	45	28	16	32	29	4	27	5	10	17	9	11	-4
2075	75	46	54	37	27	32	14	14	17	6	0	4	2	11	8	16
2076	69	56	46	35	25	28	21	10	17	11	20	9	10	1	14	14
MEAN	67	51	53	43	29	28	22	20	18	15	6	4	14	8	10	12
S.D.	6.9	6.4	8.4	7.8	6.4	4.7	6.0	7.5	6.6	8.0	8.5	10.1	12.8	5.3	7.0	6.2
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
3051	73	63	53	57	27	26	22	14	20	13	17	2	10	14	4	17
3052	70	56	52	39	31	21	22	18	12	11	11	8	4	4	14	15
3053	57	47	44	33	21	22	16	20	10	17	15	5	6	6	12	32
3054	74	52	57	45	35	27	14	27	22	11	22	7	15	6	3	17
3055	66	54	55	48	30	28	26	-2	24	26	14	-5	20	-1	13	13
3056	70	42	33	35	24	20	15	3	10	8	13	-6	3	12	13	9
3057	68	57	55	51	36	30	28	18	17	20	13	1	-47	51	16	22
3058	79	59	63	60	39	26	29	27	17	28	18	-18	27	11	10	18
3059	60	51	51	35	18	26	18	15	11	18	11	4	14	-2	13	12
3060	72	48	56	42	30	29	27	21	21	11	12	5	5	3	8	25
3061	72	67	54	45	17	28	22	26	22	10	15	9	11	12	4	18
3062	54	47	46	38	12	22	18	9	17	12	12	1	13	11	5	11
3063	62	54	56	45	39	37	25	23	29	6	18	17	17	16	7	5
3064	59	57	50	39	30	29	25	14	25	20	11	1	7	19	6	5
3065	64	50	48	35	23	27	24	11	17	8	23	5	2	14	12	37
3066	73	55	44	38	23	28	12	20	14	11	11	1	10	10	10	9
3067	69	49	55	48	30	27	26	16	7	22	11	6	-8	25	11	12
3068	64	56	61	58	30	37	30	26	28	21	0	-10	23	25	3	25
3069	77	52	61	52	49	36	29	20	27	17	18	1	8	23	8	20
3070	65	47	54	37	10	28	22	18	20	24	14	11	8	13	5	2
3071	56	47	50	45	24	31	23	20	16	23	6	18	7	8	11	10
3072	73	56	49	47	23	27	26	13	23	9	9	8	9	12	17	3
3073	63	55	49	36	33	17	14	15	-1	10	11	6	4	5	11	16
3074	72	53	45	29	12	11	12	11	17	-3	12	2	4	5	6	10
3075	72	50	59	52	29	35	23	22	24	7	21	4	10	11	1	16
3076	63	52	52	43	31	24	25	15	16	5	10	2	2	9	6	20
MEAN	67	53	52	44	27	27	22	17	18	14	13	3	7	12	9	15
S.D.	6.6	5.4	6.4	8.1	9.1	6.1	5.4	6.9	6.9	7.4	5.0	7.4	13.2	10.4	4.4	8.4
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
4051	74	49	58	55	38	29	32	25	17	8	3	3	10	19	7	13
4052	62	47	49	39	27	14	31	23	-35	38	18	11	17	1	10	13
4053	69	49	50	44	6	33	12	24	14	20	-5	8	20	-4	7	6
4054	75	54	57	48	25	32	14	31	15	12	6	-4	15	5	15	10
4055	63	50	52	43	28	21	29	31	12	20	9	14	3	17	12	9
4056	67	46	52	55	37	25	21	27	21	17	0	16	14	-3	17	9
4057	57	39	41	36	26	28	14	18	14	10	12	4	13	7	12	11
4058	55	43	41	35	21	17	18	12	9	0	3	3	8	5	2	8
4059	73	58	57	49	36	38	33	23	3	19	14	5	26	5	8	23
4060	60	47	58	45	30	26	30	27	19	10	11	15	8	16	14	11
4061	68	53	48	37	27	29	12	21	22	18	3	6	13	-1	4	13
4062	68	48	48	31	28	25	17	15	15	12	8	0	10	16	4	18
4063	76	58	60	42	23	12	35	12	21	9	4	9	11	2	8	16
4064	68	45	44	33	31	21	26	41	6	19	15	13	21	10	13	19
4065	64	48	60	54	36	32	31	17	20	10	-5	7	12	13	11	22
4066	62	41	41	38	31	28	11	23	35	13	10	16	6	18	4	18
4067	70	51	45	40	30	27	22	14	19	16	12	6	4	15	6	11
4068	66	43	48	43	23	27	23	26	21	14	12	12	15	9	8	27
4069	66	52	53	41	28	26	23	20	19	1	-1	6	8	13	2	11
4070	65	48	53	40	42	26	20	32	19	22	12	-7	6	12	14	11
4071	59	50	47	36	15	22	18	18	9	6	15	11	-36	28	17	7
4072	54	49	47	44	26	22	16	14	14	14	1	5	-3	4	13	19
4073	69	49	52	44	30	36	25	30	24	18	6	7	14	22	13	19
4074	69	56	54	40	15	21	24	16	18	15	7	9	-3	14	6	9
4075	59	52	40	40	34	16	17	18	17	1	11	8	8	16	7	9
4076	63	48	46	38	19	25	11	16	11	17	3	7	4	10	13	20
MEAN	65	49	50	42	27	25	22	22	15	14	7	7	9	10	9	14
S.D.	5.9	4.7	6.1	6.2	7.9	6.4	7.5	7.2	11.9	7.8	6.1	5.6	11.3	7.9	4.5	5.6
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY 15-16	0-10	10-13	13-16	0-16
1051	28	245	33	43	320
1052	12	253	29	39	321
1053	18	275	39	44	358
1054	11	308	20	30	358
1055	12	245	34	25	303
1056	26	265	31	38	334
1057	18	350	33	38	422
1058	3	327	26	29	382
1059	9	302	8	38	348
1060	19	281	11	41	332
1061	17	329	35	37	401
1062	-1	226	-6	29	249
1063	5	239	28	34	301
1064	10	306	35	28	369
1065	17	250	20	43	312
1066	22	258	29	47	334
1067	1	319	32	28	379
1068	13	344	34	33	411
1069	8	283	36	23	343
1070	11	248	32	19	300
1071	15	284	25	23	332
1072	14	273	32	33	337
1073	15	262	46	41	349
1074	3	208	34	10	252
1075	2	236	16	18	270
1076	15	268	35	20	323
MEAN	12	276	28	32	336
S.D.	7.5	37.4	11.0	9.4	43.6
N	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY 15-16	0-10	10-13	13-16	0-16
2051	18	296	14	31	340
2052	12	290	22	36	348
2053	3	309	12	22	343
2054	17	285	31	34	350
2055	23	337	24	43	404
2056	16	287	34	37	358
2057	21	318	36	39	393
2058	18	226	12	37	274
2059	19	342	31	36	409
2060	9	250	52	34	336
2061	20	255	21	35	311
2062	5	319	33	51	404
2063	10	234	23	22	278
2064	13	258	21	34	313
2065	20	276	29	41	347
2066	18	285	31	24	339
2067	7	222	27	34	283
2068	14	290	22	39	351
2069	10	245	20	28	293
2070	23	265	30	45	340
2071	8	360	30	26	415
2072	14	269	23	43	335
2073	28	338	23	80	441
2074	10	295	36	17	348
2075	22	247	17	47	310
2076	21	269	20	49	337
MEAN	15	283	26	37	346
S.D.	6.4	37.2	8.7	12.3	43.6
N	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP III 10000 MG/M3

	WEEK OF STUDY				
ANIMAL#	15-16	0-10	10-13	13-16	0-16
3051	17	312	26	37	375
3052	23	272	15	51	337
3053	-11	244	17	33	294
3054	14	311	28	34	373
3055	17	302	15	43	360
3056	11	205	8	33	246
3057	11	325	5	49	378
3058	11	366	20	39	425
3059	5	255	16	30	301
3060	12	296	13	45	354
3061	16	306	31	38	376
3062	12	234	25	27	286
3063	16	331	49	28	409
3064	15	300	27	25	352
3065	16	266	20	65	351
3066	14	256	21	32	309
3067	9	290	23	33	346
3068	12	346	38	39	423
3069	7	362	32	35	429
3070	13	274	32	21	326
3071	20	285	33	42	360
3072	20	282	29	41	351
3073	23	240	15	50	305
3074	13	198	10	29	237
3075	4	323	25	21	369
3076	13	275	12	38	326
MEAN	13	287	23	37	346
S.D.	6.8	43.3	10.1	9.9	49.7
N	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY 15-16	0-10	10-13	13-16	0-16
4051	13	313	32	33	377
4052	9	249	29	33	311
4053	10	247	24	23	294
4054	18	293	16	43	352
4055	5	295	34	26	355
4056	16	301	28	42	370
4057	13	238	24	36	298
4058	12	199	16	22	238
4059	17	329	36	47	411
4060	5	302	38	29	369
4061	13	271	19	31	320
4062	7	246	27	30	303
4063	16	276	22	40	338
4064	20	281	44	51	376
4065	13	304	32	47	383
4066	11	271	40	32	343
4067	15	275	26	32	332
4068	8	277	36	43	356
4069	14	262	27	26	314
4070	21	314	12	47	372
4071	11	235	2	34	271
4072	-1	248	7	31	286
4073	11	315	43	42	399
4074	12	266	20	27	313
4075	9	245	32	25	302
4076	23	234	21	56	311
MEAN	12	273	26	36	334
S.D.	5.3	31.5	10.5	9.3	42.0
N	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	0-10
1551	48	38	23	31	19	10	14	-3	18	-2	6	156
1552	39	42	27	24	6	21	8	16	-4	8	6	153
1553	50	31	22	33	18	22	13	1	17	2	-9	149
1554	44	25	26	25	22	16	6	-1	13	9	-11	130
1555	40	33	19	32	15	21	1	17	4	5	1	148
1556	53	25	32	30	16	-4	12	18	7	-4	13	145
1557	50	27	31	28	9	20	8	9	3	-9	16	141
1558	51	23	30	15	19	14	7	9	-5	7	12	131
1559	50	20	36	28	26	18	-2	25	-2	11	0	160
1560	52	28	17	35	9	29	10	10	1	9	-1	147
1561	50	25	22	29	10	11	17	7	13	-2	3	134
1562	54	34	32	26	29	12	10	8	0	5	4	161
1563	44	26	24	18	24	20	7	0	15	-7	14	139
1564	53	31	21	22	21	11	21	0	15	2	5	149
1565	37	45	34	25	30	24	16	19	9	10	-1	210
1566	48	33	31	28	15	18	14	7	-3	15	0	157
1567	36	33	27	14	21	5	22	3	13	6	12	154
1568	44	24	21	27	13	1	17	7	8	5	2	123
1569	41	14	26	26	17	6	11	2	9	4	4	119
1570	43	22	26	22	12	13	7	11	2	10	-1	124
1571	65	15	33	31	13	6	18	44	-23	-4	14	145
1572	54	30	24	29	18	9	4	24	0	0	18	156
1573	47	25	19	26	6	17	12	8	11	2	-1	125
1574	48	25	26	26	14	4	19	11	11	-7	17	146
1575	43	22	22	13	20	19	8	1	10	2	-1	115
1576	55	21	36	19	14	7	15	5	5	11	5	138
MEAN	48	27	26	25	17	13	11	10	6	3	5	144
S.D.	6.6	7.4	5.5	5.8	6.4	7.8	5.9	10.2	8.9	6.3	7.7	18.8
N	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	0-10
2551	51	16	37	15	25	10	14	1	37	-11	-1	143
2552	48	25	32	40	13	8	25	11	5	5	2	164
2553	36	26	32	29	17	12	7	16	5	1	2	147
2554	46	29	27	31	10	24	2	12	11	1	11	158
2555	33	23	24	18	16	13	9	6	1	6	6	123
2556	44	27	22	35	12	12	10	11	-5	18	3	146
2557	49	11	41	19	21	8	24	12	-1	-6	17	146
2558	51	33	28	37	18	3	17	12	9	-3	14	167
2559	53	26	35	38	13	25	7	17	11	-6	15	179
2560	51	15	26	23	20	11	14	2	9	11	-4	126
2561	48	26	25	26	16	19	2	15	2	10	5	144
2562	42	22	24	33	19	12	3	15	25	2	-12	142
2563	42	20	27	29	16	12	3	14	8	1	2	131
2564	45	30	28	33	13	17	4	13	7	1	5	152
2565	39	23	25	22	11	15	9	2	26	-1	-12	119
2566	50	16	26	26	11	14	13	4	-1	10	9	128
2567	51	20	40	22	29	13	8	2	13	6	8	161
2568	52	16	27	33	16	23	7	16	0	-1	15	151
2569	51	29	37	37	20	15	16	8	15	6	12	195
2570	50	25	31	26	20	11	11	9	10	5	2	148
2571	50	22	35	26	10	12	11	9	4	1	13	143
2572	41	15	34	23	13	9	18	14	11	6	15	158
2573	46	23	24	19	19	14	11	4	11	5	-5	124
2574	53	21	33	27	11	3	17	6	0	8	2	127
2575	41	33	23	34	16	6	8	13	5	16	-3	151
2576	50	24	33	23	10	20	7	5	2	20	1	144
MEAN	47	23	30	28	16	13	11	10	8	4	5	147
S.D.	5.6	5.8	5.3	6.9	4.8	5.7	6.1	5.0	9.3	7.2	8.1	17.8
N	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP III 10000 MG/M3

	WEEK OF STUDY											
ANIMAL#	-1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	0-10
3551	47	22	7	25	15	7	20	16	5	-3	19	133
3552	37	29	26	20	8	24	12	14	-6	17	7	152
3553	52	27	34	30	14	10	12	6	4	14	-7	143
3554	45	21	19	31	12	17	9	-1	19	-10	3	118
3555	41	17	17	29	11	13	4	13	2	7	5	118
3556	49	26	23	24	11	17	2	16	-2	7	-2	122
3557	48	39	27	23	29	19	16	16	8	18	24	221
3558	48	17	18	13	19	12	8	0	16	7	30	138
3559	48	20	25	22	16	9	14	4	5	2	0	115
3560	44	22	14	28	7	11	6	5	12	4	2	110
3561	50	26	25	17	30	12	10	8	21	-4	17	161
3562	64	20	24	28	22	4	10	14	8	-7	10	133
3563	49	20	20	25	13	13	18	2	8	7	10	137
3564	45	28	31	23	19	6	15	13	1	-2	10	143
3565	45	35	31	26	9	16	0	13	11	6	2	149
3566	47	20	22	26	21	11	3	14	13	-4	8	132
3567	55	37	25	23	17	3	14	3	8	-6	13	137
3568	52	29	23	23	20	14	14	5	11	6	16	161
3569	49	21	24	19	7	9	7	11	6	1	11	115
3570	41	24	24	18	13	15	13	18	8	2	9	143
3571	46	24	18	24	21	13	9	17	4	14	-2	141
3572	50	26	13	35	8	16	7	16	8	5	11	144
3573	44	28	21	8	25	6	11	7	5	10	-4	118
3574	56	27	29	25	8	19	7	5	8	19	1	148
3575	48	28	18	14	9	13	10	12	11	4	6	124
3576	47	28	27	23	13	16	10	11	10	4	4	147
MEAN	48	25	22	23	15	12	10	10	8	5	8	139
S.D.	5.2	5.7	6.1	5.9	6.6	5.0	4.9	5.7	5.8	7.7	8.7	22.1
N	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY -1-0	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	0-10
4551	44	19	25	22	11	13	10	15	0	11	5	132
4552	47	18	28	24	10	11	12	8	7	1	7	126
4553	50	11	37	25	9	3	20	7	8	-4	11	127
4554	53	8	29	16	19	20	-3	15	14	7	-6	119
4555	48	24	20	26	4	21	9	5	3	19	-2	130
4556	50	16	24	27	16	15	9	9	2	6	12	137
4557	43	12	23	22	7	15	8	6	19	25	-10	126
4558	44	11	32	15	19	13	14	6	0	11	-8	113
4559	34	25	34	16	18	7	10	10	2	5	6	132
4560	60	14	28	40	3	15	-6	43	-7	6	4	140
4561	47	17	26	23	-1	24	7	-1	7	3	10	116
4562	50	19	27	14	17	14	5	4	6	4	-5	105
4563	46	20	19	20	13	8	12	10	13	-3	3	115
4564	46	18	31	20	17	2	14	7	5	-3	11	121
4565	50	25	20	24	17	8	19	10	6	-4	16	140
4566	44	34	14	37	9	9	13	-1	13	3	3	134
4567	49	21	10	23	12	11	6	20	2	-2	8	111
4568	50	28	21	20	17	6	14	7	17	3	11	143
4569	41	27	20	22	2	16	11	13	19	27	-26	130
4570	42	19	21	22	11	3	14	10	13	15	-11	116
4571	47	24	20	34	15	14	5	11	6	5	17	150
4572	49	23	25	21	13	12	8	11	4	7	10	135
4573	56	33	25	25	19	7	17	5	12	4	9	157
4574	51	30	26	11	20	9	2	7	20	9	0	132
4575	47	25	28	28	8	11	10	11	15	0	9	145
4576	48	28	24	18	10	15	10	15	8	2	4	133
MEAN	48	21	24	23	12	12	10	10	8	6	3	129
S.D.	5.0	6.8	5.9	6.8	5.7	5.6	5.9	8.2	6.8	8.1	9.8	12.6
N	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	105-112	112-119	119-126	126-133	133-140	140-147
1001	54	61	61	55	42	44	16	18	20	9	5	23	11	19	5	10
1002	57	56	57	48	36	44	3	22	64	-26	7	15	10	5	6	13
1003	66	59	75	55	53	35	32	19	17	17	16	26	22	8	22	4
1004	67	43	85	51	40	27	28	20	25	19	19	10	8	11	18	13
1005	63	52	57	48	35	23	30	25	9	23	22	12	-16	16	11	20
1006	64	56	51	38	42	17	18	15	18	26	9	12	14	16	-9	4
1007	59	57	60	43	43	28	20	18	6	11	-3	16	10	12	13	13
1008	60	65	56	50	34	24	19	18	13	22	17	13	10	3	4	9
1009	75	22	83	52	37	21	26	17	22	11	15	10	11	21	13	-24
1010	63	58	50	34	33	26	19	12	19	8	6	13	15	14	5	19
1011	47	71	65	53	34	34	19	21	15	6	26	15	24	17	12	-11
1012	56	46	58	42	42	27	25	18	22	11	16	13	11	9	15	8
1013	61	63	58	58	31	43	16	5	23	26	13	23	25	5	13	18
1014	62	62	61	34	30	17	23	10	16	19	15	2	14	8	4	4
1015	74	65	59	45	35	23	27	10	20	23	9	18	11	8	3	21
1016	68	26	94	46	30	22	24	24	-4	31	26	15	25	14	17	9
1017	56	53	70	41	34	30	30	15	14	25	14	10	9	12	4	2
1018	63	24	87	39	25	24	17	19	13	13	21	11	14	11	1	6
1019	62	40	70	27	18	17	22	8	20	7	10	20	9	6	5	11
1020	33	58	62	39	26	25	11	15	7	20	16	10	13	7	10	11
1021	54	52	52	41	25	21	31	24	12	15	11	18	0	12	14	14
1022	64	56	48	31	34	36	23	20	20	18	7	13	14	16	9	10
1023	59	45	39	23	22	24	12	18	21	18	27	14	13	7	19	7
1024	65	58	48	30	27	34	26	27	24	10	17	8	25	6	15	24
1025	57	44	53	44	28	25	20	20	12							
1026	61	60	65	41	30	37	6	16	5	16	17	8	11	7	13	4
MEAN	60	52	62	43	33	28	21	17	17	15	14	14	12	11	10	9
S.D.	8.2	12.6	13.3	9.0	7.6	8.2	7.4	5.3	11.6	10.8	7.2	5.4	8.5	4.8	7.0	10.0
N	26	26	26	26	26	26	26	26	26	25	25	25	25	25	25	25

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	105-112	112-119	119-126	126-133	133-140	140-147
2001	66	55	52	40	30	26	10	18	16	11	6	17	-1	5	-8	15
2002	66	35	29	30	19	40	18	27	16	21	18	20	10	17	4	13
2003	65	64	56	48	31	19	25	14	17	11	4	19	14	5	13	8
2004	58	49	53	47	37	25	22	12	19	16	18	14	14	13	2	7
2005	46	53	43	35	29	32	8	25	16	21	15	13	0	3	4	4
2006	61	62	57	48	32	27	25	21	11	17	14	19	20	11	17	13
2007	59	60	63	52	46	30	29	28	15	23	22	2	21	17	8	13
2008	54	47	42	22	16	16	15	25	11	24	13	10	12	7	4	11
2009	62	67	53	-22	35	29	-2	35	-3	-8	44	-47	36	17	7	30
2010	59	69	49	48	38	23	17	20	19	34	20	11	13	14	15	6
2011	67	66	65	49	33	36	3	17	8	20	8	20	15	19	3	10
2012	54	51	37	40	29	19	24	13	9	18	14	-3	24	-56	-1	33
2013	58	52	72	48	39	26	23	25	21	19	7	9	17	11	6	7
2014	52	64	37	35	28	25	10	20	15	21	1	14	16	14	5	0
2015	59	69	52	45	32	31	18	21	14	26	12	20	11	9	5	17
2016	57	54	62	41	26	23	17	19	13	11	17	14	10	6	7	6
2017	67	54	47	34	23	34	17	11	25	9	15	12	9	-3	4	24
2018	64	56	53	38	31	30	22	18	23	24	8	22	16	15	16	11
2019	61	60	58	46	39	23	22	22	12	18	13	12	2	-31	12	19
2020	60	53	64	50	27	27	22	18	24	11	19	5	-1	10	-11	10
2021	63	66	62	59	49	31	30	21	32	22	5	11	18	4	20	5
2022	64	67	60	55	41	32	29	28	19	10	4	-19	49	22	0	9
2023	58	51	48	35	25	38	16	11	28	1	7	-20	51	15	17	4
2024	60	63	43	48	27	19	33	-1	20	16	21	16	15	7	-2	11
2025	63	66	75	59	44	33	-5	-3	39	29	8	-4	23	16	14	12
2026	60	60	59	48	35	39	19	10	14	21	21	15	15	12	6	19
MEAN	60	58	54	41	32	28	18	18	17	17	14	8	16	7	6	12
S.D.	5.0	8.1	10.9	15.6	7.9	6.3	9.4	8.5	8.3	8.7	8.6	15.5	12.7	16.2	7.6	7.8
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	105-112	112-119	119-126	126-133	133-140	140-147
3001	59	71	38	32	26	22	22	9	18	15	17	8	6	11	14	2
3002	66	69	68	42	43	47	24	23	18	17	-24	31	28	12	9	9
3003	55	57	53	38	40	30	29	-55	16	50	13	29	3	11	11	18
3004	66	56	50	37	33	31	30	20	27	22	14	16	19	20	10	7
3005	57	60	47	48	36	25	26	18	18	13	4	7	16	12	-25	33
3006	62	61	56	34	26	32	15	9	23	20	14	6	7	14	5	5
3007	66	63	68	46	38	21	29	20	23	27	25	12	16	6	17	14
3008	71	59	50	39	19	30	17	8	7	11	-5	14	15	7	-2	17
3009	69	76	57	31	32	32	31	23	26	21	20	21	12	9	13	8
3010	60	54	60	45	34	38	23	28	12	22	13	6	9	11	1	13
3011	52	59	57	37	16	25	17	10	20	10	8	10	8	10	8	8
3012	65	60	58	53	31	23	30	20	19	13	17	7	14	17	8	-16
3013	58	55	55	39	24	33	26	18	19	12	13	6	13	7	5	17
3014	54	59	45	43	19	26	17	10	2	13	4	21	12	2	7	12
3015	56	51	51	41	23	26	13	20	16	11	4	13	14	8	9	-83
3016	67	37	80	38	28	29	16	20	8	12	18	15	6	6	-6	10
3017	64	56	80	52	32	32	35	17	18	36	-9	17	13	12	25	-7
3018	63	54	47	32	22	23	22	19	30	18	-3	20	14	15	7	8
3019	56	61	47	32	21	35	23	4	20	16	7	14	5	6	6	14
3020	58	59	53	40	26	31	27	17	13	9	13	12	16	4	10	13
3021	60	60	58	45	30	38	15	23	20	17	15	15	14	6	6	8
3022	53	52	52	25	39	23	19	24	19	22	7	20	11	0	13	4
3023	55	40	54	31	28	29	16	11	24	13	5	8	17	4	7	8
3024	65	60	61	40	35	34	23	15	20	23	0	22	11	13	10	9
3025	59	56	60	43	39	33	21	15	18	16	7	12	10	0	9	9
3026	62	59	55	41	28	29	21	14	18	12	8	21	0	8	-1	-1
MEAN	61	58	56	39	29	30	22	14	18	18	8	15	12	9	7	5
S.D.	5.2	8.0	9.7	6.7	7.2	5.8	5.8	15.1	6.1	8.9	10.4	6.9	5.6	4.9	8.8	20.0
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	105-112	112-119	119-126	126-133	133-140	140-147
4001	61	59	54	46	31	32	22	21	16	16	10	8	5	11	-2	-2
4002	61	47	43	32	17	27	23	11	14	9	8	16	2	11		
4003	55	57	48	41	35	24	17	14	21	19	7	15	-5	20	14	11
4004	67	41	69	44	29	14	23	16	17	22	2	14	15	9	-4	15
4005	64	56	55	41	34	34	17	23								
4006	54	60	60	48	34	35	25	26	27	13	10	12	1	10	3	9
4007	57	54	48	36	30	21	24	16	20	17	11	10	17	11	1	15
4008	54	52	43	35	24	25	19	14	8	18	6	5	11	6	7	5
4009	57	52	52	21	18	17	29	25	26	33	13	18	20	20	6	17
4010	65	68	59	49	38	31	17	35	5	32	3	9	25	16	13	9
4011	54	57	46	46	35	27	14	22	15	13	13	2	15	12	3	14
4012	48	36	63	42	20	23	20	23	7	18	13	8	16	9	3	14
4013	62	58	55	40	38	28	18	16	14	19	9	11	13	8	2	17
4014	57	50	38	38	23	24	22	10	9	26	18	11	11	13	4	9
4015	63	57	61	47	39	35	27	-70	14	9	46	7	39	23	1	2
4016	48	51	52	34	24	19	36	15	18	18	19	6	9	-4	13	-4
4017	63	59	44	18	40	29	19	10	7	14	20	7	16	12	11	14
4018	44	50	49	31	33	31	16	24	18	20	18	15	1	10	4	20
4019	55	81	21	39	29	29	15	13	6	15	6	11	12	3	5	17
4020	54	62	53	47	40	27	26	-6	-13	14	21	24	1	-5	6	10
4021	57	58	58	49	35	27	28	25	22	5	15	20	16	-13	22	
4022	53	52	43	24	16	29	16	20	27	20	9	4	11	12	11	2
4023	67	61	54	45	28	23	20	1	22	-28	35	7	16	12	18	5
4024	59	32	67	32	23	20	9	17	8	8	14	13	9	4	6	8
4025	60	58	57	39	32	23	13	16	12	9	-1	12	8	7	-5	11
4026	63	58	55	37	30	35	18	23	16	13	11	16	21	-8	7	20
MEAN	58	55	52	38	30	26	20	14	14	15	13	11	12	8	6	10
S.D.	5.8	9.4	10.0	8.4	7.2	5.6	5.8	19.0	8.6	11.3	10.0	5.2	9.2	8.6	6.6	6.7
N	26	26	26	26	26	26	26	26	25	25	25	25	25	25	24	23

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 147-154	35-105	105-133	133-154	35-154
1001		380	57		
1002		360	36		
1003	8	427	71	34	533
1004	2	405	47	33	486
1005		364	33		
1006		345	51		
1007		343	35		
1008	6	360	43	19	423
1009	3	366	57	-9	414
1010		321	48		
1011		365	82		
1012		346	49		
1013	3	384	65	34	484
1014		333	39		
1015	-8	381	45	15	441
1016	12	360	80	39	479
1017	12	368	45	18	431
1018	6	323	56	13	392
1019	7	291	46	22	359
1020		296	46		
1021		326	41		
1022	9	350	51	28	429
1023		281	60		
1024		348	56		
1026	4	338	43	21	401
MEAN	5	350	51	22	439
S.D.	5.4	33.7	12.8	12.8	48.2
N	12	25	25	12	12

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 147-154	35-105	105-133	133-154	35-154
2001	-7	325	26	0	352
2002	10	301	64	27	391
2003	4	351	41	24	416
2004	6	337	59	15	411
2005		307	30		
2006	11	359	64	41	464
2007	-1	406	63	20	488
2008	-2	272	42	13	326
2009		244	50		
2010	16	376	58	37	471
2011		364	62		
2012	-56	293	-21	-25	247
2013	-2	383	44	11	438
2014	1	307	46	6	358
2015	8	367	50	30	447
2016	1	324	47	13	385
2017	-3	321	33	25	378
2018	-5	359	61	22	441
2019		361	-5		
2020	3	356	33	3	392
2021	-3	433	38	22	493
2022		405	55		
2023		312	54		
2024	0	328	58	9	395
2025		400	42		
2026	3	365	63	29	456
MEAN	-1	344	44	17	408
S.D.	14.7	44.1	20.5	15.0	61.1
N	19	26	26	19	19

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APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 147-154	35-105	105-133	133-154	35-154
3001	8	311	41	24	376
3002		415	46		
3003	6	313	56	35	403
3004	3	371	69	20	460
3005	10	347	38	18	403
3006		337	40		
3007		400	59		
3008		312	31		
3009	15	395	62	36	494
3010		375	39		
3011		303	35		
3012	19	372	55	12	438
3013	8	339	40	30	409
3014	5	289	40	24	353
3015	47	307	40	-27	319
3016		336	45		
3017	1	420	33	20	472
3018	-3	330	47	12	389
3019	0	314	32	21	367
3020	-4	334	45	19	397
3021	19	365	50	33	448
3022	4	328	38	22	387
3023		301	34		
3024	-2	376	46	18	440
3025	8	360	29	26	415
3026	-10	337	36	-12	361
MEAN	8	346	43	18	407
S.D.	12.4	36.6	10.0	15.6	45.1
N	18	26	26	18	18

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

MALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 147-154	35-105	105-133	133-154	35-154
4001		356	33		
4002		282	37		
4003	6	330	36	32	398
4004		341	39		
4006		382	33		
4007		322	48		
4008	4	292	28	16	336
4009		329	71		
4010		398	52		
4011	1	328	42	18	389
4012		299	45		
4013		346	42		
4014	2	297	53	15	364
4015	20	280	115	23	417
4016		314	30		
4017		303	55		
4018	3	314	45	26	385
4019		301	32		
4020	-2	304	40	15	359
4021		365	38		
4022	13	298	36	26	359
4023	3	293	70	26	389
4024		276	41		
4025	9	319	25	15	359
4026	8	349	40	34	423
MEAN	6	321	45	22	380
S.D.	6.1	31.9	18.4	7.1	26.9
N	11	25	25	11	11

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	35-105
1501	35	33	24	18	6	19	-3	14	7	8	161
1502	36	36	30	17	17	8	10	13	-2	13	180
1503	42	32	27	23	21	10	12	3	10	18	198
1504	41	27	14	31	25	3	5	17	13	3	180
1505	53	29	27	11	23	8	8	1	8	4	172
1506	24	31	25	15	20	6	10	7	8	7	153
1507	35	32	17	22	16	16	3	7	0	9	158
1508	38	27	14	27	13	10	4	11	1	15	160
1509	45	41	28	34	19	22	1	14	4	11	220
1510	34	23	24	24	15	11	3	11	7		
1511	36	28	35	14	11	21	8	18	4	-5	170
1512	41	29	27	11	15	18	6	4	13	4	168
1513	40	34	31	23	17	9	9	7	10	2	182
1514	42	32	18	27	11	13	12	-3	10	12	174
1515	47	23	24	18	16	14	9	4	11	10	175
1516	38	40	20	17	23	9	6	8	7	10	178
1517	43	23	29	11	30	4	17	5	15	0	177
1518	35	25	16	18	23	1	18	11	14	8	169
1519	47	33	29	19	21	10	12	13	6	4	196
1520	35	27	22	16	21	14	2	16	3	6	162
1521	35	34	22	24	14	29	-3	11	6	5	178
1522	35	30	27	24	11	17	6	4	14	4	173
1523	38	22	31	13	24	9	4	16	-5	16	168
1524	46	27	31	16	22	23	7	-3	15	5	188
1525	25	35	20	26	15	16	-2	15	7	5	162
1526	42	29	26	17	22	14	-1	14	5	7	175
MEAN	39	30	25	20	18	13	6	9	7	7	175
S.D.	6.5	5.0	5.6	6.2	5.5	6.7	5.6	6.0	5.2	5.2	14.4
N	26	26	26	26	26	26	26	26	26	25	25

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	35-105
2501	51	32	15	18	20	5	13	3	0	3	158
2502	44	26	32	15	10	8	12	0	2	9	157
2503	37	18	32	21	12	12	6	13	-1	6	156
2504	46	33	25	26	22	8	1	19	8	6	192
2505	39	24	24	13	16	11	8	12	4	-2	148
2506	39	29	19	26	14	8	8	-3	13	2	153
2507	44	38	26	26	24	19	9	-7	13	13	205
2508	35	29	19	15	13	10	10	12	13	1	156
2509	41	22	27	16	20	10	11	11	9	4	172
2510	50	39	20	31	24	11	6	12	11	4	206
2511	43	34	26	10	23	15	11	0	11	-2	172
2512	39	30	27	23	11	18	14	10	2	17	192
2513	39	33	29	11	27	14	13	-8	12	16	186
2514	38	36	28	19	12	16	15	27	-20	11	180
2515	44	39	30	19	27	1	5	22	-8	6	184
2516	42	32	30	31	33	-4	9	5	21	15	214
2517	42	32	17	14	19	18	2	5	7	15	168
2518	42	32	22	28	5	26	9	12	5	12	192
2519	37	14	21	12	10	16	8	14	13	-1	144
2520	36	31	23	10	22	9	11	-2	11	5	156
2521	40	21	21	15	19	2	19	10	5	-1	149
2522	43	22	26	21	11	5	13	8	4	-1	151
2523	51	35	24	28	15	13	18	4	-1	11	200
2524	31	40	33	22	19	-4	25	5	12	6	188
2525	45	19	33	21	15	21	-1	14	-3	11	174
2526	39	26	29	16	12	22	7	8	8	3	171
MEAN	41	29	25	19	17	11	10	8	6	6	174
S.D.	4.7	6.9	5.0	6.3	6.6	7.6	5.6	8.3	8.2	6.0	20.5
N	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	35-105
3501	46	29	24	10	20	8	14	-4	11	10	169
3502	29	24	30	8	9	15	0	9	9	11	145
3503	43	34	26	27	19	12	-5	12	23	21	212
3504	21	29	18	18	8	19	11	-5	34	1	153
3505	44	22	18	23	6	20	2	15	2	-6	145
3506	35	23	22	6	15	19	11	10	26	3	170
3507	36	26	29	12	12	12	3	8	0	14	151
3508	35	17	23	18	13	11	13	11	9	15	164
3509	31	24	17	13	11	4	15	-1	10	11	136
3510	27	27	24	15	7	18	11	12	-5	16	152
3511	38	36	29	11	25	8	13	11	23	15	208
3512	33	29	23	15	22	6	4	14	21	17	183
3513	48	33	25	17	4	25	7	4	17	14	194
3514	37	31	19	17	10	26	7	7	1	12	166
3515	45	29	28	18	10	15	12	4	5	-2	165
3516	44	27	22	23	17	4	-6	2	5	4	142
3517	39	32	26	18	24	5	19	6	2	8	178
3518	48	22	31	15	12	7	27	5	6	6	178
3519	44	28	19	18	4	16	4	10	6	9	158
3520	31	19	27	13	7	13	16	9	0	7	143
3521	40	24	23	24	-2	23	6	3	0	12	153
3522	29	17	25	6	20	6	16	11	-4	12	137
3523	28	26	23	14	15	10	22	5	20	1	165
3524	45	25	28	15	28	8	14	8	-2	20	188
3525	42	24	23	22	16	8	8	7	8	-4	153
3526	44	31	20	25	17	13	6	8	16	1	179
MEAN	38	26	24	16	13	13	10	7	9	9	165
S.D.	7.4	4.9	4.1	5.5	7.3	6.5	7.7	5.0	10.2	7.2	20.6
N	26	26	26	26	26	26	26	26	26	26	26

APPENDIX H F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL BODY WEIGHT GAIN (GRAMS)

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 35-42	42-49	49-56	56-63	63-70	70-77	77-84	84-91	91-98	98-105	35-105
4501	36	25	21	12	13	13	0	9	3	4	137
4502	30	22	22	18	13	16	-1	3	13	8	143
4503	31	36	24	22	4	19	12	4	-1	19	171
4504	42	20	30	9	16	17	14	0	-1	20	167
4505	41	16	30	7	4	27	-5	29	7	-11	146
4506	48	26	24	21	14	18	2	11	3	8	175
4507	34	25	23	23	15	12	18	-2	10	5	163
4508	36	21	17	12	17	10	13	0	1	10	138
4509	34	21	27	11	13	13	-7	20	5	10	147
4510	34	26	26	25	17	16	2	7	11	-1	164
4511	40	26	23	23	20	2	14	12	12	18	189
4512	26	22	28	9	22	12	7	-1	17	7	149
4513	37	25	34	10	23	3	23	4	11		
4514	32	16	17	4	19	9	5	-1	11	8	120
4515	23	29	20	21	11	19	8	3	2	12	147
4516	31	19	21	17	11	9	19	10	7	-2	141
4517	42	35	25	32	15	9	6	2	9	-4	172
4518	33	12	23	10	17	8	10	8	11	1	134
4519	33	20	18	23	11	15	-4	11	5	7	139
4520	41	22	26	19	16	19	-2	14	6	-8	154
4521	40	19	28	16	24	-3	16	14	2		
4522	34	25	22	12	17	6	12	14	3	-5	139
4523	42	30	27	23	12	17	18	8	0	15	192
4524	50	29	32	15	10	17	12	8	-6	18	186
4525	36	19	22	14	4	22	9	5	-3	11	139
4526	32	21	25	23	5	12	9	9	6	-1	141
MEAN	36	23	24	17	14	13	8	8	6	6	154
S.D.	6.1	5.6	4.4	6.8	5.6	6.6	8.0	7.0	5.6	8.6	19.3
N	26	26	26	26	26	26	26	26	26	24	24

APPENDIX I P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3

	DAY OF GESTATION				
ANIMAL#	0	4	7	14	20
1551	305	330	342	374	468
1552	295	315	338	369	428
1553	303	339	356	391	458
1554	272	302	309	344	408
1555	297	322	332	355	423
1556	317	335	345	375	447
1557	300	328	336	367	450
1558	297	303	314	341	402
1559x NP	327	355	363	349	359
1560	307	332	347	380	460
1561	287	302	306	329	396
1562x NP					
1563	291	323	342	359	423
1564	321	332	345	370	432
1565x NP					
1566	318	335	350	390	465
1567	300	330	341	365	449
1568	272	289	299	321	386
1569	269	285	301	324	375
1570	278	300	312	341	405
1571	319	344	357	378	457
1572	305	333	347	380	424
1573	270	284	287	324	387
1574	300	317	329	360	430
1575	259	280	287	316	363
1576	304	280	327	354	413
MEAN	295	315	328	357	424
S.D.	17.7	20.9	21.8	22.8	30.2
N	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX I P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF GESTATION 0	4	7	14	20
2551	290	321	326	349	394
2552	316	340	353	372	426
2553	285	310	318	344	413
2554	293	326	348	368	446
2555	249	275	281	307	382
2556	305	315	322	354	411
2557	308	335	351	384	448
2558	316	333	339	365	412
2559x NP	339	371	377	395	378
2560	279	293	304	324	366
2561	279	306	315	357	401
2562	310	332	336	370	442
2563	267	288	295	323	381
2564	302	326	323	354	409
2565	268	287	294	316	381
2566	288	305	317	338	405
2567	310	341	352	380	460
2568x NP					
2569	355	384	392	415	479
2570	307	328	337	365	420
2571	310	325	347	374	439
2572	293	310	321	352	414
2573	272	288	303	332	404
2574	296	309	315	348	429
2575	294	320	330	360	399
2576	293	319	333	367	447
MEAN	295	317	327	355	417
S.D.	21.3	23.0	24.0	24.2	27.7
N	24	24	24	24	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX I P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF GESTATION 0	4	7	14	20
3551	274	305	320	351	410
3552	292	314	330	363	419
3553	301	322	336	363	430
3554	269	302	311	343	408
3555	262	285	293	313	371
3556	286	306	317	345	416
3557x NP					
3558	280	288	296	324	406
3559	284	304	315	355	397
3560	264	289	302	342	390
3561	314	336	349	373	430
3562	313	345	353	381	448
3563	298	316	333	361	430
3564	287	313	323	358	440
3565	293	318	328	358	431
3566	266	291	303	319	388
3567	302	332	343	390	479
3568	297	257	323	350	437
3569	279	294	304	327	390
3570	286	312	316	351	404
3571	293	324	325	362	411
3572	280	300	313	343	404
3573	279	291	298	317	378
3574	330	369	386	430	513
3575	262	288	292	314	392
3576	287	299	311	336	416
MEAN	287	308	321	351	417
S.D.	17.0	22.8	21.5	26.1	31.1
N	25	25	25	25	25

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX I P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3

	DAY OF GESTATION				
ANIMAL#	0	4	7	14	20
4551	274	293	302	328	398
4552	286	312	321	347	398
4553	280	304	322	348	413
4554	288	315	331	365	420
4555	283	317	333	363	438
4556	296	312	322	348	435
4557	272	293	297	330	399
4558	265	287	296	313	378
4559	279	293	305	326	392
4560	321	348	365	394	460
4561	257	285	291	317	375
4562	265	287	295	329	397
4563	277	295	305	339	396
4564	258	274	282	305	346
4565	286	312	322	349	419
4566	283	305	315	348	422
4567	285	318	332	364	421
4568	288	305	320	351	415
4569	284	308	326	351	394
4570	248	271	277	294	318
4571	342	352	365	380	477
4572	260	293	305	339	416
4573	296	322	331	360	425
4574	294	314	324	364	429
4575	293	315	323	344	377
4576	287	312	318	344	393
MEAN	282	305	316	344	406
S.D.	19.5	19.0	21.2	22.4	32.7
N	26	26	26	26	26

APPENDIX I F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3

	DAY OF GESTATION				
ANIMAL#	0	4	7	14	20
1501	263	291	307	338	402
1502	296	312	320	354	421
1503	275	296	307	336	381
1505	268	290	297	328	379
1506	270	292	298	328	385
1507x NP					
1508	267	297	307	333	380
1509x NP	319	332	345	363	350
1510	289	302	315	339	410
1511	294	309	319	346	414
1512	279	299	309	336	393
1513	298	316	330	357	433
1514x NP					
1515x NP					
1516	276	299	310	336	391
1517	294	321	333	363	431
1518	285	309	318	344	405
1519	314	329	341	371	432
1520x NP	247	264	274	275	273
1521	302	304	312	344	400
1522	286	314	319	344	404
1523	272	294	299	328	345
1524	298	319	326	372	435
1525	282	303	311	361	431
1526	303	323	340	369	439
MEAN	286	306	316	346	406
S.D.	14.1	11.6	12.9	14.6	24.6
N	20	20	20	20	20

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX I F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF GESTATION 0	4	7	14	20
2501	280	313	319	353	409
2502	285	302	299	323	397
2503	263	290	304	334	384
2504	290	314	320	346	374
2505	270	284	290	323	370
2506	274	289	308	327	390
2507	314	335	347	383	443
2508	254	273	280	305	369
2509	300	320	335	362	426
2510	318	345	358	391	447
2511	274	306	322	348	407
2512	278	299	309	334	386
2513x NP					
2514x NP					
2515	292	313	322	337	390
2516x NP					
2517	275	299	304	334	390
2518	320	337	342	362	400
2519	248	266	273	296	349
2520	270	288	300	324	372
2521	271	295	300	321	355
2522	258	280	291	327	385
2523	296	313	313	345	411
2524x NP					
2525	280	304	315	339	415
2526x NP	296	311	319	321	308
MEAN	281	303	312	339	394
S.D.	19.9	20.6	21.4	23.0	25.8
N	21	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX I F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3

	DAY OF GESTATION				
ANIMAL#	0	4	7	14	20
3501	281	305	319	345	419
3502x NP					
3503	312	337	347	376	431
3504x NP					
3505	268	294	309	336	395
3506x NP					
3507	272	278	287	320	388
3508	296	316	326	347	388
3509	272	293	311	344	418
3510	264	286	296	321	361
3511	325	346	346	375	435
3512	282	309	322	350	420
3513	289	317	328	364	473
3514	295	313	324	357	405
3515	293	314	328	362	420
3516	279	309	309	354	441
3517	296	318	333	362	409
3518	310	341	356	383	438
3519	271	289	300	325	381
3520	267	278	293	320	372
3521	290	309	317	344	400
3522	265	290	305	340	413
3523	275	297	308	344	403
3524	345	370	380	416	505
3525	289	306	313	340	416
3526	297	311	316	344	412
MEAN	288	310	321	351	415
S.D.	20.2	22.3	21.5	22.4	31.3
N	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX I F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3

	DAY OF GESTATION				
ANIMAL#	0	4	7	14	20
4501	246	267	274	296	351
4502	270	293	304	332	399
4503	295	328	347	367	455
4504	282	318	335	374	452
4505	267	295	307	342	395
4506	268	288	301	330	380
4507	285	309	318	341	408
4508	247	270	274	291	362
4509	257	279	286	311	365
4510	298	332	339	370	392
4511	266	296	306	330	403
4512	261	294	317	350	414
4513xNNMD					
4514x NP					
4515	265	286	294	323	350
4516	235	253	265	290	355
4517	306	324	337	373	432
4518	254	274	282	302	351
4519	258	283	292	323	369
4520	259	280	289	323	348
4521	263	290	301	330	405
4522	247	265	270	300	371
4523	297	327	335	370	437
4524	278	299	310	339	393
4526	259	279	283	315	366
MEAN	268	292	303	332	389
S.D.	18.6	21.9	24.0	26.8	32.9
N	23	23	23	23	23

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

APPENDIX J P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP I 0 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
1551	25	12	32	94	163
1552	19	23	31	59	133
1553	36	17	35	67	155
1554	30	7	36	64	136
1555	25	9	23	68	126
1556	18	10	30	72	130
1557	28	8	32	83	150
1558	6	11	27	61	104
1559x NP	28	8	-14	11	32
1560	25	15	33	81	153
1561	16	4	23	67	109
1562x NP					
1563	32	19	17	63	131
1564	11	13	26	62	111
1565x NP					
1566	16	15	40	75	146
1567	30	11	25	83	149
1568	18	9	23	65	114
1569	16	16	23	52	107
1570	23	11	29	65	128
1571	25	13	21	79	138
1572	28	14	33	44	119
1573	13	4	37	63	117
1574	17	12	31	70	130
1575	20	7	30	47	104
1576	-24	47	27	58	108
MEAN	20	13	29	67	129
S.D.	12.0	8.7	5.7	11.9	18.0
N	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX J P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
2551	30	6	22	45	104
2552	25	12	19	55	111
2553	25	7	26	69	128
2554	33	22	20	78	153
2555	26	6	26	75	133
2556	10	8	32	57	106
2557	27	17	33	64	141
2558	17	6	26	48	97
2559x NP	33	5	19	-18	39
2560	13	11	20	42	87
2561	27	9	42	44	122
2562	22	5	33	72	132
2563	21	7	28	59	114
2564	23	-3	31	55	107
2565	19	7	21	66	113
2566	17	12	21	68	117
2567	31	11	28	80	150
2568x NP					
2569	29	8	23	64	123
2570	21	9	28	55	113
2571	15	22	28	64	129
2572	17	11	30	63	121
2573	16	15	30	72	132
2574	13	6	33	81	133
2575	26	11	30	39	105
2576	27	13	34	80	154
MEAN	22	10	28	62	122
S.D.	6.2	5.4	5.6	12.6	17.5
N	24	24	24	24	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX J P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
3551	30	15	31	59	135
3552	22	16	33	56	127
3553	21	14	27	67	129
3554	32	10	32	64	138
3555	23	7	21	58	110
3556	21	11	28	71	130
3557x NP					
3558	8	9	28	81	126
3559	19	12	40	42	113
3560	25	13	39	48	126
3561	22	13	24	57	116
3562	32	8	28	68	136
3563	19	17	28	68	132
3564	26	10	36	82	153
3565	24	10	31	72	137
3566	26	12	16	69	122
3567	30	11	47	89	177
3568	-41	66	27	87	140
3569	15	10	23	63	111
3570	26	4	35	53	119
3571	30	1	37	49	118
3572	19	14	30	62	124
3573	12	8	19	61	99
3574	39	17	44	83	183
3575	25	5	22	78	130
3576	12	12	25	81	130
MEAN	21	13	30	67	130
S.D.	14.6	11.8	7.7	12.7	18.8
N	25	25	25	25	25

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX J P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP IV 20000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
4551	20	8	26	70	124
4552	26	9	26	51	112
4553	25	17	26	65	133
4554	27	16	34	55	133
4555	33	17	29	75	155
4556	16	10	26	88	139
4557	21	4	32	70	127
4558	22	8	18	64	113
4559	15	11	21	66	113
4560	27	17	29	66	139
4561	28	6	26	58	118
4562	22	8	34	68	132
4563	18	9	34	57	119
4564	16	8	22	41	88
4565	26	11	27	70	133
4566	22	10	33	74	139
4567	33	15	32	57	136
4568	17	15	31	64	127
4569	24	18	25	43	109
4570	23	7	17	24	71
4571	11	13	15	98	136
4572	33	12	33	78	157
4573	26	9	29	65	129
4574	20	10	40	65	135
4575	22	8	21	34	84
4576	25	6	27	48	106
MEAN	23	11	27	62	123
S.D.	5.7	4.0	6.0	15.8	20.1
N	26	26	26	26	26

APPENDIX J F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP I 0 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
1501	28	17	31	64	139
1502	16	9	33	67	125
1503	21	11	29	46	107
1505	22	8	30	52	111
1506	22	6	31	57	116
1507x NP					
1508	29	10	26	47	113
1509x NP	13	14	17	-12	32
1510	13	12	24	71	121
1511	15	11	27	68	120
1512	20	9	27	58	114
1513	17	14	27	76	134
1514x NP					
1515x NP					
1516	24	10	27	55	116
1517	26	12	30	69	137
1518	24	9	26	61	120
1519	15	12	30	61	119
1520x NP	17	11	0	-2	26
1521	3	8	33	55	98
1522	28	5	25	60	118
1523	22	5	30	16	73
1524	21	7	47	63	137
1525	20	8	50	70	148
1526	20	16	29	71	136
MEAN	20	10	30	59	120
S.D.	6.1	3.4	6.5	13.0	16.8
N	20	20	20	20	20

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX J F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
2501	33	6	35	55	128
2502	17	-3	24	74	113
2503	27	14	30	50	120
2504	24	7	26	28	85
2505	14	6	33	46	100
2506	15	19	18	63	115
2507	21	13	36	60	129
2508	20	7	25	63	115
2509	21	14	27	64	126
2510	28	13	33	55	129
2511	32	16	26	59	133
2512	22	10	26	52	108
2513x NP					
2514x NP					
2515	22	8	15	53	99
2516x NP					
2517	23	5	30	56	115
2518	16	5	21	38	80
2519	18	7	23	54	102
2520	18	12	24	49	102
2521	24	5	21	33	83
2522	22	11	36	58	127
2523	16	0	33	66	115
2524x NP					
2525	23	12	24	76	135
2526x NP	15	8	2	-13	12
MEAN	22	9	27	55	112
S.D.	5.1	5.2	5.9	11.9	16.5
N	21	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX J F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
3501	24	14	26	75	138
3502x NP					
3503	24	10	29	55	119
3504x NP					
3505	26	15	27	59	127
3506x NP					
3507	6	9	33	68	116
3508	21	10	21	41	92
3509	21	18	34	74	146
3510	22	10	25	40	97
3511	22	-1	29	60	110
3512	27	13	28	71	139
3513	28	11	36	109	184
3514	19	11	33	48	110
3515	21	15	34	58	128
3516	30	0	45	87	162
3517	22	15	30	47	113
3518	30	16	27	55	128
3519	18	12	25	56	110
3520	11	15	28	52	105
3521	18	9	27	56	110
3522	25	16	34	73	148
3523	21	11	36	59	128
3524	25	10	35	89	160
3525	16	7	27	76	127
3526	14	5	28	68	116
MEAN	21	11	30	64	127
S.D.	5.8	4.7	5.3	16.4	22.2
N	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX J F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION BODY WEIGHT GAIN (GRAMS)

GROUP IV 20000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20	0 - 20
4501	20	7	23	55	104
4502	24	11	28	67	130
4503	33	19	20	87	160
4504	36	17	39	78	170
4505	29	12	35	53	129
4506	20	13	30	50	112
4507	24	9	23	67	123
4508	23	5	17	71	116
4509	22	7	25	54	107
4510	34	7	31	22	95
4511	30	10	24	73	137
4512	33	23	34	63	153
4513xNNMD					
4514x NP					
4515	21	8	29	26	84
4516	18	12	25	66	120
4517	17	14	36	59	126
4518	20	8	20	49	97
4519	24	10	31	46	111
4520	21	9	35	25	89
4521	27	11	29	75	142
4522	18	5	30	71	124
4523	29	8	36	66	139
4524	21	11	29	54	115
4526	20	4	32	51	107
MEAN	25	10	29	58	121
S.D.	5.7	4.5	5.8	16.8	21.9
N	23	23	23	23	23

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

APPENDIX K P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
1551	339	360	370	395	404	364
1552	316	338	348	379	373	337
1553	336	368	379	392	391	378
1554	303	312	339	357	350	316
1555	304	326	346	364	353	334
1556	348	352	373	387	392	341
1557	327	350	362	399	404	338
1558	325	336	351	361	353	306
1559x NP						
1560	334	363	375	381	371	350
1561	304	290	317	345	339	325
1562x NP						
1563	322	343	359	384	373	331
1564	326	312	327	368	359	334
1565x NP						
1566	354	365	366	409	381	352
1567	351	346	367	371	358	336
1568	288	290	312	341	340	307
1569	288	316	329	360	341	288
1570	265	318	345	361	348	316
1571	355	334	363	417	386	366
1572	330	326	348	390	374	341
1573	287	310	336	350	351	315
1574	310	303	337	366	351	323
1575	280	278	305	337	339	285
1576	324	343	362	395	377	340
MEAN	318	330	348	374	366	331
S.D.	24.9	25.5	20.8	21.8	20.6	23.2
N	23	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX K P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
2551	314	309	340	356	351	322
2552	341	349	333	385	382	352
2553	317	307	331	364	379	320
2554	336	335	352	302	380	346
2555	273	284	296	321	321	276
2556	313	340	348	375	362	317
2557	331	322	344	371	364	338
2558	332	344	363	386	362	335
2559x NP						
2560	319	326	341	360	340	324
2561	324	329	345	351	353	313
2562	322	336	370	388	380	330
2563	296	278	304	327	329	282
2564	318	331	351	370	341	333
2565	283	286	312	344	338	297
2566	312	315	320	342	337	326
2567	344	339	370	400	392	345
2568x NP						
2569	393	372	402	417	414	395
2570	310	282	329	359	357	336
2571	332	337	362	373	388	344
2572	300	308	342	354	341	321
2573	298	293	314	335	340	297
2574	305	319	346	364	371	327
2575	314	330	342	373	367	322
2576	308	321	340	380	374	326
MEAN	318	320	342	362	361	326
S.D.	23.5	23.7	23.3	25.7	22.8	24.1
N	24	24	24	24	24	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX K P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
3551	297	306	336	370	369	313
3552	315	336	344	345	338	311
3553	325	315	335	366	364	303
3554	306	308	312	348	325	299
3555	290	278	302	321	313	283
3556	300	311	344	350	344	301
3557x NP						
3558	295	316	324	338	336	286
3559	328	354	351	336	367	332
3560	302	322	332	362	335	295
3561	335	330	352	366	367	315
3562	331	346	368	385	377	351
3563	329	329	345	375	340	332
3564	326	324	358	391	372	344
3565	297	314	327	367	360	330
3566	302	310	326	348	321	313
3567	335	350	387	390	376	330
3568	302	324	350	364	360	318
3569	284	305	329	342	343	325
3570	309	320	339	350	343	335
3571	329	329	354	364	348	334
3572	311	311	324	339	344	317
3573	292	311	329	349	320	288
3574	371	378	405	404	382	362
3575	299	306	319	356	346	322
3576	305	316	337	359	351	322
MEAN	313	322	341	359	350	318
S.D.	19.5	19.9	22.4	19.4	19.2	20.1
N	25	25	25	25	25	25

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX K P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
4551	290	294	326	342	342	301
4552	313	318	327	356	342	329
4553	322	327	350	377	369	340
4554	332	326	362	380	354	321
4555	329	327	340	374	370	345
4556	328	315	350	371	374	349
4557	297	314	335	350	360	326
4558	296	299	304	334	316	298
4559	314	329	331	368	373	344
4560	353	367	377	387	372	372
4561	288	293	326	348	364	320
4562	277	288	310	329	336	305
4563	294	314	347	354	343	308
4564	286	291	320	331	321	283
4565	323	326	345	378	365	326
4566	315	339	344	360	363	331
4567	343	367	357	369	350	346
4568	303	323	347	375	368	320
4569	307	324	355	377	378	327
4570	283	282	291	305	309	299
4571	358	369	382	404	390	360
4572	294	303	328	346	358	321
4573	337	331	343	372	366	334
4574	295	320	348	369	370	351
4575	318	327	349	370	353	314
4576	324	332	341	368	353	341
MEAN	312	321	340	361	356	327
S.D.	22.0	23.0	20.4	21.3	19.6	20.9
N	26	26	26	26	26	26

APPENDIX K F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
1501	304	316	337	373	369	314
1502	304	326	338	358	372	345
1503	303	309	321	324	316	277
1504	312	320	317	331	337	301
1505	293	315	320	322	335	285
1506	294	317	299	302	324	306
1507x NP						
1508	292	296	312	358	363	325
1509x NP						
1510	299	312	332	355	354	315
1511	312	326	325	356	362	333
1512	308	314	303	322	318	315
1513	308	318	330	368	380	341
1514x NP						
1515x NP						
1516	314	314	326	345	352	307
1517	326	344	347	367	370	345
1518	301	330	333	365	363	333
1519	347	365	362	375	398	359
1520x NP						
1521	314	316	321	363	364	332
1522	317	315	324	342	343	325
1523	295	303	319	337	332	315
1524	325	334	279	381	398	355
1525	315	332	345	389	341	351
1526	336	354	355	378	390	343
MEAN	310	323	326	353	356	325
S.D.	14.3	16.4	18.9	23.1	24.4	22.3
N	21	21	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX K F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
2501	334	337	345	359	353	328
2502	295	315	325	352	327	319
2503	309	301	304	323	325	282
2504	337	328	336	342	334	345
2505	299	298	298	329	343	309
2506	292	301	304	314	349	323
2507	353	349	363	375	384	355
2508	270	279	303	303	303	277
2509	334	343	345	355	353	327
2510	355	364	375	376	379	346
2511	323	334	343	371	373	338
2512	289	292	297	329	324	299
2513x NP						
2514x NP						
2515	309	319	334	359	339	312
2516x NP						
2517	292	301	305	334	332	302
2518	337	353	366	386	377	335
2519	261	262	278	316	300	291
2520	293	306	315	329	345	303
2521	306	317	315	327	318	314
2522	304	324	331	341	336	318
2523	319	322	331	363	367	321
2524x NP						
2525	330	342	364	380	358	324
2526x NP						
MEAN	311	318	327	346	344	318
S.D.	25.5	25.6	26.5	24.1	23.8	20.6
N	21	21	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX K F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
3501	291	301	311	339	342	304
3502x NP						
3503	334	338	347	363	374	342
3504x NP						
3505	302	305	305	342	349	305
3506x NP						
3507	297	310	325	345	346	297
3508	324	326	327	345	342	329
3509	300	330	342	374	344	313
3510	304	316	323	331	323	293
3511	341	354	364	388	389	352
3512	318	333	356	372	369	326
3513	328	346	346	354	355	330
3514	308	330	340	362	354	315
3515	310	343	348	364	359	338
3516	322	333	337	360	370	315
3517	339	339	345	352	346	329
3518	340	349	361	373	357	328
3519	297	307	323	356	349	321
3520	294	312	327	357	332	314
3521	303	322	341	363	355	322
3522	312	318	327	365	357	329
3523	303	317	323	355	349	320
3524	387	395	411	436	419	374
3525	313	331	346	365	368	332
3526	330	340	357	384	366	348
MEAN	317	330	340	363	357	325
S.D.	21.8	20.4	21.9	21.1	19.7	18.3
N	23	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX K F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3

	DAY OF LACTATION					
Animal No.	1	4	7	14	21	28
4501	276	283	294	313	310	284
4502	292	298	319	353	354	314
4503	331	347	363	391	349	334
4504	348	351	361	392	380	346
4505	307	321	330	346	353	334
4506	290	303	302	325	332	308
4507	315	352	361	373	369	332
4508	263	281	287	298	307	294
4509	277	296	287	244	318	295
4510	325	336	342	365	350	333
4511	294	315	322	357	348	311
4512	317	320	321	365	325	325
4513xNNMD						
4514x NP						
4515	302	312	315	352	343	314
4516	268	275	292	300	289	276
4517	349	360	363	379	385	335
4518	287	296	304	326	323	283
4519	290	298	315	342	340	308
4520	301	320	312	336	333	290
4521	310	314	323	341	336	298
4522	274	290	295	305	301	284
4523	331	346	345	374	368	333
4524	310	332	334	367	352	295
4525	259	276	287	293	302	262
4526	297	300	296	337	319	321
MEAN	300	313	320	340	337	309
S.D.	24.9	25.6	25.7	35.4	25.5	22.6
N	24	24	24	24	24	24

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

APPENDIX L P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP I 0 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
1551	21	10	25	9	-40	25
1552	22	10	31	-6	-36	21
1553	32	11	13	-1	-12	42
1554	10	27	17	-7	-34	13
1555	21	20	18	-11	-19	30
1556	4	21	14	4	-51	-7
1557	23	12	37	5	-65	12
1558	11	15	9	-7	-48	-20
1559x NP						
1560	29	12	6	-9	-21	16
1561	-15	27	28	-6	-15	20
1562x NP						
1563	21	16	25	-12	-42	9
1564	-13	15	41	-9	-25	8
1565x NP						
1566	11	1	43	-28	-29	-2
1567	-5	20	4	-13	-22	-15
1568	2	22	30	-1	-33	19
1569	28	14	31	-19	-53	1
1570	53	26	17	-14	-31	51
1571	-21	30	54	-31	-20	12
1572	-3	21	43	-16	-33	12
1573	23	26	14	1	-36	28
1574	-7	34	30	-15	-29	12
1575	-2	27	32	3	-55	5
1576	19	19	33	-18	-37	16
MEAN	11	19	26	-9	-34	13
S.D.	17.8	7.9	13.0	10.1	13.6	16.4
N	23	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX L P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP II 2000 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
2551	-5	31	15	-5	-29	8
2552	8	-17	52	-3	-31	11
2553	-11	25	33	15	-59	3
2554	-1	17	-49	77	-34	10
2555	11	11	26	0	-45	3
2556	28	8	27	-13	-45	4
2557	-9	22	27	-7	-26	7
2558	12	19	23	-24	-28	3
2559x NP						
2560	7	15	19	-21	-16	5
2561	5	16	6	2	-41	-11
2562	14	34	18	-8	-49	9
2563	-17	25	24	2	-47	-14
2564	13	20	19	-29	-7	15
2565	3	26	32	-6	-41	14
2566	3	6	22	-5	-11	14
2567	-5	31	30	-8	-47	2
2568x NP						
2569	-21	30	15	-3	-19	2
2570	-28	47	31	-2	-21	26
2571	6	25	10	16	-44	13
2572	8	34	13	-13	-20	21
2573	-5	21	21	5	-43	-1
2574	15	27	18	6	-43	23
2575	16	12	30	-6	-45	8
2576	13	20	40	-6	-48	19
MEAN	3	21	21	-1	-35	8
S.D.	13.1	12.3	17.9	19.8	13.8	9.5
N	24	24	24	24	24	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX L P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP III 10000 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
3551	9	30	34	-1	-57	16
3552	21	8	2	-7	-27	-4
3553	-10	20	30	-1	-62	-22
3554	2	4	36	-24	-26	-7
3555	-13	25	19	-8	-30	-7
3556	11	33	6	-7	-43	1
3557x NP						
3558	21	8	14	-2	-50	-9
3559	26	-3	-15	31	-35	4
3560	20	10	30	-27	-41	-8
3561	-5	22	15	0	-52	-20
3562	15	22	17	-8	-26	20
3563	0	16	31	-36	-8	3
3564	-3	35	33	-19	-28	18
3565	17	14	39	-7	-30	33
3566	8	16	22	-27	-8	11
3567	15	38	3	-14	-46	-5
3568	22	26	14	-4	-42	16
3569	21	24	14	1	-19	40
3570	11	19	10	-7	-8	26
3571	0	25	10	-16	-13	5
3572	0	14	14	6	-28	6
3573	19	18	21	-29	-32	-4
3574	7	28	-1	-22	-19	-8
3575	7	12	38	-10	-24	23
3576	12	21	22	-9	-29	17
MEAN	9	19	18	-10	-31	6
S.D.	10.6	9.8	13.5	13.7	14.9	15.8
N	25	25	25	25	25	25

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX L P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP IV 20000 MG/M3

	DAY OF LACTATION					
FEMALE#	1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
4551	4	32	15	1	-41	11
4552	5	9	29	-14	-13	16
4553	5	22	28	-8	-29	18
4554	-6	35	19	-26	-34	-12
4555	-2	13	34	-5	-25	16
4556	-13	36	21	3	-25	21
4557	17	21	15	10	-33	29
4558	2	6	30	-19	-18	2
4559	15	2	36	5	-29	30
4560	14	10	10	-15	-1	19
4561	5	33	22	16	-44	32
4562	11	22	19	7	-30	28
4563	20	33	7	-11	-35	14
4564	5	29	12	-10	-38	-3
4565	4	19	32	-12	-39	3
4566	24	6	16	2	-32	16
4567	24	-10	13	-20	-4	3
4568	20	24	28	-7	-48	17
4569	17	31	22	1	-51	20
4570	0	9	14	4	-9	17
4571	11	14	21	-14	-30	2
4572	9	25	18	12	-36	28
4573	-6	13	29	-6	-32	-3
4574	26	27	22	1	-19	57
4575	9	22	20	-17	-39	-4
4576	8	9	27	-15	-13	17
MEAN	9	19	21	-5	-29	15
S.D.	9.9	11.8	7.7	10.8	13.1	14.4
N	26	26	26	26	26	26

APPENDIX L F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP I 0 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
1501	12	20	36	-4	-55	10
1502	22	12	20	14	-27	42
1503	6	12	3	-7	-39	-26
1504	8	-3	14	6	-36	-11
1505	22	4	2	14	-50	-8
1506	24	-18	3	22	-18	12
1507x NP						
1508	4	17	46	6	-38	33
1509x NP						
1510	13	20	23	-1	-39	16
1511	14	-1	31	6	-29	21
1512	6	-11	19	-4	-3	7
1513	10	13	38	11	-39	33
1514x NP						
1515x NP						
1516	0	12	19	7	-45	-7
1517	18	3	20	3	-25	19
1518	29	3	33	-3	-30	33
1519	18	-3	14	23	-39	12
1520x NP						
1521	2	5	42	1	-32	19
1522	-2	9	18	1	-18	8
1523	8	16	18	-5	-17	20
1524	10	-55	102	17	-43	31
1525	17	13	44	-48	10	36
1526	18	1	23	12	-48	6
MEAN	12	3	27	3	-31	15
S.D.	8.3	16.6	21.5	14.6	15.7	17.4
N	21	21	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX L F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP II 2000 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
2501	2	9	14	-6	-26	-7
2502	20	10	28	-25	-8	24
2503	-7	3	19	2	-43	-27
2504	-9	8	6	-8	11	7
2505	-1	0	31	14	-34	11
2506	9	3	11	35	-27	31
2507	-4	14	12	9	-29	2
2508	9	24	0	0	-26	7
2509	9	3	10	-3	-26	-7
2510	9	10	2	3	-33	-9
2511	10	9	28	2	-35	14
2512	3	4	33	-5	-26	10
2513x NP						
2514x NP						
2515	10	15	26	-20	-27	4
2516x NP						
2517	10	3	29	-2	-30	10
2518	16	12	20	-9	-42	-2
2519	1	16	38	-16	-9	30
2520	13	9	14	17	-42	10
2521	11	-2	12	-9	-4	8
2522	20	7	10	-5	-18	14
2523	2	10	32	4	-46	2
2524x NP						
2525	12	22	16	-21	-34	-6
2526x NP						
MEAN	7	9	18	-2	-26	6
S.D.	8.0	6.7	10.9	13.7	14.1	13.5
N	21	21	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX L F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP III 10000 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
3501	10	10	29	3	-38	13
3502x NP						
3503	4	9	16	11	-32	8
3504x NP						
3505	3	0	37	8	-45	3
3506x NP						
3507	13	15	20	0	-49	-1
3508	1	2	18	-3	-13	5
3509	30	12	32	-30	-31	13
3510	12	6	9	-9	-30	-11
3511	13	10	24	0	-37	11
3512	15	23	17	-4	-43	7
3513	18	-1	8	1	-24	2
3514	22	10	22	-8	-39	8
3515	33	5	16	-5	-21	29
3516	12	3	23	11	-55	-6
3517	0	6	8	-7	-16	-9
3518	9	12	12	-16	-30	-12
3519	10	16	34	-7	-28	24
3520	19	15	30	-25	-18	20
3521	19	19	22	-8	-32	20
3522	6	9	38	-8	-29	16
3523	14	6	31	-6	-29	16
3524	8	16	25	-17	-45	-14
3525	18	15	19	3	-36	19
3526	10	17	27	-18	-18	18
MEAN	13	10	22	-6	-32	8
S.D.	8.2	6.3	8.9	10.5	10.9	12.2
N	23	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX L F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION BODY WEIGHT GAIN (GRAMS)

GROUP IV 20000 MG/M3

FEMALE#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28	1 - 28
4501	7	11	19	-3	-26	9
4502	6	21	33	1	-40	22
4503	16	16	28	-42	-14	3
4504	4	10	30	-12	-35	-2
4505	14	8	17	6	-18	27
4506	13	-1	23	7	-24	19
4507	38	9	11	-3	-38	17
4508	18	6	11	9	-13	30
4509	20	-9	-43	74	-23	18
4510	11	6	23	-15	-16	8
4511	21	7	35	-9	-37	17
4512	3	1	44	-40	0	8
4513xNNMD						
4514x NP						
4515	9	3	37	-9	-29	12
4516	7	17	8	-11	-13	8
4517	11	3	16	7	-51	-14
4518	9	8	22	-3	-40	-4
4519	8	16	27	-2	-32	18
4520	19	-7	24	-2	-44	-11
4521	4	10	18	-6	-38	-12
4522	16	5	10	-4	-17	10
4523	15	0	28	-5	-35	2
4524	22	2	33	-16	-57	-15
4525	17	11	6	9	-39	3
4526	3	-4	41	-17	2	24
MEAN	13	6	21	-4	-28	8
S.D.	8.0	7.5	17.2	21.0	14.9	13.1
N	24	24	24	24	24	24

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
1051	121	99	85	77	76	69	64	68	61	58	60	53	52	48	52
1052	117	95	85	80	66	70	65	63	41	57	57	51	51	50	50
1053	113	90	84	76	71	70	64	63	57	55	57	50	51	50	SF
1054	122	102	91	82	70	64	62	61	55	54	56	49	48	46	48
1055	112	95	85	76	67	64	59	59	55	53	53	51	48	48	48
1056	124	105	96	90	76	77	74	71	67	64	64	63	59	58	60
1057	128	106	92	82	75	69	65	53	63	58	56	51	52	49	53
1058	128	108	89	84	74	57	63	62	58	59	56	52	50	51	50
1059	122	98	89	75	64	63	60	58	57	55	57	50	47	51	49
1060	110	98	81	75	67	63	58	56	54	50	52	48	49	48	49
1061	108	96	91	83	71	67	62	61	59	55	56	49	52	50	47
1062	112	99	86	78	70	72	64	65	63	61	65	69	63	59	58
1063	121	98	85	77	69	64	63	61	59	58	59	54	55	49	51
1064	116	95	83	78	65	66	65	63	60	56	57	52	51	48	53
1065	118	98	84	77	62	68	66	65	57	59	60	63	55	54	53
1066	113	97	90	75	72	69	66	65	62	59	52	56	52	54	56
1067	118	100	92	85	73	67	62	63	57	56	54	51	49	49	45
1068	131	102	93	87	68	72	67	68	59	56	58	55	54	52	50
1069	109	92	86	79	69	66	62	51	58	55	56	52	51	45	47
1070	123	101	93	82	72	73	71	69	63	62	60	56	49	55	54
1071	108	95	86	79	73	65	63	66	59	58	55	54	51	48	49
1072	112	93	88	79	68	66	61	61	56	56	52	50	46	45	46
1073	116	100	86	82	70	68	62	63	63	58	59	55	53	54	53
1074	113	94	86	80	63	66	63	59	58	55	53	53	51	48	46
1075	113	102	91	81	74	72	66	65	66	59	56	54	51	52	51
1076	123	106	92	81	74	70	69	68	62	58	58	54	50	47	49
MEAN	117	99	88	80	70	68	64	62	59	57	57	54	52	50	51
S.D.	6.5	4.5	3.8	3.8	4.0	4.0	3.4	4.7	4.9	3.0	3.3	4.7	3.6	3.6	3.7
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	25

SF=Spilled Feeder

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
2051	111	94	86	76	68	65	62	58	57	53	54	52	49	50	50
2052	118	97	84	73	66	62	59	56	55	53	55	48	50	50	52
2053	118	101	91	81	74	68	63	61	61	53	53	49	50	52	50
2054	112	94	86	77	70	65	61	61	56	55	53	48	50	46	47
2055	123	103	87	83	72	66	64	63	58	56	55	47	50	47	48
2056	115	97	85	75	69	68	58	61	59	54	54	49	46	47	46
2057	114	99	84	77	71	65	60	60	54	53	52	53	47	46	46
2058	108	92	80	74	70	70	65	64	60	57	49	58	57	52	53
2059	124	104	95	86	76	70	65	61	69	55	54	44	53	51	51
2060	120	98	87	81	73	69	62	66	63	50	58	52	54	55	52
2061	119	97	87	81	72	68	66	62	56	54	52	48	51	50	51
2062	124	104	90	81	75	66	65	63	60	58	57	51	54	53	49
2063	110	97	85	77	72	68	65	61	59	59	57	52	52	53	49
2064	116	101	91	78	72	68	64	64	60	60	56	52	53	50	51
2065	118	97	88	78	72	71	64	65	60	57	53	51	52	51	52
2066	130	111	96	87	71	78	70	67	62	58	48	55	50	50	53
2067	113	95	87	72	67	63	61	59	58	54	52	52	50	50	49
2068	114	99	86	78	71	68	65	62	59	57	53	53	51	48	46
2069	118	104	83	79	74	71	70	65	58	57	56	51	49	52	48
2070	117	101	81	76	64	64	62	64	58	53	54	52	50	49	50
2071	115	102	84	74	66	62	58	57	56	56	50	46	47	47	43
2072	124	100	82	75	70	65	61	59	58	57	54	51	51	50	50
2073	115	101	87	80	71	65	65	56	61	58	57	55	56	52	53
2074	122	105	90	78	77	68	69	66	60	60	59	53	50	50	49
2075	129	106	93	81	75	70	67	65	62	56	55	56	54	52	53
2076	122	108	92	79	72	70	66	61	57	55	57	49	49	47	50
MEAN	118	100	87	78	71	67	64	62	59	56	54	51	51	50	50
S.D.	5.6	4.5	4.0	3.7	3.3	3.3	3.3	3.0	2.9	2.5	2.8	3.2	2.7	2.2	2.6
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP III 10000 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
3051	126	99	SF	87	77	70	66	62	61	56	56	53	50	48	49
3052	115	96	86	79	74	66	61	59	57	55	50	49	52	48	49
3053	112	93	84	75	72	67	64	64	60	58	56	52	53	51	49
3054	115	94	82	77	69	64	58	57	57	54	52	48	46	47	44
3055	119	94	84	77	68	63	60	45	58	56	54	48	50	49	46
3056	115	91	78	74	69	64	59	57	55	57	56	54	57	51	52
3057	116	94	82	78	71	64	60	56	55	53	52	53	47	49	44
3058	128	102	90	85	72	64	64	62	56	56	54	49	48	47	48
3059	119	98	88	77	68	65	62	59	55	56	55	50	50	46	49
3060	119	94	85	76	61	66	61	61	58	53	50	47	48	50	48
3061	119	100	85	75	63	60	59	59	56	51	52	48	47	47	48
3062	111	94	84	76	67	64	61	57	57	57	53	52	47	56	50
3063	117	90	83	74	68	64	61	58	54	51	52	48	46	46	44
3064	112	98	88	79	72	65	61	61	58	53	53	49	47	44	46
3065	118	96	86	79	71	71	65	63	61	60	60	53	53	52	52
3066	112	89	76	68	63	60	58	58	54	54	53	49	47	46	46
3067	128	102	88	82	73	67	63	61	57	60	54	53	50	49	48
3068	126	109	92	85	73	70	66	63	60	55	49	52	50	47	46
3069	119	91	87	81	77	66	63	59	58	55	54	50	50	48	45
3070	124	99	94	82	72	65	66	63	63	63	57	55	51	48	49
3071	110	90	85	78	68	66	61	61	58	56	52	49	48	46	46
3072	122	96	86	78	65	63	61	57	58	55	52	50	49	48	48
3073	113	95	84	77	70	65	61	57	52	51	50	47	47	47	47
3074	122	100	85	76	66	62	63	61	57	55	56	55	56	53	52
3075	122	95	91	84	76	68	65	64	63	58	56	49	49	47	45
3076	121	96	88	79	72	66	63	60	56	53	49	45	46	48	47
MEAN	119	96	86	78	70	65	62	59	57	55	53	50	49	48	48
S.D.	5.3	4.5	4.0	4.1	4.2	2.6	2.5	3.8	2.7	2.9	2.7	2.6	2.9	2.6	2.4
N	26	26	25	26	26	26	26	26	26	26	26	26	26	26	26

SF=Spilled Feeder

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
4051	127	100	87	81	70	66	65	61	57	53	51	52	48	50	47
4052	116	92	81	57	64	55	61	58	46	58	53	48	48	48	47
4053	123	97	83	77	55	68	63	64	61	59	52	54	51	49	49
4054	122	100	84	77	69	65	61	60	59	55	54	51	50	53	51
4055	109	89	85	77	67	63	61	57	55	52	49	49	49	46	45
4056	116	92	81	77	67	61	59	58	53	49	52	48	49	47	45
4057	104	84	76	70	64	64	59	57	54	51	53	49	49	49	46
4058	114	91	83	78	71	68	64	58	57	56	55	55	55	55	55
4059	118	96	84	76	68	65	62	57	50	54	55	50	49	52	51
4060	115	93	89	79	73	68	66	62	58	56	56	51	52	49	46
4061	112	96	84	75	66	63	61	60	55	54	48	48	46	47	46
4062	122	97	87	78	69	68	65	62	60	59	61	55	57	55	52
4063	121	89	92	79	67	64	68	63	61	61	56	54	53	54	51
4064	118	111	84	75	70	64	64	61	60	56	55	49	51	48	48
4065	130	104	93	87	77	70	65	63	62	58	55	52	52	49	53
4066	112	90	81	78	71	66	62	61	61	57	54	50	51	49	49
4067	125	101	82	77	70	66	62	61	58	55	55	51	50	48	46
4068	114	91	85	79	70	70	68	66	61	58	57	53	56	52	48
4069	119	98	87	78	72	67	66	64	SF	58	54	54	56	52	51
4070	114	95	85	77	71	69	64	65	61	58	54	51	51	50	50
4071	114	92	84	76	64	66	64	61	59	60	58	59	56	53	48
4072	113	93	89	82	70	68	63	59	57	56	53	52	53	SF	50
4073	116	90	81	76	69	66	63	64	59	56	54	53	52	51	46
4074	117	96	86	78	69	65	64	61	58	56	56	54	53	50	51
4075	123	99	86	81	75	70	66	67	61	57	54	55	53	53	51
4076	117	95	85	76	69	63	63	61	55	58	51	54	54	54	54
MEAN	117	95	85	77	69	66	64	61	58	56	54	52	52	51	49
S.D.	5.8	5.6	3.6	5.0	4.2	3.3	2.4	2.8	3.8	2.7	2.6	2.7	2.7	2.6	2.7
N	26	26	26	26	26	26	26	26	25	26	26	26	26	25	26

SF=Spilled Feeder

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP I 0 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
1551	127	104	97	90	81	77	75	70	71	70	64				
1552	192	120	113	94	86	80	78	77	77	83	72				
1553	131	105	96	99	91	83	81	77	72	71	64				
1554	134	100	98	101	91	91	73	77	72	68	64				
1555	120	97	102	90	83	84	74	74	69	65	63				
1556	127	98	92	89	78	73	71	66	66	65	65				
1557	124	98	92	89	81	84	75	72	69	61	67				
1558	134	105	96	87	86	80	71	69	66	66	67				
1559	115	91	91	94	83	81	70	74	63	63	56				
1560	137	101	93	93	85	87	78	76	71	66	64				
1561	122	99	89	91	83	79	81	70	72	64	64				
1562	129	110	93	89	86	75	75	70	65	62	64	57	49	49	
1563	131	104	99	94	93	85	80	78	77	74	71				
1564	127	101	88	88	84	86	79	72	71	64	61				
1565	124	113	101	95	87	86	81	86	72	76	66	67	60	53	
1566	135	108	99	93	88	87	79	73	68	72	69				
1567	105	95	86	77	78	70	74	64	66	62	66				
1568	125	103	99	91	81	75	77	77	70	66	65				
1569	132	95	94	90	79	79	78	67	70	63	67				
1570	129	105	103	101	93	88	82	81	79	78	72				
1571	125	95	94	93	84	82	76	69	62	63	62				
1572	133	103	100	96	83	81	77	86	72	69	72				
1573	132	105	94	96	82	81	77	75	75	73	68				
1574	126	109	100	101	86	78	81	78	73	67	72				
1575	136	108	101	97	95	90	80	82	79	68	68				
1576	135	107	106	98	92	88	88	80	81	74	68				
MEAN	130	103	97	93	85	82	77	75	71	68	66	62	55	51	
S.D.	14.5	6.4	5.9	5.2	4.8	5.3	4.0	5.8	4.9	5.6	3.9	6.6	7.6	2.8	
N	26	26	26	26	26	26	26	26	26	26	26	2	2	2	

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
2551	138	103	99	90	88	82	79	74	79	68	62				
2552	126	97	91	91	82	78	80	74	71	65	64				
2553	132	145	102	94	91	86	82	82	71	71	68				
2554	124	106	90	90	81	83	74	73	73	66	65				
2555	120	103	101	90	88	83	76	78	77	72	66				
2556	134	102	101	98	88	81	80	77	69	71	72				
2557	121	100	94	85	86	83	78	73	65	64	61				
2558	121	99	89	84	78	70	67	68	67	60	63				
2559	130	104	94	94	89	86	72	71	71	64	67				
2560	135	110	96	93	91	82	78	76	72	68	64				
2561	129	102	94	94	86	82	73	74	67	66	65				
2562	117	95	91	89	82	76	73	73	68	69	52				
2563	142	111	SF	109	99	95	91	92	82	76	74				
2564	132	109	SF	100	94	90	84	81	78	73	61				
2565	125	100	SF	88	85	81	77	77	75	69	57				
2566	129	96	89	88	78	78	76	73	64	66	64				
2567	134	107	100	91	93	78	72	73	71	64	66				
2568	135	102	95	93	91	88	79	74	68	62	65	58	46	55	
2569	129	115	97	98	96	83	79	74	73	65	68				
2570	123	101	93	86	87	77	72	75	66	66	65				
2571	131	113	95	97	85	83	76	79	68	68	67				
2572	130	102	97	95	89	81	83	76	68	69	67				
2573	147	112	93	92	84	77	71	70	62	59	58				
2574	130	101	96	95	80	76	77	69	62	63	60				
2575	138	112	95	95	87	77	75	74	70	72	63				
2576	134	105	99	91	85	84	73	71	68	70	64				
MEAN	130	106	95	93	87	82	77	75	70	67	64	58	46	55	
S.D.	7.0	9.7	3.9	5.1	5.2	5.0	4.9	4.8	5.0	4.0	4.5	0.0	0.0	0.0	
N	26	26	23	26	26	26	26	26	26	26	26	1	1	1	

SF=Spilled Feeder

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP III 10000 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
3551	179	101	85	87	81	83	82	74	70	69	70				
3552	131	109	95	90	88	90	79	78	72	74	64				
3553	138	106	96	91	81	77	71	71	67	67	64				
3554	133	98	97	97	88	83	82	76	79	69	65				
3555	136	103	100	96	86	96	79	78	68	67	65				
3556	130	97	92	88	84	83	73	72	65	68	59				
3557	147	120	100	102	94	97	89	88	71	71	80	53	54	45	
3558	133	100	94	97	92	SF	79	76	80	67	86				
3559	128	96	88	80	80	76	75	70	65	60	58				
3560	118	94	83	82	75	77	70	69	67	67	65				
3561	133	101	94	92	89	83	77	78	77	66	66				
3562	140	98	95	93	85	78	82	74	66	62	63				
3563	136	102	95	92	86	88	80	74	69	69	66				
3564	123	103	91	83	79	77	72	71	66	62	58				
3565	145	117	97	93	82	82	78	77	71	67	65				
3566	138	104	100	95	90	83	79	74	68	64	66				
3567	148	117	99	91	85	78	79	70	72	70	71				
3568	140	104	93	89	88	78	74	68	68	66	65				
3569	127	98	90	85	79	78	74	66	62	59	64				
3570	141	113	100	94	88	88	81	81	71	67	66				
3571	131	107	95	103	93	85	83	78	70	75	68				
3572	141	113	98	103	90	83	83	83	79	73	72				
3573	130	105	97	94	94	82	83	82	76	73	74				
3574	135	102	93	86	87	82	74	72	75	72	63				
3575	135	105	93	88	80	78	77	73	69	65	68				
3576	144	117	106	100	91	89	81	79	77	70	64				
MEAN	137	105	95	92	86	83	78	75	71	68	67	53	54	45	
S.D.	11.1	7.3	4.9	6.2	5.1	5.7	4.4	5.0	4.9	4.0	6.2	0.0	0.0	0.0	
N	26	26	26	26	26	25	26	26	26	26	26	1	1	1	

SF=Spilled Feeder

APPENDIX M P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	WEEK OF STUDY 0	1	2	3	4	5	6	7	8	9	10	13	14	15	16
4551	135	105	100	94	89	89	81	75	71	72	68				
4552	139	94	91	91	82	85	81	72	70	74	66				
4553	136	94	96	85	79	78	78	67	70	70	64				
4554	129	92	SF	82	79	83	71	72	71	67	63				
4555	138	107	91	91	86	92	82	75	71	76	66				
4556	135	119	SF	89	82	80	73	71	68	63	59				
4557	127	96	93	85	86	85	80	75	80	85	65				
4558	142	99	98	90	85	88	84	78	76	74	70				
4559	104	101	90	87	81	74	75	71	65	61	61				
4560	133	91	92	93	83	79	76	84	75	65	64				
4561	141	102	94	94	84	91	77	77	73	74	77				
4562	133	97	95	88	86	78	76	72	68	67	68				
4563	130	97	85	81	80	76	77	73	66	63	67				
4564	143	105	99	91	65	82	83	75	65	65	66				
4565	134	98	80	84	78	79	75	71	65	66	66				
4566	140	115	SF	110	92	96	90	79	SF	67	72				
4567	138	105	89	95	86	83	80	78	71	71	69				
4568	140	97	89	95	85	80	77	78	74	67	65				
4569	146	104	SF	95	83	87	79	81	79	81	60				
4570	138	100	92	90	82	79	77	70	66	74	60				
4571	141	96	SF	99	94	89	SF	75	72	74	75				
4572	143	107	97	98	92	86	78	77	70	72	74				
4573	144	112	96	92	86	80	76	74	69	68	68				
4574	140	110	94	87	83	72	BF	73	73	67	64				
4575	149	109	103	101	93	85	80	79	73	68	72				
4576	143	124	102	106	91	85	83	79	71	68	70				
MEAN	137	103	94	92	84	83	79	75	71	70	67				
S.D.	8.6	8.3	5.5	7.0	6.0	5.8	4.0	3.9	4.0	5.6	4.6				
N	26	26	21	26	26	26	24	26	25	26	26				

SF=Spilled Feeder BF=Broken Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
1001	117	137	120	100	90	79	74	63	61	58	48	51	50	47	45	
1002	129	150	124	106	91	80	75	66	62	57	56	49	49	47	49	
1003	139	156	140	113	94	85	74	22	63	59	57	48	46	48	45	44
1004	135	157	142	122	96	86	76	75	67	63	61	52	53	48	52	50
1005	122	145	132	109	95	84	75	73	67	64	60	42	49	49	52	
1006	123	145	125	105	92	83	73	70	67	64	61	52	55	49	50	
1007	114	138	118	103	87	80	69	65	61	56	57	50	47	49	47	
1008	122	137	122	100	88	80	71	67	64	62	62	49	47	45	49	48
1009	121	147	136	108	90	81	76	71	65	62	58		52	51	43	39
1010	134	142	119	100	85	80	71	70	64	60	55	48	47	48	48	
1011	119	147	125	105	90	79	74	68	59	57		52	51	51	46	
1012	126	140	117	105	90	83	73	66	61	60	56		48	49	51	
1013	123	139	124	104	96	86	81	57	SF	68	61	51	46	49	49	47
1014	130	146	125	110	89	79	74	73	66	67	64	54	52	53	52	
1015	127	150	123	106	93	82	77	74	64	64	64	50	49	46	50	46
1016	118	140	127	104	82	76	68	67	63	54	58	50	51	48	51	49
1017	134	154	129	107	91	83	74	68	60	59	59	46	45	45	46	47
1018	117	149	131	108	87	77	73	67	64	61	58	48	49	44	48	47
1019	125	143	136	113	89	81	72	71	67	64	61		48	50	49	52
1020	109	143	125	108	89	78	72	67	64	57	57		47	46	47	
1021	134	151	130	114	97	89	84	76	74	68	59	52	52	50	50	
1022	112	136	116	99	86	79	77	73	70	66	62	54	53	51	51	50
1023	125	150	119	96	85	79	75	69	68	68	59	50	49	48	48	
1024	140	155	130	SF	90	81	79	71	70	88	60	51	49	51	54	
1025	135	173	147	122	106	92	86	75	75	67						
1026	126	150	133	120	104	90	79	69	66	61	58	54	52	53	56	56
MEAN	125	147	127	108	91	82	75	67	65	63	59	50	49	49	49	48
S.D.	8.3	8.1	8.0	7.0	5.5	4.0	4.0	10.1	4.0	6.6	3.3	2.8	2.4	2.3	2.9	4.2
N	26	26	26	25	26	26	26	26	25	26	24	21	25	25	25	12

SF=Spilled Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
2001	117	141	119	97	86	74	69	64	62	59	57	50	50	47	48	47
2002	122	138	110	89	77	76	75	69	65	62	62	51	50	49	48	47
2003	125	146	125	103	92	80	75	70	69	62	62		51	50	49	48
2004	128	149	127	107	91	82	77	68	63	63	61	55	53	51	51	51
2005	122	151	127	104	96	92	82	68	69	67	65	51	52	51	51	
2006	116	132	114	100	89	78	71	63	59	56	54	49	47	44	42	34
2007	120	141	120	100	86	75	67	64	58	56	56	46	47	46	41	42
2008	116	133	113	99	85	78	71	69	66	65	64	51	51	49	49	49
2009	126	140	121	100	73	73	66	44	66	47	57	64	58	53	55	
2010	139	SF	122	99	90	77	72	68	63	59	60	50	49	50	47	46
2011	122	150	128	113	88	78	73	59	59	56	59	56	52	48	52	
2012	128	146	128	106	93	83	77	72	65	60	60	54	39	42	50	27
2013	118	141	121	102	86	79	72	66	65	63	62	50	48	46	48	48
2014	123	136	114	96	86	79	74	68	70	62	61	52	53	49	52	50
2015	122	138	122	103	96	82	75	72	67	63	61	50	50	48	49	50
2016	117	142	125	103	90	78	72	69	64	61	59	52	52	50	48	50
2017	120	139	121	97	85	77	73	67	62	61	57	50	49	45	51	49
2018	116	142	124	102	94	86	77	70	63	59	59		49	47	47	45
2019	119	141	124	103	88	77	68	68	61	67	57		25	53	51	
2020	122	131	118	100	86	73	69	66	62	61	59	44	46	45	47	50
2021	121	139	121	105	90	81	73	68	64	61	58		49	48	45	45
2022	125	147	128	106	90	81	69	66	61	59	53	58	49	43	44	
2023	136	139	113	100	85	79	78	74	65	67	58	65	53	53	53	
2024	116	146	124	105	94	78	72	71	55	61	59	50	52	47	49	50
2025	123	153	132	109	94	83	74	59	57	73	68	55	55	51	54	
2026	127	147	123	105	93	86	75	65	64	59	56	48	47	48	50	47
MEAN	123	142	122	102	89	80	73	66	63	61	59	52	49	48	49	46
S.D.	5.9	5.9	5.4	4.7	5.4	4.3	3.7	5.7	3.6	4.8	3.3	5.1	6.1	2.9	3.5	6.1
N	26	25	26	26	26	26	26	26	26	26	26	22	26	26	26	19

SF=Spilled Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
3001	124	141	116	96	81	72	70	67	64	60	58	49	51	50	48	51
3002	121	136	114	97	83	76	71	62	60	55	49	45	47	44	44	
3003	117	141	119	103	91	81	75	78	52	41	71		54	48	53	49
3004	118	138	114	98	82	74	71	67	64	63	58	49	50	47	47	46
3005	120	137	115	94	88	79	71	67	63	59	59	51	50	IW	52	48
3006	113	134	112	92	78	73	68	63	54	59	55	49	IW	46	48	
3007	129	144	122	106	91	78	69	63	62	56	54	IW	43	46	46	
3008	121	140	115	99	86	73	69	67	62	55	57	50	48	46	50	
3009	111	130	108	87	71	65	61	62	56	55	51		41	40	42	42
3010	114	127	107	94	80	72	66	64	60	56	53	42	43	41	41	
3011	121	146	124	100	85	69	67	65	61	60	55		53	46	48	
3012	125	140	115	96	81	70	64	63	61	56	53	47	47	45	42	46
3013	119	130	122	108	97	84	74	73	66	61	57	50	47	45	47	50
3014	127	144	124	108	97	80	76	70	71	62	64	56	51	52	49	52
3015	111	131	111	92	81	69	68	64	61	56	58	52	46	45	17	45
3016	116	139	120	101	82	76	72	62	62	57	57	45	47	46	47	
3017	122	141	122	105	87	75	71	67	62	58	57	46	45	44	41	45
3018	117	137	116	95	81	73	69	67	63	61	58	48	49	45	46	46
3019	121	139	121	104	93	71	81	74	SF	66	62	48	IW	47	53	49
3020	118	138	119	101	90	80	73	70	68	62	60	51	50	IW	49	50
3021	122	139	117	98	91	81	76	64	67	63	60	47	46	46	46	49
3022	116	137	118	96	81	76	71	69	68	64	62	51	48	48	47	48
3023	117	117	109	95	79	70	CF	65	55	58	54	46	45	40	44	
3024	122	141	116	103	88	77	73	64	64	60	58	49	47	48	49	46
3025	129	139	123	101	92	85	74	66	64	61	59	48	46	45	45	49
3026	133	156	134	110	93	82	73	68	63	62	59	50	50	48	48	46
MEAN	120	138	117	99	86	75	71	67	62	59	58	49	48	46	46	48
S.D.	5.4	7.1	5.9	5.6	6.4	5.2	4.2	3.9	4.3	4.7	4.5	2.9	3.2	2.7	6.8	2.5
N	26	26	26	26	26	26	25	26	25	26	26	22	24	24	26	18

IW=Invalid Weight SF=Spilled Feeder CF=Contaminated Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

MALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
4001	135	138	116	101	92	78	73	68	65	60	59	52	50	45	52	
4002	117	137	119	94	78	69	72	67	60	58	54	48	49			
4003	120	131	113	93	80	73	66	61	60	58	57		52	49	50	49
4004	120	157	116	102	88	77	70	68	69	65	59	53	52	48	54	
4005	117	131	112	95	85	77	67	63	61							
4006	125	137	117	101	84	77	72	67	64	61	56	49	48	48	50	
4007	125	135	111	95	85	76	68	64	62	61	58	53	48	47	51	
4008	122	141	120	96	86	79	76	72	63	60	63	54	52	53	50	50
4009	116	130	114	98	87	67	68	66	65	62	62	50	50	47	50	
4010	121	132	115	96	86	77	71	64	64	56	58	50	49	47	47	
4011	120	142	121	101	92	82	71	65	63	60	57	50	49	46	46	48
4012	126	135	120	103	89	79	72	73	68	67	59	58	56	50	53	
4013	124	137	116	99	88	77	72	64	62	60	57	48	46	46	49	
4014	129	141	122	96	79	72	67	65	60	59	60	48	49	47	46	48
4015	122	138	118	103	89	79	66	67	44	39	62	60	52	47	42	51
4016	128	147	129	111	95	91	77	76	73	70	69	58	55	51	53	
4017	113	133	112	98	79	75	70	66	57	52	59	51	50	48	47	
4018	121	133	117	103	91	84	77	70	67	64	59		45	47	50	46
4019	124	147	117	100	89	80	79	74	67	63	62	55	53	54	55	
4020	112	137	118	99	88	79	70	69	53	47	48	47	45	47	47	44
4021	119	134	115	103	89	84	78	73	72	67		56	52	52		
4022	124	139	120	98	87	81	78	71	74	74	62	54	51	50	54	51
4023	118	134	111	95	86	76	70	67	64	62	41	50	48	48	49	48
4024	117	143	123	101	81	73	67	64	61	58	55	49	48	47	50	
4025	122	144	126	109	98	86	77	68	67	63	62	52	42	49	51	55
4026	96	149	122	103	89	80	73	69	64	58	60	IW	SF	47	51	49
MEAN	121	139	118	100	87	78	72	68	63	60	58	52	50	48	50	49
S.D.	7.1	6.4	4.4	4.4	4.8	5.1	4.0	3.9	6.2	6.9	5.2	3.7	3.2	2.3	3.1	2.9
N	26	26	26	26	26	26	26	26	26	25	24	22	24	24	23	11

IW=Invalid Weight SF=Spilled Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP I 0 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
1501	125	148	134	112	99	96	88	72	81	76	70					
1502	124	134	122	105	91	86	76	71	69	63	65					
1503	127	206	168	144	121	SF	SF	89	81	76	76					
1504	137	154	146	130	126	121	102	101	90	83	84		63			
1505	122	141	122	108	93	87	75	71	68	68	64					
1506	148	136	128	108	99	88	81	80	75	76	73					
1507	128	144	129	112	103	97	85	82	77	73	70		59	61	69	
1508	125	137	119	112	103	91	137	85	81	77	77					
1509	220	167	139	119	106	97	88	79	75	71	59					
1510	106	124	97	90	78	100	83	75	70	71						
1511	127	140	124	108	91	87	83	79	75	77	64					
1512	128	142	119	104	94	84	78	74	73	71	67					
1513	130	139	122	111	96	91	82	80	70	70	66					
1514	128	150	126	110	98	92	84	80	72	73	74		51	56	44	
1515	125	161	120	106	91	86	79	77	73	71	69		50	47	62	
1516	125	SF	126	102	94	91	81	85	76	71	74					
1517	123	131	109	99	86	84	74	84	72	72	69					
1518	119	137	120	103	94	92	84	83	78	75	78					
1519	143	146	119	109	97	92	83	78	72	72	70					
1520	210	92	129	117	104	98	91	86	82	51	72					
1521	117	132	121	104	93	85	85	77	73	28	128					
1522	132	137	123	106	93	88	82	75	70	69	67					
1523	134	142	115	107	94	86	81	74	76	71	72					
1524	123	148	122	99	90	87	79	74	67	70	67					
1525	172	142	120	112	103	92	85	82	80	73	69					
1526	128	160	138	112	100	94	85	79	77	70	75					
MEAN	136	144	125	110	98	92	85	80	75	70	73		56	55	59	
S.D.	26.2	19.3	12.9	10.2	9.7	7.7	12.2	6.4	5.2	10.2	12.6		6.2	7.1	12.7	
N	26	25	26	26	26	25	25	26	26	26	25		4	3	3	

SF=Spilled Feeder

Huntingdon Life Sciences 00-4208B
Sponsor Study No.: 211-MTBE-2G

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP II 2000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
2501	123	143	123	100	95	95	86	77	77	70	70					
2502	119	133	110	100	85	80	75	75	70	68	68					
2503	164	156	134	127	114	99	98	85	90	77	79					
2504	136	192	139	114	101	89	79	81	79	75	69					
2505	125	142	116	106	91	89	83	76	72	68	61					
2506	119	132	113	100	90	85	73	75	72	74	69					
2507	127	145	121	103	98	88	81	76	63	70	69					
2508	123	157	128	107	91	83	78	79	77	70	67					
2509	129	143	115	109	95	89	82	82	79	77	73					
2510	125	147	120	103	96	85	76	76	75	72	68					
2511	124	140	117	101	90	90	82	80	79	77	73					
2512	146	163	131	113	100	90	95	78	81	79	75					
2513	123	142	123	111	98	94	84	80	77	76	74		54	54	64	
2514	124	138	119	106	99	85	83	81	86	69	66		52	52	47	
2515	123	144	121	107	96	87	76	72	72	67	66					
2516	120	135	118	101	94	92	73	74	75	74	73		53	51	51	
2517	121	138	122	93	98	91	80	72	73	67	70					
2518	128	135	116	96	92	85	83	75	77	68	72					
2519	127	140	117	SF	87	85	81	77	77	78	63					
2520	127	136	120	99	88	87	78	79	73	76	70					
2521	115	140	123	108	97	97	85	84	78	72	71					
2522	134	144	115	98	88	79	74	73	64	76	63					
2523	125	156	125	109	97	85	83	79	69	66	63					
2524	126	143	118	101	88	84	77	81	79	73	68		58	58	64	
2525	154	149	119	109	92	85	84	75	79	74	70					
2526	124	129	126	112	99	93	84	76	78	68	67					
MEAN	128	145	121	105	95	88	81	78	76	72	69		54	53	56	
S.D.	11.1	12.6	6.5	7.1	6.2	4.9	6.0	3.5	5.8	4.0	4.1		2.8	3.1	8.7	
N	26	26	26	25	26	26	26	26	26	26	26		4	4	4	

SF=Spilled Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP III 10000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
3501	131	149	115	98	85	90	78	80	74	81	75					
3502	121	132	114	104	86	83	78	73	74	71	69		47	60	60	
3503	118	142	115	104	94	87	78	77	76	77	78					
3504	115	127	116	100	92	86	82	76	72	79	80		46	55	59	
3505	119	138	117	110	103	94	91	89	SF	SF	75					
3506	118	141	122	112	100	95	87	81	77	77	72		45	53	55	
3507	119	131	112	103	89	84	77	76	71	64	67					
3508	123	131	111	103	94	87	85	81	77	75	76					
3509	112	121	105	95	81	80	76	72	67	62	67					
3510	122	131	114	103	88	82	82	75	77	71	69					
3511	108	130	115	101	90	87	78	72	72	75	73					
3512	126	151	124	102	99	90	73	79	76	72	77					
3513	127	139	119	100	92	86	84	77	74	72	77					
3514	125	139	119	101	91	85	84	78	76	74	72					
3515	117	137	116	106	100	86	86	82	75	73	73					
3516	123	134	110	100	92	84	76	77	67	69	73					
3517	122	137	115	100	89	85	76	74	67	60	60					
3518	125	141	117	106	90	82	79	83	66	64	67					
3519	111	126	99	86	80	77	67	65	69	59	60					
3520	120	128	111	100	86	84	82	81	73	71	68					
3521	115	131	110	94	87	80	79	70	70	SF	71					
3522	122	135	108	103	94	89	80	83	79	74	70					
3523	131	131	116	102	94	89	83	93	SF	81	69					
3524	120	139	117	113	101	97	SF	83	80	76	80					
3525	109	123	106	89	81	76	70	74	64	63	65					
3526	139	152	120	107	94	85	78	73	70	69	67					
MEAN	121	135	114	102	91	86	79	78	73	71	71		46	56	58	
S.D.	7.1	8.0	5.5	6.1	6.1	5.1	5.4	6.0	4.4	6.4	5.4		0.9	3.2	2.8	
N	26	26	26	26	26	26	25	26	24	24	26		3	3	3	

SF=Spilled Feeder

APPENDIX M F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL FEED CONSUMPTION (GRAMS/KG/DAY)

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	DAY OF STUDY 35	42	49	56	63	70	77	84	91	98	105	126	133	140	147	154
4501	123	138	115	105	95	92	83	82	74	68	65					
4502	119	134	114	108	101	95	86	78	80	76	75					
4503	115	121	108	95	88	79	74	75	77	72	71					
4504	125	135	116	100	92	85	78	74	67	68	71					
4505	122	132	107	96	83	78	79	70	78	71	59					
4506	108	143	118	105	97	88	78	71	72	65	65					
4507	114	124	105	99	90	83	75	73	67	71	66					
4508	128	141	120	104	98	96	83	79	79	73	75					
4509	121	135	114	106	93	82	76	70	73	72	65					
4510	123	135	118	110	97	88	80	78	74	74	73					
4511	132	149	125	109	99	89	85	74	77	69	77					
4512	131	149	119	103	93	90	77	76	74	75	68					
4513	120	130	108	100	88	88	75	79	70	72						
4514	132	131	115	101	92	89	77	74	75	71	68		52	60	60	
4515	127	133	119	100	96	90	85	78	76	69	70					
4516	137	149	128	134	110	99	94	90	80	74	72					
4517	119	130	107	97	92	81	74	64	64	63	60					
4518	127	132	109	111	101	97	85	84	80	77	71					
4519	129	137	115	109	102	93	89	92	82	79	74					
4520	123	137	120	101	91	88	85	78	72	67	69					
4521	127	138	133	105	95	89	86	84	77	75						
4522	129	146	119	105	92	89	83	80	79	75	69					
4523	124	143	120	104	95	87	83	78	73	70	68					
4524	127	152	121	102	89	83	80	75	72	69	45					
4525	128	151	134	119	93	90	91	81	77	72	73		63			
4526	119	134	122	106	91	83	80	78	75	68	68					
MEAN	124	138	117	105	94	88	82	78	75	71	68		58	60	60	
S.D.	6.4	8.1	7.5	7.8	5.5	5.4	5.3	6.0	4.5	3.7	6.7		7.6	0.0	0.0	
N	26	26	26	26	26	26	26	26	26	26	24		2	1	1	

APPENDIX N P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP I 0 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
1551	71	72	68	61
1552	80	88	76	57
1553	83	83	75	59
1554	83	83	79	63
1555	72	76	70	59
1556	73	75	71	63
1557	75	70	77	66
1558	68	72	71	69
1559x NP	66	76	64	53
1560	77	84	80	66
1561	74	72	75	66
1562x NP				
1563	87	88	78	63
1564	73	78	70	63
1565x NP				
1566	77	79	75	62
1567	70	70	65	63
1568	73	75	72	61
1569	71	75	72	61
1570	85	86	82	69
1571	65	72	68	58
1572	81	85	80	65
1573	76	74	75	67
1574	73	79	74	62
1575	80	74	78	76
1576	66	76	79	71
MEAN	75	78	74	64
S.D.	5.9	5.8	4.5	4.5
N	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX N P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
2551	75	74	72	57
2552	74	73	66	56
2553	82	88	78	64
2554	82	88	72	59
2555	80	83	74	64
2556	72	77	71	59
2557	70	77	75	57
2558	67	70	66	58
2559x NP	75	77	74	50
2560	70	73	73	66
2561	70	75	74	63
2562	70	66	67	58
2563	86	91	80	70
2564	97	79	73	60
2565	72	78	69	59
2566	71	72	65	57
2567	74	76	72	64
2568x NP				
2569	77	81	76	64
2570	76	74	72	60
2571	71	85	76	56
2572	70	71	64	59
2573	70	70	CF	69
2574	67	71	61	58
2575	78	79	74	68
2576	77	81	77	65
MEAN	75	77	72	61
S.D.	6.9	6.4	4.8	4.3
N	24	24	23	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN
CF=Contaminated Feeder

APPENDIX N P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
3551	83	85	77	64
3552	79	77	71	57
3553	69	75	68	56
3554	86	82	77	63
3555	72	77	78	63
3556	73	73	71	60
3557x NP				
3558	73	74	72	66
3559	72	74	72	62
3560	78	78	74	59
3561	71	78	67	52
3562	76	78	71	55
3563	72	80	72	63
3564	71	74	68	59
3565	73	78	72	62
3566	73	74	67	62
3567	83	75	77	64
3568	13	80	65	62
3569	66	71	66	58
3570	77	73	72	59
3571	77	76	84	69
3572	75	84	75	64
3573	75	73	70	61
3574	82	83	74	57
3575	76	77	72	62
3576	70	78	75	65
MEAN	73	77	72	61
S.D.	13.4	3.7	4.4	3.8
N	25	25	25	25

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX N P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP IV 20000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
4551	74	78	71	62
4552	79	76	73	63
4553	77	83	76	64
4554	78	83	79	67
4555	88	87	78	65
4556	65	62	63	61
4557	76	76	75	66
4558	79	81	74	65
4559	65	69	63	57
4560	79	79	71	55
4561	73	83	76	66
4562	80	74	73	63
4563	74	75	69	62
4564	68	72	69	61
4565	73	71	67	59
4566	80	76	69	63
4567	85	80	78	66
4568	63	72	68	62
4569	85	85	74	69
4570	65	70	68	65
4571	75	78	58	57
4572	79	85	80	68
4573	70	73	72	61
4574	74	79	75	60
4575	79	78	68	62
4576	80	79	73	61
MEAN	75	77	72	63
S.D.	6.5	5.7	5.2	3.5
N	26	26	26	26

APPENDIX N F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP I 0 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
1501	80	80	69	63
1502	59	60	56	61
1503	84	78	71	64
1505	70	71	72	64
1506	74	77	74	59
1507x NP				
1508	78	88	79	66
1509x NP	64	71	71	62
1510	73	82	72	69
1511	69	77	71	63
1512	70	74	68	57
1513	67	69	65	65
1514x NP				
1515x NP				
1516	73	76	71	65
1517	75	83	72	63
1518	70	75	70	61
1519	72	71	73	68
1520x NP	74	79	28	66
1521	52	38	109	63
1522	66	69	67	61
1523	70	70	69	63
1524	67	69	70	64
1525	76	73	76	71
1526	72	76	72	68
MEAN	71	73	72	64
S.D.	7.1	10.2	9.9	3.4
N	20	20	20	20

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX N F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
2501	80	78	75	64
2502	66	62	59	64
2503	83	83	72	65
2504	72	73	69	65
2505	64	69	73	67
2506	66	73	65	63
2507	75	72	72	65
2508	63	71	66	57
2509	71	81	75	64
2510	70	78	68	64
2511	77	86	74	66
2512	79	79	73	61
2513x NP				
2514x NP				
2515	69	73	66	62
2516x NP				
2517	67	65	73	60
2518	66	66	62	63
2519	75	72	68	67
2520	79	73	67	63
2521	69	72	66	66
2522	66	67	69	64
2523	64	71	67	62
2524x NP				
2525	77	79	69	67
2526x NP	67	70	65	59
MEAN	71	74	69	64
S.D.	6.1	6.2	4.3	2.5
N	21	21	21	21

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

APPENDIX N F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
3501	73	79	66	62
3502x NP				
3503	67	69	66	58
3504x NP				
3505	77	82	71	61
3506x NP				
3507	IW	68	67	65
3508	74	72	69	63
3509	65	71	64	60
3510	77	75	73	71
3511	63	63	64	59
3512	71	73	67	63
3513	77	76	68	64
3514	69	74	71	63
3515	73	78	74	70
3516	78	72	75	70
3517	63	73	67	64
3518	72	76	67	62
3519	62	82	60	63
3520	70	78	73	70
3521	67	83	66	67
3522	74	81	75	68
3523	73	77	65	58
3524	69	73	68	67
3525	71	68	63	63
3526	65	68	66	69
MEAN	70	74	68	64
S.D.	4.8	5.2	4.0	4.0
N	22	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN
IW=Invalid Weight: Feed left greater than feed fed weight

APPENDIX N F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL GESTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP IV 20000 MG/M3

ANIMAL#	DAY OF GESTATION 0 - 4	4 - 7	7 - 14	14 - 20
4501	68	66	64	61
4502	75	70	72	67
4503	77	79	67	59
4504	79	79	71	66
4505	78	80	74	60
4506	71	73	72	67
4507	69	71	67	64
4508	78	75	71	63
4509	67	69	64	59
4510	74	72	71	55
4511	74	75	65	65
4512	87	92	76	70
4513xNNMD				
4514x NP				
4515	70	67	65	61
4516	79	82	70	70
4517	60	66	66	62
4518	79	75	70	72
4519	87	94	89	71
4520	71	78	72	70
4521	82	83	74	63
4522	73	77	74	66
4523	71	71	69	60
4524	70	72	66	60
4526	66	73	71	69
MEAN	74	76	70	64
S.D.	6.6	7.1	5.3	4.8
N	23	23	23	23

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

APPENDIX O P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP I 0 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
1551	103	111	141	166	281
1552	131	122	155	162	267
1553	93	110	143	171	276
1554	94	116	145	181	327
1555	97	111	143	185	336
1556	90	122	142	172	315
1557	109	97	141	170	280
1558	120	129	155	189	334
1559x NP					
1560	93	108	135	187	313
1561	79	110	141	176	309
1563	95	115	147	175	304
1564	72	101	135	EF	280
1566	99	119	152	175	291
1567	98	104	137	161	288
1568	110	130	153	214	348
1569	103	111	149	184	303
1570	187	215	152	177	323
1571	78	107	145	165	299
1572	58	96	143	164	280
1573	122	129	150	193	336
1574	82	116	138	183	300
1575	79	122	145	178	291
1576	105	141	141	184	326
MEAN	100	119	145	178	305
S.D.	25.4	23.6	6.1	12.2	22.9
N	23	23	23	22	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN
EF=Empty Feeder

APPENDIX O P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
2551	76	87	128	165	300
2552	99	105	142	173	303
2553	95	114	144	151	264
2554	96	114	62	173	240
2555	124	114	144	182	328
2556	127	126	150	190	320
2557	74	124	130	168	308
2558	107	124	142	171	308
2559x NP					
2560	85	99	126	145	255
2561	101	110	126	167	306
2562	72	112	131	161	275
2563	92	117	154	176	321
2564	115	134	147	EF	338
2565	114	141	161	200	358
2566	95	106	142	181	319
2567	95	108	136	177	300
2569	76	88	128	158	250
2570	61	95	140	171	319
2571	169	116	141	EF	324
2572	77	113	141	178	330
2573	77	105	136	179	335
2574	84	123	141	169	264
2575	76	91	125	151	249
2576	81	100	141	171	330
MEAN	94	111	136	171	302
S.D.	23.4	13.7	18.3	12.8	32.9
N	24	24	24	22	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN
EF=Empty Feeder

APPENDIX O P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
3551	95	125	154	187	290
3552	100	109	120	188	347
3553	84	109	146	168	274
3554	124	121	159	198	361
3555	89	103	140	194	340
3556	110	125	147	183	309
3558	123	131	166	203	342
3559	74	80	107	148	217
3560	105	110	137	179	340
3561	73	98	123	157	299
3562	99	109	130	172	320
3563	92	102	135	145	282
3564	100	116	132	156	252
3565	97	112	143	187	324
3566	148	123	136	167	338
3567	112	118	143	182	328
3568	87	118	137	168	281
3569	115	119	144	173	304
3570	92	116	135	169	331
3571	107	111	133	188	337
3572	91	109	141	187	335
3573	115	113	142	168	318
3574	93	113	130	165	360
3575	109	118	145	179	334
3576	108	113	144	167	295
MEAN	102	113	139	175	314
S.D.	16.4	10.1	12.1	14.9	34.4
N	25	25	25	25	25

APPENDIX O P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP IV 20000 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
4551	104	128	137	195	331
4552	106	105	142	EF	316
4553	155	143	166	207	334
4554	87	118	142	175	317
4555	93	108	145	176	317
4556	108	106	129	151	251
4557	96	116	140	180	308
4558	101	99	131	181	334
4559	114	120	161	188	317
4560	112	119	152	171	312
4561	117	131	147	180	306
4562	91	112	149	192	319
4563	103	123	142	184	340
4564	119	123	142	198	349
4565	111	109	142	190	318
4566	95	92	SF	151	249
4567	110	112	142	183	323
4568	107	114	144	185	339
4569	224	122	156	195	326
4570	72	69	78	94	138
4571	104	114	148	178	308
4572	99	125	159	186	314
4573	104	110	141	164	287
4574	118	113	145	172	263
4575	129	120	148	174	339
4576	113	112	145	185	324
MEAN	111	114	143	177	307
S.D.	27.5	13.8	16.0	21.7	42.9
N	26	26	25	25	26

EF=Empty Feeder SF=Spilled Feeder

APPENDIX O F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP I 0 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
1501	112	141	163	184	322
1502	127	128	156	188	314
1503	99	108	140	180	EF
1504	103	102	143	169	EF
1505	96	120	136	191	EF
1506	133	125	154	205	367
1508	86	120	152	199	EF
1509x NP					
1510	104	123	157	186	EF
1511	113	105	153	170	282
1512	87	82	132	181	265
1513	88	77	136	171	238
1516	101	111	154	191	EF
1517	91	105	145	173	EF
1518	108	127	160	171	280
1519	94	100	134	EF	EF
1520x NP					
1521	93	128	162	134	EF
1522	76	102	136	180	EF
1523	62	92	103	120	205
1524	109	83	150	173	EF
1525	85	115	159	IW	EF
1526	117	131	148	190	EF
MEAN	99	111	146	177	284
S.D.	16.5	17.5	14.0	20.4	50.8
N	21	21	21	19	8

NP=NOT PREGNANT x=EXCLUDED FROM MEAN
EF=Empty Feeder IW=Invalid Weight: Feed left greater than feed fed weight

APPENDIX O F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP II 2000 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
2501	78	93	118	153	EF
2502	111	122	152	191	EF
2503	93	114	163	184	354
2504	57	74	98	123	198
2505	83	105	147	179	259
2506	99	107	131	205	EF
2507	86	97	137	194	302
2508	131	114	147	196	EF
2509	121	118	159	182	EF
2510	91	103	128	162	EF
2511	110	125	156	190	EF
2512	151	156	155	183	330
2515	108	109	143	187	EF
2517	59	88	128	152	EF
2518	72	100	122	145	EF
2519	88	107	157	167	323
2520	85	104	133	190	EF
2521	65	86	132	141	247
2522	94	115	145	193	EF
2523	92	117	142	174	EF
2525	115	135	154	180	282
2526x NP					
MEAN	95	109	140	175	287
S.D.	23.6	17.8	16.0	21.4	50.8
N	21	21	21	21	8

NP=NOT PREGNANT x=EXCLUDED FROM MEAN
EF=Empty Feeder

APPENDIX O F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP III 10000 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
3501	121	109	165	196	332
3503	94	109	140	180	EF
3505	172	92	148	174	294
3507	93	122	150	178	311
3508	74	89	116	138	240
3509	101	117	146	161	EF
3510	84	90	108	132	228
3511	83	103	135	167	304
3512	112	125	143	185	EF
3513	102	113	136	175	305
3514	95	115	153	190	EF
3515	110	115	BF	176	EF
3516	103	130	150	180	314
3517	75	91	127	162	EF
3518	68	94	137	163	325
3519	104	115	156	196	EF
3520	96	125	154	184	304
3521	97	104	136	167	330
3522	111	111	154	167	306
3523	93	110	147	164	EF
3524	94	SF	131	170	EF
3525	104	109	153	169	EF
3526	118	120	146	163	262
MEAN	100	109	142	171	297
S.D.	20.7	12.2	13.4	15.4	33.0
N	23	22	22	23	13

EF=Empty Feeder BF=Broken Feeder SF=Spilled Feeder

APPENDIX O F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATERNAL LACTATION FEED CONSUMPTION -- (GRAMS/KG/DAY)

GROUP IV 20000 MG/M3

ANIMAL#	DAY OF LACTATION 1 - 4	4 - 7	7 - 14	14 - 21	21 - 28
4501	99	121	141	184	309
4502	117	141	149	192	EF
4503	99	123	152	183	306
4504	118	108	142	175	195
4505	88	95	137	181	EF
4506	101	97	154	182	EF
4507	109	121	141	179	EF
4508	108	113	158	194	355
4509	97	111	149	176	EF
4510	88	103	131	184	315
4511	106	118	156	166	EF
4512	94	100	149	170	EF
4515	116	124	159	180	308
4516	106	126	147	180	326
4517	63	80	163	155	EF
4518	78	94	118	160	245
4519	112	136	159	144	316
4520	74	68	101	115	163
4521	112	120	159	201	EF
4522	133	131	174	247	402
4523	107	109	145	171	288
4524	128	121	154	172	302
4525	132	140	156	201	EF
4526	106	84	148	204	332
MEAN	104	112	148	179	297
S.D.	17.2	18.9	15.0	24.2	61.1
N	24	24	24	24	14

EF=Empty Feeder

	Individual Estrous Cycle and Mating Data Preface	Appendix P

Table of Contents:

P_0 Generation
Pre-Mating 578
Mating 582
F_1 Generation
Pre-Mating 586
Mating 590

Estrous Stage Codes:

D = Diestrus
P = Proestrus
E = Estrus
M = Metestrus
Ps = Pseudopregnancy

Cycle Codes:

NC = Number of cycles (days)
C_n = Length of cycles (days)
ML = Mean length of cycle

Mating and Pregnancy Codes:

F = Number of failed mating opportunities
PS = Pregnancy status
P = Pregnant
NP = Not pregnant

Notes:

1. Estrous cycles were evaluated for 21 days and then up to successful mating.
2. Pseudopregnancies which begin during the pre-mating period may continue in the mating period.
3. / = point from which the number of days in the estrous cycle is counted.
4. An estrous cycle less than 3 days or more than 5 days long is considered an irregular cycle.
5. /C, C, /S or S = evidence of mating.

Pre-Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 1: 0 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
1551	D	/E	D	D	D	/P	E	M	D	D	/E	D	D	D	D	D	D	D	D	/E	D	4	5	9			6.0	3
1552	/M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	3	4	4	4	4	3.8	5
1553	/E	D	D	D	/P	E	D	D	D	/P	E	D	D	D	D	/E	D	D	D	D	D	4	5	6			5.0	3
1554	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
1555	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
1556	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
1557	D	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	D	D	D	D	/E	D	D	5	5	5			5.0	3
1558	D	D	/E	E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	D	D	5	4	4	Ps		4.3	3
1559	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	E	D	D	D	/E	5	4	4	5		4.5	4
1560	D	D	D	/E	D	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	5	4	4	4		4.3	4
1561	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	D	D	D	/E	D	D	D	Ps	4				4.0	1
1562	D	D	/E	D	D	D	/E	E	E	D	D	/E	E	E	E	E	E	E	E	E	E	4	5				4.5	2
1563	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	4	4	4	4	4	4.0	5
1564	/E	D	D	/P	E	D	D	D	/E	E	D	D	D	/E	E	D	D	/E	E	D	D	3	5	5	4		4.3	4
1565	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-
1566	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
1567	/E	D	D	D	/P	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	4	5	4	4		4.3	4
1568	D	/E	D	D	D	/E	E	D	D	D	D	D	/E	D	D	D	/E	E	D	D	D	4	7	4			5.0	3
1569	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
1570	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	E	D	D	D	/E	4	4	4	5		4.3	4
1571	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
1572	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	D	D	/E	D	5	5	7			5.7	3
1573	D	/E	D	D	D	/P	E	D	D	D	D	/E	D	D	D	/E	D	D	D	D	/E	4	6	4	5		4.8	4
1574	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
1575	/E	D	D	/P	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	3	5	4	4	4	4.0	5
1576	D	D	D	D	D	D	D	/E	E	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4			4.0	3

Number with irregular cycles	5

Mean	4.4	3.7
S.D.	0.6	1.0
N	25	25

Pre-Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 2: 2000 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
2551	/E	D	D	D	D	D	D	D	D	D	D	D	D	/E	D	D	D	/E	D	D	D	Ps	4				4.0	1
2552	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	E	D	D	D	/E	D	D	D	5	4	5			4.7	3
2553	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
2554	D	/E	D	D	/E	D	D	D	D	/E	D	D	D	D	D	D	/E	D	D	D	D	3	5	7			5.0	3
2555	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	5	4	4	4		4.3	4
2556	D	D	/E	M	D	D	/E	E	D	D	D	/E	D	D	D	/E	E	E	D	D	D	4	5	4			4.3	3
2557	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
2558	D	D	D	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4			4.0	3
2559	D	D	D	D	/E	D	D	D	D	/E	M	D	D	/P	E	D	D	D	D	/E	D	5	4	6			5.0	3
2560	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
2561	D	D	D	/E	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	E	D	D	D	4	5	4			4.3	3
2562	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	M	D	D	/E	Ps	4				4.0	1
2563	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
2564	D	/E	M	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	5	4	4	4		4.3	4
2565	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	D	D	Ps					-	-
2566	D	/E	E	D	D	D	D	/E	D	D	D	/E	D	D	D	D	D	/E	D	D	D	6	4	6			5.3	3
2567	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
2568	D	D	D	D	/E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	D	D	/E	4	5	7			5.3	3
2569	D	D	D	D	/P	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	D	D	D	4	5	4			4.3	3
2570	/E	E	D	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	5	5	4	4		4.5	4
2571	/E	E	D	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	5	5	4	4		4.5	4
2572	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
2573	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
2574	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
2575	D	D	/E	D	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	5	4	4		4.3	4
2576	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4

Number with irregular cycles	4

Mean	4.3	3.5
S.D.	0.4	1.0
N	25	25

Pre-Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 3: 10000 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
3551	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
3552	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
3553	D	/E	E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	D	D	D	D	5	5	5			5.0	3
3554	/E	D	D	D	/P	E	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	D	D	4	5	5	4		4.5	4
3555	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	5	4	4	4		4.3	4
3556	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
3557	/E	E	D	D	D	/E	E	D	D	D	D	/E	D	D	D	D	D	D	D	D	D	5	6	Ps			5.5	2
3558	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	D	D	D	D	D	4	4	4	Ps		4.0	3
3559	D	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4		4.0	4
3560	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	E	M	D	4	4	4	4		4.0	4
3561	/E	D	D	D	/E	M	D	D	/P	E	D	D	D	/P	E	D	D	D	D	/E	D	4	4	5	6		4.8	4
3562	D	D	D	/E	E	D	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	D	D	6	5	4			5.0	3
3563	/E	E	D	D	D	/P	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	5	5	4	4		4.5	4
3564	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	D	/E	D	4	4	4	5		4.3	4
3565	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	5	4	4	4		4.3	4
3566	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	4	4	4	4		4.0	4
3567	D	D	D	/P	E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	E	D	5	5	5			5.0	3
3568	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	5	4	4	4		4.3	4
3569	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
3570	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
3571	/E	E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	5	4	4	4		4.3	4
3572	D	D	D	/E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	E	D	D	4	5	5			4.7	3
3573	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
3574	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
3575	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
3576	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	4	4	4	4		4.0	4

Number with irregular cycles	3

Mean	4.3	3.8
S.D.	0.4	0.6
N	26	26

Pre-Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 4: 20000 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
4551	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
4552	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
4553	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
4554	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	D	D	/E	5	5	4	4		4.5	4
4555	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
4556	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
4557	D	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	Ps					-	-
4558	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	D	/E	4	4	4	5		4.3	4
4559	D	D	/E	D	D	D	D	/E	E	D	D	D	D	/E	D	D	D	/E	D	D	D	5	6	4			5.0	3
4560	D	D	D	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	5	4	4			4.3	3
4561	/E	E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	5	4	4	4		4.3	4
4562	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
4563	D	/E	D	D	D	D	/E	D	D	D	/P	E	D	D	D	/E	D	D	D	/E	M	5	4	5	4		4.5	4
4564	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
4565	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
4566	/E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	D	/E	D	D	D	/E	D	4	5	6	4		4.8	4
4567	D	/E	D	D	D	/E	E	D	D	D	/E	D	D	D	/E	E	D	D	D	D	/E	4	5	4	6		4.8	4
4568	/E	E	D	D	D	/E	E	D	D	D	D	D	D	D	D	D	/E	M	D	D	/E	5	11	4			6.7	3
4569	D	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	/E	D	D	D	D	Ps					-	-
4570	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-
4571	D	D	D	/E	M	D	D	D	/E	E	D	D	D	D	/E	D	D	D	/E	D	D	5	6	4			5.0	3
4572	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
4573	D	/E	D	D	D	/E	E	D	D	D	D	D	/E	D	D	D	D	/E	D	D	D	4	7	5			5.3	3
4574	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
4575	/E	E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	5	4	4	4		4.3	4
4576	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4

Number with irregular cycles	6

Mean	4.4	3.9
S.D.	0.6	0.5
N	23	23

Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 1: 0 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
1551	D	D	/C												0	P
1552	D	D	/C												0	P
1553	D	D	D	D	/C										0	P
1554	D	D	D	/C											0	P
1555	D	/S													0	P
1556	D	/S													0	P
1557	D	D	/E	C											0	P
1558	D	D	D	D	D	D	D	D	/C						0	P
1559	D	D	D	/E	C										0	NP
1560	D	D	D	/C											0	P
1561	/C														0	P
1562	E	E	E	E	E	E	E	E	E	E	E	E	E	E	-	NP
1563	D	D	D	/C											0	P
1564	D	/S													0	P
1565	D	D	D	D	D	D	D	D	D	D	D	D	D	D	-	NP
1566	D	D	/C												0	P
1567	/E	S													0	P
1568	/E	C													0	P
1569	D	D	D	/C											0	P
1570	D	D	D	/C											0	P
1571	D	/S													0	P
1572	D	D	/E	S											0	P
1573	D	D	D	/C											0	P
1574	D	/S													0	P
1575	D	D	D	/C											0	P
1576	D	D	/C												0	P

Females passing ≥ 1 estrus without mating	0
Number of pregnant females	23

Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 2: 2000 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
2551	/C														0	P
2552	D	/S													0	P
2553	/S														0	P
2554	D	D	/S												0	P
2555	D	D	/S												0	P
2556	/E	S													0	P
2557	D	/S													0	P
2558	D	/S													0	P
2559	D	D	D	/C											0	NP
2560	D	D	D	/C											0	P
2561	D	/S													0	P
2562	D	D	D	/C											0	P
2563	/S														0	P
2564	D	/S													0	P
2565	D	/S													0	P
2566	D	D	/C												0	P
2567	S														0	P
2568	E	D	D	D	D	D	D	E	E	D	E	E	D	E	3	NP
2569	/S														0	P
2570	D	D	D	/E	C										0	P
2571	D	/S													0	P
2572	D	/S													0	P
2573	D	D	D	/S											0	P
2574	D	D	/C												0	P
2575	D	D	D	/S											0	P
2576	D	D	/C												0	P

Females passing ≥ 1 estrus without mating	1
Number of pregnant females	24

Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 3: 10000 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
3551	D	/S													0	P
3552	D	D	/S												0	P
3553	/S														0	P
3554	D	/S													0	P
3555	/S														0	P
3556	D	D	/C												0	P
3557	D	D	D	D	D	D	D	D	D	E	D	D	D	E	1	NP
3558	D	D	D	D	/C										0	P
3559	D	D	D	D	/C										0	P
3560	D	/S													0	P
3561	D	D	/S												0	P
3562	D	D	/S												0	P
3563	D	/S													0	P
3564	D	/C													0	P
3565	/C														0	P
3566	/S														0	P
3567	D	D	/E	D	/S										0	P
3568	D	/S													0	P
3569	D	/S													0	P
3570	D	D	/C												0	P
3571	/S														0	P
3572	D	D	/C												0	P
3573	M	D	D	/S											0	P
3574	D	D	/C												0	P
3575	/S														0	P
3576	D	D	/C												0	P

Females passing ≥ 1 estrus without mating	1
Number of pregnant females	25

Mating	Individual Estrous Cycle and Mating Data P_0 Generation	Appendix P

Group 4: 20000 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
4551	D	D	/S												0	P
4552	D	/S													0	P
4553	D	/S													0	P
4554	D	D	D	/C											0	P
4555	D	D	/S												0	P
4556	D	D	/S												0	P
4557	D	D	D	/C											0	P
4558	S														0	P
4559	D	/P	S												0	P
4560	D	D	/C												0	P
4561	/S														0	P
4562	D	D	D	/C											0	P
4563	D	D	/C												0	P
4564	D	/S													0	P
4565	D	/S													0	P
4566	D	D	D	/E	S										0	P
4567	D	D	D	/E	C										0	P
4568	D	D	/C												0	P
4569	D	D	D	/C											0	P
4570	/S														0	P
4571	D	D	D	D	D	D	D	D	D	D	D	D	/C		-	P
4572	D	D	/S												0	P
4573	/P	S													0	P
4574	D	D	D	/C											0	P
4575	/S														0	P
4576	/S														0	P

Females passing ≥ 1 estrus without mating	0
Number of pregnant females	26

Pre-Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 1: 0 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
1501	/E	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	M	D	D	D	D	/P	D	4	5	4	6		4.8	4
1502	D	D	D	D	D	/E	D	D	D	/E	E	D	D	D	D	/E	M	D	D	D	/P	4	6	5			5.0	3
1503	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	E	D	4	4	4	4		4.0	4
1504	D	D	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	D	D	4	4	4			4.0	3
1505	/E	D	D	D	/E	D	D	D	D	D	D	D	/E	D	D	D	/E	D	D	D	/E	4	8	4	4		5.0	4
1506	/M	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	M	3	4	4	4	4	3.8	5
1507	/E	D	D	D	D	/P	D	D	D	/E	D	D	D	D	/E	M	D	D	/E	D	D	5	4	5	4		4.5	4
1508	D	D	D	/E	M	D	D	D	/E	M	D	D	D	/E	M	D	D	/E	D	D	D	5	5	4			4.7	3
1509	D	D	D	/E	D	D	D	/E	D	D	D	/E	E	D	D	/P	E	D	D	D	/E	4	4	4	5		4.3	4
1510	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
1511	D	D	D	D	D	D	D	D	D	D	D	D	D	/P	E	M	D	D	/E	M	D	Ps	5				5.0	1
1512	/E	D	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	5	4	4	4		4.3	4
1513	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	M	D	4	4	4	4		4.0	4
1514	D	D	/E	M	D	D	/E	D	D	D	/E	E	D	D	D	/E	D	D	D	/E	D	4	4	5	4		4.3	4
1515	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
1516	D	D	D	/E	M	D	D	D	/E	M	D	D	D	D	/M	D	D	/E	D	D	D	5	6	3			4.7	3
1517	D	/E	D	D	D	/E	E	M	D	D	D	/E	M	D	D	/E	D	D	D	/P	E	4	6	4	4		4.5	4
1518	D	D	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	/E	D	D	D	Ps					-	-
1519	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
1520	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	4	4	4	4		4.0	4
1521	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	D	D	D	4	4	4	Ps		4.0	3
1522	D	D	D	/E	E	D	D	D	D	/E	D	D	D	D	/E	D	D	/E	E	D	D	6	5	3			4.7	3
1523	D	/E	D	D	D	/P	E	D	D	D	D	/E	M	D	D	/P	E	D	D	D	/P	4	6	4			4.7	3
1524	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
1525	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
1526	/E	D	D	D	/E	D	D	D	D	/E	M	D	D	/E	D	D	D	D	D	D	D	4	5	4			4.3	3

Number with irregular cycle	7

Mean	4.3	3.6
S.D.	0.4	0.8
N	25	25

Pre-Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 2: 2000 mg/m3

Animal No.	Pre-Mating Period																					Cycles (Days)						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	C_1	C_2	C_3	C_4	C_5	ML	NC
2501	D	/E	E	D	D	D	/E	E	D	D	D	/E	M	D	D	D	/E	E	D	D	D	5	5	5			5.0	3
2502	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
2503	D	/E	E	D	D	D	/E	D	D	D	D	D	D	D	/E	D	D	D	/E	E	D	5	8	4			5.7	3
2504	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	/E	E	D	D	D	/E	D	4	4	3	5		4.0	4
2505	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
2506	D	D	/E	D	D	D	D	/E	D	D	D	/P	E	M	D	D	/E	D	D	D	D	5	4	5			4.7	3
2507	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
2508	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/P	E	M	D	D	Ps					-	-
2509	/E	D	D	D	/E	E	D	D	D	/E	E	M	D	D	/E	M	D	D	D	/E	D	4	5	5	5		4.8	4
2510	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
2511	D	D	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/P	E	E	D	D	D	4	4	4			4.0	3
2512	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
2513	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	4	4	4	4		4.0	4
2514	D	D	D	D	D	D	/P	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	3	4	4			3.7	3
2515	D	D	D	D	D	D	D	D	/E	M	D	D	/E	E	M	D	D	D	/E	M	D	4	6				5.0	2
2516	D	D	D	D	D	D	D	/P	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-
2517	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	4	4	4	4		4.0	4
2518	D	D	D	D	D	D	/E	D	D	D	D	/E	M	D	D	D	D	D	D	D	D	5	Ps				5.0	1
2519	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	Ps					-	-
2520	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
2521	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	4	4	4	4	4	4.0	5
2522	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	4	4	4	4		4.0	4
2523	D	/E	D	D	D	/E	D	D	D	/P	E	M	D	D	/E	D	D	D	/E	D	D	4	4	5	4		4.3	4
2524	/E	D	D	D	/E	E	D	D	D	/E	E	M	D	D	/E	M	M	D	D	D	/E	4	5	5	6		5.0	4
2525	D	/E	E	D	D	D	/E	E	D	D	D	D	/E	M	D	D	/E	E	D	D	D	5	6	4			5.0	3
2526	D	D	D	/E	M	D	D	/E	M	M	D	/E	E	D	D	/E	D	/E	M	D	D	4	4	4	2		3.5	4

Number with irregular cycle	5

Mean	4.3	3.6
S.D.	0.6	0.9
N	23	23

Pre-Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 3: 10000 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
3501	D	D	/E	D	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	D	5	4	4	4		4.3	4
3502	D	D	D	/E	D	D	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	D	D	5	5	5			5.0	3
3503	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-
3504	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	Ps					-	-
3505	/E	D	D	D	/E	E	D	D	D	/E	E	D	D	D	/E	M	D	D	D	D	/E	4	5	5	6		5.0	4
3506	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	/E	Ps					-	-
3507	/E	D	D	D	/E	D	D	D	D	/E	D	D	D	/E	M	D	D	D	D	D	D	4	5	4	Ps		4.3	3
3508	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	D	D	4	4	4	Ps		4.0	3
3509	D	D	D	/E	M	D	D	D	/E	M	D	D	/E	E	M	D	D	D	/E	M	D	5	4	6			5.0	3
3510	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
3511	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-
3512	/M	D	D	/E	E	M	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	3	Ps				3.0	1
3513	/E	M	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	4	Ps				4.0	1
3514	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	4	4	4	4	4	4.0	5
3515	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
3516	D	/E	D	D	D	/E	M	D	D	/E	E	M	D	D	/E	D	D	D	/E	D	D	4	4	4	3		3.8	4
3517	D	/E	D	D	D	/E	E	D	D	D	/E	M	D	D	/E	E	D	D	D	/E	E	4	5	4	5		4.5	4
3518	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
3519	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	4	4	4	4	4	4.0	5
3520	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	4	4	4	4		4.0	4
3521	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
3522	/E	D	D	D	D	/E	D	D	D	/E	E	D	D	D	/E	M	D	D	D	/E	E	5	4	5	5		4.8	4
3523	/E	M	D	D	D	/E	D	D	D	D	D	D	D	D	/E	D	D	/E	D	D	D	5	9	3			5.7	3
3524	/E	D	D	D	D	/P	M	D	D	D	/E	M	D	D	/E	M	D	D	D	/E	M	5	5	4	5		4.8	4
3525	/E	D	D	D	/P	E	M	D	D	/E	D	/E	D	D	D	/E	D	D	D	/E	M	4	5	2	4	4	3.8	5
3526	D	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-

Number with irregular cycle	4

Mean	4.3	3.7
S.D.	0.6	1.1
N	21	21

Pre-Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 4: 20000 mg/m3

Animal No.	Pre-Mating Period 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Cycles (Days) C_1	C_2	C_3	C_4	C_5	ML	NC
4501	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	E	D	D	/E	D	D	D	4	4	4	4		4.0	4
4502	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
4503	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	4	4	4	4		4.0	4
4504	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	/E	E	D	D	D	/E	D	4	4	3	5		4.0	4
4505	D	D	D	D	D	D	D	D	D	D	D	/E	E	D	D	D	/P	M	D	D	D	Ps	5				5.0	1
4506	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
4507	D	D	D	/E	E	M	D	D	/E	E	M	D	D	/E	M	D	D	/E	M	D	D	5	5	4			4.7	3
4508	D	D	/E	E	M	D	D	/E	E	M	D	D	/P	E	M	D	D	/E	M	D	D	5	5	5			5.0	3
4509	/E	E	D	D	D	/E	E	D	D	D	D	/E	M	D	D	/E	E	D	D	D	D	5	6	4			5.0	3
4510	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	4	4	4	4		4.0	4
4511	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	Ps					-	-
4512	/E	D	D	D	/E	D	D	D	/E	D	D	/E	E	D	D	D	/E	D	D	D	/E	4	4	3	5	4	4.0	5
4513	D	D	/E	M	D	D	/E	E	D	D	D	/E	E	D	D	D	D	-	-	-	-	4	5				4.5	2
4514	D	D	/E	M	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	4	4	4	4		4.0	4
4515	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	4	4	4	4		4.0	4
4516	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	/E	E	D	D	D	/E	D	4	4	3	5		4.0	4
4517	/E	M	D	D	/E	D	D	D	D	/E	E	M	D	D	/E	M	E	D	D	D	D	4	5	5	Ps		4.7	3
4518	D	/E	D	D	D	/E	D	D	D	/E	D	D	/E	E	D	D	D	/E	D	D	D	4	4	3	5		4.0	4
4519	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	4	4	4	4		4.0	4
4520	/E	D	D	D	D	/E	D	D	D	/E	E	M	D	D	/E	E	D	D	D	/E	E	5	4	5	5		4.8	4
4521	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	4	4	4	4		4.0	4
4522	/E	D	D	D	D	D	/E	M	D	D	D	/E	M	D	D	D	/E	E	D	D	D	6	5	5			5.3	3
4523	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	M	D	D	/E	M	D	D	4	4	4			4.0	3
4524	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4
4525	/E	M	D	D	/E	M	D	D	/E	M	D	D	/E	D	D	D	/E	D	D	D	/E	4	4	4	4	4	4.0	5
4526	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	D	D	/E	D	4	4	4	4		4.0	4

Number with irregular cycle	2

Mean	4.3	3.7
S.D.	0.4	0.9
N	25	25

Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 1: 0 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
1501	D	D	D	/C											0	P
1502	D	D	D	D	/S										0	P
1503	D	/C													0	P
1504	D	D	/E	D	D	D	D	D	D	D	D	D	D	D	0	P
1505	D	D	D	/C											0	P
1506	D	D	/C												0	P
1507	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	1	NP
1508	D	/C													0	P
1509	E	E	E	E	D	/E	E	S							-	NP
1510	D	D	/C												0	P
1511	D	/C													0	P
1512	/C														0	P
1513	D	/C													0	P
1514	D	D	/E	M	D	D	D	D	D	D	D	D	D	D	1	NP
1515	D	/E	D	D	D	D	D	D	D	D	D	D	D	D	1	NP
1516	/E	C													0	P
1517	D	D	D	D	/C										0	P
1518	/E	C													0	P
1519	D	/C													0	P
1520	/C														0	NP
1521	D	D	D	D	D	D	/S								0	P
1522	D	/S													0	P
1523	C														0	P
1524	/C														0	P
1525	/C														0	P
1526	D	/E	E	D	D	D	D	/S							1	P

Females passing ≥ 1 estrus without mating	4
Number of pregnant females	21

Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 2: 2000 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
2501	/E	S													0	P
2502	D	D	D	/C											0	P
2503	D	D	D	D	/C										0	P
2504	D	D	/S												0	P
2505	/S														0	P
2506	/E	D	D	D	D	/C									0	P
2507	D	D	/C												0	P
2508	/E	S													0	P
2509	D	D	/C												0	P
2510	D	D	/C												0	P
2511	D	/C													0	P
2512	D	D	/C												0	P
2513	D	/E	D	D	D	/E	M	D	D	D	D	D	D	D	2	NP
2514	/E	M	D	D	/E	D	D	D	D	D	D	D	D	D	2	NP
2515	D	D	/S												0	P
2516	/E	D	D	D	/E	E	M	D	D	D	D	D	D	D	2	NP
2517	/C														0	P
2518	D	D	D	/C											0	P
2519	D	D	D	/C											0	P
2520	D	/S													0	P
2521	D	D	D	/C											0	P
2522	D	/S													0	P
2523	D	/C													0	P
2524	D	D	D	D	/E	E	E	E	E	E	E	E	E	E	1	NP
2525	/E	S													0	P
2526	/C														0	NP

Females passing ≥ 1 estrus without mating	4
Number of pregnant females	21

Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 3: 10000 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
3501	D	D	/C												0	P
3502	D	D	D	D	D	D	/P	E	D	D	D	E	E	M	3	NP
3503	/S														0	P
3504	D	D	D	/E	D	D	D	D	D	D	D	D	D	D	1	NP
3505	D	D	D	/S											0	P
3506	M	D	D	/E	D	D	D	D	D	D	D	D	D	D	1	NP
3507	D	D	D	D	/C										0	P
3508	D	D	D	D	D	D	D	D	/S						0	P
3509	D	D	/C												0	P
3510	D	/C													0	P
3511	/C														0	P
3512	D	/C													0	P
3513	D	D	/C												0	P
3514	D	D	D	/C											0	P
3515	D	D	/C												0	P
3516	D	/S													0	P
3517	D	D	D	/C											0	P
3518	D	D	D	/C											0	P
3519	D	D	D	/C											0	P
3520	/C														0	P
3521	D	D	D	/C											0	P
3522	D	D	D	/E	S										0	P
3523	D	/S													0	P
3524	D	D	D	D	D	D	D	D	D	D	D	D	D	/S	0	P
3525	D	D	/C												0	P
3526	D	D	D	/C											0	P

Females passing ≥ 1 estrus without mating	3
Number of pregnant females	23

Mating	Individual Estrous Cycle and Mating Data F_1 Generation	Appendix P

Group 4: 20000 mg/m3

Animal No.	Mating 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	PS
4501	/S														0	P
4502	D	D	/E	D	D	D	/E	E	D	D	D	/C			2	P
4503	/C														0	P
4504	D	D	/S												0	P
4505	D	/S													0	P
4506	D	D	D	/S											0	P
4507	D	/E	C												0	P
4508	/E	D	D	D	D	/C									1	P
4509	D	/C													0	P
4510	/S														0	P
4511	D	D	D	/S											0	P
4512	D	D	D	/S											0	P
4513															-	-
4514	D	/E	M	D	D	/E	M	D	D	E	D	D	E	E	4	NP
4515	/S														0	P
4516	D	D	/S												0	P
4517	D	D	D	D	D	D	D	D	/S						0	P
4518	D	/S													0	P
4519	/S														0	P
4520	D	D	D	D	/C										0	P
4521	D	/S													0	P
4522	D	/C													0	P
4523	/C														0	P
4524	D	D	/S												0	P
4525	D	D	D	/E	D	D	D	D	D	D	D	D	D	D	1	P
4526	D	D	/C												0	P

Females passing ≥ 1 estrus without mating	4
Number of pregnant females	24

APPENDIX Q P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP I 0 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
1551	1051		+	P	20-AUG-01	23-AUG-01
1552	1052		+	P	20-AUG-01	23-AUG-01
1553	1053		+	P	20-AUG-01	25-AUG-01
1554	1054		+	P	20-AUG-01	24-AUG-01
1555	1055		+	P	20-AUG-01	22-AUG-01
1556	1056		+	P	20-AUG-01	22-AUG-01
1557	1057		+	P	20-AUG-01	24-AUG-01
1558	1058		+	P	20-AUG-01	29-AUG-01
1559	1059		+	NP	20-AUG-01	25-AUG-01
1560	1060		+	P	20-AUG-01	24-AUG-01
1561	1061		+	P	20-AUG-01	21-AUG-01
1562	1062		-	NP	20-AUG-01	
1563	1063		+	P	20-AUG-01	24-AUG-01
1564	1064		+	P	20-AUG-01	22-AUG-01
1565	1065		-	NP	20-AUG-01	
1566	1066		+	P	20-AUG-01	23-AUG-01
1567	1067		+	P	20-AUG-01	22-AUG-01
1568	1068		+	P	20-AUG-01	22-AUG-01
1569	1069		+	P	20-AUG-01	24-AUG-01
1570	1070		+	P	20-AUG-01	24-AUG-01
1571	1071		+	P	20-AUG-01	22-AUG-01
1572	1072		+	P	20-AUG-01	24-AUG-01
1573	1073		+	P	20-AUG-01	24-AUG-01
1574	1074		+	P	20-AUG-01	22-AUG-01
1575	1075		+	P	20-AUG-01	24-AUG-01
1576	1076		+	P	20-AUG-01	23-AUG-01

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT P=PREGNANT

APPENDIX Q P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP II 2000 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
2551	2051		+	P	20-AUG-01	21-AUG-01
2552	2052		+	P	20-AUG-01	22-AUG-01
2553	2053		+	P	20-AUG-01	21-AUG-01
2554	2054		+	P	20-AUG-01	23-AUG-01
2555	2055		+	P	20-AUG-01	23-AUG-01
2556	2056		+	P	20-AUG-01	22-AUG-01
2557	2057		+	P	20-AUG-01	22-AUG-01
2558	2058		+	P	20-AUG-01	22-AUG-01
2559	2059		+	NP	20-AUG-01	24-AUG-01
2560	2060		+	P	20-AUG-01	24-AUG-01
2561	2061		+	P	20-AUG-01	22-AUG-01
2562	2062		+	P	20-AUG-01	24-AUG-01
2563	2063		+	P	20-AUG-01	21-AUG-01
2564	2064		+	P	20-AUG-01	22-AUG-01
2565	2065		+	P	20-AUG-01	22-AUG-01
2566	2066		+	P	20-AUG-01	23-AUG-01
2567	2067		+	P	20-AUG-01	21-AUG-01
2568	2068		-	NP	20-AUG-01	
2569	2069		+	P	20-AUG-01	21-AUG-01
2570	2070		+	P	20-AUG-01	25-AUG-01
2571	2071		+	P	20-AUG-01	22-AUG-01
2572	2072		+	P	20-AUG-01	22-AUG-01
2573	2073		+	P	20-AUG-01	24-AUG-01
2574	2074		+	P	20-AUG-01	23-AUG-01
2575	2075		+	P	20-AUG-01	24-AUG-01
2576	2076		+	P	20-AUG-01	23-AUG-01

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT P=PREGNANT

APPENDIX Q P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP III 10000 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
3551	3051		+	P	20-AUG-01	22-AUG-01
3552	3052		+	P	20-AUG-01	23-AUG-01
3553	3053		+	P	20-AUG-01	21-AUG-01
3554	3054		+	P	20-AUG-01	22-AUG-01
3555	3055		+	P	20-AUG-01	21-AUG-01
3556	3056		+	P	20-AUG-01	23-AUG-01
3557	3057		-	NP	20-AUG-01	
3558	3058		+	P	20-AUG-01	25-AUG-01
3559	3059		+	P	20-AUG-01	25-AUG-01
3560	3060		+	P	20-AUG-01	22-AUG-01
3561	3061		+	P	20-AUG-01	23-AUG-01
3562	3062		+	P	20-AUG-01	23-AUG-01
3563	3063		+	P	20-AUG-01	22-AUG-01
3564	3064		+	P	20-AUG-01	22-AUG-01
3565	3065		+	P	20-AUG-01	21-AUG-01
3566	3066		+	P	20-AUG-01	21-AUG-01
3567	3067		+	P	20-AUG-01	25-AUG-01
3568	3068		+	P	20-AUG-01	22-AUG-01
3569	3069		+	P	20-AUG-01	22-AUG-01
3570	3070		+	P	20-AUG-01	23-AUG-01
3571	3071		+	P	20-AUG-01	21-AUG-01
3572	3072		+	P	20-AUG-01	23-AUG-01
3573	3073		+	P	20-AUG-01	24-AUG-01
3574	3074		+	P	20-AUG-01	23-AUG-01
3575	3075		+	P	20-AUG-01	21-AUG-01
3576	3076		+	P	20-AUG-01	23-AUG-01

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT P=PREGNANT

APPENDIX Q P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP IV 20000 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
4551	4051		+	P	20-AUG-01	23-AUG-01
4552	4052		+	P	20-AUG-01	22-AUG-01
4553	4053		+	P	20-AUG-01	22-AUG-01
4554	4054		+	P	20-AUG-01	24-AUG-01
4555	4055		+	P	20-AUG-01	23-AUG-01
4556	4056		+	P	20-AUG-01	23-AUG-01
4557	4057		+	P	20-AUG-01	24-AUG-01
4558	4058		+	P	20-AUG-01	21-AUG-01
4559	4059		+	P	20-AUG-01	23-AUG-01
4560	4060		+	P	20-AUG-01	23-AUG-01
4561	4061		+	P	20-AUG-01	21-AUG-01
4562	4062		+	P	20-AUG-01	24-AUG-01
4563	4063		+	P	20-AUG-01	23-AUG-01
4564	4064		+	P	20-AUG-01	22-AUG-01
4565	4065		+	P	20-AUG-01	22-AUG-01
4566	4066		+	P	20-AUG-01	25-AUG-01
4567	4067		+	P	20-AUG-01	25-AUG-01
4568	4068		+	P	20-AUG-01	23-AUG-01
4569	4069		+	P	20-AUG-01	24-AUG-01
4570	4070		+	P	20-AUG-01	21-AUG-01
4571	4071		+	P	20-AUG-01	2-SEP-01
4572	4072		+	P	20-AUG-01	23-AUG-01
4573	4073		+	P	20-AUG-01	22-AUG-01
4574	4074		+	P	20-AUG-01	24-AUG-01
4575	4075		+	P	20-AUG-01	21-AUG-01
4576	4076		+	P	20-AUG-01	21-AUG-01

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

P=PREGNANT

APPENDIX Q F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP I 0 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
1501	1006		+	P	31-DEC-01	4-JAN-02
1502	1007		+	P	31-DEC-01	5-JAN-02
1503	1008		+	P	31-DEC-01	2-JAN-02
1504	1009		-	P	31-DEC-01	
1505	1010		+	P	31-DEC-01	4-JAN-02
1506	1011		+	P	31-DEC-01	3-JAN-02
1507	1012		-	NP	31-DEC-01	
1508	1013		+	P	31-DEC-01	2-JAN-02
1509	1014		+	NP	31-DEC-01	8-JAN-02
1510	1015		+	P	31-DEC-01	3-JAN-02
1511	1016		+	P	31-DEC-01	2-JAN-02
1512	1017		+	P	31-DEC-01	1-JAN-02
1513	1018		+	P	31-DEC-01	2-JAN-02
1514	1019		-	NP	31-DEC-01	
1515	1020		-	NP	31-DEC-01	
1516	1021		+	P	31-DEC-01	2-JAN-02
1517	1022		+	P	31-DEC-01	5-JAN-02
1518	1023		+	P	31-DEC-01	2-JAN-02
1519	1024		+	P	31-DEC-01	2-JAN-02
1520	1026		+	NP	31-DEC-01	1-JAN-02
1521	1001		+	P	31-DEC-01	7-JAN-02
1522	1002		+	P	31-DEC-01	2-JAN-02
1523	1003		+	P	31-DEC-01	1-JAN-02
1524	1004		+	P	31-DEC-01	1-JAN-02
1525	1005		+	P	31-DEC-01	1-JAN-02
1526	1017		+	P	1-JAN-02	8-JAN-02

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT P=PREGNANT

APPENDIX Q F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP II 2000 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
2501	2006		+	P	31-DEC-01	2-JAN-02
2502	2007		+	P	31-DEC-01	4-JAN-02
2503	2008		+	P	31-DEC-01	5-JAN-02
2504	2009		+	P	31-DEC-01	3-JAN-02
2505	2010		+	P	31-DEC-01	1-JAN-02
2506	2011		+	P	31-DEC-01	6-JAN-02
2507	2012		+	P	31-DEC-01	3-JAN-02
2508	2013		+	P	31-DEC-01	2-JAN-02
2509	2014		+	P	31-DEC-01	3-JAN-02
2510	2015		+	P	31-DEC-01	3-JAN-02
2511	2016		+	P	31-DEC-01	2-JAN-02
2512	2017		+	P	31-DEC-01	3-JAN-02
2513	2018		-	NP	31-DEC-01	
2514	2019		-	NP	31-DEC-01	
2515	2020		+	P	31-DEC-01	3-JAN-02
2516	2021		-	NP	31-DEC-01	
2517	2022		+	P	31-DEC-01	1-JAN-02
2518	2023		+	P	31-DEC-01	4-JAN-02
2519	2024		+	P	31-DEC-01	4-JAN-02
2520	2025		+	P	31-DEC-01	2-JAN-02
2521	2026		+	P	31-DEC-01	4-JAN-02
2522	2001		+	P	31-DEC-01	2-JAN-02
2523	2002		+	P	31-DEC-01	2-JAN-02
2524	2003		-	NP	31-DEC-01	
2525	2004		+	P	31-DEC-01	2-JAN-02
2526	2005		+	NP	31-DEC-01	1-JAN-02

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT P=PREGNANT

APPENDIX Q F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP III 10000 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
3501	3006		+	P	31-DEC-01	3-JAN-02
3502	3007		-	NP	31-DEC-01	
3503	3008		+	P	31-DEC-01	1-JAN-02
3504	3009		-	NP	31-DEC-01	
3505	3010		+	P	31-DEC-01	4-JAN-02
3506	3011		-	NP	31-DEC-01	
3507	3012		+	P	31-DEC-01	5-JAN-02
3508	3013		+	P	31-DEC-01	9-JAN-02
3509	3014		+	P	31-DEC-01	3-JAN-02
3510	3015		+	P	31-DEC-01	2-JAN-02
3511	3016		+	P	31-DEC-01	1-JAN-02
3512	3017		+	P	31-DEC-01	2-JAN-02
3513	3018		+	P	31-DEC-01	3-JAN-02
3514	3019		+	P	31-DEC-01	4-JAN-02
3515	3020		+	P	31-DEC-01	3-JAN-02
3516	3021		+	P	31-DEC-01	2-JAN-02
3517	3022		+	P	31-DEC-01	4-JAN-02
3518	3023		+	P	31-DEC-01	4-JAN-02
3519	3024		+	P	31-DEC-01	4-JAN-02
3520	3025		+	P	31-DEC-01	1-JAN-02
3521	3026		+	P	31-DEC-01	4-JAN-02
3522	3001		+	P	31-DEC-01	5-JAN-02
3523	3002		+	P	31-DEC-01	2-JAN-02
3524	3003		+	P	31-DEC-01	14-JAN-02
3525	3004		+	P	31-DEC-01	3-JAN-02
3526	3005		+	P	31-DEC-01	4-JAN-02

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT P=PREGNANT

APPENDIX Q F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL MATING ASSIGNMENTS

GROUP IV 20000 MG/M3

Female No.	Male No.	Alternate Male No.	Sperm/Plug	Outcome	Date of Cohabitation	Date of Insemination
4501	4006		+	P	31-DEC-01	1-JAN-02
4502	4007		+	P	31-DEC-01	12-JAN-02
4503	4008		+	P	31-DEC-01	1-JAN-02
4504	4009		+	P	31-DEC-01	3-JAN-02
4505	4010		+	P	31-DEC-01	2-JAN-02
4506	4011		+	P	31-DEC-01	4-JAN-02
4507	4012		+	P	31-DEC-01	3-JAN-02
4508	4013		+	P	31-DEC-01	6-JAN-02
4509	4014		+	P	31-DEC-01	2-JAN-02
4510	4015		+	P	31-DEC-01	1-JAN-02
4511	4016		+	P	31-DEC-01	4-JAN-02
4512	4017		+	P	31-DEC-01	4-JAN-02
4513			N	NNMD		
4514	4018		-	NP	31-DEC-01	
4515	4019		+	P	31-DEC-01	1-JAN-02
4516	4020		+	P	31-DEC-01	3-JAN-02
4517	4021		+	P	31-DEC-01	9-JAN-02
4518	4022		+	P	31-DEC-01	2-JAN-02
4519	4023		+	P	31-DEC-01	1-JAN-02
4520	4024		+	P	31-DEC-01	5-JAN-02
4521	4025		+	P	31-DEC-01	2-JAN-02
4522	4026		+	P	31-DEC-01	2-JAN-02
4523	4001		+	P	31-DEC-01	1-JAN-02
4524	4002		+	P	31-DEC-01	3-JAN-02
4525	4003		-	P	31-DEC-01	
4526	4004		+	P	31-DEC-01	3-JAN-02

+ = Sperm/Plug Positive - = Sperm/Plug Negative N = Not Mated

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE P=PREGNANT

APPENDIX R P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP I 0 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28			
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	TATIONS N	(DAYS) N
1551	17	0	17	12	5	12	5	5	5	5	5	5	5	5	5	17	22
1552	15	0	15	10	5	10	5	6	4	6	4	6	4	6	4	16	21
1553	17	0	17	11	6	11	6	5	5	5	5	5	5	5	5	17	21
1554	15	0	15	8	7	8	7	5	5	5	5	5	5	5	5	15	22
1555	14	0	14	6	8	6	8	5	5	5	5	5	5	4	4	17	22
1556	14	0	14	7	7	7	7	5	5	5	5	5	5	5	5	16	22
1557	19	0	19	9	9	9	9	5	5	5	5	5	5	5	5	19	22
1558	14	0	14	8	6	8	6	5	5	5	5	5	5	5	5	17	22
1559x NP																	
1560	16	1	17	7	7	7	6	5	5	5	5	5	5	5	5	17	22
1561	12	0	12	6	6	6	6	5	5	5	5	5	5	5	5	15	21
1562x NP																	
1563	15	0	15	5	9	5	9	5	5	5	5	5	5	5	5	14	22
1564	14	0	14	9	5	8	5	5	5	5	5	5	5	4	4	17	22
1565x NP																	
1566	16	0	16	8	8	8	7	5	5	5	5	5	5	4	4	17	21
1567	16	0	16	8	8	8	8	5	5	5	5	5	5	4	4	17	22
1568	16	0	16	8	8	8	8	5	5	5	5	5	5	4	4	17	22
1569	12	0	12	7	5	7	5	5	5	5	5	5	5	5	5	14	22
1570	14	0	14	8	6	8	6	5	5	5	5	5	5	5	5	15	22
1571	16	0	16	14	2	14	1	9	1	9	1	9	1	9	1	16	21
1572	9	0	9	6	3	6	3	6	3	6	3	6	3	6	3	11	22
1573	15	0	15	10	5	10	5	5	5	5	5	5	5	5	5	15	22
1574	17	0	17	9	8	9	8	5	5	5	5	5	5	5	5	17	21
1575	8	0	8	0	8	0	8	0	8	0	8	0	8	0	8	11	22
1576	11	0	11	8	3	8	3	7	3	7	3	7	3	7	3	18	22
MEAN	14.4	0.0	14.5	8.0	6.3	8.0	6.1	5.1	4.7	5.1	4.7	5.1	4.7	4.9	4.5	15.9	21.7
S.D.	2.6	0.2	2.6	2.7	1.9	2.7	2.0	1.5	1.2	1.5	1.2	1.5	1.2	1.5	1.2	2.0	0.4
N	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pup only.

APPENDIX R P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP II 2000 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
2551	11	0	11	4	7	4	7	4	6	4	6	4	6	4	6	13	22
2552	12	1	13	4	8	4	8	4	6	4	6	4	6	4	6	16	22
2553	14	0	14	7	7	7	7	5	5	5	5	5	5	5	5	15	21
2554	16	0	16	8	8	8	8	5	5	5	5	5	5	5	5	16	21
2555	15	0	15	3	12	3	12	3	7	3	7	3	7	3	7	15	22
2556	15	0	15	11	4	11	4	6	4	6	4	6	4	6	4	17	22
2557	16	0	16	7	9	7	9	5	5	5	5	5	5	4	4	17	22
2558	13	0	13	6	7	6	7	5	5	5	5	5	5	4	4	17	22
2559x NP																	
2560	7	0	7	4	3	4	3	4	3	4	3	4	3	4	3	16	22
2561	11	0	11	7	4	7	4	6	4	6	4	6	4	5	3	12	22
2562	15	0	15	6	9	6	9	5	5	5	5	5	5	5	5	16	21
2563	15	0	15	9	6	9	6	5	5	5	5	5	5	5	5	16	21
2564	14	0	14	4	9	4	9	4	6	4	6	4	6	4	6	16	22
2565	14	0	14	7	7	7	7	5	5	5	5	5	5	4	4	14	22
2566	15	0	15	9	6	9	6	5	5	5	5	5	5	5	5	17	21
2567	14	0	14	7	5	7	5	5	5	5	5	5	5	5	5	14	22
2568x NP																	
2569	14	0	14	7	7	7	7	5	5	5	5	5	5	5	5	16	22
2570	13	0	13	9	4	9	4	6	4	6	4	6	4	6	4	14	21
2571	15	0	15	6	9	6	9	5	5	5	5	5	5	5	5	17	22
2572	14	0	14	7	7	7	7	5	5	5	5	5	5	5	5	14	22
2573	14	0	14	11	3	11	3	7	3	7	3	7	3	7	3	15	22
2574	17	0	17	8	9	8	9	5	5	5	5	5	5	4	4	17	21
2575	8	0	8	2	6	2	6	2	6	2	6	2	6	2	6	14	22
2576	16	0	16	8	8	8	8	5	5	5	5	5	5	5	5	16	22
MEAN	13.7	0.0	13.7	6.7	6.8	6.7	6.8	4.8	5.0	4.8	5.0	4.8	5.0	4.6	4.8	15.4	21.7
S.D.	2.4	0.2	2.4	2.3	2.2	2.3	2.2	1.0	0.9	1.0	0.9	1.0	0.9	1.0	1.0	1.4	0.5
N	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX R P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP III 10000 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
3551	15	0	15	7	8	7	8	5	5	5	5	5	5	4	4	17	22
3552	14	0	14	10	4	10	4	6	4	6	4	6	4	6	4	14	22
3553	17	0	17	6	11	6	11	5	5	5	4	5	4	5	4	17	21
3554	16	1	17	6	10	6	10	5	5	5	5	5	5	4	4	17	22
3555	12	0	12	7	5	7	5	5	5	5	5	5	5	5	5	14	22
3556	16	0	16	9	7	9	7	5	5	5	5	5	5	5	5	18	22
3557x NP																	
3558	15	0	15	3	11	3	11	3	7	3	7	3	7	3	7	16	22
3559	7	1	8	3	3	3	3	3	3	3	3	3	3	3	3	8	22
3560	11	0	11	5	6	5	6	5	5	5	5	5	5	4	4	16	22
3561	13	0	13	10	3	9	3	7	3	7	3	7	3	7	3	16	22
3562	17	0	17	9	8	9	8	5	5	5	5	5	5	5	5	17	22
3563	14	0	14	7	6	7	6	5	5	5	5	5	5	4	4	14	22
3564	16	0	16	11	5	11	5	5	5	5	5	5	5	5	5	17	21
3565	17	1	18	3	9	3	8	3	7	3	7	3	7	3	7	18	22
3566	14	0	14	8	6	8	6	5	5	5	5	5	5	5	5	14	22
3567	17	0	17	8	9	8	9	5	5	5	5	5	5	5	5	18	21
3568	17	0	17	10	7	10	7	5	5	5	5	5	5	4	4	17	22
3569	13	0	13	7	5	7	5	5	5	5	5	5	5	5	5	13	21
3570	11	0	11	5	6	5	6	5	5	5	5	5	5	5	5	12	22
3571	10	1	11	5	5	5	5	5	5	5	5	5	5	5	5	12	22
3572	12	1	13	5	7	5	7	5	5	5	5	5	5	5	5	13	22
3573	14	0	14	9	5	9	5	4	5	4	5	4	5	4	5	13	22
3574	15	1	16	7	7	7	7	5	5	5	5	5	5	5	5	16	22
3575	12	1	13	6	6	6	6	5	5	5	5	5	5	5	5	14	22
3576	15	0	15	8	7	8	7	5	5	5	5	5	5	5	5	16	21
MEAN	14.0	0.3	14.3	7.0	6.6	6.9	6.6	4.8	5.0	4.8	4.9	4.8	4.9	4.6	4.7	15.1	21.8
S.D.	2.6	0.5	2.5	2.3	2.2	2.2	2.1	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	2.4	0.4
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

NP=NOT PREGNANT x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX R P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP IV 20000 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
4551	14	0	14	4	10	4	10	4	6	4	6	4	6	4	6	14	22
4552	13	0	13	5	7	5	7	5	5	5	5	5	5	4	4	15	22
4553	15	0	15	9	6	9	6	5	5	5	5	5	5	4	4	16	22
4554	13	0	13	8	5	8	5	5	5	5	5	5	5	5	5	16	22
4555	13	0	13	5	8	5	8	5	5	5	5	5	5	5	5	13	22
4556	16	1	17	10	6	10	5	5	4	5	4	5	4	5	4	17	22
4557	15	0	15	8	7	8	7	5	5	5	5	5	5	5	5	15	22
4558	11	1	12	4	7	4	7	4	6	4	6	4	6	4	6	14	22
4559	14	0	14	9	5	9	5	5	5	5	5	5	5	5	5	14	22
4560	16	1	17	11	5	11	5	5	5	5	5	5	5	5	5	18	22
4561	11	0	11	5	6	5	6	5	5	5	5	5	5	5	5	14	22
4562	17	0	17	11	6	11	6	5	5	5	5	5	5	5	5	17	22
4563	14	0	14	6	8	6	8	5	5	5	5	5	5	5	5	14	22
4564	12	0	12	5	7	5	7	5	5	5	5	5	5	4	4	12	22
4565	14	0	14	4	10	4	10	4	6	4	6	4	6	3	5	15	22
4566	16	0	16	7	9	7	9	5	5	5	5	5	5	5	5	16	22
4567	13	0	13	7	6	7	6	5	5	5	5	5	5	5	5	14	22
4568	15	0	15	11	4	11	4	6	4	6	4	6	4	6	4	16	22
4569	11	0	11	5	6	5	6	5	5	5	5	5	5	5	5	12	22
4570	3	0	3	2	1	2	1	2	1	2	1	2	1	2	1	13	22
4571	19	0	19	10	8	10	8	5	5	5	5	5	5	5	5	19	21
4572	14	0	14	6	8	6	8	5	5	5	5	5	5	5	5	14	22
4573	15	1	16	8	7	8	7	5	5	5	5	5	5	4	4	18	22
4574	18	0	18	10	8	10	7	4	5	4	5	4	5	4	5	18	22
4575	16	0	16	7	9	7	9	5	5	5	5	5	5	5	5	17	22
4576	10	1	11	5	5	5	5	5	5	5	5	5	5	5	5	13	22
MEAN	13.8	0.2	14.0	7.0	6.7	7.0	6.6	4.8	4.9	4.8	4.9	4.8	4.9	4.6	4.7	15.2	22.0
S.D.	3.1	0.4	3.1	2.6	2.0	2.6	2.0	0.7	0.9	0.7	0.9	0.7	0.9	0.8	0.9	2.0	0.2
N	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX R F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP I 0 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
1501	16	0	16	11	5	11	5	5	5	5	5	5	5	5	5	16	22
1502	17	0	17	11	6	10	6	5	5	5	5	5	5	5	5	17	22
1503	10	0	10	5	5	5	5	5	5	5	5	5	5	5	5	11	22
1504 PNMD	13	0	13	9	4	9	4	5	4	5	4	5	4	5	4	14	no day 0
1505	12	0	12	7	5	7	5	6	4	6	4	6	4	6	4	15	22
1506	15	0	15	6	9	6	9	5	5	5	5	5	5	5	5	17	22
1507xNNMD																	
1508	11	0	11	6	5	6	5	5	5	5	5	5	5	5	5	14	22
1509x NP																	
1510	14	0	14	11	3	11	3	7	3	7	3	7	3	7	3	15	22
1511	15	0	15	6	8	6	8	5	5	5	5	5	5	5	5	16	21
1512	13	0	13	6	7	6	7	5	5	5	5	5	5	5	5	14	21
1513	17	0	17	10	7	10	7	4	5	4	5	4	5	4	5	16	22
1514xNNMD																	
1515xNNMD																	
1516	12	0	12	7	5	7	5	5	5	5	5	5	5	5	5	13	22
1517	15	0	15	9	6	9	6	5	5	5	5	5	5	5	5	17	21
1518	16	0	16	8	8	8	8	5	5	5	5	5	5	5	5	18	21
1519	12	0	12	7	5	7	5	5	5	5	5	5	5	5	5	13	22
1520x NP																	
1521	14	0	14	6	8	5	8	5	5	5	5	5	5	5	5	15	21
1522	13	0	13	6	7	6	7	5	5	5	5	5	5	5	5	14	22
1523	4	0	4	1	3	1	3	1	3	1	3	1	3	1	3	5	22
1524	14	0	14	5	9	5	9	5	5	5	5	5	5	5	5	15	22
1525	13	0	13	3	10	3	9	3	7	3	7	3	7	3	7	14	22
1526	14	0	14	10	4	10	4	6	4	6	4	6	4	6	4	16	22
MEAN	13.3	0.0	13.3	7.1	6.1	7.0	6.1	4.9	4.8	4.9	4.8	4.9	4.8	4.9	4.8	14.5	21.8
S.D.	2.8	0.0	2.8	2.7	2.0	2.6	1.9	1.2	0.8	1.2	0.8	1.2	0.8	1.2	0.8	2.7	0.4
N	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20

NP=NOT PREGNANT PNMD=PREGNANT, NO MATING DATE NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX R F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP II 2000 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
	LIVE	DEAD	TOTAL	1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	N	N	N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
2501	9	0	9	5	4	5	4	5	4	5	4	5	4	5	4	9	22
2502	14	0	14	7	7	7	7	5	5	5	5	5	5	5	5	14	22
2503	12	0	12	2	10	2	10	2	8	2	8	2	8	2	8	12	22
2504	4	0	4	1	3	1	3	1	3	1	3	1	3	1	3	15	22
2505	10	0	10	6	4	6	4	6	4	6	4	6	4	6	4	10	21
2506	14	0	14	5	8	5	8	5	5	5	5	5	5	5	5	14	22
2507	14	0	14	7	7	7	7	5	5	5	5	5	5	5	4	14	22
2508	14	0	14	7	7	7	7	5	5	5	5	5	5	5	5	17	22
2509	15	1	16	10	5	10	5	5	5	5	5	5	5	5	5	17	22
2510	12	0	12	3	9	3	9	3	7	3	7	3	7	3	7	14	22
2511	13	0	13	5	8	5	8	5	5	5	5	5	5	5	5	14	22
2512	12	0	12	4	8	4	8	4	6	4	6	4	6	4	6	15	22
2513xNNMD																	
2514xNNMD																	
2515	12	0	12	4	8	4	8	4	6	4	6	4	6	4	6	14	22
2516xNNMD																	
2517	11	0	11	3	8	3	8	3	7	3	7	3	7	3	7	12	22
2518	8	0	8	5	3	5	3	5	3	5	3	5	3	5	3	8	22
2519	12	0	12	5	7	5	7	5	5	5	5	5	5	5	5	14	21
2520	9	0	9	4	5	4	5	4	5	4	5	4	5	4	5	15	22
2521	5	0	5	2	3	2	3	2	3	2	3	2	3	2	3	13	22
2522	11	0	11	8	3	8	3	7	3	7	3	7	3	7	3	14	22
2523	11	1	12	3	8	3	8	3	7	3	7	3	7	3	7	15	22
2524xNNMD																	
2525	14	0	14	10	4	10	4	6	4	6	4	6	4	6	4	15	22
2526x NP																	
MEAN	11.2	0.1	11.3	5.0	6.1	5.0	6.1	4.3	5.0	4.3	5.0	4.3	5.0	4.3	5.0	13.6	21.9
S.D.	2.9	0.3	3.0	2.5	2.3	2.5	2.3	1.5	1.4	1.5	1.4	1.5	1.4	1.5	1.5	2.3	0.3
N	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX R F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP III 10000 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
3501	18	0	18	11	7	11	7	5	5	5	5	5	5	5	5	19	22
3502xNNMD																	
3503	12	0	12	7	5	7	5	5	5	5	5	5	5	5	5	19	22
3504xNNMD																	
3505	16	0	16	6	8	4	8	4	5	4	5	4	5	4	5	17	22
3506xNNMD																	
3507	15	0	15	7	8	7	8	5	5	5	5	5	5	5	5	15	21
3508	7	0	7	5	1	5	1	5	1	5	1	5	1	5	1	14	22
3509	17	0	17	8	9	8	9	5	5	5	5	5	5	5	5	16	21
3510	6	0	6	2	4	2	4	2	4	2	4	2	4	2	4	17	22
3511	14	0	14	6	7	6	7	5	5	5	5	5	5	5	5	16	22
3512	15	0	15	6	9	6	9	5	5	5	5	5	5	5	5	18	22
3513	17	0	17	7	10	7	10	5	5	5	5	5	5	5	5	18	20
3514	11	0	11	4	7	4	7	4	6	4	6	4	6	4	6	16	22
3515	13	0	13	4	9	3	8	3	7	3	7	3	7	3	7	16	22
3516	16	0	16	8	8	8	8	5	5	5	5	5	5	5	5	15	21
3517	10	0	10	6	4	6	4	6	4	6	4	6	4	6	4	10	22
3518	12	1	13	6	5	6	5	5	5	5	5	5	5	5	5	13	22
3519	13	0	13	10	3	10	3	7	3	7	3	7	3	7	3	14	22
3520	10	0	10	7	3	7	3	7	3	7	3	7	3	7	3	12	22
3521	13	0	13	10	3	10	3	7	3	7	3	7	3	7	3	16	22
3522	15	0	15	5	9	5	9	5	5	5	5	5	5	5	5	16	22
3523	17	0	17	9	8	7	8	5	5	4	5	3	5	3	5	16	21
3524	17	0	17	11	6	11	6	5	5	5	5	5	5	5	5	17	22
3525	14	0	14	6	8	6	8	5	5	5	5	5	5	5	5	15	22
3526	14	0	14	6	8	6	8	4	5	4	5	4	5	4	5	14	22
MEAN	13.6	0.0	13.6	6.8	6.5	6.6	6.4	5.0	4.6	4.9	4.6	4.9	4.6	4.9	4.6	15.6	21.7
S.D.	3.2	0.2	3.2	2.3	2.5	2.3	2.4	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.1	0.5
N	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23

NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX R F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL DELIVERY AND LITTER DATA

GROUP IV 20000 MG/M3

	LITTER DELIVERED			NUMBER OF LIVE PUPS DAYS												TOTAL IMPLAN-	DURATION OF GESTATION
				1		4		7		14		21		28		TATIONS	(DAYS)
FEMALE#	LIVE N	DEAD N	TOTAL N	M	F	M	F	M	F	M	F	M	F	M	F	N	N
4501	13	0	13	6	7	6	7	5	5	5	5	5	5	5	5	14	21
4502	15	0	15	9	6	9	6	5	5	5	5	5	5	5	5	16	22
4503	18	0	18	9	8	8	8	5	5	5	5	5	5	5	5	18	22
4504	18	0	18	10	8	10	8	5	5	5	5	5	5	5	5	18	21
4505	12	0	12	2	10	2	10	2	8	2	8	2	8	2	8	14	22
4506	10	0	10	5	5	5	5	5	5	5	5	5	5	5	5	12	22
4507	12	0	12	4	8	4	8	4	6	4	6	4	6	4	6	13	22
4508	15	1	16	8	7	8	6	5	5	5	5	5	5	5	5	16	22
4509	13	0	13	6	7	6	7	5	5	5	5	5	5	5	5	16	21
4510	15	0	15	6	9	6	9	5	5	5	5	5	5	5	5	16	22
4511	16	0	16	8	8	8	8	5	5	5	5	5	5	5	5	16	21
4512	13	0	13	8	5	8	5	5	5	5	5	5	5	5	5	16	22
4513xNNMD																	
4514xNNMD																	
4515	14	0	14	11	3	11	3	7	3	7	3	7	3	7	3	15	22
4516	13	0	13	5	8	4	7	4	6	4	6	4	6	4	6	15	22
4517	13	0	13	2	10	2	10	2	8	2	8	2	8	2	8	13	21
4518	6	0	6	3	3	3	3	3	3	3	3	3	3	3	3	10	22
4519	11	0	11	5	4	5	4	5	4	5	4	5	4	5	4	13	22
4520	4	0	4	1	3	1	3	1	3	1	3	1	3	1	3	16	22
4521	15	0	15	11	4	10	4	6	4	6	4	6	4	6	4	15	22
4522	12	0	12	6	6	6	6	5	5	5	5	5	5	5	5		23
4523	16	0	16	8	8	8	8	5	5	5	5	5	5	5	5	16	22
4524	13	2	15	8	5	8	5	5	5	5	5	5	5	5	5	13	22
4525 PNMD	11	0	11	3	8	3	8	3	7	3	7	3	6	3	6	12	no day 0
4526	11	0	11	6	5	6	5	5	5	5	5	5	5	5	5	11	22
MEAN	12.9	0.1	13.0	6.3	6.5	6.1	6.4	4.5	5.1	4.5	5.1	4.5	5.0	4.5	5.0	14.5	21.8
S.D.	3.2	0.4	3.3	2.8	2.1	2.8	2.1	1.4	1.3	1.4	1.3	1.4	1.2	1.4	1.2	2.1	0.5
N	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	23

PNMD=PREGNANT, NO MATING DATE NNMD=NOT PREG., NO MATING DATE x=EXCLUDED FROM MEAN

DAY 4 COLUMNS = Preculling

Dead = Stillborn and cannibalized pups only.

APPENDIX S F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1551	MC 4	MP28	MP28	MC 4	MC 4	MC 4	MC 4	MK28	MC 4	MK28	MK28	MC 4	FK28	FK28	FP28	FK28	FP28						
1552	MC 4	MK28	MC 4	MK28	MK28	MC 4	MP28	MP28	MC 4	FP28	FK28	MK28	FC 4	FK28	FP28								
1553	MC 4	MK28	MK28	MC 4	MC 4	MK28	MP28	MC 4	MC 4	MC 4	MP28	FK28	FK28	FK28	FK28	FP28	FC 4						
1554	MC 4	MC 4	MC 4	MK28	MP28	MK28	MK28	MK28	FC 4	FP28	FK28	FK28	FK28	FK28	FC 4								
1555	MK28	MK28	MK27	MC 4	MP28	MK28	FP28	FK27	FC 4	FK28	FK28	FK28	FC 4	FC 4									
1556	MC 4	MK28	MK28	MK28	MK28	MC 4	MP28	FC 4	FC 4	FK28	FK28	FK28	FP28	FK28									
1557	FD 0	MC 4	MP28	MK28	MC 4	MC 4	MC 4	MK28	MK28	MK28	FK28	FK28	FK28	FC 4	FC 4	FP28	FC 4	FC 4	FK28				
1558	MC 4	MK28	MK28	MC 4	MK28	MC 4	MK28	MP28	FK28	FK28	FK28	FK28	FC 4	FP28									
1560	MD 0	MS	MK28	MP28	MK28	MC 4	MK28	MC 4	MK28	FK28	FK28	FM 1	FP28	FC 4	FK28	FK28	FM 4						
1561	MK28	MK28	MK28	MK28	MC 4	MP28	FK28	FK28	FK28	FP28	FK28	FC 4											
1563	MK28	MK28	MK28	MP28	MK28	FK28	FC 4	FC 4	FK28	FC 4	FK28	FK28	FP28	FC 4	FD 1								
1564	MD 4	MK28	MK27	MK28	MC 4	MC 4	MC 4	MP28	MK28	FK27	FK28	FK28	FP28	FP28									
1566	MC 4	MK28	MK28	MK27	MC 4	MC 4	MP28	MK28	FK28	FC 4	FC 4	FK27	FK28	FP28	FK28	FD 4							
1567	MP28	MK28	MK27	MK28	MC 4	MP28	MC 4	MC 4	FC 4	FK28	FK27	FP28	FK28	FC 4	FK28	FC 4							
1568	MC 4	MC 4	MP28	MK28	MC 4	MK27	MK28	MK28	FC 4	FK28	FK28	FC 4	FC 4	FK28	FK27	FP28							
1569	MC 4	MK28	MK28	MK28	MC 4	MK28	MP28	FP28	FK28	FK28	FK28	FK28											
1570	MK28	MC 4	MK28	MK28	MK28	MC 4	MC 4	MP28	FK28	FC 4	FK28	FK28	FK28	FP28									
1571	MK28	MC 4	MP28	MK28	MK28	MK28	MK28	MC 4	MC 4	MK28	MK28	MK28	MC 4	MC 4	FP28	FD 2							
1572	MK28	MK28	MK28	MK28	MK28	MP28	FK28	FK28	FP28														
1573	MC 4	MP28	MK28	MK28	MC 4	MC 4	MK28	MK28	MC 4	MC 4	FK28	FK28	FK28	FP28	FK28								
1574	MC 4	MC 4	MK28	MK28	MC 4	MP28	MK28	MC 4	MK28	FC 4	FP28	FK28	FK28	FK28	FK28	FC 4	FC 4						
1575	FK28	FK28	FK28	FK28	FK28	FK28	FP28	FK28															
1576	MK28	MK28	MK28	MK28	MC 4	MK28	MP28	MK28	FK28	FK28	FP28												

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED M-MISSING K-SCHEDULED SACRIFICE P-SELECTED PARENT

APPENDIX S F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2551	MK28	MK28	MK28	MP28	FK28	FK28	FC 4	FK28	FP28	FK28	FK28												
2552	MS	MK28	MK28	MP28	MK28	FK28	FK28	FP28	FC 4	FK28	FK28	FK28	FC 4										
2553	MK28	MK28	MP28	MK28	MK28	MC 4	MC 4	FC 4	FP28	FK28	FC 4	FK28	FK28	FK28									
2554	MK28	MK28	MC 4	MC 4	MP28	MK28	MK28	MC 4	FC 4	FC 4	FK28	FK28	FP28	FK28	FK28	FC 4							
2555	MP28	MK28	MK28	FC 4	FK28	FK28	FK28	FC 4	FC 4	FC 4	FC 4	FP28	FK28	FK28	FK28								
2556	MC 4	MC 4	MK28	MK28	MP28	MC 4	MK28	MK28	MC 4	MK28	MC 4	FK28	FK28	FK28	FP28								
2557	MC 4	MP28	MK27	MC 4	MK28	MK28	MK28	FC 4	FK27	FC 4	FK28	FK28	FK28	FC 4	FC 4	FP28							
2558	MP28	MK28	MK28	MK28	MC 4	MK27	FC 4	FP28	FK28	FK28	FC 4	FK28	FK27										
2560	MK28	MK28	MP28	MK28	FK28	FK28	FP28																
2561	MK28	MK28	MC 4	MK28	MP28	MK28	MK27	FK27	FP28	FK28	FK28												
2562	MK28	MK28	MC 4	MP28	MK28	MK28	FC 4	FK28	FC 4	FC 4	FC 4	FK28	FK28	FK28	FP28								
2563	MK28	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MP28	MK28	FK28	FK28	FP28	FK28	FC 4	FK28								
2564	MD 1	MP28	MK28	MP28	MK28	FC 4	FK28	FK28	FK28	FK28	FC 4	FC 4	FK28	FP28									
2565	MP28	MK27	MK28	MK28	MC 4	MC 4	MK28	FK28	FK28	FC 4	FC 4	FK28	FK27	FP28									
2566	MC 4	MK28	MK28	MK28	MP28	MC 4	MC 4	MK28	MC 4	FK28	FP28	FK28	FC 4	FK28	FK28								
2567	FD 0	FZ 0	MC 4	MC 4	MK28	MP28	MK28	MK28	MK28	FK28	FK28	FP28	FK28	FK28									
2569	MC 4	MK28	MP28	MK28	MK28	MC 4	MK28	FC 4	FC 4	FP28	FK28	FK28	FK28	FP28									
2570	MP28	MC 4	MC 4	MK28	MK28	MK28	MK28	MC 4	MK28	FP28	FK28	FK28	FK28										
2571	MC 4	MK28	MK28	MK28	MP28	MK28	FK28	FC 4	FK28	FP28	FK28	FK28	FC 4	FC 4	FC 4								
2572	MC 4	MK28	MK28	MC 4	MP28	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FP28	FK28									
2573	MC 4	MC 4	MC 4	MP28	MK28	MK28	MC 4	MK28	MK28	MK28	MP28	FK28	FK28	FP28									
2574	MK28	MC 4	MK28	MK28	MC 4	MK27	MP28	MC 4	FC 4	FC 4	FK27	FC 4	FK28	FP28	FC 4	FK28	FK28						
2575	MP28	MK28	FK28	FP28	FK28	FP28	FK28	FK28															
2576	MK28	MK28	MK28	MP28	MK28	MC 4	MC 4	MC 4	FK28	FK28	FC 4	FC 4	FC 4	FP28	FK28	FK28							

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE P-SELECTED PARENT

APPENDIX S F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
3551	MK28	MK28	MK27	MC 4	MC 4	MK28	MP28	FK28	FC 4	FC 4	FK28	FK27	FK28	FP28	FC 4								
3552	MK28	MK28	MC 4	MK28	MC 4	MC 4	MC 4	MK28	MP28	MK28	FP28	FK28	FK28	FK28									
3553	MP28	MK28	MK28	MK28	MC 4	MK28	FK28	FD13	FC 4	FK28	FC 4	FC 4	FK28	FC 4	FC 4	FC 4	FP28						
3554	FS	MK28	MK28	MK28	MK27	MP28	MC 4	FP28	FK28	FC 4	FC 4	FK27	FC 4	FC 4	FK28	FK28	FC 4						
3555	MK28	MK28	MK28	MP28	MK28	MC 4	MC 4	FK28	FK28	FK28	FP28	FK28											
3556	MP28	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MK28	MK28	FK28	FK28	FC 4	FC 4	FK28	FK28	FP28							
3558	MP28	MK28	MK28	FK28	FC 4	FC 4	FD 0	FK28	FK28	FK28	FP28	FK28	FK28	FC 4	FC 4								
3559	UZ 0	MP28	MK28	MK28	FK28	FP28	FK28	MD 1															
3560	MP28	MK28	MK28	MK27	MK28	FK28	FK28	FK28	FC 4	FK27	FP28												
3561	MK28	MD 2	MK28	MK28	MK28	MK28	MC 4	MP28	MK28	MC 4	FK28	FP28	FK28										
3562	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MK28	MK28	MP28	FC 4	FC 4	FC 4	FK28	FK28	FP28	FK28	FK28						
3563	MK28	MP28	MC 4	MK28	MK28	MC 4	MK27	FK27	FK28	FC 4	FM 1	FK28	FK28	FP28									
3564	MC 4	MC 4	MC 4	MK28	MK28	MK28	MC 4	MK28	MC 4	MC 4	MP28	FK28	FK28	FK28	FP28	FK28							
3565	MS	MM 1	MK28	MK28	MD 1	MZ 1	MP28	FM 1	FK28	FK28	FK28	FP28	FK28	FK28	FM 3	FK28	FC 4	FM 1					
3566	MP28	MC 4	MC 4	MK28	MC 4	MK28	MK28	MK28	FK28	FP28	FK28	FK28	FC 4	FK28									
3567	MK28	MP28	MC 4	MK28	MK28	MC 4	MC 4	MK28	FC 4	FK28	FC 4	FK28	FP28	FC 4	FC 4	FK28	FK28						
3568	MK27	MK28	MP28	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MC 4	FP28	FK27	FP28	FC 4	FC 4	FK28	FK28						
3569	MK28	MK28	MK28	MC 4	MC 4	MP28	MK28	FK28	FK28	FK28	FK28	FD 1	FP28										
3570	MP28	MK28	MK28	MK28	MK28	FK28	FC 4	FK28	FK28	FP28	FK28												
3571	MS	MK28	MK28	MK28	MK28	MP28	FP28	FK28	FK28	FK28	FK28												
3572	FS	MK28	MK28	MP28	MK28	MP28	FK28	FK28	FC 4	FK28	FC 4	FP28	FK28										
3573	MK28	MM 7	MP28	MK28	MC 4	MC 4	MK28	MC 4	MC 4	FK28	FK28	FP28	FK28	FK28									
3574	FD 0	FS	MK28	MC 4	MC 4	MK28	MK28	MP28	MK28	FP28	FK28	FC 4	FK28	FK28	FK28	FC 4							
3575	MS	MK28	MC 4	MK28	MK28	MP28	MK28	FK28	FP28	FK28	FK28	FK28	FC 4										
3576	MC 4	MC 4	MC 4	MK28	MP28	MK28	MK28	MK28	FK28	FK28	FP28	FC 4	FC 4	FK28	FK28								

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING K-SCHEDULED SACRIFICE P-SELECTED PARENT

APPENDIX S F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
4551	MK28	MK28	MK28	MP28	FC 4	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28	FP28	FC 4									
4552	UZ 0	MP28	MK28	MK27	MK28	MK28	FK28	FK27	FK28	FC 4	FC 4	FK28	FP28										
4553	MC 4	MC 4	MP28	MC 4	MK28	MC 4	MK27	MK28	MK28	FC 4	FK28	FK28	FK28	FK27	FP28								
4554	MK28	MK28	MK28	MP28	MK28	MC 4	MC 4	MC 4	FK28	FK28	FP28	FK28	FK28										
4555	MK28	MK28	MK28	MP28	MK28	FC 4	FK28	FK28	FC 4	FC 4	FK28	FK28	FP28										
4556	FS	MC 4	MC 4	MK28	MC 4	MC 4	MK28	MP28	MK28	MK28	MC 4	FK28	FD 4	FC 4	FP28	FK28	FK28						
4557	MK28	MC 4	MK28	MK28	MC 4	MP28	MC 4	MK28	FK28	FK28	FC 4	FC 4	FK28	FK28	FP28								
4558	FS	MK28	MK28	MP28	MK28	FK28	FK28	FK28	FP28	FK28	FC 4	FK28											
4559	MC 4	MC 4	MK28	MK28	MP28	MK28	MK28	MC 4	MC 4	FP28	FK28	FK28	FK28	FK28									
4560	MS	MK28	MK28	MK28	MC 4	MP28	MK28	MC 4	MC 4	MC 4	MC 4	MC 4	FK28	FK28	FK28	FP28	FK28						
4561	MK28	MK28	MK28	MP28	MK28	FK28	FK28	FK28	FK28	FC 4	FP28												
4562	MK28	MC 4	MP28	MC 4	MC 4	MC 4	MK28	MK28	MK28	MC 4	FK28	FP28	FC 4	FK28	FK28	FK28	MC 4						
4563	MK28	MP28	MK28	MK28	MK28	MC 4	FC 4	FK28	FC 4	FK28	FK28	FK28	FP28	FC 4									
4564	MP28	MK27	MK28	MK28	MK28	FK28	FK28	FK28	FC 4	FP28	FC 4	FK27											
4565	MP28	MK27	MK28	MK28	FC 4	FK28	FC 4	FK28	FC 4	FP28	FK28	FK28	FC 4	FK27									
4566	MK28	MP28	MK28	MK28	MC 4	MC 4	MK28	FK28	FC 4	FK28	FK28	FK28	FC 4	FP28	FC 4	FC 4							
4567	MC 4	MP28	MK28	MC 4	MK28	MK28	MK28	FK28	FK28	FC 4	FK28	FP28	FK28										
4568	MC 4	MK28	MK28	MK28	MK28	MC 4	MC 4	MK28	MC 4	MC 4	MP28	FP28	FK28	FK28	FK28								
4569	MK28	MK28	MK28	MK28	MP28	FK28	FK28	FK28	FP28	FK28	FC 4												
4570	MK28	MP28	FP28																				
4571	MC 4	MC 4	MK28	MK28	MP28	MK28	MM 1	MK28	MC 4	MC 4	MC 4	FC 4	FC 4	FP28	FK28	FK28	FK28	FK28	FC 4				
4572	MC 4	MK28	MK28	MP28	MK28	MK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FP28	FC 4									
4573	MS	MK27	MK28	MC 4	MC 4	MK28	MK28	MP28	MC 4	FC 4	FK28	FK27	FC 4	FP28	FK28	FK28							
4574	MC 4	MK28	MM 5	MC 4	MC 4	MC 4	MP28	MC 4	MK28	MK28	FK28	FK28	FK28	FK28	FD 4	FC 4	FP28	FC 4					
4575	MC 4	MP28	MC 4	MK28	MK28	MK28	MK28	FC 4	FC 4	FK28	FK28	FC 4	FC 4	FK28	FP28	FK28							
4576	MS	MK28	MK28	MP28	MK28	MK28	FK28	FK28	FK28	FP28	FK28												

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING K-SCHEDULED SACRIFICE P-SELECTED PARENT

APPENDIX S F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1501	MC 4	MK28	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MK28	MC 4	MK28	FK28	FK28	FK28	FK28	FK28							
1502	MC 4	MK28	MD 4	MK28	MK28	MC 4	MC 4	MC 4	MK28	MK28	MC 4	FK28	FK28	FC 4	FK28	FK28	FK28						
1503	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28													
1504	MK28	MC 4	MC 4	MK28	MK28	MK28	MK28	MM 7	MC 4	FK28	FK28	FK28	FK28										
1505	MK28	MK28	MC 4	MK28	MK28	MK28	FK28	MK28	FK28	FK28	FK28	FC 4											
1506	MK28	MK28	MK28	MK28	MK28	MC 4	FC 4	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28	FC 4								
1508	MK28	MC 4	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28												
1510	MC 4	MK28	MK28	MC 4	MC 4	MC 4	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28									
1511	MK28	MC 4	MK28	MK28	MM 1	MK28	MK28	FC 4	FK28	FC 4	FK28	FK28	FC 4	FK28	FK28								
1512	MK28	MK28	MK28	MK28	MC 4	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28										
1513	MK28	MK28	MK28	MC 4	MC 4	MC 4	MK28	MD 5	MC 4	MC 4	FK28	FC 4	FK28	FK28	FK28	FK28	FC 4						
1516	MK28	MK28	MC 4	MC 4	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28											
1517	MC 4	MK28	MK28	MK28	MC 4	MC 4	MC 4	MK28	MK28	FC 4	FK28	FK28	FK28	FK28	FK28								
1518	MK28	MK28	MK28	MK28	MC 4	MC 4	MK28	MC 4	FK28	FK28	FC 4	FK28	FC 4	FC 4	FK28	FK28							
1519	MC 4	MK28	MC 4	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28											
1521	MK28	MM 3	MK28	MK28	MK28	MK28	FC 4	FK28	FC 4	FK28	FK28	FK28	FC 4	FK28									
1522	MK28	MK28	MK28	MC 4	MK28	MK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28										
1523	MK28	FK28	FK28	FK28																			
1524	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FC 4	FC 4	FC 4	FC 4	FK28									
1525	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FC 4	FK28	FM 2	FK28	FC 4	FK28										
1526	MK28	MC 4	MC 4	MK28	MK28	MK28	MC 4	MK28	MK28	MC 4	FK28	FK28	FK28	FK28									

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE D-DIED C-CULLED M-MISSING K-SCHEDULED SACRIFICE

APPENDIX S F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2501	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28														
2502	MK28	MK28	MC 4	MK28	MK28	MK28	MC 4	FK28	FC 4	FK28	FK28	FK28	FC 4	FK28									
2503	MK28	MK28	FK28	FK28	FK28	FK28	FK28	FK28	FK28	FK28	FC 4	FC 4											
2504	MK28	FK28	FK28	FK28																			
2505	MK28	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28													
2506	MD 0	MK28	MK28	MK28	MK28	MK28	FC 4	FK28	FC 4	FK28	FK28	FK28	FC 4	FK28									
2507	MK28	MC 4	MK28	MK28	MK28	MK28	MC 4	FK28	FC 4	FC 4	FK28	FK28	FD24	FK28									
2508	MK28	MK28	MK28	MK28	MC 4	MC 4	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28									
2509	FS	MK28	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MK28	MK28	MC 4	FK28	FK28	FK28	FK28	FK28							
2510	MK28	MK28	MK28	FK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28											
2511	MK28	MK28	MK28	MK28	MK28	FC 4	FK28	FK28	FK28	FK28	FC 4	FC 4	FK28										
2512	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FC 4	FC 4	FK28	FK28											
2515	MK28	MK28	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28											
2517	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28	FK28	FC 4	FK28												
2518	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28															
2519	MK28	MK28	MK28	MK28	MK28	FC 4	FK28	FK28	FK28	FC 4	FK28	FK28											
2520	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28														
2521	MK28	MK28	FK28	FK28	FK28																		
2522	MC 4	MK28	MK28	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28												
2523	FS	MK28	MK28	MK28	FK28	FK28	FC 4	FK28	FK28	FK28	FK28	FK28											
2525	MK28	MK28	MC 4	MC 4	MC 4	MK28	MK28	MK28	MC 4	MK28	FK28	FK28	FK28	FK28									

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX S F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
3501	MK28	MC 4	MK28	MC 4	MC 4	MC 4	MC 4	MC 4	MK28	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28					
3503	MK28	MC 4	MC 4	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28											
3505	MD 1	MK28	MD 2	MM 2	MK28	MK28	MD 1	MK28	FK28	FC 4	FK28	FK28	FD 7	FK28	FC 4	FK28							
3507	MK28	MK28	MK28	MC 4	MC 4	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FC 4								
3508	MD 0	MK28	MK28	MK28	MK28	MK28	FK28																
3509	MC 4	MK28	MK28	MK28	MC 4	MK28	MC 4	MK28	FC 4	FC 4	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28						
3510	MK28	MK28	FK28	FK28	FK28	FK28																	
3511	MK28	MK28	MK28	MK28	MC 4	MK28	FC 4	FK28	FK28	FK28	FK28	FD 1	FC 4	FK28									
3512	MK28	MK28	MK28	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FC 4	MC 4	FC 4								
3513	MK28	MC 4	MK28	MK28	MK28	MC 4	MK28	FK28	FC 4	FC 4	FC 4	FC 4	FK28	FK28	FK28	FK28	FC 4						
3514	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FC 4	FK28	FK28												
3515	MK28	MK28	MD 2	MK28	FK28	FK28	FK28	FC 4	FK28	FK28	FK28	FK28	FM 2										
3516	MC 4	MC 4	MK28	MK28	MC 4	MK28	MK28	MK28	FC 4	FK28	FK28	FK28	FK28	FK28	FC 4	FC 4							
3517	MK28	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28													
3518	MS	FD 0	MK28	MK28	MK28	MC 4	MK28	MK28	FK28	FK28	FK28	FK28	FK28										
3519	MK28	MC 4	MC 4	MK28	MK28	MK28	MK28	MK28	MC 4	MK28	FK28	FK28	FK28										
3520	MK28	MK28	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28													
3521	MK28	MK28	MC 4	MK28	MK28	MC 4	MK28	MK28	MK28	MC 4	FK28	FK28	FK28										
3522	FD 0	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28	FC 4	FC 4	FC 4	FC 4								
3523	MC 4	MZ 2	MK28	MC 4	MK28	MM 8	MK28	MZ21	MM 2	FC 4	FC 4	FK28	FK28	FK28	FK28	FC 4	FK28						
3524	MC 4	MC 4	MK28	MC 4	MC 4	MK28	MC 4	MK28	MC 4	MK28	MK28	FK28	FK28	FK28	FC 4	FK28	FK28						
3525	MK28	MK28	MC 4	MK28	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FC 4	FK28									
3526	MK28	MK28	MC 4	MK28	MD 7	MK28	FK28	FK28	FC 4	FK28	FK28	FC 4	FC 4	FK28									

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING K-SCHEDULED SACRIFICE

APPENDIX S F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP SEX AND STATUS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	PUP # 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
4501	MK28	MK28	MK28	MK28	MC 4	MK28	FK28	FK28	FC 4	FK28	FK28	FC 4	FK28										
4502	MC 4	MC 4	MK28	MK28	MK28	MK28	MC 4	MK28	MC 4	FK28	FK28	FK28	FK28	FC 4	FK28								
4503	MK28	MM 2	MC 4	MC 4	MK28	MK28	MK28	MC 4	MK28	FK28	FK28	FK28	FK28	FK28	FC 4	FC 4	FC 4	FM 1					
4504	MC 4	MK28	MK28	MK28	MK28	MC 4	MC 4	MK28	MC 4	MC 4	FK28	FC 4	FC 4	FC 4	FK28	FK28	FK28	FK28					
4505	MK28	MK28	FK28	FK28	FK28	FC 4	FK28	FC 4	FK28	FK28	FK28	FK28											
4506	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28													
4507	MK28	MK28	MK28	MK28	FK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28											
4508	MS	MK28	MC 4	MC 4	MK28	MK28	MK28	MK28	MC 4	FK28	FM 4	FK28	FC 4	FK28	FK28	FK28							
4509	MK28	MK28	MK28	MC 4	MK28	MK28	FC 4	FC 4	FK28	FK28	FK28	FK28	FK28										
4510	MC 4	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FC 4	FK28	FC 4	FC 4	FK28	FK28	FC 4								
4511	MK28	MK28	MC 4	MC 4	MK28	MK28	MK28	MC 4	FC 4	FK28	FK28	FC 4	FK28	FK28	FK28	FC 4							
4512	MK28	MK28	MK28	MC 4	MK28	MC 4	MC 4	MK28	FK28	FK28	FK28	FK28	FK28										
4515	MC 4	MC 4	MK28	MC 4	MK28	MK28	MK28	MK28	MK28	MK28	MC 4	FK28	FK28	FK28									
4516	MK28	MK28	MM 2	MK28	MK28	FM 2	FK28	FK28	FK28	FK28	FK28	FK28	FC 4										
4517	MK28	MD 1	MK28	FK28	FC 4	FK28	FK28	FK28	FK28	FK28	FK28	FK28	FC 4										
4518	MK28	MK28	MK28	FK28	FK28	FK28																	
4519	MK28	MK28	MK28	MK28	MK28	FM 1	FK28	FK28	FK28	FM 1	FK28												
4520	MK28	FK28	FK28	FK28																			
4521	MD 2	MC 4	MK28	MK28	MK28	MK28	MC 4	MC 4	MC 4	MK28	MK28	FK28	FK28	FK28	FK28								
4522	MK28	MC 4	MK28	MK28	MK28	MK28	FC 4	FK28	FK28	FK28	FK28	FK28											
4523	MC 4	MK28	MK28	MK28	MC 4	MK28	MC 4	MK28	FK28	FK28	FC 4	FK28	FC 4	FC 4	FK28	FK28							
4524	MS	FS	MC 4	MC 4	MC 4	MK28	MK28	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28								
4525	MK28	MK28	MK28	FK28	FK28	FC 4	FK28	FK28	FK28	FD21	FK28												
4526	MK28	MK28	MC 4	MK28	MK28	MK28	FK28	FK28	FK28	FK28	FK28												

SEX CODE PRECEDES PUP STATUS CODE. NUMERICAL VALUE INDICATES DAY OF LACTATION.
SEX CODES: M-MALE F-FEMALE U-UNCERTAIN
PUP STATUS CODES: A-ALIVE S-STILLBORN D-DIED C-CULLED M-MISSING K-SCHEDULED SACRIFICE

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1551 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P																								
PUP# 6	WITHIN NORMAL LIMITS		P				P																								
PUP# 7	WITHIN NORMAL LIMITS		P				P																								
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS		P				P																								
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS		P				P			P							P							P							P
1552 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P																								
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS		P				P																								
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS		P				P																								
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1553	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P																								
	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P																								
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P																								
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 17	WITHIN NORMAL LIMITS	P				P																								
1554	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P																								
	PUP# 3	WITHIN NORMAL LIMITS	P				P																								
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 15	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1555 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
1556 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1557 PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 17	WITHIN NORMAL LIMITS	P				P																								
PUP# 18	WITHIN NORMAL LIMITS	P				P																								
PUP# 19	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1558 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1560 PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P																												
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 17	WITHIN NORMAL LIMITS	P																												
1561 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
1563 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1563 PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P																												
1564 PUP# 1	WITHIN NORMAL LIMITS	P																												
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1566 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1566 PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P																												
1567 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
1568 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1568 PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1569 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1570 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1570 PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1571 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P																												
1572 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1573 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1574 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
PUP# 17	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1575 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1576 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2551 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2552 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
2553 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2553 PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2554 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
2555 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2555 PUP# 10	WITHIN NORMAL LIMITS		P				P																								
PUP# 11	WITHIN NORMAL LIMITS		P				P																								
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P							P							P
2556 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P																								
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS		P				P																								
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P																								
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P							P							P
2557 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P																								
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P							P							
PUP# 10	WITHIN NORMAL LIMITS		P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2557 PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2558 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P														P							
PUP# 13	RED EXUDATE (GENERAL)															P														
2560 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2561 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2562 PUP# 1	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P			P																								
PUP# 4	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS		P			P																								
PUP# 8	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P			P																								
PUP# 10	WITHIN NORMAL LIMITS		P			P																								
PUP# 11	WITHIN NORMAL LIMITS		P			P																								
PUP# 12	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS		P			P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P			P			P							P							P							P
2563 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2563 PUP# 6	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P						P								P							P
2564 PUP# 1	WITHIN NORMAL LIMITS	P																												
PUP# 2	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P						P								P							P
2565 PUP# 1	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P						P								P							
PUP# 3	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P						P								P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2565 PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
2566 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
2567 PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P																												
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P							P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2567 PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS								P							P								P						P
PUP# 10	SCABS					P																								
PUP# 4	SCABS					P																								
PUP# 9	SCABS					P																								
PUP# 10	ULCERATION	P																												
2569 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
2570 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2570 PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P								P						P
2571 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P																								
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS		P				P																								
PUP# 14	WITHIN NORMAL LIMITS		P				P																								
PUP# 15	WITHIN NORMAL LIMITS		P				P																								
2572 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P																								
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2572 PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2573 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2574 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2574 PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2575 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2576 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																									
PUP# 7	WITHIN NORMAL LIMITS	P				P																									
PUP# 8	WITHIN NORMAL LIMITS	P				P																									
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																									
PUP# 12	WITHIN NORMAL LIMITS	P				P																									
PUP# 13	WITHIN NORMAL LIMITS	P				P																									
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3551 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
3552 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3553 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P																					
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3554 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3554 PUP# 17	WITHIN NORMAL LIMITS	P				P																								
3555 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3556 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3558 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P																												
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
3559 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3560 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3560 PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3561 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P																												
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3562 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3563 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P																												
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	SOFT PROTRUSION-MID ABDOMEN																													P
3564 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3565 PUP# 2	WITHIN NORMAL LIMITS	P																												
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P																												
PUP# 6	WITHIN NORMAL LIMITS	P																												
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P																												
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P							P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P																												
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 17	WITHIN NORMAL LIMITS	P				P																								
PUP# 18	WITHIN NORMAL LIMITS	P																												
PUP# 10	SCABS					P																								
3566 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3567 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3568 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3568 PUP# 16	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS		P				P			P							P							P							P
3569 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P																								
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS		P																												
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P							P							P
3570 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS		P				P																								
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
3571 PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3571 PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3572 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3573 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3573 PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3574 PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
3575 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3576	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P																								
	PUP# 3	WITHIN NORMAL LIMITS	P				P																								
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 12	WITHIN NORMAL LIMITS	P				P																								
	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4551 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
4552 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4553 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4553 PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4554 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4555 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4555 PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4556 PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4557 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4557	PUP# 11	WITHIN NORMAL LIMITS	P				P																								
	PUP# 12	WITHIN NORMAL LIMITS	P				P																								
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4558	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P																								
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4559	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P																								
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P																								
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4560 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4561 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4562 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4562	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P																								
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 10	WITHIN NORMAL LIMITS	P				P																								
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 17	WITHIN NORMAL LIMITS	P				P																								
4563	PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 6	WITHIN NORMAL LIMITS	P				P																								
	PUP# 7	WITHIN NORMAL LIMITS	P				P																								
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 14	WITHIN NORMAL LIMITS	P				P																								
4564	PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4564	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P																								
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						
4565	PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P																								
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						
4566	PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P																								
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4566	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 15	WITHIN NORMAL LIMITS	P				P																								
	PUP# 16	WITHIN NORMAL LIMITS	P				P																								
4567	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P																								
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 10	WITHIN NORMAL LIMITS	P				P																								
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4568	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P																								
	PUP# 7	WITHIN NORMAL LIMITS	P				P																								
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P																								
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4568 PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4569 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
4570 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4571 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P																												
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4571	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 15	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 16	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 17	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 18	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 19	WITHIN NORMAL LIMITS	P				P																								
4572	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P																								
	PUP# 8	WITHIN NORMAL LIMITS	P				P																								
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 14	WITHIN NORMAL LIMITS	P				P																								
4573	PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						
	PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 4	WITHIN NORMAL LIMITS	P				P																								
	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P								P							P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P																								
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P								P							P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4573	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							
	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4574	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 3	WITHIN NORMAL LIMITS	P				P																								
	PUP# 4	WITHIN NORMAL LIMITS	P				P																								
	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P																								
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 8	WITHIN NORMAL LIMITS	P				P																								
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 15	WITHIN NORMAL LIMITS	P																												
	PUP# 16	WITHIN NORMAL LIMITS	P				P																								
	PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 18	WITHIN NORMAL LIMITS	P				P																								
	PUP# 15	HYPOTHERMIA					P																								
4575	PUP# 1	WITHIN NORMAL LIMITS	P				P																								
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 3	WITHIN NORMAL LIMITS	P				P																								
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4575 PUP# 8	WITHIN NORMAL LIMITS		P				P																								
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS		P				P																								
PUP# 13	WITHIN NORMAL LIMITS		P				P																								
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS		P				P			P							P							P							P
4576 PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1501 PUP# 1	WITHIN NORMAL LIMITS	P																												
PUP# 2	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 1	TIP OF TAIL MISSING					P																								
1502 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 3	WITHIN NORMAL LIMITS	P																												
PUP# 4	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P						P								P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P						P								P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1502 PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1503 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1504 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1505 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1505 PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
1506 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
1508 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1508 PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1510 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1511 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P																												
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1512 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS		P				P																								
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P																								
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P							P							P
1513 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P																								
PUP# 6	WITHIN NORMAL LIMITS		P				P																								
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS		P				P																								
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P																								
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS		P				P																								
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS		P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS		P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1516 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1517 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1518 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1518 PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P								P							P						P
1519 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P								P							P						P
1521 PUP# 1	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 2	WITHIN NORMAL LIMITS	P																												
PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1521 PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1522 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1523 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
1524 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1524 PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1525 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P																												
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
1526 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP I 0 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1526	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2501 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
2502 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
2503 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2503 PUP# 9	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
2504 PUP# 1	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
2505 PUP# 1	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P								P							P						P
2506 PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2506 PUP# 14	WITHIN NORMAL LIMITS	P				P			P								P							P						P
2507 PUP# 1	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P								P							P						
PUP# 14	WITHIN NORMAL LIMITS	P				P			P								P							P						P
2508 PUP# 1	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P								P							P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P								P							P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2509 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
2510 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	TAIL MISSING	P				P			P							P								P						P
2511 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2511 PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2512 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2515 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2515 PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2517 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2518 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2519 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2519 PUP# 10	WITHIN NORMAL LIMITS		P				P																								
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
2520 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P								P						P
2521 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
2522 PUP# 1	WITHIN NORMAL LIMITS		P				P																								
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP II 2000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2523 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
2525 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3501 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 18	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3503 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3505 PUP# 1	WITHIN NORMAL LIMITS	P																												
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P																												
PUP# 4	WITHIN NORMAL LIMITS	P																												
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P																												
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3507 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3508 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3509 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3510 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3511 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P																												
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3512 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3513 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P																								
3514 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3515 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P																												
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P																												
3516 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3517 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3518 PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																									
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3519 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																									
PUP# 3	WITHIN NORMAL LIMITS	P				P																									
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																									
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3519 PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3520 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3521 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3522 PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3522 PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
3523 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P																												
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P																					
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P														
PUP# 9	WITHIN NORMAL LIMITS	P																												
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
3524 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3524 PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3525 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
3526 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP III 10000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3526	PUP# 5	WITHIN NORMAL LIMITS	P				P																								
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 9	WITHIN NORMAL LIMITS	P				P																								
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
	PUP# 12	WITHIN NORMAL LIMITS	P				P																								
	PUP# 13	WITHIN NORMAL LIMITS	P				P																								
	PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4501 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4502 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P																								
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4503 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P																												
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
PUP# 17	WITHIN NORMAL LIMITS	P				P																								
PUP# 18	WITHIN NORMAL LIMITS	P																												
4504 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P																								
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
PUP# 14	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4504 PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 16	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 17	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 18	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4505 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4506 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4507 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4507 PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P																								
PUP# 7	WITHIN NORMAL LIMITS		P				P																								
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
4508 PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P																								
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P																								
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS		P																												
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS		P				P																								
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS		P				P			P							P								P						P
4509 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P																								
PUP# 8	WITHIN NORMAL LIMITS		P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4509 PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4510 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P																								
4511 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P																								
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4511 PUP# 12	WITHIN NORMAL LIMITS	P				P																								
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS	P				P																								
4512 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P																								
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4515 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P																								
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4515 PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P								P						P
4516 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS	P																												
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS	P																												
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								
4517 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS	P																												
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4518 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4519 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P																												
PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P																												
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4520 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4521 PUP# 1	WITHIN NORMAL LIMITS	P																												
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P																								
PUP# 9	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4521 PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 14	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 15	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4522 PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 2	WITHIN NORMAL LIMITS	P				P																								
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
4523 PUP# 1	WITHIN NORMAL LIMITS	P				P																								
PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 3	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 5	WITHIN NORMAL LIMITS	P				P																								
PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 7	WITHIN NORMAL LIMITS	P				P																								
PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 11	WITHIN NORMAL LIMITS	P				P																								
PUP# 12	WITHIN NORMAL LIMITS	P				P			P							P							P							P
PUP# 13	WITHIN NORMAL LIMITS	P				P																								

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4523 PUP# 14	WITHIN NORMAL LIMITS		P				P																								
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 16	WITHIN NORMAL LIMITS		P				P			P							P								P						P
4524 PUP# 3	WITHIN NORMAL LIMITS		P				P																								
PUP# 4	WITHIN NORMAL LIMITS		P				P																								
PUP# 5	WITHIN NORMAL LIMITS		P				P																								
PUP# 6	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 12	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 13	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 14	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 15	WITHIN NORMAL LIMITS		P				P			P							P								P						P
4525 PUP# 1	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 2	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 3	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 4	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 5	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 6	WITHIN NORMAL LIMITS		P				P																								
PUP# 7	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 8	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 9	WITHIN NORMAL LIMITS		P				P			P							P								P						P
PUP# 10	WITHIN NORMAL LIMITS		P				P			P							P								P						
PUP# 11	WITHIN NORMAL LIMITS		P				P			P							P								P						P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX T F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP CLINICAL OBSERVATIONS DURING LACTATION

GROUP IV 20000 MG/M3

FEMALE#	OBSERVATIONS	DAY OF LACTATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4526	PUP# 1	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 2	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 3	WITHIN NORMAL LIMITS	P				P																								
	PUP# 4	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 5	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 6	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 7	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 8	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 9	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 10	WITHIN NORMAL LIMITS	P				P			P							P							P							P
	PUP# 11	WITHIN NORMAL LIMITS	P				P			P							P							P							P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1551	7.6	7.8	7.7	7.8	7.9	7.7	7.8	7.5	7.6	8.2	8.1	7.8	7.5	6.9	7.1	7.8	7.3	7.4		
1552	6.2	6.4	6.1	6.6	5.9	6.0	6.8	6.6	6.2	6.3	5.3	6.3	6.0	5.7	6.0	6.1				
1553	5.9	5.7	6.4	5.6	5.9	6.0	5.9	5.5	6.4	6.2	5.4	6.3	6.1	6.1	5.6	6.1	5.3	5.5		
1554	6.9	7.1	7.5	7.0	7.2	7.5	7.5	6.3	6.5	6.2	7.1	6.6	6.7	6.8	6.9	6.5				
1555	7.0	7.6	7.0	7.1	7.4	7.1	6.8	6.8	7.6	6.5	7.0	6.5	7.0	6.6	7.2					
1556	7.9	8.6	8.0	8.1	8.1	8.2	8.4	7.7	7.2	7.8	7.4	8.1	7.6	7.6	7.6					
1557	6.0	D	5.9	6.8	6.4	5.5	6.3	5.6	6.6	6.1	6.1	5.8	6.1	6.2	5.5	5.7	5.3	5.9	5.9	5.6
1558	6.7	6.7	7.4	6.7	6.8	6.5	6.5	7.2	6.2	6.4	6.5	7.0	6.5	6.4	6.8					
1559	NOT PREGNANT																			
1560	7.1	D	S	6.9	7.1	7.2	7.3	7.3	7.8	7.2	6.8	7.2	M	6.8	6.9	6.9	7.0	7.0		
1561	7.0	7.5	7.3	7.0	5.9	7.4	7.3	7.1	7.1	6.4	7.4	6.7	7.1							
1562	NOT PREGNANT																			
1563	6.6	7.8	5.3	6.8	6.8	6.9	6.9	7.2	6.8	6.5	5.9	6.7	6.8	6.7	5.7	D				
1564	7.4	7.2	7.5	7.5	7.3	6.7	7.9	7.9	7.5	7.1	7.4	7.5	7.0	7.3	7.1					
1565	NOT PREGNANT																			
1566	6.1	6.5	6.2	5.7	6.7	6.3	5.9	6.5	6.6	6.1	6.0	6.1	5.7	5.5	5.4	5.9	5.9			
1567	6.9	7.1	7.5	7.3	7.2	6.9	7.3	7.3	6.7	6.5	6.7	6.5	6.4	6.8	6.8	6.5	7.3			
1568	6.6	6.8	7.0	6.9	6.4	6.9	6.8	6.8	7.0	6.7	6.3	6.3	6.3	6.4	6.9	6.4	6.4			
1569	7.4	8.0	7.2	7.9	7.4	7.4	7.8	7.2	7.2	7.3	6.6	6.9	7.7							
1570	6.5	6.9	6.7	6.4	6.7	7.2	7.0	6.5	6.8	6.6	6.2	6.7	5.8	6.6	5.2					
1571	6.2	6.0	6.3	6.2	6.8	6.4	6.4	6.0	5.9	6.1	5.6	6.3	6.3	6.4	6.4	6.1	6.6			
1572	8.2	8.5	8.8	8.4	8.2	8.8	8.3	7.9	7.8	7.5										
1573	6.7	7.0	7.1	7.0	6.0	6.6	6.9	7.0	6.9	7.0	7.0	6.4	6.3	6.6	6.5	6.8				
1574	6.0	5.7	5.8	5.8	5.3	6.4	5.6	6.3	6.8	6.4	6.0	6.4	5.9	6.4	6.0	6.0	5.9	6.0		
1575	6.6	6.8	6.5	7.0	6.0	7.6	7.4	7.2	4.0											
1576	8.1	8.8	8.9	7.9	8.0	8.2	8.0	8.1	8.6	6.7	7.5	7.9								

MEAN 6.9
S.D. 0.67
N 23

PUP STATUS CODES: S-STILLBORN D-DIED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2551	7.5	7.6	8.5	7.9	7.8	7.5	6.8	6.8	7.8	7.6	7.9	6.7								
2552	7.2	S	6.7	8.3	6.7	8.0	7.0	7.2	6.8	7.6	6.9	7.5	7.2	7.1						
2553	6.3	6.3	6.5	6.7	6.6	6.5	6.4	5.7	6.3	5.9	6.3	6.1	6.0	6.4	6.4					
2554	6.0	6.6	6.7	6.0	6.4	6.3	6.1	6.2	6.4	5.4	5.8	5.4	5.8	5.6	5.7	5.3	5.5			
2555	6.4	6.6	6.9	5.9	6.4	6.1	6.0	6.0	7.0	6.0	6.4	6.4	6.7	6.6	6.4	6.5				
2556	7.2	7.1	7.7	6.8	7.4	7.8	7.5	7.3	7.5	7.4	7.4	6.8	6.9	6.9	6.6	7.0				
2557	6.5	6.9	6.4	7.0	7.6	7.1	6.0	6.8	6.6	6.7	6.3	6.1	6.7	6.3	5.5	6.0	6.1			
2558	7.5	7.9	7.3	7.0	8.3	8.0	7.9	7.4	7.2	7.2	7.2	7.2	7.3	7.2						
2559	NOT PREGNANT																			
2560	7.5	7.3	8.0	7.7	7.4	7.3	7.4	7.6												
2561	7.6	8.1	8.0	7.8	7.6	7.7	7.3	7.5	7.2	7.2	7.2	7.5								
2562	6.2	6.6	6.5	6.3	6.2	6.3	6.2	5.6	5.9	6.4	6.3	6.3	6.4	6.3	5.9	6.0				
2563	6.0	5.9	6.4	6.2	6.5	6.3	6.3	6.5	5.9	6.3	6.1	5.6	4.6	5.6	5.8	5.9				
2564	7.0	D	7.2	7.4	7.6	7.4	7.1	7.0	6.7	7.2	6.5	6.9	6.4	6.5	7.0					
2565	7.1	7.7	6.9	7.1	7.4	7.4	7.6	7.0	7.2	6.7	6.3	7.3	6.7	6.8	6.9					
2566	5.9	5.9	5.4	6.2	6.6	5.8	6.3	5.9	6.6	6.1	5.2	5.6	5.7	5.7	5.9	5.6				
2567	8.0	D	Z	8.0	7.7	8.7	8.4	8.1	8.2	8.0	8.7	7.0	7.5	8.0	8.1					
2568	NOT PREGNANT																			
2569	6.5	6.2	6.6	6.8	7.1	6.8	6.4	6.5	5.3	6.7	6.1	6.6	6.8	6.6	6.5					
2570	7.0	6.7	7.1	7.4	7.6	7.3	7.7	7.5	6.1	6.8	6.5	6.5	6.9	7.2						
2571	7.3	8.0	7.7	7.3	7.9	7.1	7.6	6.7	7.4	7.3	6.9	7.2	7.5	6.9	7.1	6.9				
2572	7.7	7.8	7.6	7.5	7.8	8.6	8.1	8.2	7.7	7.2	7.6	7.7	7.6	7.0	7.4					
2573	7.1	7.5	7.4	7.1	6.8	7.5	6.9	7.0	7.2	7.7	7.3	7.1	6.1	6.8	6.4					
2574	6.2	6.6	6.0	6.7	6.2	6.0	6.1	5.9	6.7	6.2	6.1	6.1	6.0	6.0	5.8	6.3	6.3	5.7		
2575	7.5	7.9	7.6	7.7	7.2	7.7	7.5	7.3	7.2											
2576	7.7	7.1	7.9	7.4	7.7	7.8	8.8	8.4	7.5	7.6	7.1	7.5	7.8	7.6	7.3	7.6	7.9			

MEAN	7.0
S.D.	0.64
N	24

PUP STATUS CODES: S-STILLBORN D-DIED Z-CANNIBALIZED

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3551	7.1	7.0	7.7	7.1	7.0	7.1	7.6	7.2	6.8	6.9	7.5	7.0	6.5	7.5	6.4	6.5				
3552	7.0	7.7	7.3	7.5	7.1	7.1	7.5	6.8	6.7	7.4	6.7	6.6	6.7	6.6	6.7					
3553	5.6	5.8	6.3	6.7	5.2	6.2	5.7	5.7	5.1	5.5	5.2	5.4	5.3	4.9	5.2	5.7	5.2	5.3		
3554	6.6	S	6.5	6.7	6.2	7.4	6.5	6.9	6.5	5.8	6.2	6.9	6.8	6.5	6.9	6.9	6.5	6.2		
3555	7.2	7.4	7.3	7.7	6.7	7.4	7.2	7.5	7.4	7.2	7.5	6.8	6.2							
3556	6.9	7.5	6.5	7.3	7.0	7.2	7.6	7.5	6.7	7.3	6.8	6.7	6.1	6.8	6.4	6.7	6.9			
3557	NOT PREGNANT																			
3558	7.0	7.6	7.5	7.0	7.1	6.8	7.2	D	6.7	7.1	7.2	6.6	7.3	6.4	7.0	6.5				
3559	7.4	Z	7.7	8.5	6.2	7.6	6.9	7.6	D											
3560	8.4	9.2	8.6	9.0	8.2	8.5	7.8	7.6	8.1	8.5	7.9	8.6								
3561	7.2	6.7	7.5	7.5	7.2	7.3	7.3	7.8	7.4	7.3	7.4	6.2	7.0	6.6						
3562	6.7	6.7	7.1	7.2	6.7	6.6	6.8	6.8	6.3	7.0	6.1	6.8	7.0	6.5	6.6	6.6	6.8	6.9		
3563	7.4	8.1	8.2	7.5	7.8	7.9	8.1	7.6	6.5	7.3	7.3	M	5.7	7.0	7.1					
3564	6.4	6.0	6.8	6.5	6.5	6.0	6.6	6.6	6.4	6.7	6.8	6.0	6.0	6.6	6.0	6.8	6.6			
3565	6.1	S	M	6.9	6.9	D	5.0	6.3	M	6.3	6.8	5.9	6.8	6.0	5.3	4.9	6.1	6.2	M	
3566	7.1	7.0	7.3	7.2	7.5	7.1	7.9	7.5	6.8	6.7	7.4	6.3	6.5	6.8	7.1					
3567	6.9	6.7	7.0	7.2	6.7	7.9	7.6	7.1	7.0	6.5	6.6	6.7	7.1	6.9	7.0	6.7	6.6	6.7		
3568	6.8	7.0	6.8	6.8	6.7	6.8	7.3	7.0	6.9	7.0	7.0	7.2	7.1	6.5	6.6	6.8	5.8	6.5		
3569	6.2	6.8	6.4	6.6	6.5	6.4	6.6	6.2	5.7	5.6	6.2	5.5	D	6.0						
3570	7.9	7.9	7.7	8.9	7.9	8.4	8.1	7.7	7.6	7.4	7.5	7.6								
3571	7.9	S	8.4	8.3	8.0	7.9	7.4	7.9	7.6	8.1	7.4	7.7								
3572	7.8	S	7.5	8.4	8.0	7.4	7.9	7.8	8.0	8.1	7.6	7.4	8.0	7.8						
3573	6.7	7.2	7.7	6.2	6.7	7.0	7.1	6.1	7.0	7.1	6.6	6.4	6.6	6.1	6.4					
3574	8.3	D	S	8.3	8.3	8.2	9.0	8.5	8.7	8.6	8.7	8.4	7.3	8.1	8.4	8.1	7.1			
3575	7.9	S	8.0	8.0	8.5	8.2	8.0	7.7	7.6	8.2	6.9	7.6	7.9	7.7						
3576	6.1	5.7	6.5	6.9	6.7	6.5	6.3	6.3	6.0	6.3	5.7	5.8	5.5	5.7	5.5	6.5				

MEAN	7.1
S.D.	0.70
N	25

PUP STATUS CODES: S-STILLBORN D-DIED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4551	7.5	8.2	7.7	7.8	7.7	7.2	7.9	7.3	7.9	7.5	7.3	7.0	7.2	6.8	7.7					
4552	7.5	Z	7.2	8.1	7.6	7.6	8.0	7.4	7.6	7.5	7.1	7.5	6.3	7.8						
4553	7.0	8.0	6.9	7.4	7.2	7.6	6.7	6.5	7.7	6.8	6.9	6.1	6.6	6.9	6.9	7.3				
4554	7.6	7.5	7.6	8.3	8.0	7.5	7.6	7.7	7.7	7.3	7.0	7.3	7.5	7.9						
4555	7.6	8.1	8.3	8.1	7.6	8.1	7.2	7.6	7.8	6.9	7.1	7.2	7.7	7.3						
4556	7.3	S	7.3	8.1	6.9	7.1	7.1	7.7	7.8	7.4	7.7	7.4	7.4	6.7	6.7	7.2	7.0	7.5		
4557	7.0	7.3	7.0	6.3	6.8	7.0	7.2	7.0	8.1	7.1	6.3	6.7	6.9	6.6	6.8	7.5				
4558	6.4	S	6.2	7.4	6.2	6.7	5.3	6.5	6.1	6.0	7.0	6.8	6.6							
4559	7.3	6.7	7.6	7.4	7.5	7.1	7.5	7.3	7.4	7.7	6.9	6.7	7.6	6.9	7.7					
4560	7.0	S	7.6	7.0	7.5	7.1	7.3	7.1	6.8	7.1	7.1	7.1	6.9	7.1	6.5	6.4	6.9	5.9		
4561	7.3	7.4	7.5	7.7	7.2	7.3	7.1	7.2	7.0	7.3	7.2	7.1								
4562	6.6	6.3	7.2	6.9	7.3	6.3	7.0	7.0	7.3	7.0	6.3	6.1	6.2	6.2	6.4	6.2	6.7	6.5		
4563	7.5	7.9	7.4	8.1	7.5	8.3	7.7	7.5	6.9	7.3	7.3	7.2	7.1	7.6	7.5					
4564	7.4	7.3	7.2	7.8	7.2	7.9	7.3	7.4	7.3	7.8	7.1	7.6	7.1							
4565	7.4	8.1	8.2	7.7	7.7	7.4	7.1	7.4	7.3	7.5	6.4	7.4	6.9	7.3	7.4					
4566	5.5	5.8	5.8	6.2	5.7	5.7	5.9	4.9	5.8	4.6	5.8	5.6	4.8	5.0	5.2	5.3	5.7			
4567	7.3	7.8	7.9	8.0	7.8	7.5	7.6	7.2	6.7	7.4	7.1	6.7	7.1	6.6						
4568	7.1	7.5	7.1	7.5	7.4	7.8	7.1	7.0	7.0	7.2	7.4	7.3	6.4	6.7	6.9	6.4				
4569	7.7	7.7	8.1	8.1	8.3	7.7	7.2	7.5	7.7	7.4	7.8	7.6								
4570	8.4	8.6	8.5	8.1																
4571	6.2	6.1	6.2	5.5	6.0	6.2	6.5	M	6.4	6.7	6.3	6.1	10.0	6.2	6.5	5.4	5.4	5.6	6.1	5.1
4572	7.2	7.5	7.5	7.5	7.0	8.0	7.5	7.6	6.9	7.5	7.3	6.4	7.1	6.6	6.5					
4573	6.8	S	6.9	6.6	6.4	7.4	7.7	6.9	7.4	7.0	6.4	6.2	7.0	6.9	6.1	6.5	6.5			
4574	6.8	6.7	7.2	6.5	6.9	7.4	7.5	7.1	7.1	7.1	7.3	6.4	6.1	6.1	7.0	6.1	6.3	5.9	7.3	
4575	6.6	7.1	6.4	6.9	6.9	7.2	6.5	6.7	6.3	6.6	6.4	6.0	6.4	6.5	6.4	6.7	6.6			
4576	8.1	S	8.0	8.5	8.6	7.8	8.6	8.3	7.0	8.1	8.2	7.9								

MEAN 7.2
S.D. 0.60
N 26

PUP STATUS CODES: S-STILLBORN Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1551	9.8	10.1	9.3	10.5	10.2	10.4	9.5	9.0	9.6	11.1	10.6	9.6	9.9	9.2	9.1	9.6	9.3	9.9		
1552	8.4	8.7	8.3	8.7	8.3	8.1	9.4	8.8	8.5	8.8	6.7	8.5	8.8	7.7	7.9	9.1				
1553	8.3	8.4	9.4	7.7	8.8	8.6	8.4	7.6	8.7	8.7	7.7	9.2	8.5	8.7	7.6	8.4	7.5	8.0		
1554	9.4	9.8	9.9	8.8	9.1	10.0	10.6	8.8	8.6	8.1	9.9	8.7	9.8	9.8	9.6	8.8				
1555	9.8	10.3	9.9	9.5	9.9	9.7	9.7	9.4	10.2	9.1	10.1	9.1	10.6	9.6	9.5					
1556	11.2	11.7	11.6	10.9	11.4	11.3	12.0	11.3	10.1	11.7	11.1	11.6	10.6	10.9	10.4					
1557	8.6	D	8.7	10.4	9.1	7.9	9.3	8.8	9.3	9.3	9.0	8.4	8.7	8.9	7.9	7.7	6.9	8.7	8.5	8.0
1558	10.5	10.9	11.2	10.7	10.4	10.5	10.9	10.8	9.6	9.9	10.5	10.6	10.3	10.4	10.2					
1559	NOT PREGNANT																			
1560	10.1	D	S	10.0	10.4	10.7	10.7	10.4	10.3	9.9	9.5	10.0	M	9.5	10.3	9.9	9.9	M		
1561	10.1	10.5	10.8	10.0	7.9	10.4	10.6	10.4	10.7	9.6	10.8	9.7	9.8							
1562	NOT PREGNANT																			
1563	9.2	10.3	7.7	9.6	9.4	9.8	9.7	10.0	9.8	9.5	8.3	9.0	9.4	9.4	7.2	D				
1564	9.8	D	10.1	10.3	9.3	9.7	10.8	10.1	10.2	9.5	10.7	9.4	9.6	8.8	9.2					
1565	NOT PREGNANT																			
1566	8.6	9.5	9.6	8.0	9.3	9.6	8.7	9.3	9.0	9.3	7.5	8.1	7.4	8.4	8.0	7.8	D			
1567	9.5	9.9	11.0	10.6	10.4	8.6	9.8	7.8	9.8	9.5	9.5	8.6	9.6	9.3	8.8	8.8	9.8			
1568	9.1	9.3	8.8	8.6	9.1	9.8	8.4	9.4	9.2	9.4	8.8	8.8	8.7	9.1	9.8	8.8	8.8			
1569	10.0	10.9	9.7	11.0	10.2	9.9	8.3	10.0	10.2	10.1	9.5	9.8	10.3							
1570	9.6	10.0	10.5	10.3	10.2	10.9	10.4	9.0	7.8	9.3	9.3	9.4	8.9	10.6	7.3					
1571	8.7	8.8	8.8	8.8	9.9	9.0	8.9	7.9	8.3	8.9	8.1	9.1	9.1	8.7	8.6	7.7	D			
1572	11.3	10.8	12.6	12.1	11.4	12.0	11.2	10.7	10.9	9.9										
1573	10.0	10.6	10.6	10.2	9.4	10.9	9.5	10.1	10.0	10.0	9.8	10.0	9.2	9.7	9.6	10.0				
1574	8.3	8.2	7.3	8.1	7.6	9.0	7.5	8.4	9.0	8.7	8.6	8.6	8.0	9.0	7.8	8.3	8.2	8.1		
1575	10.3	10.9	9.9	10.4	10.0	12.1	12.0	11.5	5.7											
1576	12.0	13.1	13.4	11.8	11.9	11.8	12.4	11.9	12.4	10.2	11.3	11.6								

MEAN	9.7
S.D.	0.98
N	23

PUP STATUS CODES: S-STILLBORN D-DIED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2551	11.1	10.8	12.2	11.6	12.0	11.3	10.5	9.4	11.7	11.1	11.7	10.1								
2552	11.1	S	9.8	12.2	10.4	12.0	10.6	11.3	10.7	11.6	10.2	11.7	11.3	10.9						
2553	9.1	9.1	8.8	10.1	9.3	8.8	9.3	7.6	9.1	8.8	9.4	9.3	8.7	9.4	9.8					
2554	9.1	10.5	10.0	9.0	9.6	9.3	9.6	9.7	9.1	8.4	9.2	7.9	9.2	8.7	8.2	8.4	8.5			
2555	9.1	9.3	9.6	8.1	9.7	8.3	9.0	8.4	9.6	8.7	9.0	9.7	9.1	9.5	9.0	9.5				
2556	10.1	10.3	10.3	9.9	10.3	10.7	10.2	10.5	10.3	10.7	10.5	9.4	9.9	9.6	8.9	9.8				
2557	8.8	9.0	8.6	9.3	9.2	9.6	7.4	9.9	8.6	9.6	9.4	8.2	9.4	8.9	7.5	7.4	8.5			
2558	10.7	11.1	9.9	10.0	12.1	11.1	11.7	10.5	10.3	10.3	10.4	10.9	10.6	10.6						
2559	NOT PREGNANT																			
2560	12.5	12.6	13.3	12.5	12.3	11.7	12.5	12.3												
2561	11.6	12.2	11.7	12.4	11.7	11.8	10.8	12.1	10.8	10.9	11.0	11.7								
2562	9.0	10.0	8.6	9.4	9.0	8.5	8.8	8.6	8.7	9.7	9.1	9.4	9.1	9.1	8.4	8.5				
2563	8.4	9.2	9.2	8.4	9.2	8.8	8.8	8.8	8.8	8.9	8.4	7.3	6.2	7.8	8.0	8.3				
2564	9.9	D	9.8	10.4	10.6	10.3	9.7	9.9	9.7	10.6	9.4	9.7	8.9	9.1	10.3					
2565	9.4	9.7	9.2	10.0	9.4	9.8	9.9	9.2	9.3	9.3	8.3	9.7	9.2	9.5	9.4					
2566	8.5	8.8	7.9	9.0	9.1	8.2	9.4	9.2	9.6	8.9	7.7	7.8	7.9	8.0	8.3	8.0				
2567	11.5	D	Z	11.9	11.2	12.5	12.2	11.6	11.5	11.7	11.9	9.9	11.1	11.8	11.1					
2568	NOT PREGNANT																			
2569	8.5	7.7	7.3	8.8	9.6	8.8	8.6	8.7	7.0	9.2	8.0	8.4	9.0	8.9	8.9					
2570	10.1	9.6	10.3	10.5	10.6	10.3	10.6	10.8	8.7	10.0	9.9	9.4	10.0	10.3						
2571	10.0	10.6	10.7	9.4	11.1	10.7	10.3	9.3	10.6	10.2	8.8	9.9	10.1	9.3	9.9	9.7				
2572	10.1	10.5	10.1	9.8	10.4	10.7	10.9	10.2	10.1	9.8	9.5	10.2	10.1	8.8	9.6					
2573	9.3	9.8	9.7	9.1	9.0	9.9	8.5	9.0	9.3	10.5	9.6	9.4	7.9	9.2	9.2					
2574	7.8	8.5	7.6	8.3	7.8	7.9	7.6	7.8	8.5	8.1	7.9	7.6	7.3	7.3	6.9	8.5	8.1	7.4		
2575	12.4	12.9	12.4	12.6	11.6	11.8	11.8	14.0	11.7											
2576	10.1	10.0	9.8	10.0	9.9	10.0	11.3	10.7	9.7	10.4	9.5	9.9	10.6	10.4	9.2	9.5	10.1			

MEAN	9.9
S.D.	1.26
N	24

PUP STATUS CODES: S-STILLBORN D-DIED Z-CANNIBALIZED

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3551	9.2	9.7	9.6	9.2	9.5	9.0	9.7	9.4	9.1	9.1	9.7	8.8	8.6	9.9	8.2	8.6				
3552	10.6	11.4	11.5	10.9	9.9	10.7	11.2	10.2	10.2	11.0	9.9	10.3	10.4	10.3	10.2					
3553	8.2	8.4	9.7	10.0	8.1	9.2	8.7	8.4	8.4	8.1	8.1	7.9	7.7	6.3	7.4	8.0	8.0	7.8		
3554	10.1	S	11.0	10.2	9.8	11.0	9.4	11.6	10.2	8.5	10.2	9.9	10.3	10.7	10.5	10.2	9.6	9.1		
3555	9.5	9.9	9.8	9.7	9.4	9.9	9.7	9.7	9.9	8.8	10.4	9.0	7.7							
3556	9.8	10.2	10.1	10.0	9.8	10.7	9.5	10.1	9.5	10.1	9.3	8.9	8.7	9.8	10.0	9.8	9.9			
3557	NOT PREGNANT																			
3558	10.5	11.4	11.5	10.7	10.6	11.0	10.9	D	10.6	10.0	10.7	10.1	10.7	9.5	10.0	9.7				
3559	12.6	Z	12.6	14.5	10.3	12.9	11.8	13.3	D											
3560	12.1	12.9	12.7	12.9	12.0	12.3	11.6	11.1	11.7	12.4	11.7	12.3								
3561	10.9	11.0	D	11.2	11.1	11.2	10.5	12.0	11.5	11.2	10.9	9.3	10.3	10.3						
3562	8.7	9.5	9.5	8.8	9.1	8.0	8.5	8.2	8.0	7.8	8.1	8.3	8.9	8.5	8.2	9.2	9.3	9.3		
3563	9.6	10.1	10.3	9.9	9.2	10.7	10.8	10.0	9.3	9.9	8.8	M	7.9	9.2	9.0					
3564	8.7	8.1	8.6	8.3	9.0	8.3	8.9	8.2	9.0	9.5	8.5	8.6	7.9	8.6	8.4	9.9	9.2			
3565	10.0	S	M	10.5	10.6	D	Z	10.3	M	9.4	10.3	9.9	10.5	9.6	9.2	M	9.7	10.1	M	
3566	10.1	9.9	10.5	9.7	10.5	10.6	10.4	11.1	9.2	9.4	10.9	9.6	10.0	10.1	9.9					
3567	10.2	10.4	9.9	11.1	9.6	11.3	10.7	10.3	10.1	9.5	9.0	9.7	11.1	10.6	10.1	9.4	9.6	10.3		
3568	9.1	9.1	9.2	9.8	8.8	9.0	9.3	10.0	9.6	9.2	9.6	8.8	9.3	8.5	8.8	9.2	7.9	9.1		
3569	9.2	9.9	9.0	9.7	9.7	9.3	9.9	9.4	8.6	8.4	9.1	8.5	D	9.0						
3570	11.7	11.8	11.3	12.9	12.0	12.4	12.0	11.6	10.9	11.5	11.2	11.6								
3571	12.4	S	12.5	13.4	12.8	12.4	11.7	12.7	12.5	12.5	11.6	12.2								
3572	11.2	S	11.2	11.8	11.3	10.5	11.1	11.5	12.0	11.5	11.0	10.7	10.7	10.7						
3573	10.1	11.1	11.2	9.6	10.0	10.3	10.7	9.7	10.2	10.8	10.0	9.4	9.9	9.2	9.6					
3574	11.6	D	S	11.4	12.5	11.7	12.2	12.2	12.1	12.9	11.6	12.1	10.2	11.7	11.8	10.9	9.6			
3575	11.4	S	11.4	11.7	12.2	11.4	12.1	11.2	11.2	11.9	10.6	10.7	11.6	11.3						
3576	9.0	8.8	9.9	9.5	9.7	9.2	9.2	9.2	8.8	9.2	8.0	8.7	7.9	8.9	8.5	9.5				

MEAN	10.3
S.D.	1.22
N	25

PUP STATUS CODES: S-STILLBORN D-DIED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4551	10.1	10.3	9.9	10.6	10.4	10.8	10.3	9.9	10.7	10.5	9.7	9.4	9.6	9.6	10.1					
4552	11.4	Z	11.4	12.2	11.8	11.6	12.3	11.2	11.9	11.5	11.1	11.4	9.2	11.7						
4553	10.6	11.9	9.9	11.1	11.2	10.7	10.6	10.2	11.3	10.7	10.4	9.2	10.0	10.3	10.5	11.2				
4554	10.4	10.6	10.2	11.1	10.8	10.1	9.9	11.3	9.8	10.0	10.1	10.1	10.4	10.5						
4555	11.1	11.7	12.6	11.8	11.5	11.6	10.8	11.2	11.0	10.0	9.9	10.6	11.2	10.6						
4556	9.5	S	9.3	10.3	9.7	8.9	9.9	10.0	10.7	10.6	9.4	9.4	9.7	6.8	8.5	10.1	8.8	9.3		
4557	9.7	9.9	10.2	9.1	8.7	8.8	10.7	9.8	11.4	9.9	9.5	9.6	9.5	9.0	8.8	10.1				
4558	10.1	S	10.1	11.4	9.6	10.6	8.8	10.3	9.6	9.2	10.8	10.4	10.2							
4559	10.0	9.2	9.8	10.0	10.1	10.4	10.0	10.0	10.5	9.9	9.6	9.7	10.7	9.9	10.8					
4560	10.3	S	10.9	10.4	11.8	10.8	11.1	9.8	10.6	9.8	10.5	10.5	9.8	10.4	8.9	9.7	10.7	8.5		
4561	9.7	9.9	10.3	10.1	9.2	9.7	9.8	9.5	9.5	9.7	9.9	9.3								
4562	8.8	8.8	9.0	9.3	9.5	8.8	9.4	9.8	9.9	8.6	8.2	8.2	8.4	8.2	8.7	8.5	8.3	8.5		
4563	10.4	10.9	10.4	10.9	9.8	11.3	10.7	10.1	10.1	10.1	10.3	10.2	10.2	10.2	10.2					
4564	10.9	10.5	10.7	11.2	10.7	11.8	11.0	10.7	11.2	11.2	10.5	10.3	10.7							
4565	10.7	11.3	11.8	10.7	11.2	10.4	10.6	10.3	10.8	11.3	9.8	10.5	10.3	10.5	10.7					
4566	7.8	8.5	8.1	8.4	8.7	8.7	8.2	6.6	8.2	6.4	8.3	8.2	6.8	7.0	7.4	7.7	7.9			
4567	10.9	11.4	11.3	11.7	12.1	11.5	11.3	11.1	10.0	11.1	10.0	10.1	10.2	10.0						
4568	9.9	10.5	10.0	10.2	9.5	9.9	10.1	9.3	9.8	10.4	10.5	9.9	8.6	9.6	10.4	9.6				
4569	11.3	11.5	11.4	11.6	11.7	11.6	10.6	10.9	10.8	11.0	11.5	11.4								
4570	12.5	12.6	12.8	12.1																
4571	8.3	8.6	8.1	7.2	8.4	8.4	9.7	M	9.6	8.7	9.4	8.6	7.6	8.5	8.7	7.2	7.2	7.6	8.5	6.8
4572	9.9	10.1	9.9	10.3	10.2	10.1	10.7	9.8	9.2	9.9	10.0	9.6	9.4	9.4	9.5					
4573	10.0	S	9.9	10.0	9.7	10.6	11.3	9.7	10.9	11.1	9.1	8.3	10.7	9.6	9.1	9.9	10.4			
4574	8.1	8.3	8.5	7.2	8.0	9.3	9.0	8.2	8.7	9.3	8.9	7.8	8.1	7.3	7.3	5.8	7.2	7.0	9.2	
4575	9.3	9.6	9.1	9.9	10.2	9.9	9.2	10.4	9.5	9.0	8.8	8.3	9.0	9.3	8.8	9.0	9.2			
4576	12.1	S	12.1	12.8	12.8	11.9	12.4	12.3	11.5	11.7	11.5	11.7								

MEAN	10.1
S.D.	1.13
N	26

PUP STATUS CODES: S-STILLBORN Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1551	13.6	C	13.2	14.6	C	C	C	C	13.8	C	15.4	12.7	C	12.3	13.2	13.3	13.6	13.5		
1552	11.7	C	11.9	C	11.8	10.9	C	11.8	11.0	C	10.5	12.7	13.0	C	10.5	13.0				
1553	12.0	C	13.3	11.3	C	C	11.9	11.4	C	C	C	13.4	11.5	13.0	11.6	12.2	10.3	C		
1554	13.8	C	C	C	13.6	14.7	15.1	12.7	12.5	C	14.5	12.7	14.1	13.9	13.7	C				
1555	13.9	14.4	13.3	13.9	C	13.9	13.8	13.8	14.7	C	14.1	12.8	14.4	C	C					
1556	15.5	C	16.3	15.2	13.7	15.8	C	16.3	C	C	15.5	16.4	15.2	15.1	15.6					
1557	11.4	D	C	12.0	12.2	C	C	C	10.7	11.9	11.7	11.9	12.3	12.3	C	C	8.3	C	C	11.1
1558	14.4	C	15.1	14.5	C	14.5	C	14.9	14.1	13.9	13.8	14.7	14.5	C	14.1					
1559	NOT PREGNANT																			
1560	14.7	D	S	14.3	14.3	16.8	C	15.4	C	14.3	14.2	14.7	M	14.0	C	14.7	14.5	M		
1561	13.4	14.5	14.1	13.5	11.0	C	14.0	13.6	14.2	12.2	14.2	12.9	C							
1562	NOT PREGNANT																			
1563	14.0	15.3	11.3	14.6	13.7	14.4	14.1	C	C	14.1	C	13.8	14.2	14.5	C	D				
1564	12.4	D	13.2	13.7	11.7	C	C	C	12.3	11.7	13.3	11.7	12.3	12.2	11.9					
1565	NOT PREGNANT																			
1566	13.9	C	15.4	13.0	15.1	C	C	14.7	14.3	15.0	C	C	12.1	13.8	12.6	13.3	D			
1567	13.2	14.6	12.5	16.0	11.7	C	10.6	C	C	C	14.8	13.2	14.6	14.6	C	9.8	C			
1568	13.9	C	C	13.3	13.7	C	13.9	14.6	14.0	C	13.4	14.0	C	C	14.6	13.9	13.3			
1569	13.1	C	13.0	15.2	13.9	C	9.6	13.3	13.4	13.3	13.2	12.3	13.5							
1570	13.4	14.3	C	15.1	14.7	14.5	C	C	11.4	12.9	C	14.0	12.6	14.7	9.3					
1571	13.0	12.6	C	13.9	14.0	13.2	13.6	12.6	C	C	12.5	13.6	13.3	C	C	11.0	D			
1572	13.3	13.5	15.2	13.9	12.9	13.7	13.9	12.8	12.2	11.8										
1573	13.7	C	15.1	13.6	13.2	C	C	15.0	13.9	C	C	13.4	13.1	13.2	13.7	13.2				
1574	12.2	C	C	11.9	11.3	C	11.4	12.3	C	13.3	C	12.9	12.1	13.0	11.5	12.5	C	C		
1575	13.3	13.9	13.0	13.5	12.7	15.1	15.4	14.9	7.7											
1576	16.3	17.1	17.7	16.2	16.1	C	16.7	16.3	16.7	14.4	15.6	15.7								

MEAN 13.5
S.D. 1.13
N 23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2551	15.2	13.8	16.6	15.9	15.8	15.2	14.4	C	15.9	14.8	15.9	13.8								
2552	15.3	S	13.9	16.7	14.8	17.0	14.8	15.1	14.7	C	14.4	15.4	15.8	C						
2553	12.5	12.5	11.9	13.4	12.2	11.0	C	C	C	12.1	13.3	C	12.1	12.9	13.2					
2554	13.8	15.9	15.3	C	C	14.1	14.4	14.2	C	C	C	11.8	13.8	12.8	12.8	12.9	C			
2555	12.7	13.3	13.2	11.7	C	12.5	12.1	12.5	C	C	C	C	12.8	13.2	12.9	13.0				
2556	15.4	C	C	14.3	16.5	16.2	C	15.7	15.9	C	16.2	C	14.3	15.2	14.7	14.6				
2557	12.2	C	12.0	12.5	C	13.6	10.4	12.8	C	12.1	C	12.0	12.4	12.2	C	C	11.8			
2558	15.4	15.4	15.7	14.5	16.6	C	16.5	C	15.5	14.5	15.1	C	15.1	15.3						
2559	NOT PREGNANT																			
2560	16.4	16.5	17.3	16.1	16.5	15.6	16.1	16.4												
2561	15.5	16.7	15.8	C	15.1	15.9	15.1	15.9	15.0	15.2	15.0	15.7								
2562	12.6	13.7	11.8	C	12.5	12.5	12.5	C	12.4	C	C	C	13.1	13.4	11.8	12.1				
2563	11.2	12.5	C	C	C	C	11.7	11.7	11.8	12.0	11.4	10.0	8.6	10.2	C	12.2				
2564	14.0	D	14.2	14.0	14.9	14.5	C	14.2	13.6	14.4	13.2	C	C	13.0	14.3					
2565	13.8	14.3	13.2	14.3	13.7	C	C	13.2	13.6	14.2	C	C	13.6	13.5	14.0					
2566	12.4	C	12.0	13.6	13.4	12.3	C	C	13.6	C	10.9	11.9	11.8	C	12.4	11.9				
2567	15.8	D	Z	C	C	16.9	16.5	16.1	15.9	16.0	16.3	14.1	14.9	16.0	15.7					
2568	NOT PREGNANT																			
2569	12.1	C	10.7	12.9	13.5	12.8	C	11.4	C	C	11.7	12.1	12.2	11.3	12.1					
2570	13.7	13.3	C	C	14.0	13.9	14.5	14.7	C	13.2	13.3	13.1	13.2	13.5						
2571	14.4	C	13.8	14.2	16.1	14.8	14.4	13.2	C	15.1	13.0	14.5	14.6	C	C	C				
2572	14.6	C	15.0	14.0	C	15.5	16.1	14.3	14.5	C	C	14.7	14.5	13.0	13.9					
2573	13.0	C	C	C	12.9	13.4	12.0	C	13.4	14.4	13.5	13.5	11.3	12.9	12.8					
2574	12.2	13.2	C	13.0	12.7	C	11.1	12.3	C	C	C	12.2	C	11.8	10.8	C	12.9	11.6		
2575	15.0	15.5	15.6	15.0	14.2	14.8	14.5	16.5	14.0											
2576	13.0	12.8	13.2	13.7	13.0	13.6	C	C	C	13.5	12.4	C	C	C	12.8	12.3	12.9			

MEAN	13.8
S.D.	1.44
N	24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3551	13.3	13.5	14.0	13.6	C	C	14.3	12.7	13.0	C	C	12.3	12.3	14.7	12.2	C				
3552	15.2	16.7	16.3	C	14.7	C	C	C	15.1	15.3	14.9	14.5	14.9	14.4	14.9					
3553	12.9	13.1	15.0	14.9	12.6	C	13.3	13.1	13.3	C	12.1	C	C	10.0	C	C	C	11.9		
3554	14.9	S	15.6	14.3	15.0	16.8	14.8	C	15.1	13.0	C	C	15.4	C	C	14.6	14.5	C		
3555	13.5	15.2	13.6	14.1	13.3	14.6	C	C	14.4	11.7	14.5	12.9	10.7							
3556	14.1	15.0	C	C	C	C	13.8	15.1	13.4	14.8	14.2	13.3	C	C	13.2	14.5	14.1			
3557	NOT PREGNANT																			
3558	15.5	16.8	15.3	15.7	15.6	C	C	D	16.8	14.2	15.5	15.0	16.1	13.6	C	C				
3559	16.0	Z	16.0	18.3	13.3	16.4	15.3	16.9	D											
3560	16.5	17.4	16.4	17.0	16.3	17.1	15.4	15.7	16.2	C	16.7	16.5								
3561	14.1	14.2	D	14.3	14.0	14.2	13.5	C	15.1	15.2	C	12.4	13.7	13.9						
3562	12.5	C	C	C	C	11.8	11.9	12.8	11.8	11.4	C	C	C	11.9	12.7	13.6	13.1	13.7		
3563	13.0	14.0	14.3	C	12.6	15.2	C	13.7	12.1	13.4	C	M	11.0	12.0	12.1					
3564	11.9	C	C	C	9.7	12.5	13.2	C	13.4	C	C	10.2	9.4	12.7	10.4	13.7	13.8			
3565	13.7	S	M	15.0	14.5	D	Z	14.0	M	13.3	13.9	12.8	14.6	13.1	12.2	M	13.2	C	M	
3566	14.8	14.9	C	C	15.8	C	16.2	15.4	13.4	13.9	15.3	13.7	14.9	C	14.7					
3567	14.5	14.9	14.5	C	14.1	15.7	C	C	14.9	C	13.5	C	14.8	14.9	C	C	13.5	14.6		
3568	12.7	13.7	12.9	13.4	C	C	C	C	13.5	12.8	C	12.7	12.6	12.0	C	C	11.5	12.3		
3569	12.8	13.8	12.9	13.1	C	C	13.3	13.4	12.0	11.7	12.7	12.9	D	12.6						
3570	16.0	16.1	15.1	17.6	16.4	16.7	16.0	C	15.2	15.7	15.8	15.8								
3571	17.0	S	17.4	18.2	17.6	16.8	16.1	17.5	17.2	16.8	15.8	16.6								
3572	15.4	S	15.9	16.1	15.3	14.4	15.4	15.7	15.7	C	15.2	C	15.1	14.9						
3573	14.2	16.0	M	13.7	14.1	C	C	14.0	C	C	14.6	13.1	14.4	14.0	14.0					
3574	16.9	D	S	16.6	C	C	17.5	17.3	16.7	18.4	16.9	16.8	C	16.0	17.1	16.0	C			
3575	15.9	S	15.8	C	16.9	15.6	16.6	16.0	15.5	16.4	14.8	15.3	16.0	C						
3576	12.7	C	C	C	13.9	12.9	12.9	13.1	12.4	12.8	11.2	11.9	C	C	12.0	13.4				

MEAN	14.4
S.D.	1.49
N	25

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4551	13.7	15.3	13.9	14.7	13.7	C	C	C	14.6	13.5	13.3	12.8	12.4	13.1	C					
4552	14.9	Z	15.2	15.7	14.8	15.7	16.0	14.7	15.1	14.6	C	C	12.3	15.2						
4553	15.8	C	C	15.6	C	16.6	C	15.3	17.3	15.3	C	15.0	15.0	15.7	15.9	16.7				
4554	13.3	13.3	13.0	14.1	14.0	13.1	C	C	C	12.8	13.2	13.5	12.8	13.4						
4555	15.2	16.1	16.5	15.5	15.6	15.7	C	14.7	13.8	C	C	14.5	14.5	14.6						
4556	12.7	S	C	C	12.1	C	C	12.3	14.2	13.5	12.3	C	13.5	D	C	12.9	11.8	11.8		
4557	12.4	12.5	C	11.9	11.4	C	13.2	C	14.1	13.5	11.6	C	C	11.6	11.8	12.6				
4558	13.6	S	13.5	15.1	12.9	14.4	11.9	13.8	12.8	12.3	14.9	C	14.0							
4559	14.2	C	C	14.3	14.5	14.6	14.2	14.1	C	C	13.7	14.3	15.1	13.6	14.0					
4560	14.7	S	15.4	14.9	16.3	C	15.9	14.4	C	C	C	C	C	14.9	13.7	14.0	15.6	11.7		
4561	13.1	13.6	13.8	13.7	12.9	12.9	13.2	12.6	13.2	13.1	C	12.2								
4562	12.1	12.1	C	12.6	C	C	C	13.2	13.2	12.0	C	11.6	12.0	C	11.9	11.3	11.4	C		
4563	14.6	15.0	14.7	15.2	13.3	15.4	C	C	13.9	C	14.2	14.8	14.8	14.6	C					
4564	14.5	14.4	14.7	15.0	14.2	15.4	14.7	13.9	14.1	C	14.5	C	13.9							
4565	15.0	15.9	16.3	15.0	16.0	C	15.5	C	14.5	C	13.4	15.1	13.7	C	15.0					
4566	10.1	10.9	10.1	11.1	11.7	C	C	7.2	10.5	C	10.6	10.6	8.9	C	9.5	C	C			
4567	14.9	C	16.1	16.3	C	16.0	16.0	15.5	13.6	14.2	C	13.0	13.5	14.3						
4568	13.9	C	14.6	14.6	13.8	14.9	C	C	13.7	C	C	13.4	12.5	13.9	14.6	13.2				
4569	13.9	14.0	14.1	14.8	14.4	14.5	13.5	13.5	13.1	13.9	13.6	C								
4570	15.7	16.2	15.9	15.1																
4571	13.2	C	C	12.0	13.0	12.9	15.5	M	14.7	C	C	C	C	C	13.7	11.4	11.8	13.0	13.8	C
4572	13.8	C	13.5	14.5	14.0	14.2	15.2	C	C	13.8	13.9	12.8	13.1	13.1	C					
4573	13.5	S	13.0	13.0	C	C	15.4	13.4	14.5	C	C	11.5	14.7	C	12.4	13.2	13.9			
4574	10.8	C	10.9	M	C	C	C	11.2	C	12.2	12.7	10.6	10.6	9.2	9.7	D	C	10.1	C	
4575	14.0	C	14.0	C	14.9	14.5	14.6	15.6	C	C	13.4	12.6	C	C	13.4	12.9	14.2			
4576	16.1	S	16.2	17.0	17.1	15.6	15.7	16.6	15.5	15.7	15.4	15.9								

MEAN 13.8
S.D. 1.42
N 26

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1551	22.6	C	21.4	24.2	C	C	C	C	21.9	C	24.3	21.8	C	21.7	22.9	21.5	23.5	23.0		
1552	20.8	C	22.1	C	20.9	20.3	C	21.4	18.9	C	17.0	24.6	22.3	C	18.2	22.3				
1553	23.9	C	25.5	23.3	C	C	24.5	23.5	C	C	C	25.1	23.1	26.0	22.7	22.0	22.8	C		
1554	23.8	C	C	C	24.1	25.4	25.3	21.4	20.6	C	25.3	22.9	25.5	23.3	24.5	C				
1555	25.0	25.6	25.0	25.6	C	24.8	25.0	24.9	26.8	C	25.6	23.3	23.3	C	C					
1556	25.4	C	26.3	24.8	23.0	26.1	C	28.0	C	C	25.6	26.4	24.4	24.5	25.0					
1557	22.5	D	C	23.4	23.8	C	C	C	20.8	22.8	21.7	21.9	25.0	25.2	C	C	18.5	C	C	21.9
1558	27.1	C	26.7	27.0	C	27.1	C	29.3	26.5	25.8	26.4	26.9	28.1	C	26.8					
1559	NOT PREGNANT																			
1560	26.2	D	S	24.7	25.2	28.1	C	27.1	C	27.2	25.8	25.5	M	25.8	C	26.4	26.3	M		
1561	22.4	25.5	24.8	23.9	20.2	C	25.8	20.3	20.5	22.8	20.6	19.9	C							
1562	NOT PREGNANT																			
1563	24.6	25.9	19.9	27.4	23.3	26.1	24.1	C	C	24.7	C	24.5	26.0	23.8	C	D				
1564	22.0	D	23.8	22.6	21.3	C	C	C	22.4	19.6	23.0	20.9	21.3	22.0	23.4					
1565	NOT PREGNANT																			
1566	26.6	C	28.8	25.7	29.9	C	C	26.3	27.4	27.9	C	C	24.0	25.9	23.3	26.4	D			
1567	24.0	26.9	24.0	27.5	19.5	C	19.9	C	C	C	26.6	24.8	26.6	25.5	C	18.6	C			
1568	25.2	C	C	24.6	24.2	C	25.9	26.9	25.1	C	24.8	24.5	C	C	25.8	24.9	25.4			
1569	21.4	C	22.3	25.4	22.0	C	15.9	21.6	21.1	19.6	22.2	20.9	22.5							
1570	22.5	23.8	C	25.9	22.6	25.7	C	C	19.3	21.8	C	22.8	22.1	24.5	16.3					
1571	24.8	23.6	C	27.0	24.5	25.2	26.0	24.6	C	C	23.6	26.2	24.5	C	C	22.4	D			
1572	22.2	21.2	24.1	24.7	21.4	21.7	23.0	22.2	20.2	21.5										
1573	22.6	C	23.2	22.2	22.5	C	C	24.6	22.9	C	C	21.6	21.5	21.1	22.6	23.5				
1574	22.0	C	C	22.7	19.4	C	15.7	23.2	C	24.1	C	22.4	23.2	23.3	22.1	23.5	C	C		
1575	22.8	23.5	23.1	22.1	22.0	25.4	25.5	25.5	15.3											
1576	26.0	26.6	28.3	25.8	25.4	C	26.8	26.3	26.7	24.0	25.8	24.4								

MEAN 23.7
S.D. 1.78
N 23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2551	24.6	20.9	26.0	25.7	25.8	24.0	23.7	C	26.5	25.4	26.2	21.4								
2552	25.8	S	23.9	27.0	25.1	27.2	25.2	27.7	25.2	C	25.3	25.1	25.8	C						
2553	21.4	21.0	20.5	23.8	21.9	18.7	C	C	C	20.6	22.0	C	20.3	21.3	23.4					
2554	15.2	16.9	16.9	C	C	15.0	16.9	15.5	C	C	C	12.7	14.7	14.6	14.2	14.8	C			
2555	20.5	21.6	20.9	19.5	C	21.1	19.9	19.7	C	C	C	C	20.6	21.0	20.7	20.3				
2556	26.3	C	C	25.3	27.3	28.0	C	26.8	26.1	C	27.7	C	24.7	27.1	24.9	24.7				
2557	22.7	C	22.2	23.5	C	24.6	19.5	23.7	C	22.8	C	22.4	23.1	23.2	C	C	22.0			
2558	26.3	26.6	26.9	24.4	28.9	C	26.9	C	25.0	26.1	25.4	C	25.7	26.7						
2559	NOT PREGNANT																			
2560	25.1	25.1	25.9	25.3	24.8	24.5	24.7	25.1												
2561	23.8	25.3	25.0	C	22.8	23.1	24.0	24.8	22.3	23.3	23.5	23.6								
2562	23.8	25.3	23.1	C	23.2	23.6	24.4	C	23.1	C	C	C	23.7	24.7	22.9	23.6				
2563	21.4	22.7	C	C	C	C	22.5	22.0	22.6	21.0	21.8	19.1	17.0	20.2	C	24.9				
2564	24.2	D	24.5	25.1	24.6	24.1	C	23.9	23.2	22.4	24.7	C	C	25.0	24.8					
2565	24.7	26.7	23.7	24.9	24.1	C	C	23.9	24.6	26.2	C	C	24.8	23.6	24.3					
2566	23.9	C	23.8	25.5	25.4	23.5	C	C	24.8	C	21.4	22.9	23.2	C	24.4	23.7				
2567	27.0	D	Z	C	C	28.1	29.1	27.6	27.4	27.8	26.6	24.9	25.2	26.6	26.7					
2568	NOT PREGNANT																			
2569	22.8	C	21.5	24.2	23.6	23.2	C	22.0	C	C	22.5	21.8	23.6	20.9	24.9					
2570	22.3	22.1	C	C	21.4	22.2	22.1	23.1	C	20.9	23.5	22.8	22.5	22.2						
2571	25.9	C	25.4	26.8	28.2	26.9	25.1	23.9	C	26.9	23.0	26.4	26.0	C	C	C				
2572	26.2	C	27.6	25.5	C	26.9	28.8	25.5	26.5	C	C	25.9	25.5	24.0	26.1					
2573	22.2	C	C	C	22.1	24.0	21.0	C	23.3	26.3	24.6	24.8	17.4	18.4	20.2					
2574	22.5	23.7	C	25.2	22.7	C	21.3	22.6	C	C	C	21.3	C	21.6	20.6	C	23.4	22.1		
2575	24.4	24.6	25.7	23.6	24.0	24.5	24.0	25.5	22.9											
2576	23.6	23.0	24.1	24.2	22.4	25.2	C	C	C	24.3	23.2	C	C	C	23.6	21.5	24.0			

MEAN	23.6
S.D.	2.50
N	24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3551	24.6	24.7	26.1	25.3	C	C	25.9	23.6	24.1	C	C	23.6	23.5	26.4	22.5	C				
3552	25.3	26.8	26.3	C	25.1	C	C	C	25.5	25.3	24.9	24.7	24.2	24.2	25.6					
3553	25.5	26.4	28.4	27.6	23.1	C	26.0	26.6	D	C	24.4	C	C	21.4	C	C	C	25.7		
3554	26.7	S	26.8	26.5	27.6	28.5	26.4	C	26.8	24.5	C	C	27.9	C	C	25.8	25.9	C		
3555	24.6	26.1	25.4	25.6	24.1	25.5	C	C	27.6	22.2	26.1	23.3	20.2							
3556	25.4	28.0	C	C	C	C	25.7	26.6	24.3	25.3	24.7	23.6	C	C	23.5	27.3	25.1			
3557	NOT PREGNANT																			
3558	26.5	27.4	26.6	26.6	26.7	C	C	D	27.6	24.3	26.1	26.6	28.1	24.9	C	C				
3559	24.8	Z	25.1	27.8	20.9	25.7	23.7	25.7	D											
3560	26.6	27.6	28.0	27.3	27.4	28.6	25.3	24.8	26.7	C	25.9	24.9								
3561	22.9	23.3	D	22.8	23.1	22.5	22.0	C	24.9	23.8	C	20.3	22.9	23.9						
3562	24.0	C	C	C	C	23.3	23.8	24.2	23.6	22.9	C	C	C	23.1	23.8	26.2	25.0	23.8		
3563	22.5	22.9	25.0	C	23.0	25.7	C	24.2	19.8	21.8	C	M	19.6	21.4	22.0					
3564	20.5	C	C	C	18.3	22.4	24.3	C	23.1	C	C	19.3	16.5	21.4	14.3	22.5	22.4			
3565	23.9	S	M	24.7	24.2	D	Z	24.9	M	23.7	23.4	22.5	25.4	23.9	22.8	M	23.8	C	M	
3566	24.4	24.3	C	C	26.7	C	26.6	23.3	22.1	24.8	23.8	23.9	24.9	C	23.1					
3567	28.0	29.0	27.7	C	28.8	28.7	C	C	28.7	C	26.4	C	28.3	27.9	C	C	26.4	27.8		
3568	23.3	24.5	24.1	24.1	C	C	C	C	24.2	23.8	C	23.1	21.8	23.6	C	C	22.0	22.0		
3569	20.7	22.1	21.0	21.0	C	C	21.8	21.7	19.9	18.2	21.0	19.2	D	21.1						
3570	25.3	26.3	24.1	26.7	25.9	26.3	24.8	C	24.2	25.0	25.3	24.2								
3571	25.9	S	26.8	26.3	26.6	25.8	24.7	25.8	26.2	26.0	24.8	25.6								
3572	26.3	S	27.3	26.8	26.1	25.3	25.1	26.3	26.8	C	26.3	C	26.6	25.9						
3573	24.8	27.2	M	24.0	25.5	C	C	23.7	C	C	24.9	23.9	24.9	24.6	24.6					
3574	28.7	D	S	28.8	C	C	28.6	29.1	28.4	29.6	30.1	28.9	C	27.3	29.3	26.5	C			
3575	24.8	S	25.4	C	26.3	24.0	26.1	24.7	24.4	25.0	22.9	23.5	25.2	C						
3576	22.6	C	C	C	24.1	23.8	24.7	23.3	21.2	22.9	21.0	20.9	C	C	21.2	22.8				

MEAN 24.7
S.D. 1.96
N 25

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4551	23.1	25.5	23.2	23.8	23.9	C	C	C	24.3	22.6	22.1	22.9	20.9	22.0	C					
4552	24.5	Z	24.9	25.6	24.3	26.1	26.4	24.2	24.4	24.3	C	C	20.5	24.8						
4553	28.5	C	C	29.3	C	31.1	C	28.7	29.7	28.3	C	26.3	26.1	27.9	28.4	29.6				
4554	24.7	26.3	28.1	26.3	23.6	23.7	C	C	C	23.6	23.2	25.4	22.2	24.9						
4555	25.0	25.7	27.8	26.3	24.6	25.4	C	25.0	23.5	C	C	25.0	23.8	23.2						
4556	21.4	S	C	C	20.2	C	C	21.1	24.0	21.7	19.4	C	23.1	D	C	22.1	22.2	18.8		
4557	23.4	22.9	C	22.6	21.8	C	23.9	C	25.2	25.7	22.9	C	C	21.9	23.3	23.5				
4558	22.3	S	21.9	24.7	21.3	23.2	20.2	22.6	20.7	20.0	24.6	C	24.2							
4559	26.4	C	C	29.6	22.4	27.9	26.4	26.2	C	C	24.8	25.8	28.5	26.6	25.5					
4560	27.0	S	28.7	28.1	31.6	C	29.3	26.1	C	C	C	C	C	26.4	24.6	24.9	28.3	22.4		
4561	22.1	24.4	23.9	23.6	20.6	20.8	22.1	21.6	22.8	21.4	C	20.2								
4562	22.9	23.3	C	23.6	C	C	C	24.7	24.4	23.2	C	21.9	22.3	C	22.9	21.1	21.6	C		
4563	24.7	26.2	25.3	25.5	20.3	26.8	C	C	25.0	C	24.5	25.0	24.5	23.9	C					
4564	24.5	23.7	26.1	25.3	23.0	25.5	24.9	24.9	24.7	C	24.8	C	22.5							
4565	26.3	26.4	28.4	24.4	28.7	C	27.3	C	27.1	C	24.3	25.6	24.1	C	26.4					
4566	18.8	19.3	17.8	20.5	22.2	C	C	14.6	19.7	C	18.8	20.9	17.2	C	16.8	C	C			
4567	26.8	C	29.0	29.7	C	28.0	28.7	26.8	24.2	25.6	C	23.8	24.4	27.5						
4568	24.5	C	24.7	24.8	24.9	26.0	C	C	23.7	C	C	23.9	23.5	24.9	26.1	22.5				
4569	24.9	25.1	24.7	26.7	25.3	26.0	23.5	24.5	23.5	24.0	25.3	C								
4570	21.0	21.5	21.9	19.6																
4571	26.8	C	C	25.3	27.7	27.4	31.5	M	28.0	C	C	C	C	C	25.5	24.2	26.0	25.1	27.4	C
4572	24.0	C	23.6	26.0	23.9	24.2	25.6	C	C	24.1	23.7	23.3	23.4	22.5	C					
4573	23.1	S	22.7	21.9	C	C	25.6	23.2	23.0	C	C	21.4	25.5	C	21.3	22.3	24.1			
4574	21.9	C	24.2	M	C	C	C	22.2	C	21.2	25.6	20.5	22.0	20.3	22.9	D	C	18.3	C	
4575	25.1	C	23.9	C	25.0	25.2	25.9	26.2	C	C	23.8	25.3	C	C	24.4	23.3	28.0			
4576	25.7	S	26.5	25.8	26.2	25.1	24.9	27.1	24.7	25.8	25.1	25.8								

MEAN	24.2
S.D.	2.19
N	26

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1551	35.0	C	31.3	36.5	C	C	C	C	32.8	C	36.3	32.2	C	33.3	37.4	33.9	37.0	38.8		
1552	32.8	C	34.3	C	32.1	31.7	C	34.3	31.6	C	27.9	37.3	34.3	C	29.6	34.9				
1553	37.4	C	39.8	37.4	C	C	37.7	36.6	C	C	C	39.3	35.4	42.7	35.2	33.5	36.3	C		
1554	38.4	C	C	C	35.3	40.5	40.9	36.4	33.2	C	40.9	37.8	41.6	38.9	38.9	C				
1555	42.9	42.5	43.9	45.0	C	44.2	42.0	43.8	44.2	C	43.5	37.7	42.3	C	C					
1556	41.3	C	43.6	42.0	34.1	40.6	C	45.0	C	C	42.4	45.3	37.3	39.2	43.3					
1557	35.3	D	C	37.4	37.9	C	C	C	33.2	33.3	35.1	34.4	38.5	39.3	C	C	29.5	C	C	34.0
1558	42.7	C	43.3	45.8	C	42.9	C	47.7	42.3	37.7	39.5	43.2	42.3	C	42.7					
1559	NOT PREGNANT																			
1560	43.5	D	S	41.5	38.4	48.1	C	45.9	C	43.7	41.1	43.6	M	41.8	C	45.7	44.9	M		
1561	35.4	41.5	41.3	36.3	29.4	C	40.9	30.7	32.8	36.5	33.4	31.6	C							
1562	NOT PREGNANT																			
1563	38.2	39.9	32.1	42.4	37.2	39.7	35.8	C	C	39.5	C	39.0	38.7	37.8	C	D				
1564	35.0	D	38.3	39.7	32.4	C	C	C	36.8	30.7	34.7	31.9	32.0	34.5	38.8					
1565	NOT PREGNANT																			
1566	42.2	C	43.6	42.0	46.4	C	C	43.5	45.2	43.4	C	C	38.4	41.8	35.7	42.0	D			
1567	36.7	39.3	35.5	45.0	28.6	C	30.7	C	C	C	36.6	41.2	40.4	40.1	C	29.2	C			
1568	45.5	C	C	43.8	44.6	C	46.1	48.2	45.4	C	46.1	43.9	C	C	47.7	41.7	47.4			
1569	36.6	C	35.6	45.5	36.0	C	25.8	36.6	37.6	36.2	37.2	37.3	37.8							
1570	36.9	39.5	C	42.7	37.9	40.8	C	C	32.7	35.5	C	38.5	36.5	40.8	24.3					
1571	37.8	38.7	C	40.4	37.5	38.5	38.6	36.2	C	C	35.5	39.6	37.5	C	C	35.1	D			
1572	38.4	38.5	42.1	40.5	36.8	35.5	39.0	38.8	34.3	39.7										
1573	37.5	C	37.3	37.1	35.7	C	C	41.5	37.6	C	C	36.8	32.2	34.7	38.8	43.1				
1574	36.5	C	C	36.9	31.9	C	27.5	37.6	C	39.7	C	38.6	38.5	38.4	38.1	37.8	C	C		
1575	39.9	40.4	39.9	40.0	39.7	43.5	44.4	44.4	26.7											
1576	44.6	44.8	49.7	43.5	45.1	C	45.2	46.3	46.4	40.4	43.2	41.7								

MEAN 38.7
S.D. 3.47
N 23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2551	38.4	31.3	40.6	39.5	43.0	37.6	36.8	C	42.1	38.7	43.6	31.1								
2552	42.1	S	39.4	42.4	41.3	46.2	41.2	42.1	41.2	C	39.0	44.6	43.8	C						
2553	32.0	31.8	30.8	34.9	32.2	28.3	C	C	C	30.8	34.8	C	29.6	32.4	34.3					
2554	26.8	31.3	27.7	C	C	25.6	29.3	28.0	C	C	C	23.0	26.0	25.4	24.8	27.0	C			
2555	33.8	35.5	33.8	32.1	C	34.4	32.0	33.7	C	C	C	C	35.3	32.4	33.2	35.4				
2556	42.9	C	C	41.0	42.8	46.1	C	45.4	42.8	C	46.0	C	41.3	43.8	38.5	41.4				
2557	37.2	C	34.6	39.4	C	41.1	31.5	38.0	C	36.2	C	39.0	38.3	37.9	C	C	35.9			
2558	42.6	43.0	43.2	40.4	46.5	C	45.5	C	42.1	37.7	43.0	C	40.6	44.2						
2559	NOT PREGNANT																			
2560	44.0	44.0	45.5	45.1	42.7	43.0	43.5	44.3												
2561	37.6	39.6	37.6	C	36.4	37.5	41.0	38.9	35.2	35.5	36.5	37.7								
2562	38.3	42.3	35.8	C	38.7	37.4	39.3	C	37.9	C	C	C	37.4	39.5	35.4	39.4				
2563	31.4	32.3	C	C	C	C	32.6	33.0	33.2	30.6	34.2	28.6	25.2	31.5	C	33.1				
2564	39.8	D	39.8	40.0	39.6	44.4	C	38.8	37.4	38.1	38.3	C	C	41.1	41.0					
2565	42.4	45.4	39.1	42.3	43.2	C	C	41.8	42.1	43.7	C	C	44.2	40.1	42.5					
2566	40.0	C	39.6	43.4	43.0	38.8	C	C	41.2	C	35.2	37.0	39.6	C	41.6	40.5				
2567	45.0	D	Z	C	C	44.8	45.3	45.2	47.1	45.6	45.7	42.2	42.4	45.7	46.2					
2568	NOT PREGNANT																			
2569	35.5	C	35.7	37.4	35.1	36.6	C	33.5	C	C	34.3	32.0	36.3	32.4	41.8					
2570	38.0	41.4	C	C	39.8	37.4	37.3	43.7	C	34.6	34.3	38.8	36.9	35.5						
2571	42.5	C	40.4	45.6	46.6	46.9	36.7	41.5	C	42.6	40.1	39.4	45.5	C	C	C				
2572	44.5	C	46.1	43.3	C	44.8	48.0	45.8	44.5	C	C	44.1	42.8	40.5	45.3					
2573	34.5	C	C	C	37.2	36.2	31.1	C	35.2	42.0	38.9	36.9	27.8	29.4	30.2					
2574	33.3	35.6	C	35.8	32.9	C	33.3	34.0	C	C	C	31.3	C	32.6	30.3	C	34.3	32.4		
2575	38.3	38.9	39.6	37.8	37.9	40.1	35.9	40.6	35.5											
2576	39.0	39.6	40.1	39.7	36.8	41.2	C	C	C	41.4	37.5	C	C	C	38.5	35.1	40.2			

MEAN 38.3
S.D. 4.67
N 24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3551	39.2	40.7	40.0	40.3	C	C	43.7	35.3	41.7	C	C	37.9	38.8	41.0	32.4	C				
3552	42.5	43.4	43.0	C	43.1	C	C	C	43.8	44.5	41.2	42.5	41.0	39.7	43.1					
3553	40.1	42.0	43.4	42.8	37.4	C	39.6	41.4	D	C	39.7	C	C	34.7	C	C	C	40.3		
3554	45.9	S	45.0	46.1	43.8	50.5	45.3	C	47.0	42.9	C	C	48.2	C	C	46.5	43.9	C		
3555	41.1	42.9	41.0	42.2	40.0	44.2	C	C	44.9	38.4	44.3	39.9	33.6							
3556	42.3	44.6	C	C	C	C	42.8	45.0	39.0	42.3	42.4	41.0	C	C	40.9	44.2	40.8			
3557	NOT PREGNANT																			
3558	44.2	46.9	45.7	43.8	44.2	C	C	D	45.6	42.3	45.5	43.0	44.3	40.7	C	C				
3559	44.5	Z	46.0	48.7	36.9	46.1	44.1	45.1	D											
3560	47.3	48.5	48.3	49.3	47.2	51.8	44.7	45.0	47.1	C	45.6	45.9								
3561	36.9	38.4	D	36.3	37.9	36.4	34.9	C	41.1	37.8	C	31.8	36.8	37.2						
3562	42.2	C	C	C	C	41.8	39.3	41.8	42.3	39.9	C	C	C	41.2	42.8	44.2	44.4	44.7		
3563	36.4	38.3	40.2	C	36.9	41.4	C	39.1	31.3	35.3	C	M	30.2	35.1	35.8					
3564	33.2	C	C	C	30.1	36.5	37.4	C	37.7	C	C	31.6	26.6	36.4	23.1	35.7	37.0			
3565	42.2	S	M	43.7	43.4	D	Z	43.4	M	41.8	41.4	40.3	46.0	41.7	38.6	M	41.5	C	M	
3566	38.7	38.0	C	C	42.1	C	41.8	36.8	34.0	39.6	40.0	36.5	40.4	C	37.4					
3567	46.9	48.8	46.0	C	46.5	49.8	C	C	48.8	C	41.8	C	48.5	47.8	C	C	44.1	46.7		
3568	38.8	40.8	38.4	39.9	C	C	C	C	40.4	39.9	C	37.3	37.3	39.6	C	C	37.9	36.1		
3569	33.9	34.3	33.6	33.9	C	C	34.3	36.8	33.8	29.8	35.8	30.5	D	35.8						
3570	41.1	42.5	38.1	44.0	41.5	43.4	40.1	C	41.3	41.0	39.8	39.6								
3571	44.9	S	47.4	47.1	47.4	44.6	43.3	46.0	42.5	44.9	43.8	42.3								
3572	44.3	S	44.1	47.4	44.2	43.0	41.3	44.1	46.3	C	43.2	C	45.5	44.0						
3573	41.7	44.3	M	39.2	44.1	C	C	41.1	C	C	41.0	41.6	42.4	40.6	41.3					
3574	47.5	D	S	47.0	C	C	48.8	48.9	46.2	51.1	47.8	47.2	C	45.9	47.1	44.6	C			
3575	40.6	S	40.1	C	43.4	39.9	46.0	36.6	39.4	42.2	38.2	38.9	41.7	C						
3576	34.5	C	C	C	37.1	33.7	35.8	36.5	33.3	35.9	31.8	32.7	C	C	33.2	35.1				

MEAN 41.2
S.D. 4.10
N 25

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4551	40.7	45.3	38.2	43.8	41.4	C	C	C	43.0	41.7	39.0	39.4	36.0	38.7	C					
4552	41.2	Z	41.2	43.3	41.1	43.2	42.9	42.2	42.2	42.6	C	C	35.6	37.9						
4553	49.1	C	C	48.4	C	51.4	C	49.9	51.0	47.1	C	46.2	49.3	50.1	47.2	50.8				
4554	41.1	43.4	39.9	46.7	42.2	39.3	C	C	C	39.5	39.4	42.3	36.2	42.5						
4555	42.9	43.2	48.4	43.8	42.8	43.9	C	43.9	38.3	C	C	44.2	40.2	40.0						
4556	31.5	S	C	C	29.6	C	C	32.1	36.8	30.9	28.1	C	34.8	D	C	29.7	33.6	28.1		
4557	38.4	36.7	C	34.6	35.2	C	41.4	C	41.2	42.2	38.7	C	C	36.5	38.6	39.0				
4558	37.4	S	34.7	41.9	36.0	38.1	33.9	37.7	35.9	34.1	40.8	C	40.7							
4559	45.9	C	C	49.9	42.2	48.0	46.2	45.1	C	C	42.6	45.6	49.7	46.5	43.6					
4560	44.7	S	45.7	45.7	51.0	C	48.4	43.3	C	C	C	C	C	44.5	42.3	42.7	48.6	35.0		
4561	36.6	41.4	39.5	39.2	33.0	33.7	37.7	35.3	39.2	34.1	C	32.9								
4562	39.0	40.4	C	40.6	C	C	C	41.4	39.7	39.5	C	38.4	38.5	C	38.1	36.5	37.1	C		
4563	41.2	40.6	42.8	42.2	33.1	46.0	C	C	41.6	C	42.6	40.6	41.8	40.6	C					
4564	43.4	44.5	46.7	47.0	41.7	43.3	43.1	42.4	43.6	C	43.2	C	38.6							
4565	46.9	45.8	49.2	44.8	51.6	C	49.5	C	45.8	C	43.9	45.8	45.2	C	47.1					
4566	29.5	29.2	27.7	33.8	33.7	C	C	22.1	32.3	C	30.8	31.1	27.4	C	26.6	C	C			
4567	44.8	C	47.5	49.2	C	45.7	47.5	47.1	43.7	43.8	C	40.4	39.9	43.6						
4568	41.6	C	43.3	40.3	41.7	44.1	C	C	40.4	C	C	41.1	40.6	43.5	42.8	38.2				
4569	43.3	44.8	42.0	46.3	44.8	45.2	42.3	41.1	39.7	41.3	45.2	C								
4570	36.1	37.0	36.6	34.8																
4571	43.1	C	C	41.6	45.6	42.6	49.4	M	44.6	C	C	C	C	C	38.9	39.2	44.1	41.8	43.4	C
4572	38.6	C	36.3	42.8	38.4	38.3	44.1	C	C	40.3	36.1	37.9	36.4	35.0	C					
4573	35.3	S	34.3	31.1	C	C	40.4	35.5	39.8	C	C	32.4	37.5	C	32.5	34.4	35.4			
4574	37.6	C	41.3	M	C	C	C	37.8	C	37.6	45.2	36.1	37.6	34.3	38.3	D	C	30.2	C	
4575	40.7	C	39.5	C	40.0	41.9	41.9	43.9	C	C	39.7	40.4	C	C	39.3	37.4	43.4			
4576	43.9	S	46.1	44.4	45.0	42.0	40.6	46.6	41.1	45.6	42.6	44.9								

MEAN	40.6
S.D.	4.54
N	26

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1551	68.5	C	62.4	71.1	C	C	C	C	67.9	C	66.9	68.7	C	65.4	70.4	68.5	71.2	72.3		
1552	64.1	C	67.3	C	62.6	63.9	C	70.4	61.4	C	53.1	71.6	66.8	C	52.7	71.0				
1553	68.8	C	71.5	66.6	C	C	71.3	71.1	C	C	C	73.4	65.7	74.4	65.2	62.9	65.6	C		
1554	72.5	C	C	C	71.7	80.4	74.8	70.2	67.1	C	76.9	66.9	76.5	71.1	69.0	C				
1555	79.0	81.6	86.2	K	C	85.8	75.4	79.1	K	C	77.7	69.1	77.0	C	C					
1556	76.9	C	82.5	80.9	69.0	76.7	C	82.5	C	C	77.1	82.5	68.4	73.5	75.6					
1557	73.8	D	C	75.1	78.3	C	C	C	70.5	75.8	78.9	69.8	75.5	80.6	C	C	57.9	C	C	76.0
1558	78.2	C	81.2	85.3	C	80.1	C	88.9	80.9	68.8	72.7	72.7	74.8	C	77.0					
1559	NOT PREGNANT																			
1560	79.5	D	S	79.0	73.9	88.0	C	84.6	C	84.2	77.8	77.8	M	72.8	C	77.8	79.3	M		
1561	69.5	81.5	76.1	71.2	60.0	C	80.7	62.3	65.0	67.7	65.4	65.2	C							
1562	NOT PREGNANT																			
1563	72.9	81.3	63.1	81.0	70.5	76.7	67.7	C	C	74.6	C	71.7	71.9	70.7	C	D				
1564	63.4	D	74.2	K	54.9	C	C	C	73.4	63.2	K	62.7	56.9	50.5	71.5					
1565	NOT PREGNANT																			
1566	76.2	C	79.5	78.1	K	C	C	80.3	83.2	79.1	C	C	K	73.0	66.7	69.3	D			
1567	70.1	78.4	74.9	K	60.5	C	65.8	C	C	C	73.0	K	77.3	69.6	C	61.2	C			
1568	82.6	C	C	80.6	86.1	C	K	88.1	86.3	C	82.4	75.9	C	C	82.3	K	78.7			
1569	61.6	C	62.8	74.9	63.9	C	49.7	66.5	61.0	60.8	59.7	57.8	58.6							
1570	72.0	76.2	C	80.2	76.1	79.3	C	C	70.2	67.9	C	74.2	67.2	75.6	53.3					
1571	76.4	79.0	C	84.1	70.8	80.9	78.8	72.6	C	C	70.6	82.9	78.2	C	C	65.9	D			
1572	74.8	76.9	82.3	78.1	75.4	76.3	73.8	73.0	65.8	71.6										
1573	73.3	C	74.1	72.0	75.7	C	C	78.7	75.5	C	C	70.0	63.5	68.8	72.9	81.5				
1574	65.2	C	C	69.4	54.0	C	53.2	72.3	C	70.5	C	69.3	66.4	67.8	62.8	66.1	C	C		
1575	71.0	69.8	70.3	69.6	71.3	77.8	83.1	80.9	45.3											
1576	78.6	80.8	88.8	75.4	79.9	C	79.8	81.1	81.1	68.7	74.9	75.1								

MEAN 72.6
S.D. 5.60
N 23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING K-SCHEDULED SACRIFICE

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2551	72.3	60.6	80.7	77.9	78.9	68.4	67.7	C	79.2	74.9	76.7	58.1								
2552	81.0	S	75.3	83.8	77.9	88.2	78.0	85.3	78.8	C	74.0	83.6	84.7	C						
2553	61.6	62.2	57.0	67.2	62.5	55.8	C	C	C	58.8	64.9	C	57.7	62.1	68.0					
2554	53.6	59.6	56.0	C	C	52.5	60.2	56.8	C	C	C	42.7	53.2	53.5	48.5	53.1	C			
2555	64.0	65.4	66.6	64.0	C	64.6	59.5	64.5	C	C	C	C	68.3	60.3	61.2	65.5				
2556	77.8	C	C	78.7	79.1	83.5	C	82.9	80.7	C	83.2	C	71.1	78.6	68.6	71.8				
2557	72.3	C	68.8	K	C	80.6	65.5	75.5	C	K	C	73.4	69.6	73.5	C	C	71.6			
2558	76.4	77.7	80.8	75.8	81.4	C	K	C	72.2	71.7	81.2	C	70.2	K						
2559	NOT PREGNANT																			
2560	80.1	84.4	78.0	85.8	81.5	75.2	78.0	77.5												
2561	73.8	81.0	72.5	C	73.7	75.8	79.1	K	K	72.4	68.4	67.7								
2562	65.9	73.2	63.9	C	64.2	66.4	68.2	C	62.8	C	C	C	63.6	67.7	61.6	67.4				
2563	63.9	68.1	C	C	C	C	67.2	67.7	67.2	66.8	65.8	57.6	49.7	63.4	C	65.4				
2564	75.7	D	76.5	79.4	78.3	87.1	C	71.3	73.2	73.2	70.7	C	C	71.2	76.1					
2565	81.9	90.1	K	81.4	79.3	C	C	80.9	78.3	83.6	C	C	81.4	K	80.5					
2566	77.0	C	77.5	82.8	81.8	76.0	C	C	78.6	C	68.9	72.4	79.1	C	74.9	78.4				
2567	82.5	D	Z	C	C	82.6	87.3	82.2	86.7	85.5	81.8	76.3	77.5	83.6	81.4					
2568	NOT PREGNANT																			
2569	67.7	C	67.0	73.5	66.7	73.0	C	64.3	C	C	64.8	64.1	66.5	61.2	75.4					
2570	72.0	76.4	C	C	74.2	74.3	75.6	78.7	C	69.9	65.7	68.7	66.8	69.8						
2571	81.4	C	78.2	90.6	86.0	87.4	79.9	78.8	C	77.7	72.9	77.2	85.1	C	C	C				
2572	80.6	C	82.8	80.8	C	88.2	81.3	87.7	77.0	C	C	76.2	77.0	73.3	81.7					
2573	70.9	C	C	C	77.0	71.5	68.5	C	71.2	83.9	80.6	75.8	56.6	60.7	63.3					
2574	66.3	70.9	C	75.5	66.4	C	K	66.7	C	C	C	K	C	62.4	60.5	C	62.6	65.2		
2575	71.1	74.1	74.6	65.9	71.9	74.5	68.3	74.1	65.7											
2576	73.9	76.4	76.9	74.7	73.8	77.2	C	C	C	75.0	67.6	C	C	C	71.8	69.6	76.3			

MEAN	72.7
S.D.	7.44
N	24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3551	77.0	78.5	83.2	K	C	C	80.4	73.2	76.2	C	C	77.5	K	78.7	68.3	C				
3552	78.7	80.8	81.1	C	82.9	C	C	C	79.3	82.6	78.5	77.2	75.0	73.3	76.2					
3553	72.4	75.7	81.5	79.7	69.4	C	72.2	72.5	D	C	68.1	C	C	61.2	C	C	C	71.5		
3554	83.0	S	87.3	86.0	79.5	K	86.6	C	85.0	77.2	C	C	K	C	C	82.3	79.7	C		
3555	75.6	78.6	76.7	77.5	77.0	81.5	C	C	82.8	69.6	78.4	72.5	61.8							
3556	71.5	74.7	C	C	C	C	74.7	79.6	66.3	71.2	69.5	72.1	C	C	67.5	71.5	67.7			
3557	NOT PREGNANT																			
3558	77.8	85.3	84.3	83.5	75.7	C	C	D	75.9	74.5	76.8	72.0	74.9	74.9	C	C				
3559	81.4	Z	85.5	89.6	75.1	80.6	78.9	78.7	D											
3560	86.7	93.1	88.6	91.3	K	91.8	79.1	79.3	87.0	C	K	83.7								
3561	69.2	72.7	D	67.9	73.2	69.3	66.0	C	76.5	72.4	C	60.4	66.4	67.6						
3562	78.8	C	C	C	C	79.8	76.0	80.9	81.5	72.7	C	C	C	76.2	77.4	81.0	80.0	82.4		
3563	66.8	67.7	76.9	C	64.9	77.1	C	K	K	64.5	C	M	51.9	66.2	65.0					
3564	62.3	C	C	C	59.6	65.8	70.6	C	71.1	C	C	59.5	52.0	62.3	45.1	68.0	68.6			
3565	75.7	S	M	78.7	80.4	D	Z	78.8	M	73.9	73.5	72.7	80.8	72.3	71.2	M	74.6	C	M	
3566	72.5	73.8	C	C	80.4	C	81.6	71.5	65.7	70.6	72.8	66.5	73.5	C	68.2					
3567	80.2	85.4	81.9	C	80.6	86.3	C	C	85.6	C	73.7	C	78.8	79.3	C	C	74.1	76.1		
3568	72.6	K	74.0	72.6	C	C	C	C	75.1	78.9	C	70.4	K	74.2	C	C	68.2	67.0		
3569	67.0	70.8	70.2	67.3	C	C	69.3	72.3	63.4	61.7	67.6	62.3	D	65.5						
3570	77.9	80.5	76.7	83.6	80.0	82.9	73.3	C	75.8	75.1	77.7	73.6								
3571	82.8	S	87.2	91.1	89.8	86.2	80.7	80.2	76.6	82.7	77.5	76.4								
3572	81.5	S	83.0	84.9	83.1	80.3	83.5	79.1	83.3	C	81.3	C	81.6	75.1						
3573	73.6	78.3	M	74.0	78.7	C	C	75.1	C	C	70.9	68.2	72.9	73.5	70.8					
3574	85.2	D	S	90.4	C	C	89.9	90.1	84.6	90.6	85.0	79.0	C	81.6	82.0	78.6	C			
3575	76.1	S	78.2	C	83.5	75.8	86.7	72.5	70.8	77.4	69.7	71.8	74.2	C						
3576	68.3	C	C	C	74.6	67.4	70.2	74.6	66.1	68.0	64.3	65.1	C	C	64.3	68.1				

MEAN 75.8
S.D. 6.18
N 25

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING K-SCHEDULED SACRIFICE

APPENDIX U F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4551	76.5	82.9	75.6	84.1	79.8	C	C	C	78.3	75.2	75.3	75.9	67.4	70.7	C					
4552	76.9	Z	75.2	83.0	K	82.0	82.7	76.1	K	77.1	C	C	65.2	74.0						
4553	85.3	C	C	86.0	C	92.5	C	K	91.5	81.5	C	79.1	82.0	82.8	K	87.0				
4554	75.8	76.7	76.7	85.5	77.3	74.4	C	C	C	68.8	75.3	77.3	68.6	77.0						
4555	79.0	80.6	91.0	80.4	80.6	84.7	C	80.0	70.5	C	C	77.9	71.1	72.8						
4556	66.7	S	C	C	64.0	C	C	66.5	78.3	69.9	58.8	C	69.6	D	C	64.1	66.9	62.3		
4557	72.0	71.0	C	66.4	69.5	C	79.7	C	79.1	73.0	70.5	C	C	69.8	69.2	72.2				
4558	71.4	S	70.9	77.6	70.2	73.8	63.5	70.0	66.3	66.5	76.8	C	78.7							
4559	80.7	C	C	86.4	76.8	85.6	83.1	81.6	C	C	75.4	76.9	87.1	76.9	77.5					
4560	80.1	S	86.3	85.0	87.4	C	84.5	78.3	C	C	C	C	C	79.5	74.9	75.5	84.5	64.8		
4561	71.7	77.9	76.5	78.4	66.8	73.0	72.3	69.7	71.2	65.0	C	66.1								
4562	71.3	74.5	C	76.6	C	C	C	75.9	74.9	70.6	C	66.6	71.3	C	70.4	66.1	66.5	C		
4563	76.2	79.9	80.2	82.8	63.8	83.0	C	C	75.1	C	76.8	75.9	72.8	72.1	C					
4564	77.0	78.0	K	84.2	78.0	81.3	74.0	71.5	75.4	C	73.2	C	K							
4565	82.3	84.4	K	85.8	89.2	C	81.2	C	77.2	C	77.0	83.3	80.1	C	K					
4566	58.5	59.0	57.2	69.7	66.6	C	C	42.4	62.6	C	57.8	59.0	55.4	C	55.3	C	C			
4567	81.3	C	84.0	90.0	C	86.5	89.1	82.6	77.8	80.3	C	70.9	73.2	78.7						
4568	77.0	C	76.4	79.4	82.9	83.1	C	C	75.6	C	C	77.9	73.3	78.1	75.5	68.0				
4569	77.6	78.4	76.2	88.1	84.4	81.3	71.8	68.7	72.2	75.1	79.6	C								
4570	65.2	68.9	67.3	59.3																
4571	76.7	C	C	77.4	80.6	80.5	87.1	M	81.9	C	C	C	C	C	62.2	71.6	75.7	73.5	76.1	C
4572	70.9	C	69.4	78.4	74.4	70.4	79.6	C	C	71.7	65.4	68.7	65.5	66.0	C					
4573	72.2	S	K	65.4	C	C	84.8	75.4	83.0	C	C	62.3	K	C	67.5	67.8	71.1			
4574	69.2	C	75.1	M	C	C	C	69.1	C	73.6	82.2	65.2	69.6	61.7	71.1	D	C	55.2	C	
4575	74.2	C	77.4	C	74.8	78.0	81.0	78.3	C	C	70.9	72.1	C	C	71.8	64.7	73.0			
4576	80.0	S	84.7	81.3	82.1	82.0	73.1	82.4	74.5	82.3	78.1	79.3								

MEAN	74.8
S.D.	5.88
N	26

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING K-SCHEDULED SACRIFICE

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1501	6.3	5.5	6.8	6.5	6.3	6.5	6.5	6.6	6.0	6.4	6.9	5.4	6.2	6.1	6.0	6.3	6.2			
1502	6.7	6.6	6.6	6.8	7.2	6.3	6.9	7.4	7.1	6.8	7.0	7.2	6.6	6.6	6.5	6.2	6.1	5.6		
1503	6.5	6.5	6.5	6.5	6.8	6.1	5.9	6.9	6.3	6.6	6.5									
1504	6.1	5.9	6.1	6.3	5.8	6.2	6.2	6.1	5.7	6.5	6.4	5.7	6.0	6.1						
1505	6.9	7.3	6.8	7.3	8.5	7.0	6.8	6.5	6.9	6.5	6.7	6.3	6.6							
1506	6.5	6.7	6.9	6.9	6.5	6.8	5.0	6.6	6.7	6.5	6.8	6.5	6.7	6.7	6.6	6.2				
1507	NOT PREGNANT																			
1508	7.7	6.9	8.1	8.4	7.9	7.6	8.0	7.9	7.8	7.4	7.5	7.5								
1509	NOT PREGNANT																			
1510	7.3	7.6	6.9	7.9	7.7	8.2	6.9	6.5	7.4	7.3	7.7	7.2	7.0	7.0	6.9					
1511	5.9	5.9	6.5	5.5	5.9	M	6.5	6.2	5.7	6.0	5.0	5.8	6.0	5.6	6.4	5.6				
1512	6.3	6.3	6.2	6.7	6.7	6.5	6.5	5.9	5.9	5.3	6.2	6.7	6.5	6.4						
1513	6.4	7.2	5.9	6.4	6.3	6.0	7.0	6.3	6.6	6.6	6.1	6.2	5.4	6.5	6.4	6.2	6.9	6.4		
1514	NOT PREGNANT																			
1515	NOT PREGNANT																			
1516	7.8	8.0	8.3	7.9	8.6	6.5	7.7	7.7	8.1	6.9	7.4	8.2	7.8							
1517	6.0	6.7	5.9	6.7	6.3	5.6	6.2	6.2	6.0	6.4	5.9	5.6	5.6	5.5	6.3	5.8				
1518	6.2	6.2	6.1	6.3	6.5	5.7	6.0	6.7	6.2	5.9	6.3	6.1	6.4	6.1	6.4	5.9	6.2			
1519	7.6	7.0	7.7	7.7	7.6	7.8	7.9	8.5	7.3	7.9	7.2	7.1	7.6							
1520	NOT PREGNANT																			
1521	6.3	5.7	6.4	6.4	7.0	6.7	6.8	7.0	6.0	6.1	5.9	6.0	6.3	5.7	6.4					
1522	7.2	7.7	7.8	7.2	7.5	7.4	7.6	6.8	6.9	6.2	6.9	7.0	7.5	7.1						
1523	7.9	8.2	7.6	8.0	7.9															
1524	7.4	8.0	7.7	8.2	8.1	7.6	7.0	6.9	6.6	7.3	7.5	7.1	7.0	7.0	7.4					
1525	6.9	7.4	7.2	6.0	6.7	7.0	6.3	7.0	7.1	7.0	6.2	7.2	7.5	6.5						
1526	7.4	7.4	7.8	7.4	7.4	6.7	8.1	8.1	7.4	7.9	8.2	7.1	7.1	6.6	6.8					

MEAN	6.8
S.D.	0.64
N	21

PUP STATUS CODES: M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2501	7.5	8.0	7.9	7.6	7.9	7.5	7.1	7.7	7.2	7.0										
2502	7.1	6.5	6.9	6.8	7.3	7.6	7.6	8.0	6.3	7.0	8.0	7.0	7.0	6.8	6.8					
2503	6.7	7.2	7.3	7.0	6.4	6.9	6.8	6.0	6.7	6.9	6.5	6.4	6.5							
2504	8.2	8.4	7.8	7.9	8.8															
2505	6.3	6.7	6.5	5.7	7.0	5.2	6.8	6.2	6.5	5.8	6.4									
2506	7.1	D	7.0	7.4	8.1	6.7	7.1	7.2	6.8	6.8	6.8	6.7	7.0	7.1	7.0					
2507	6.4	5.4	7.0	6.6	7.1	7.1	6.8	6.0	6.3	6.4	7.1	6.4	5.8	6.1	5.9					
2508	7.0	6.8	7.0	7.4	7.1	6.8	7.2	7.5	7.0	6.6	6.5	6.8	6.8	7.0	6.8					
2509	6.4	S	6.5	6.1	6.2	6.8	6.7	6.6	6.2	6.8	6.4	6.1	6.6	6.5	5.8	6.1	6.2			
2510	7.6	8.0	6.6	8.6	8.1	8.0	8.0	7.4	7.6	6.7	7.8	7.5	6.8							
2511	6.9	6.8	7.4	7.6	7.3	7.4	6.5	6.6	6.9	6.5	6.7	6.7	6.9	6.6						
2512	6.9	6.6	7.2	7.3	6.7	7.2	6.8	7.0	6.4	7.0	6.5	7.0	6.8							
2513	NOT PREGNANT																			
2514	NOT PREGNANT																			
2515	7.5	8.1	7.6	7.5	8.1	7.5	6.9	7.3	7.3	7.7	7.2	7.6	7.0							
2516	NOT PREGNANT																			
2517	6.8	6.9	7.3	7.8	6.7	6.9	6.5	6.3	6.7	6.3	6.8	7.0								
2518	7.5	7.6	7.9	7.3	7.6	7.9	7.3	7.0	7.3											
2519	6.3	6.4	6.1	6.2	6.6	6.4	6.3	6.5	6.0	6.1	6.1	6.3	6.1							
2520	7.8	7.9	7.9	8.6	7.7	7.9	7.6	7.6	7.8	7.6										
2521	7.6	8.6	8.4	7.1	7.8	6.2														
2522	7.2	6.6	7.6	7.2	7.4	7.4	7.5	7.4	7.2	6.9	6.7	6.9								
2523	8.1	S	7.9	7.6	8.1	7.7	8.2	7.7	7.7	9.0	8.9	8.1	7.8							
2524	NOT PREGNANT																			
2525	7.2	6.7	7.2	7.3	7.4	7.4	7.6	7.4	7.3	7.1	7.4	6.8	7.3	6.7	6.9					
2526	NOT PREGNANT																			

MEAN	7.1
S.D.	0.57
N	21

PUP STATUS CODES: S-STILLBORN D-DIED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3501	6.3	6.7	6.7	6.7	6.7	5.3	6.4	6.5	6.1	6.7	6.7	6.7	6.5	5.5	6.2	6.5	6.6	5.8	6.0	
3502	NOT PREGNANT																			
3503	7.8	8.3	7.7	7.7	7.6	8.2	7.7	8.1	7.7	7.0	8.2	7.2	8.2							
3504	NOT PREGNANT																			
3505	6.3	D	6.6	5.8	5.5	6.6	6.3	D	6.8	5.9	6.3	6.4	5.9	5.7	6.5	6.7	6.6			
3506	NOT PREGNANT																			
3507	5.7	3.3	6.1	6.1	5.9	5.8	5.8	6.1	5.8	6.1	5.3	6.0	6.1	5.5	5.9	5.8				
3508	6.8	D	7.6	7.2	6.2	6.8	6.8	5.9												
3509	6.3	7.0	6.4	6.4	6.5	6.8	6.8	6.2	6.4	6.1	6.3	6.3	6.0	6.3	6.1	6.4	5.5	5.4		
3510	8.3	8.8	8.4	8.1	8.4	8.1	8.1													
3511	7.3	7.8	7.6	7.2	7.7	7.9	7.0	7.0	7.6	6.5	7.2	6.9	D	7.0	7.3					
3512	7.3	7.4	8.4	8.1	8.0	7.4	7.6	6.8	7.6	7.3	6.2	7.0	7.3	6.9	7.5	6.6				
3513	5.9	6.3	6.2	5.6	6.0	6.3	6.3	6.1	5.7	5.9	6.0	5.7	5.7	5.8	5.6	5.7	6.2	5.8		
3514	7.7	8.3	8.3	7.3	7.9	7.5	7.9	7.6	7.6	7.5	7.3	7.4								
3515	7.3	7.8	8.0	5.3	7.5	7.7	7.2	7.9	7.3	7.2	7.6	7.9	7.8	5.3						
3516	6.7	6.7	6.3	5.8	7.4	7.2	7.4	7.3	7.0	6.4	5.9	6.2	6.7	7.0	6.0	6.7	6.6			
3517	7.9	8.2	8.3	8.0	7.7	8.0	7.9	7.7	7.6	7.6	8.1									
3518	7.6	S	D	8.0	7.8	7.7	6.9	7.7	8.5	7.7	7.1	7.9	7.2	7.1						
3519	7.6	8.0	5.4	7.8	8.2	7.5	8.0	7.7	8.0	8.0	7.9	7.4	7.5	7.0						
3520	7.9	8.4	7.9	8.1	8.6	8.2	7.6	8.3	4.7	8.9	8.4									
3521	7.3	7.8	7.6	7.0	8.0	7.6	7.4	7.7	7.4	7.1	7.1	7.0	7.1	6.6						
3522	7.0	D	6.5	7.3	6.8	7.0	6.8	7.4	7.2	6.9	6.2	7.1	6.9	7.0	7.1	7.1				
3523	5.2	4.5	4.5	5.7	5.8	5.6	5.9	5.8	4.7	3.5	5.2	5.4	5.0	5.5	5.6	5.6	5.2	4.2		
3524	6.9	7.8	6.9	7.4	7.2	6.9	7.6	7.0	7.1	7.3	6.9	6.5	6.7	6.4	6.5	6.5	6.7	6.5		
3525	7.0	7.4	7.4	7.3	7.8	6.8	7.5	6.3	7.3	6.9	7.2	6.2	7.0	6.8	6.7					
3526	6.0	6.9	6.7	6.2	6.2	6.1	6.5	5.6	5.7	5.1	6.2	5.9	5.7	5.6	5.9					

MEAN	7.0
S.D.	0.81
N	23

PUP STATUS CODES: S-STILLBORN D-DIED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 1

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4501	6.3	6.2	6.5	6.6	6.7	6.3	6.4	6.2	5.9	6.4	6.1	5.9	6.5	6.7						
4502	6.4	6.2	6.4	6.4	6.0	7.1	6.6	6.7	5.8	6.1	6.6	6.2	6.2	6.3	6.5	6.4				
4503	7.3	7.9	6.6	6.9	7.3	7.7	8.2	7.4	7.3	7.3	7.5	7.4	7.2	6.9	7.0	7.0	7.3	7.2	M	
4504	6.2	6.0	6.3	6.3	6.5	6.7	5.8	7.0	6.8	6.4	6.4	5.5	6.8	5.8	6.3	5.3	5.4	6.2	6.3	
4505	6.2	6.6	6.0	6.3	7.2	6.2	5.9	5.7	6.1	5.9	5.9	6.2	6.4							
4506	7.8	7.7	8.0	8.1	7.8	7.8	7.6	7.7	8.1	7.8	7.7									
4507	7.9	7.5	8.2	7.9	8.3	8.1	7.9	7.8	7.6	8.0	7.1	8.0	8.3							
4508	6.2	S	6.1	6.5	6.8	6.2	7.3	6.8	6.6	6.5	5.4	4.3	5.6	6.0	6.1	6.3	6.2			
4509	5.9	6.2	5.5	5.9	6.1	6.4	5.6	6.1	5.9	5.8	5.9	6.1	5.3	6.3						
4510	6.9	6.8	7.7	6.4	6.9	7.2	7.4	7.1	7.1	6.5	6.8	6.6	6.7	6.9	6.3	6.4				
4511	5.8	6.0	6.1	6.1	5.8	5.8	6.2	5.9	5.9	5.7	6.1	5.3	5.7	5.4	6.0	5.5	5.6			
4512	7.0	7.0	7.1	7.5	7.9	7.3	7.5	7.1	5.3	6.9	6.3	7.6	7.0	7.0						
4513	NOT PREG., NO MATING DATE																			
4514	NOT PREGNANT																			
4515	6.8	6.3	7.5	6.9	7.4	7.3	6.4	6.5	7.1	6.9	6.9	7.0	6.6	5.7	6.0					
4516	6.7	7.7	6.5	6.2	6.8	7.2	5.6	5.7	7.1	7.1	7.4	7.2	6.5	6.5						
4517	5.3	5.5	D	6.0	5.9	4.9	4.5	5.7	5.2	5.5	4.2	4.6	5.3	5.8						
4518	7.2	7.7	8.1	7.4	7.1	6.5	6.2													
4519	7.7	7.4	7.8	8.5	7.8	7.7	M	7.1	8.2	7.7	M	7.5								
4520	7.4	7.8	7.5	7.1	7.4															
4521	7.1	6.9	7.3	7.2	7.8	6.9	7.5	7.5	7.2	7.1	6.8	7.3	6.7	7.3	7.0	6.2				
4522	8.6	9.1	8.7	9.0	8.3	9.0	8.6	8.4	8.2	8.5	8.4	8.5	8.6							
4523	7.1	7.0	7.0	7.2	7.1	7.5	7.2	7.0	7.3	7.1	6.7	7.3	6.5	6.9	6.6	7.7	7.5			
4524	6.6	S	S	6.6	6.5	6.7	6.5	7.1	6.3	6.8	7.0	6.6	6.3	6.7	5.8	6.4				
4525	7.1	7.4	7.3	7.2	6.7	6.8	7.1	7.2	7.0	6.7	7.4	7.0								
4526	7.5	7.6	7.9	7.7	7.8	8.1	7.5	7.7	7.3	7.3	7.3	6.8								

MEAN	6.9
S.D.	0.77
N	24

PUP STATUS CODES: S-STILLBORN D-DIED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1501	9.0	7.3	9.3	8.8	8.9	10.3	9.7	9.1	8.8	9.7	10.4	8.2	8.6	9.0	8.8	9.0	8.2			
1502	9.2	9.2	9.5	D	9.6	8.6	10.3	10.0	9.5	9.2	9.4	10.2	8.7	9.5	8.7	9.1	8.6	7.3		
1503	10.3	10.9	10.1	10.4	10.8	9.8	9.5	10.8	10.1	10.1	10.5									
1504	8.4	7.5	8.6	9.6	8.5	8.9	9.0	8.2	7.3	9.1	8.1	8.3	7.9	8.6						
1505	10.4	11.0	10.3	11.2	10.0	10.9	10.3	10.0	10.7	10.1	10.1	10.2	10.3							
1506	9.9	9.4	10.6	9.6	9.8	10.4	9.7	9.8	10.9	9.7	10.4	9.6	9.8	10.2	10.0	9.1				
1507	NOT PREGNANT																			
1508	11.0	9.9	11.1	11.9	11.4	11.1	11.4	10.8	11.8	10.3	10.6	11.0								
1509	NOT PREGNANT																			
1510	10.0	10.7	9.3	10.6	10.4	10.7	9.6	8.9	10.0	9.9	10.8	9.8	9.4	9.7	9.8					
1511	8.5	8.3	9.5	7.4	8.8	M	9.5	8.8	8.0	8.7	7.5	8.1	8.7	8.6	9.3	8.4				
1512	9.6	9.7	9.5	10.5	10.4	9.9	9.6	9.4	9.5	8.3	9.5	9.9	10.0	8.3						
1513	7.0	7.5	6.7	7.6	7.1	5.8	7.9	7.3	6.4	6.5	6.9	6.3	6.5	7.1	7.2	6.9	8.1	7.7		
1514	NOT PREGNANT																			
1515	NOT PREGNANT																			
1516	10.8	10.7	11.5	11.1	12.1	9.5	10.9	10.3	11.3	10.2	10.3	11.5	10.5							
1517	9.0	9.7	9.4	10.2	8.9	8.3	9.1	9.6	9.0	9.4	8.8	8.1	7.9	8.2	9.5	9.0				
1518	8.7	8.6	8.9	9.3	9.1	8.2	8.7	9.0	9.3	8.5	8.8	9.0	8.5	8.0	9.0	7.7	8.9			
1519	10.6	9.4	10.4	10.9	9.7	11.3	11.0	12.1	10.3	11.3	9.8	10.0	10.9							
1520	NOT PREGNANT																			
1521	9.9	9.0	M	9.6	11.2	10.6	10.2	11.0	9.5	9.4	9.7	9.3	9.8	9.2	10.0					
1522	9.7	10.2	9.8	10.2	9.5	9.6	10.4	9.0	9.6	9.1	9.5	9.5	9.5	9.6						
1523	13.6	14.1	12.8	14.1	13.4															
1524	10.1	10.6	10.4	10.7	11.3	10.0	9.3	9.5	9.0	10.4	10.3	9.5	10.2	9.8	9.7					
1525	10.8	11.3	11.7	8.8	10.2	10.5	10.0	10.7	11.5	11.0	M	11.2	11.8	10.5						
1526	10.7	11.0	11.3	10.2	10.5	10.1	11.3	11.8	11.4	11.0	11.0	10.2	10.2	9.8	9.8					

MEAN 9.9
S.D. 1.30
N 21

PUP STATUS CODES: D-DIED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2501	11.8	12.7	12.4	11.8	12.2	11.6	11.6	11.6	11.4	11.2										
2502	10.2	10.1	10.3	9.6	10.2	10.5	10.7	10.8	9.5	9.9	10.9	10.0	10.0	10.1	9.8					
2503	10.7	11.1	11.5	11.2	10.2	10.6	11.1	9.5	10.8	10.6	10.3	10.5	10.4							
2504	12.9	13.1	12.3	12.3	13.9															
2505	10.3	11.3	10.7	9.1	11.1	8.3	11.2	9.9	10.4	9.8	10.8									
2506	10.2	D	10.2	10.8	11.5	9.6	10.0	10.3	9.7	9.8	10.4	9.6	10.0	10.3	10.2					
2507	9.7	8.3	11.0	10.1	9.6	10.4	10.6	9.3	9.6	9.7	10.9	9.5	8.9	9.5	8.8					
2508	9.6	9.5	9.1	10.3	9.4	9.7	9.8	9.9	10.4	8.4	9.7	9.3	9.7	10.3	9.0					
2509	9.5	S	9.8	8.6	8.4	9.7	10.6	10.0	10.0	10.3	9.9	9.2	9.8	9.3	8.2	9.7	8.3			
2510	10.9	11.6	9.7	12.0	11.6	11.0	11.1	10.9	11.5	10.1	10.9	11.0	9.5							
2511	10.3	9.8	10.8	11.5	10.9	11.4	9.8	9.6	10.0	9.3	10.7	10.6	10.4	9.5						
2512	9.7	9.2	10.5	10.3	9.8	9.3	9.8	9.8	9.2	9.6	9.4	9.8	9.7							
2513	NOT PREGNANT																			
2514	NOT PREGNANT																			
2515	11.0	12.2	11.7	11.0	11.3	11.2	10.0	10.9	10.7	10.9	10.7	10.9	10.4							
2516	NOT PREGNANT																			
2517	9.3	8.7	9.5	10.3	9.5	9.2	8.5	8.7	9.7	8.6	9.6	9.8								
2518	11.6	12.1	12.1	11.2	11.4	12.7	11.6	10.8	11.2											
2519	8.8	9.1	8.4	8.3	9.3	9.4	8.7	8.9	8.5	8.3	8.4	9.0	9.0							
2520	11.6	11.6	11.3	12.4	11.5	12.2	11.3	11.3	11.7	11.4										
2521	12.9	13.9	13.8	12.4	13.0	11.4														
2522	10.4	9.8	11.2	10.3	10.4	10.4	10.9	10.8	10.4	9.8	10.3	9.8								
2523	11.8	S	11.5	10.9	11.8	11.9	11.9	11.9	11.2	13.1	12.8	11.9	11.3							
2524	NOT PREGNANT																			
2525	10.1	9.0	10.0	10.1	10.7	10.8	11.0	10.4	10.3	10.3	10.7	9.3	10.1	9.6	9.5					
2526	NOT PREGNANT																			

MEAN 10.6
S.D. 1.13
N 21

PUP STATUS CODES: S-STILLBORN D-DIED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3501	8.4	9.0	8.7	9.3	8.5	6.8	8.3	8.7	8.6	8.6	8.6	9.2	7.8	7.3	8.5	8.5	8.6	8.7	7.6	
3502	NOT PREGNANT																			
3503	12.0	12.0	11.8	11.8	12.5	12.5	12.1	12.3	12.0	11.4	12.3	11.0	12.4							
3504	NOT PREGNANT																			
3505	7.9	D	8.3	D	M	7.8	7.1	D	8.1	7.4	7.9	8.6	8.2	6.3	7.8	8.4	8.7			
3506	NOT PREGNANT																			
3507	8.4	4.8	8.9	9.0	9.0	8.8	8.4	9.1	8.7	9.0	8.1	8.9	8.9	7.6	8.4	8.5				
3508	10.9	D	12.1	11.3	9.9	11.2	11.3	9.8												
3509	8.7	9.6	8.4	8.4	9.3	9.2	9.6	7.8	8.7	8.8	9.2	8.4	8.6	9.2	8.3	8.4	7.7	7.6		
3510	13.4	14.0	12.9	12.5	13.8	13.5	13.5													
3511	10.4	11.5	10.5	10.5	11.1	11.1	10.2	10.0	10.7	9.3	10.2	10.3	D	9.8	10.4					
3512	10.3	10.5	11.7	12.0	11.0	9.9	10.1	9.7	10.5	10.0	9.2	9.6	10.1	10.1	10.9	9.6				
3513	8.6	9.3	9.3	8.3	9.1	8.6	8.7	8.7	7.8	8.8	8.5	8.0	8.2	8.0	8.4	8.5	9.2	8.0		
3514	11.3	11.6	12.1	10.3	11.8	11.0	11.4	11.2	11.6	10.8	11.8	11.2								
3515	11.5	11.7	12.1	D	11.0	11.3	11.3	11.8	11.2	11.2	11.5	12.0	11.8	M						
3516	9.7	9.8	9.2	8.2	11.1	10.0	10.4	10.9	10.3	9.6	8.7	9.1	10.2	9.6	8.8	9.2	9.7			
3517	12.4	13.3	13.0	12.2	12.2	12.3	12.2	12.0	12.0	12.1	12.4									
3518	10.9	S	D	11.7	11.3	10.8	10.4	10.8	12.2	10.8	10.8	10.8	10.3	10.4						
3519	10.0	10.3	3.7	10.7	10.7	10.6	10.6	9.8	11.0	11.2	10.7	10.3	10.7	9.2						
3520	11.7	12.5	11.6	12.4	12.3	12.1	11.6	12.5	7.1	12.5	12.2									
3521	10.5	10.9	10.7	10.2	11.7	11.1	10.4	11.0	10.4	10.3	11.0	9.7	9.9	9.4						
3522	10.1	D	9.6	10.2	9.9	10.4	9.8	10.6	10.4	9.6	9.6	10.4	10.2	10.0	10.4	10.2				
3523	7.8	5.8	Z	9.0	9.3	8.6	8.0	9.0	6.2	M	7.6	7.6	7.0	8.5	8.2	8.2	7.8	5.9		
3524	9.8	10.3	9.4	10.1	10.4	9.7	11.3	10.5	10.4	11.0	9.8	9.6	8.8	8.7	8.8	9.4	9.8	9.1		
3525	9.0	8.9	9.4	9.3	10.5	8.7	9.3	7.8	9.7	8.3	9.5	8.1	9.2	8.6	8.9					
3526	7.5	8.4	9.2	7.8	7.6	8.3	7.9	6.8	7.1	5.6	7.3	7.3	7.4	7.1	7.0					

MEAN	10.1
S.D.	1.60
N	23

PUP STATUS CODES: S-STILLBORN D-DIED Z-CANNIBALIZED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 4

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4501	9.0	9.2	9.0	9.0	9.1	9.1	9.3	8.8	8.3	9.1	8.6	8.5	9.1	9.8						
4502	9.4	8.8	9.5	10.4	7.5	10.4	9.6	10.0	8.6	9.3	10.4	9.1	9.1	9.1	9.8	9.7				
4503	10.4	11.7	M	9.9	10.1	11.6	12.1	10.3	9.5	10.1	10.7	9.7	8.5	10.3	9.9	10.2	10.2	11.1	M	
4504	8.8	8.1	8.2	8.7	9.6	10.3	8.6	10.2	10.3	9.5	9.0	7.2	9.7	7.5	8.9	7.7	7.6	8.4	8.8	
4505	9.0	9.5	8.7	9.4	10.2	8.8	8.3	8.3	8.8	9.0	8.6	9.2	8.9							
4506	10.4	10.5	10.7	10.6	10.8	10.7	9.9	9.8	10.8	10.4	10.2									
4507	12.0	11.6	11.9	12.5	12.5	12.0	11.8	12.2	11.7	12.6	10.8	12.1	11.8							
4508	8.7	S	8.0	8.8	9.6	8.3	9.9	8.9	8.6	9.3	7.4	M	7.4	9.1	9.1	8.9	8.7			
4509	9.1	8.9	7.3	9.1	9.4	9.6	8.9	9.6	9.0	9.0	9.6	9.3	8.4	9.7						
4510	9.9	8.9	10.7	9.1	10.3	10.7	10.9	10.6	10.8	9.0	9.7	9.9	8.9	9.4	9.9	9.8				
4511	8.3	8.6	8.7	8.8	7.9	8.0	8.5	8.2	8.5	8.4	8.6	8.2	7.9	7.7	9.2	7.9	8.3			
4512	10.2	10.3	9.9	10.2	10.7	10.6	10.7	10.6	8.8	10.5	9.7	11.1	9.8	9.9						
4513	NOT PREG., NO MATING DATE																			
4514	NOT PREGNANT																			
4515	10.2	9.6	11.5	10.9	11.1	11.4	10.3	9.6	10.7	10.8	10.0	10.0	9.7	8.4	8.6					
4516	9.4	10.3	7.9	M	9.5	10.2	M	8.4	9.4	9.3	10.2	9.9	8.8	9.0						
4517	7.5	7.7	D	8.8	8.4	7.2	6.7	8.2	6.9	8.1	4.8	6.6	7.9	8.1						
4518	12.0	12.4	13.0	12.8	12.5	10.6	10.5													
4519	12.1	11.9	12.2	13.1	12.6	11.3	M	10.9	12.5	12.3	M	11.9								
4520	11.7	11.9	12.0	11.2	11.8															
4521	10.8	D	11.8	10.9	10.9	10.7	11.5	11.5	11.0	10.7	11.2	10.8	10.1	10.9	10.7	8.9				
4522	12.4	13.1	12.7	12.5	12.1	13.0	12.8	12.5	11.7	12.4	11.1	12.8	12.5							
4523	9.7	9.8	9.8	9.8	9.9	10.1	10.2	9.6	10.3	9.4	8.5	9.4	8.9	9.1	9.3	11.0	10.5			
4524	9.9	S	S	9.7	10.1	10.4	9.6	10.9	9.6	10.6	10.1	10.0	9.2	10.2	8.7	9.8				
4525	10.8	11.4	11.0	11.4	10.2	10.6	10.5	11.2	10.4	10.2	11.0	10.6								
4526	11.3	10.8	11.5	11.4	11.7	11.7	11.2	11.7	11.0	11.1	11.4	10.7								

MEAN 10.1
S.D. 1.32
N 24

PUP STATUS CODES: S-STILLBORN D-DIED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1501	13.3	C	14.5	C	C	C	C	14.2	13.3	14.1	C	12.3	12.6	13.8	12.7	12.9	12.7			
1502	13.4	C	14.1	D	14.3	13.5	C	C	C	14.1	13.7	C	13.0	14.2	C	13.4	13.0	10.7		
1503	14.2	15.3	13.9	14.3	14.9	13.6	13.1	14.8	13.8	13.8	14.8									
1504	13.1	12.6	C	C	13.2	14.1	14.0	12.7	M	C	12.8	12.9	12.4	12.9						
1505	14.7	15.5	14.8	C	14.1	15.0	14.8	14.3	15.2	14.2	14.5	14.5	C							
1506	15.1	14.1	15.9	15.4	15.2	15.9	C	C	C	C	15.6	14.7	14.7	15.1	14.6	C				
1507	NOT PREGNANT																			
1508	14.9	13.4	C	15.8	15.5	15.2	15.7	14.5	14.9	14.6	14.1	14.8								
1509	NOT PREGNANT																			
1510	14.3	C	13.3	15.8	C	C	C	13.1	14.8	14.4	16.1	14.0	14.3	13.6	13.9					
1511	13.0	12.6	C	11.4	13.2	M	14.3	13.6	C	13.2	C	12.1	13.3	C	14.0	12.2				
1512	13.6	13.4	12.5	14.6	14.6	C	13.6	12.9	C	C	13.1	13.6	13.8	13.8						
1513	9.9	10.3	9.1	10.5	C	C	C	10.0	D	C	C	8.5	C	10.0	9.1	9.8	11.4	C		
1514	NOT PREGNANT																			
1515	NOT PREGNANT																			
1516	15.7	15.5	16.9	C	C	14.3	15.9	15.1	15.9	15.4	15.6	16.3	15.9							
1517	14.1	C	14.2	15.2	14.5	C	C	C	14.3	14.9	C	13.3	13.1	12.8	14.8	14.1				
1518	13.5	13.6	13.6	14.2	13.4	C	C	14.0	C	12.8	13.6	C	14.0	C	C	12.7	13.4			
1519	14.9	C	14.4	C	13.3	15.8	15.3	16.3	14.3	15.4	14.5	14.8	15.4							
1520	NOT PREGNANT																			
1521	14.3	13.1	M	14.2	14.9	15.4	15.1	C	13.9	C	14.1	14.0	13.8	C	14.7					
1522	13.8	14.0	14.1	14.3	C	13.1	14.7	C	C	13.1	13.6	13.7	14.1	12.9						
1523	19.6	20.0	18.6	20.2	19.4															
1524	12.7	13.0	13.2	13.2	13.9	12.7	11.7	12.0	11.2	13.3	C	C	C	C	12.4					
1525	14.9	15.9	16.4	12.7	14.3	14.8	14.3	15.0	C	15.5	M	15.2	C	14.7						
1526	16.3	16.8	C	C	16.5	16.0	17.5	C	17.2	17.0	C	15.8	15.6	15.3	15.1					

MEAN 14.2
S.D. 1.79
N 21

PUP STATUS CODES: D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2501	15.7	15.8	16.6	15.8	15.9	16.2	15.5	15.3	15.5	14.9										
2502	15.6	15.1	16.0	C	16.0	15.9	15.7	C	14.8	C	16.2	15.5	16.4	C	14.6					
2503	14.9	15.4	15.6	15.5	15.0	14.6	15.8	13.0	15.2	14.9	14.4	C	C							
2504	19.3	19.8	18.7	18.7	19.8															
2505	13.7	15.4	13.9	12.5	14.9	11.9	14.5	13.9	14.1	12.1	14.2									
2506	14.7	D	15.0	15.9	16.1	14.1	14.7	C	14.1	C	14.7	13.9	14.1	C	14.5					
2507	14.0	12.3	C	14.6	14.1	15.5	14.7	C	14.0	C	C	14.3	13.4	13.9	13.4					
2508	13.6	13.2	12.9	14.2	13.6	C	C	14.0	14.1	C	C	13.2	14.4	14.2	12.6					
2509	14.6	S	14.3	C	C	C	C	15.5	14.5	15.5	15.0	C	15.6	14.7	13.2	14.5	13.0			
2510	15.4	16.2	12.7	17.4	15.9	16.6	C	C	16.3	14.3	15.5	16.1	13.3							
2511	15.3	13.8	16.1	17.2	16.5	16.9	C	13.8	15.0	13.8	15.5	C	C	14.2						
2512	12.9	12.7	13.9	13.8	13.3	11.8	13.4	12.5	12.3	C	C	12.8	12.6							
2513	NOT PREGNANT																			
2514	NOT PREGNANT																			
2515	15.0	16.2	16.0	14.8	15.3	14.9	C	C	14.9	14.8	14.4	14.5	14.4							
2516	NOT PREGNANT																			
2517	11.9	11.5	12.3	13.1	11.9	12.3	11.3	11.0	12.2	11.2	C	12.5								
2518	15.2	15.8	15.8	14.6	15.0	16.4	15.2	14.1	15.1											
2519	12.3	12.3	12.0	11.9	12.8	13.4	C	12.9	11.7	11.5	C	12.7	12.2							
2520	15.1	15.2	14.8	15.9	15.0	15.3	14.6	14.8	15.3	14.7										
2521	18.0	18.7	18.8	17.6	18.2	16.6														
2522	14.8	C	15.9	14.3	15.2	14.8	15.1	14.8	14.9	13.8	14.8	14.2								
2523	15.6	S	15.6	14.7	15.2	15.8	15.6	C	14.8	16.9	16.9	15.8	15.2							
2524	NOT PREGNANT																			
2525	14.3	12.7	14.6	C	C	C	15.8	14.3	14.4	C	15.4	13.2	15.2	13.7	13.7					
2526	NOT PREGNANT																			

MEAN 14.9
S.D. 1.65
N 21

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3501	12.2	12.1	C	13.1	C	C	C	C	C	12.4	12.2	12.9	11.4	C	C	11.9	12.2	12.2	11.5	
3502	NOT PREGNANT																			
3503	16.0	16.0	C	C	16.7	16.8	16.3	16.2	15.9	15.4	16.2	14.5	16.1							
3504	NOT PREGNANT																			
3505	11.6	D	11.4	D	M	10.6	9.7	D	12.6	10.9	C	11.8	12.0	D	12.8	C	12.3			
3506	NOT PREGNANT																			
3507	12.6	7.1	13.2	13.7	C	C	13.2	14.5	13.0	C	C	13.6	13.5	11.5	12.8	C				
3508	15.7	D	17.0	16.3	14.5	16.4	16.1	14.0												
3509	13.6	C	13.2	13.3	14.5	C	14.6	C	13.7	C	C	C	C	14.3	13.4	13.4	12.3	13.6		
3510	18.4	18.5	17.8	17.8	18.4	19.2	18.7													
3511	14.8	15.7	14.9	14.9	15.5	C	14.2	C	15.5	13.7	14.5	14.6	D	C	14.2					
3512	15.4	15.3	17.0	17.0	16.2	15.4	14.9	C	C	15.0	13.6	14.5	15.0	C	C	C				
3513	13.7	15.1	C	13.1	14.4	13.6	C	13.8	12.3	C	C	C	C	12.9	13.8	13.1	14.6	C		
3514	15.5	16.0	16.3	13.7	16.2	15.3	15.2	15.2	15.7	C	15.6	15.7								
3515	16.5	16.8	17.1	D	15.2	16.1	16.0	17.4	C	16.4	16.5	17.1	16.7	M						
3516	14.7	C	C	11.9	17.4	C	15.1	16.9	15.6	C	13.1	13.8	14.8	14.8	13.2	C	C			
3517	15.9	16.5	16.6	16.1	15.6	15.6	15.8	15.4	15.4	16.1	15.8									
3518	15.0	S	D	15.5	16.0	14.3	C	15.1	17.0	14.9	14.4	15.0	13.8	14.1						
3519	13.9	13.7	C	C	14.3	14.3	14.4	13.5	14.9	C	13.7	13.7	14.3	12.7						
3520	14.7	15.8	14.8	15.6	15.5	15.1	14.9	15.5	9.5	15.5	15.2									
3521	14.3	14.8	14.3	C	15.3	14.5	C	14.5	13.9	14.6	C	13.7	14.0	12.9						
3522	13.8	D	13.1	14.1	13.8	13.7	13.2	14.8	14.4	13.2	13.3	14.6	C	C	C	C				
3523	10.7	C	Z	12.0	C	12.2	6.9	13.0	8.2	M	C	C	10.5	12.3	12.1	11.8	C	8.1		
3524	15.1	C	C	16.0	C	C	17.3	C	16.4	C	15.1	15.0	14.1	13.8	13.6	C	15.0	14.2		
3525	12.6	12.4	13.5	C	14.2	11.9	12.8	11.4	C	C	13.9	11.4	12.9	C	12.0					
3526	10.9	12.3	13.6	C	10.5	D	10.9	9.2	10.2	C	10.5	10.1	C	C	10.6					

MEAN	14.2
S.D.	1.87
N	23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 7

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4501	13.0	13.6	12.8	12.9	13.7	C	13.5	13.1	12.3	C	12.6	12.2	C	13.0						
4502	13.8	C	C	15.1	10.5	15.2	14.5	C	13.2	C	15.2	13.0	14.1	13.4	C	14.2				
4503	15.9	17.8	M	C	C	16.7	17.6	16.1	C	15.7	16.5	15.4	13.4	15.3	15.0	C	C	C	M	
4504	13.1	C	12.5	13.0	13.4	14.7	C	C	14.8	C	C	11.4	C	C	C	12.2	11.6	13.0	13.9	
4505	12.6	12.7	12.5	13.1	13.7	12.4	C	11.8	C	12.6	12.1	12.3	13.2							
4506	14.0	13.8	14.0	14.2	14.1	14.8	14.0	13.1	14.5	14.1	13.5									
4507	16.2	16.1	16.5	16.8	16.8	16.2	C	C	15.9	16.6	14.7	16.0	16.3							
4508	12.0	S	11.0	C	C	11.9	13.2	12.4	12.9	C	10.5	M	10.3	C	12.8	12.6	11.9			
4509	12.2	12.6	9.8	12.6	C	13.4	11.8	C	C	12.5	12.5	12.5	11.4	12.9						
4510	14.8	C	15.0	13.5	15.6	15.2	15.7	15.0	15.5	C	14.6	C	C	13.7	14.5	C				
4511	12.8	12.9	13.2	C	C	12.6	12.7	12.8	C	C	13.8	12.5	C	11.8	13.6	12.0	C			
4512	14.4	14.7	14.9	14.5	C	15.4	C	C	11.5	14.9	14.0	15.7	14.2	14.1						
4513	NOT PREG., NO MATING DATE																			
4514	NOT PREGNANT																			
4515	14.6	C	C	14.4	C	15.8	14.0	14.3	15.7	16.0	15.4	C	14.8	12.5	12.7					
4516	12.2	13.2	10.4	M	12.0	13.4	M	11.0	12.2	12.3	13.2	13.3	11.4	C						
4517	10.4	10.5	D	12.8	12.0	C	8.7	11.5	9.4	11.5	6.6	9.4	11.1	C						
4518	15.5	16.0	16.9	16.6	15.8	13.8	14.0													
4519	15.9	15.9	15.9	17.1	16.0	15.2	M	14.8	16.4	16.1	M	15.9								
4520	15.3	15.7	15.7	14.7	14.9															
4521	15.1	D	C	15.7	15.8	15.7	16.0	C	C	C	15.8	14.9	14.1	15.3	15.0	12.8				
4522	16.8	17.4	C	17.1	17.0	17.3	17.6	C	15.9	16.4	16.0	17.4	16.2							
4523	12.8	C	12.4	13.5	13.4	C	13.1	C	13.0	11.9	11.9	C	11.2	C	C	13.7	14.1			
4524	14.0	S	S	C	C	C	14.0	15.6	13.2	14.5	14.8	13.7	13.6	13.9	12.4	14.1				
4525	14.4	15.1	14.4	15.1	13.8	14.2	C	14.9	14.0	13.7	14.7	14.3								
4526	14.2	14.0	14.6	C	14.8	14.9	14.2	14.5	13.8	14.3	14.1	12.9								

MEAN	14.0
S.D.	1.58
N	24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1501	23.6	C	25.0	C	C	C	C	24.4	23.1	23.7	C	22.4	22.2	24.6	24.1	23.0	23.3			
1502	24.6	C	25.2	D	25.5	24.5	C	C	C	24.7	26.6	C	24.2	25.3	C	25.2	23.7	20.8		
1503	24.5	25.6	24.4	25.1	24.6	24.1	23.4	25.8	23.2	23.6	24.8									
1504	25.6	24.7	C	C	26.1	26.5	27.3	24.7	M	C	25.1	25.8	24.7	25.7						
1505	25.0	25.5	25.5	C	24.4	25.5	25.5	24.2	25.5	24.6	24.3	25.2	C							
1506	25.9	25.2	26.4	25.6	26.0	27.5	C	C	C	C	26.1	25.8	25.3	26.1	25.3	C				
1507	NOT PREGNANT																			
1508	24.9	23.6	C	25.9	25.9	24.7	26.2	24.0	25.3	23.7	24.2	25.5								
1509	NOT PREGNANT																			
1510	27.3	C	26.4	29.1	C	C	C	25.6	28.3	27.6	29.6	26.3	27.7	25.7	26.3					
1511	23.9	23.3	C	22.5	22.9	M	25.2	24.9	C	23.9	C	22.4	24.4	C	26.8	22.9				
1512	24.0	23.9	22.9	25.0	25.7	C	23.4	24.1	C	C	23.8	24.1	23.8	23.7						
1513	20.5	21.3	18.7	21.2	C	C	C	19.0	D	C	C	18.7	C	21.7	19.2	20.5	23.8	C		
1514	NOT PREGNANT																			
1515	NOT PREGNANT																			
1516	27.9	28.0	29.1	C	C	26.3	28.6	26.9	27.3	28.6	27.9	28.0	28.2							
1517	25.5	C	27.2	26.6	27.2	C	C	C	27.4	23.4	C	24.2	23.7	24.2	25.9	25.6				
1518	25.2	25.0	25.0	26.2	25.6	C	C	25.9	C	23.8	25.4	C	24.8	C	C	24.8	25.6			
1519	25.2	C	23.8	C	22.7	25.7	25.5	27.9	24.7	24.9	25.3	24.5	26.6							
1520	NOT PREGNANT																			
1521	27.9	26.2	M	28.3	28.9	29.2	30.5	C	25.8	C	28.4	26.2	27.1	C	28.1					
1522	24.2	25.3	23.9	23.7	C	23.0	25.8	C	C	23.1	24.9	24.6	24.5	23.4						
1523	31.4	31.5	29.1	32.9	32.2															
1524	23.4	24.4	23.2	24.2	25.2	23.6	21.2	23.1	21.5	24.5	C	C	C	C	23.4					
1525	24.6	25.0	26.2	22.7	23.3	24.4	23.3	25.4	C	25.3	M	25.9	C	24.3						
1526	28.3	26.7	C	C	31.1	28.0	29.6	C	30.9	25.7	C	27.2	28.2	28.6	26.7					

MEAN 25.4
S.D. 2.24
N 21

PUP STATUS CODES: D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2501	26.8	27.1	28.5	26.5	28.0	27.6	25.7	25.8	26.4	25.2										
2502	27.4	26.3	27.9	C	28.5	26.9	28.1	C	26.7	C	27.9	27.4	27.9	C	26.4					
2503	26.1	26.2	27.1	27.0	26.4	25.9	28.1	23.7	26.5	25.2	25.4	C	C							
2504	34.3	35.3	32.9	32.8	36.2															
2505	22.7	25.1	22.4	20.8	23.3	21.7	23.4	22.8	23.5	20.2	23.7									
2506	23.9	D	24.5	25.5	25.4	23.6	23.6	C	23.6	C	23.4	22.6	23.8	C	22.9					
2507	25.1	22.0	C	26.3	24.7	28.0	26.0	C	25.7	C	C	25.6	24.5	24.4	23.6					
2508	23.2	23.4	22.5	24.1	22.2	C	C	23.6	22.9	C	C	23.0	24.5	23.2	22.2					
2509	27.0	S	25.9	C	C	C	C	28.7	27.2	26.0	28.7	C	28.6	27.2	26.0	27.1	25.0			
2510	25.7	26.5	22.6	29.1	26.5	26.5	C	C	26.9	23.2	25.8	27.0	22.9							
2511	26.8	24.5	28.0	29.3	28.8	29.2	C	24.9	26.4	24.6	27.3	C	C	25.4						
2512	22.9	22.7	24.9	23.5	23.4	22.1	22.7	21.9	22.7	C	C	22.3	22.3							
2513	NOT PREGNANT																			
2514	NOT PREGNANT																			
2515	25.3	26.4	26.2	25.0	25.7	25.5	C	C	24.8	26.0	24.2	24.9	24.5							
2516	NOT PREGNANT																			
2517	20.0	20.0	20.8	21.0	20.0	20.6	19.8	18.6	19.9	18.7	C	20.8								
2518	25.4	27.9	25.0	24.4	26.0	26.1	25.6	22.7	25.3											
2519	21.9	22.4	20.9	21.3	23.0	23.3	C	22.5	21.6	20.9	C	21.8	21.1							
2520	25.2	25.0	24.6	26.5	25.5	25.0	24.8	24.9	25.2	25.1										
2521	32.2	33.0	34.0	32.4	32.1	29.7														
2522	25.3	C	26.6	24.1	25.9	25.6	25.8	25.4	25.6	25.0	24.2	24.7								
2523	24.5	S	24.1	23.2	24.1	25.2	24.3	C	23.0	26.1	26.0	25.2	23.5							
2524	NOT PREGNANT																			
2525	26.0	22.4	25.3	C	C	C	28.2	25.7	27.0	C	28.0	25.1	27.1	26.3	25.3					
2526	NOT PREGNANT																			

MEAN	25.6
S.D.	3.16
N	21

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3501	22.9	24.0	C	22.8	C	C	C	C	C	24.3	23.4	24.0	21.7	C	C	22.2	22.3	22.0	22.1	
3502	NOT PREGNANT																			
3503	27.4	28.6	C	C	27.8	28.4	28.6	26.7	25.8	26.9	26.4	27.0	28.0							
3504	NOT PREGNANT																			
3505	22.4	D	22.2	D	M	20.4	21.0	D	24.2	21.3	C	21.8	22.4	D	25.7	C	22.4			
3506	NOT PREGNANT																			
3507	23.6	17.0	23.5	25.4	C	C	24.8	26.5	23.6	C	C	24.5	24.6	22.2	23.8	C				
3508	26.5	D	26.4	27.3	25.5	28.3	27.0	24.4												
3509	23.0	C	22.2	21.6	24.2	C	25.0	C	23.9	C	C	C	C	24.2	23.4	22.4	21.1	22.1		
3510	27.3	27.7	27.5	27.0	27.4	27.5	26.7													
3511	26.4	28.0	26.0	25.5	28.4	C	26.4	C	27.4	24.8	25.8	26.5	D	C	25.3					
3512	25.5	25.8	28.2	27.0	27.0	25.0	24.5	C	C	24.2	23.7	24.3	24.9	C	C	C				
3513	24.6	26.0	C	23.7	25.0	24.5	C	25.4	23.2	C	C	C	C	23.7	25.4	23.7	25.1	C		
3514	26.2	26.3	27.5	23.8	27.5	25.7	25.6	26.1	26.6	C	26.2	27.0								
3515	27.8	28.4	28.1	D	25.8	26.5	26.8	28.8	C	28.4	28.7	28.4	28.1	M						
3516	25.8	C	C	23.2	28.2	C	27.5	30.4	28.8	C	22.3	24.3	24.9	24.9	23.6	C	C			
3517	25.0	26.3	26.0	24.4	25.4	25.5	24.9	24.1	24.0	24.5	25.2									
3518	25.6	S	D	26.1	26.6	25.6	C	25.3	27.7	25.1	24.7	25.1	24.4	25.3						
3519	24.9	24.7	C	C	24.5	25.1	26.8	25.4	25.6	C	24.8	23.9	24.3	23.7						
3520	23.0	24.8	23.4	24.2	23.7	23.0	22.8	22.9	17.4	24.2	24.0									
3521	22.8	23.0	23.2	C	23.6	22.7	C	24.0	22.3	23.5	C	21.4	22.4	21.7						
3522	23.5	D	23.1	23.6	23.8	23.6	22.2	24.2	24.5	22.4	23.6	24.0	C	C	C	C				
3523	22.3	C	Z	25.1	C	24.2	M	26.8	15.0	M	C	C	22.6	25.1	22.8	24.7	C	14.0		
3524	27.8	C	C	28.9	C	C	30.9	C	30.9	C	28.9	27.0	25.4	25.2	26.5	C	27.9	26.4		
3525	23.9	22.4	26.9	C	25.6	22.0	24.4	20.3	C	C	27.0	21.0	25.6	C	23.8					
3526	22.7	26.4	26.9	C	21.5	D	22.6	19.0	22.1	C	21.3	21.8	C	C	22.7					

MEAN	24.8
S.D.	1.85
N	23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 14

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4501	22.3	23.4	22.2	22.1	22.4	C	22.9	22.1	21.8	C	22.0	21.2	C	22.6						
4502	24.6	C	C	26.3	18.2	25.7	26.4	C	23.2	C	26.9	24.6	24.6	25.3	C	25.2				
4503	28.8	30.9	M	C	C	30.2	30.1	28.8	C	28.1	28.6	29.7	25.5	28.0	27.8	C	C	C	M	
4504	25.2	C	25.8	25.1	25.6	27.4	C	C	27.0	C	C	22.4	C	C	C	24.9	21.9	25.6	26.3	
4505	23.3	23.7	22.9	23.4	24.9	22.3	C	22.0	C	23.2	22.9	23.4	23.9							
4506	24.7	24.8	24.1	25.3	25.0	25.7	24.6	23.4	25.9	24.6	23.4									
4507	26.4	27.3	27.1	26.2	26.3	26.4	C	C	26.9	26.8	24.7	25.5	26.4							
4508	21.4	S	20.2	C	C	22.4	24.2	22.1	22.3	C	19.1	M	18.9	C	21.7	21.8	21.2			
4509	20.1	21.5	16.6	21.8	C	21.4	20.2	C	C	20.7	19.8	20.0	17.8	20.8						
4510	24.8	C	25.9	22.3	26.5	25.7	24.4	24.9	25.4	C	24.9	C	C	22.9	24.9	C				
4511	24.7	24.6	25.2	C	C	24.6	25.0	24.6	C	C	26.0	24.4	C	23.9	24.6	23.8	C			
4512	24.6	25.8	24.9	23.4	C	25.5	C	C	20.6	26.2	23.8	26.6	24.4	24.4						
4513	NOT PREG., NO MATING DATE																			
4514	NOT PREGNANT																			
4515	26.4	C	C	25.9	C	27.5	26.8	27.0	26.9	27.4	27.5	C	26.9	24.6	23.2					
4516	19.8	20.7	17.4	M	19.4	21.0	M	19.2	19.6	20.0	20.6	20.9	19.1	C						
4517	21.4	21.2	D	25.4	25.0	C	17.8	23.8	19.6	23.6	14.4	19.8	23.2	C						
4518	26.4	28.0	28.6	27.3	25.7	24.4	24.3													
4519	26.5	26.1	25.5	28.1	27.0	25.4	M	25.3	27.2	26.5	M	27.7								
4520	25.1	26.2	25.8	24.0	24.2															
4521	25.8	D	C	27.1	26.5	25.7	27.4	C	C	C	26.5	24.7	24.2	26.1	26.9	23.3				
4522	27.3	27.4	C	27.8	28.2	27.8	27.7	C	26.2	26.9	26.4	28.6	26.4							
4523	23.4	C	21.8	24.3	26.0	C	22.7	C	24.3	23.0	20.0	C	20.5	C	C	25.6	25.7			
4524	23.3	S	S	C	C	C	23.9	26.0	22.6	23.7	24.3	21.6	23.3	22.6	21.1	23.4				
4525	22.3	23.2	22.2	22.9	22.1	22.2	C	23.4	22.3	21.0	22.1	21.5								
4526	24.7	25.2	25.2	C	25.8	25.8	23.1	25.2	24.7	24.9	24.1	22.7								

MEAN 24.3
S.D. 2.27
N 24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1501	36.1	C	37.1	C	C	C	C	36.7	33.4	38.9	C	34.0	34.8	37.8	38.0	33.7	36.7			
1502	39.2	C	42.2	D	38.0	40.4	C	C	C	41.1	40.6	C	37.4	41.7	C	40.2	38.3	31.7		
1503	36.4	39.5	40.2	37.4	36.3	33.6	35.3	36.4	33.1	36.4	35.8									
1504	40.1	38.1	C	C	40.3	42.3	42.7	38.3	M	C	39.7	40.3	39.4	40.2						
1505	40.1	39.7	40.9	C	39.6	40.0	39.8	38.6	41.1	41.4	38.3	41.5	C							
1506	40.9	39.8	38.7	39.9	44.1	42.2	C	C	C	C	41.9	41.6	40.6	40.7	39.1	C				
1507	NOT PREGNANT																			
1508	42.3	39.8	C	42.5	43.6	40.2	44.5	41.9	45.0	39.5	42.0	44.2								
1509	NOT PREGNANT																			
1510	40.9	C	41.7	42.7	C	C	C	38.7	42.0	41.1	43.9	38.4	44.3	38.0	38.5					
1511	35.3	35.6	C	33.3	34.0	M	36.9	37.8	C	35.5	C	33.4	36.2	C	37.8	32.2				
1512	38.6	39.3	35.3	39.9	42.9	C	37.8	37.8	C	C	37.7	38.1	39.2	37.6						
1513	33.0	34.4	30.9	34.5	C	C	C	31.1	D	C	C	29.4	C	34.3	30.7	34.5	37.6	C		
1514	NOT PREGNANT																			
1515	NOT PREGNANT																			
1516	42.2	41.2	44.7	C	C	39.1	43.9	40.2	44.2	42.0	42.0	43.0	41.2							
1517	37.6	C	38.3	40.5	39.1	C	C	C	39.2	37.3	C	35.7	35.5	36.0	37.2	37.6				
1518	36.1	34.8	35.6	35.9	37.4	C	C	36.3	C	33.9	38.8	C	35.8	C	C	34.7	37.5			
1519	38.3	C	35.4	C	36.2	38.9	38.5	42.2	38.5	40.6	36.5	37.8	38.9							
1520	NOT PREGNANT																			
1521	39.0	38.9	M	40.3	42.7	38.1	39.4	C	36.8	C	39.7	36.2	40.1	C	37.3					
1522	35.2	35.1	33.3	34.4	C	33.9	38.3	C	C	34.4	35.4	36.9	36.9	33.8						
1523	46.3	47.0	43.5	47.3	47.3															
1524	38.0	39.1	37.0	40.0	41.4	36.6	33.6	37.5	36.3	42.2	C	C	C	C	36.3					
1525	39.3	40.5	43.5	36.0	37.0	36.6	37.0	41.4	C	38.9	M	41.7	C	39.9						
1526	45.3	42.8	C	C	50.9	41.9	48.3	C	51.1	43.6	C	45.2	40.8	45.0	43.6					

MEAN 39.1
S.D. 3.27
N 21

PUP STATUS CODES: D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2501	39.1	39.0	40.4	39.3	41.6	39.9	37.3	39.6	37.9	37.3										
2502	44.0	40.6	44.4	C	49.1	42.3	44.5	C	44.4	C	43.7	43.3	45.3	C	42.5					
2503	38.9	39.7	40.4	38.7	39.6	39.0	42.5	34.2	39.5	36.4	38.8	C	C							
2504	51.1	53.4	47.5	49.7	53.8															
2505	34.7	38.8	35.0	31.9	35.1	32.8	35.6	35.0	36.0	32.6	34.5									
2506	40.3	D	41.1	42.4	43.9	41.2	39.4	C	39.0	C	42.1	39.6	37.6	C	36.4					
2507	42.4	38.9	C	40.3	46.3	41.5	45.3	C	42.5	C	C	44.5	40.9	42.2	41.4					
2508	38.5	37.5	37.0	42.0	37.4	C	C	39.0	38.6	C	C	38.2	40.3	39.6	35.9					
2509	39.8	S	37.0	C	C	C	C	39.3	39.0	39.8	40.6	C	40.4	45.4	36.9	43.1	36.8			
2510	40.7	40.8	34.2	49.9	38.7	43.3	C	C	40.5	37.4	42.8	45.8	33.3							
2511	43.4	36.8	46.2	45.7	46.7	44.2	C	39.6	46.7	38.9	45.4	C	C	43.9						
2512	34.8	34.5	38.0	35.4	33.4	34.0	34.7	34.8	32.7	C	C	36.8	33.5							
2513	NOT PREGNANT																			
2514	NOT PREGNANT																			
2515	41.6	42.1	43.4	38.1	42.6	42.0	C	C	42.4	43.5	44.6	39.7	37.5							
2516	NOT PREGNANT																			
2517	30.5	28.7	30.3	32.7	30.0	32.8	30.0	28.2	30.9	29.9	C	31.5								
2518	39.9	42.6	38.2	39.0	42.1	40.4	40.0	37.7	39.2											
2519	31.1	32.0	28.3	30.2	34.0	33.1	C	32.2	29.7	30.1	C	30.8	30.6							
2520	42.5	41.8	42.2	45.0	43.3	42.3	41.7	42.6	42.5	41.1										
2521	46.4	47.3	49.9	45.9	46.1	42.9														
2522	39.9	C	42.4	35.5	39.8	38.8	40.3	39.5	41.0	41.3	39.1	41.2								
2523	35.6	S	34.8	34.2	33.4	37.5	37.1	C	34.6	37.0	36.5	38.1	33.0							
2524	NOT PREGNANT																			
2525	38.6	33.9	36.4	C	C	C	40.9	38.7	39.2	C	42.1	37.9	41.1	38.4	37.5					
2526	NOT PREGNANT																			

MEAN 39.7
S.D. 4.77
N 21

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3501	37.5	39.9	C	35.7	C	C	C	C	C	40.3	38.5	39.3	34.8	C	C	35.3	37.7	36.3	37.1	
3502	NOT PREGNANT																			
3503	42.7	44.2	C	C	42.0	45.7	44.0	39.0	40.3	44.5	38.7	42.7	45.7							
3504	NOT PREGNANT																			
3505	37.4	D	39.6	D	M	34.7	32.5	D	39.7	36.1	C	36.1	35.9	D	42.6	C	39.0			
3506	NOT PREGNANT																			
3507	34.6	25.3	33.8	35.5	C	C	36.2	38.4	33.7	C	C	38.3	37.0	33.1	34.5	C				
3508	42.1	D	44.1	42.2	41.1	43.5	44.5	37.2												
3509	35.9	C	33.2	32.7	39.0	C	40.0	C	36.2	C	C	C	C	38.4	38.2	33.8	32.2	34.9		
3510	42.0	43.3	41.3	44.0	42.0	42.2	39.2													
3511	40.8	42.2	37.4	39.9	41.5	C	40.0	C	43.4	36.8	43.0	42.6	D	C	40.8					
3512	41.9	44.6	46.8	45.6	44.5	42.1	35.6	C	C	39.3	40.6	39.0	40.9	C	C	C				
3513	36.7	37.8	C	37.4	37.5	36.0	C	37.8	36.0	C	C	C	C	36.0	37.6	34.1	36.8	C		
3514	41.6	36.5	46.7	35.5	43.7	41.4	42.0	39.9	44.1	C	43.6	42.3								
3515	41.7	42.8	44.9	D	38.9	39.9	42.0	42.7	C	40.2	41.7	42.0	41.6	M						
3516	39.5	C	C	37.2	44.5	C	43.5	48.6	42.8	C	33.7	34.1	37.5	37.2	35.9	C	C			
3517	37.8	40.9	40.5	35.2	38.8	37.2	37.5	38.4	34.6	37.0	37.4									
3518	39.4	S	D	41.1	37.6	39.7	C	41.0	40.0	37.1	39.4	39.7	39.0	39.5						
3519	42.9	42.8	C	C	43.9	44.5	44.4	42.8	42.6	C	43.6	42.3	41.1	40.7						
3520	37.8	39.6	40.9	39.7	40.5	37.4	37.7	34.3	29.1	37.6	40.7									
3521	34.8	35.1	34.7	C	36.5	35.0	C	38.1	33.8	35.6	C	32.3	34.7	32.2						
3522	35.5	D	34.8	33.7	35.8	36.6	33.0	36.0	37.0	32.5	36.4	38.9	C	C	C	C				
3523	37.0	C	Z	40.8	C	38.5	M	43.3	Z	M	C	C	36.9	41.0	36.8	38.8	C	19.9		
3524	44.4	C	C	47.3	C	C	47.9	C	49.2	C	45.9	41.9	42.7	40.4	42.5	C	42.9	43.0		
3525	34.5	31.3	39.2	C	35.6	32.2	35.7	29.1	C	C	39.7	31.8	35.3	C	34.7					
3526	35.3	39.6	40.1	C	31.6	D	36.5	32.1	33.4	C	34.8	34.6	C	C	35.4					

MEAN	38.8
S.D.	3.10
N	23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 21

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4501	36.4	38.4	35.0	35.5	38.2	C	36.7	38.0	35.9	C	36.0	33.1	C	37.6						
4502	40.4	C	C	42.2	25.4	46.2	44.4	C	39.0	C	43.2	39.1	41.5	41.3	C	41.6				
4503	44.1	48.9	M	C	C	44.9	45.0	41.7	C	44.2	43.0	46.8	38.7	42.8	44.7	C	C	C	M	
4504	40.0	C	41.0	40.1	40.4	43.3	C	C	41.4	C	C	37.4	C	C	C	40.1	34.7	38.8	42.9	
4505	38.3	38.9	39.7	37.6	42.0	38.0	C	37.6	C	38.2	35.4	38.4	36.8							
4506	36.9	36.5	35.8	38.2	36.4	39.9	37.0	35.8	36.0	39.4	34.4									
4507	43.3	45.5	44.5	40.8	44.0	43.7	C	C	43.0	45.7	41.4	40.6	43.7							
4508	34.2	S	31.5	C	C	33.9	37.4	35.2	36.3	C	30.2	M	31.5	C	34.2	35.5	36.4			
4509	28.0	29.5	22.9	30.5	C	29.5	28.4	C	C	29.1	27.0	29.8	24.7	28.4						
4510	40.1	C	42.9	37.2	43.5	40.7	40.2	40.2	39.5	C	40.5	C	C	35.8	40.4	C				
4511	35.7	35.3	37.5	C	C	37.0	36.1	35.3	C	C	34.5	36.2	C	36.0	34.4	34.5	C			
4512	37.4	37.0	38.0	37.7	C	39.4	C	C	29.3	38.8	36.0	43.3	37.1	37.1						
4513	NOT PREG., NO MATING DATE																			
4514	NOT PREGNANT																			
4515	39.2	C	C	38.7	C	41.4	40.5	39.9	42.4	38.9	40.4	C	41.9	36.3	31.7					
4516	31.4	32.1	27.6	M	28.1	33.1	M	29.2	31.8	34.6	31.5	36.5	29.3	C						
4517	34.7	34.5	D	39.5	42.3	C	31.6	37.1	30.7	35.0	26.2	31.2	38.6	C						
4518	43.0	44.2	47.0	46.6	42.9	36.6	40.4													
4519	41.1	41.0	38.7	43.5	43.4	39.0	M	38.6	42.3	40.9	M	42.6								
4520	40.6	42.8	43.0	38.4	38.3															
4521	40.6	D	C	42.5	40.2	40.2	42.2	C	C	C	40.4	39.1	39.4	40.6	43.5	37.8				
4522	47.3	50.1	C	47.9	51.0	48.0	48.6	C	40.3	46.5	45.1	48.7	47.0							
4523	37.8	C	32.4	40.9	43.9	C	36.9	C	39.5	35.1	32.5	C	33.4	C	C	40.9	42.2			
4524	34.2	S	S	C	C	C	32.5	38.6	35.6	33.6	35.7	32.7	32.9	36.6	30.3	33.4				
4525	36.4	36.6	40.3	35.9	35.4	37.6	C	38.4	38.0	33.1	34.1	34.9								
4526	42.2	45.3	41.8	C	44.6	44.6	39.3	41.9	44.9	44.5	36.8	38.5								

MEAN 38.5
S.D. 4.29
N 24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP I 0 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1501	71.3	C	74.5	C	C	C	C	72.8	67.3	76.7	C	71.1	67.8	71.9	74.7	65.5	70.6			
1502	74.5	C	79.2	D	74.8	81.4	C	C	C	79.1	78.1	C	67.8	76.9	C	74.3	70.5	62.8		
1503	71.3	76.8	79.6	73.8	72.6	68.6	68.0	67.1	63.6	72.7	70.6									
1504	70.8	66.8	C	C	69.9	72.1	75.7	68.7	M	C	67.0	73.9	70.9	72.0						
1505	70.4	72.6	70.0	C	70.8	71.1	69.6	69.3	74.4	67.9	67.9	69.9	C							
1506	76.6	72.9	79.2	81.0	83.9	78.4	C	C	C	C	76.0	75.7	73.1	75.1	71.1	C				
1507	NOT PREGNANT																			
1508	78.8	73.4	C	79.8	83.5	75.2	85.0	77.3	80.9	73.6	74.8	84.9								
1509	NOT PREGNANT																			
1510	77.9	C	78.5	80.8	C	C	C	76.4	81.5	81.2	84.2	73.7	81.6	69.5	71.5					
1511	68.9	71.8	C	66.1	66.2	M	73.6	75.4	C	66.4	C	67.1	68.4	C	71.7	62.7				
1512	71.4	74.5	71.8	74.1	76.4	C	68.8	68.9	C	C	72.7	69.1	69.6	68.3						
1513	62.7	67.4	58.5	66.6	C	C	C	62.3	D	C	C	55.9	C	63.4	57.0	64.0	68.8	C		
1514	NOT PREGNANT																			
1515	NOT PREGNANT																			
1516	75.0	77.4	78.2	C	C	73.7	77.2	73.6	74.2	75.8	74.5	76.5	69.2							
1517	72.6	C	77.9	79.1	72.1	C	C	C	75.0	75.7	C	70.3	66.3	68.2	69.4	71.5				
1518	69.2	66.1	66.1	77.7	78.2	C	C	69.6	C	66.7	70.1	C	65.5	C	C	63.2	68.3			
1519	73.7	C	75.0	C	73.0	78.8	77.0	80.6	71.8	76.5	67.6	67.3	69.6							
1520	NOT PREGNANT																			
1521	74.5	71.9	M	78.4	81.5	73.5	76.4	C	67.0	C	74.2	74.5	74.0	C	73.6					
1522	69.3	77.4	69.0	70.7	C	64.9	75.2	C	C	66.1	69.9	72.6	70.0	57.2						
1523	86.9	92.2	81.1	88.1	86.4															
1524	75.1	82.5	77.4	79.4	79.3	71.7	68.5	70.6	69.0	81.1	C	C	C	C	71.6					
1525	73.6	77.0	84.1	69.9	71.2	67.5	69.1	73.0	C	74.8	M	76.1	C	73.5						
1526	77.8	73.0	C	C	82.4	76.7	83.4	C	86.3	80.3	C	75.3	71.8	76.9	71.9					

MEAN 73.4
S.D. 4.85
N 21

PUP STATUS CODES: D-DIED C-CULLED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP II 2000 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2501	74.4	78.4	76.1	74.8	79.2	80.3	68.0	75.8	68.9	67.8										
2502	82.3	80.4	82.6	C	91.8	79.6	87.5	C	79.7	C	80.5	78.2	82.7	C	79.9					
2503	73.9	75.5	80.1	76.0	74.0	71.9	79.3	67.2	74.7	69.8	71.0	C	C							
2504	88.4	94.2	81.2	87.2	90.8															
2505	69.8	79.5	73.0	63.2	69.5	68.1	72.8	68.8	66.2	67.6	69.8									
2506	78.0	D	81.6	84.4	88.5	82.7	75.7	C	73.7	C	74.9	74.0	73.5	C	71.0					
2507	78.5	73.1	C	77.9	82.6	83.7	83.7	C	77.5	C	C	78.4	77.3	D	72.6					
2508	73.8	70.9	72.1	82.0	76.8	C	C	76.9	74.4	C	C	71.9	72.6	73.3	67.1					
2509	77.9	S	77.0	C	C	C	C	78.0	80.3	79.3	78.7	C	82.8	82.6	72.4	77.1	71.3			
2510	76.8	77.4	71.1	92.6	75.6	78.3	C	C	80.9	71.4	77.1	79.7	64.2							
2511	83.7	80.0	91.9	87.7	95.6	90.6	C	73.7	82.6	73.1	83.7	C	C	78.2						
2512	67.6	70.2	73.9	67.8	67.4	65.7	71.3	63.9	63.5	C	C	66.6	65.7							
2513	NOT PREGNANT																			
2514	NOT PREGNANT																			
2515	81.9	86.6	84.3	83.2	80.5	81.0	C	C	82.2	85.7	83.7	75.2	76.9							
2516	NOT PREGNANT																			
2517	61.2	53.2	60.6	68.2	62.8	68.6	64.3	55.0	58.9	57.6	C	62.6								
2518	77.6	78.0	73.7	81.4	84.3	80.6	75.1	74.1	73.9											
2519	58.5	62.1	55.0	56.5	64.0	62.8	C	57.5	57.5	53.3	C	59.0	57.7							
2520	82.0	83.9	84.5	86.1	84.7	80.8	77.6	81.9	79.1	79.1										
2521	87.3	92.2	98.4	83.7	85.3	77.0														
2522	76.0	C	80.8	73.2	75.9	79.4	75.4	74.7	74.8	77.7	73.3	74.4								
2523	71.8	S	71.8	69.3	68.0	73.6	77.6	C	68.1	72.6	73.4	77.4	65.9							
2524	NOT PREGNANT																			
2525	69.0	61.0	68.0	C	C	C	73.4	70.5	67.9	C	78.7	66.3	71.5	69.4	63.4					
2526	NOT PREGNANT																			

MEAN 75.7
S.D. 7.67
N 21

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP III 10000 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3501	73.7	80.6	C	73.0	C	C	C	C	C	80.3	77.0	75.6	68.4	C	C	71.3	72.5	68.9	69.2	
3502	NOT PREGNANT																			
3503	83.6	87.9	C	C	81.7	89.1	88.6	77.0	81.4	85.9	76.2	80.6	87.5							
3504	NOT PREGNANT																			
3505	73.8	D	77.7	D	M	72.1	65.4	D	77.3	71.9	C	73.3	70.2	D	80.6	C	75.6			
3506	NOT PREGNANT																			
3507	66.9	52.7	69.8	71.0	C	C	67.9	73.1	65.3	C	C	71.6	69.2	63.0	65.7	C				
3508	77.0	D	84.4	80.7	68.3	82.3	81.4	64.7												
3509	70.3	C	70.6	67.9	73.8	C	77.4	C	74.7	C	C	C	C	71.4	71.1	63.0	64.2	68.6		
3510	78.6	82.9	82.9	79.2	75.9	76.0	74.5													
3511	80.7	82.9	80.8	78.7	83.1	C	81.1	C	81.5	72.2	88.5	81.5	D	C	76.8					
3512	77.8	82.2	93.0	84.3	83.9	76.1	68.6	C	C	72.7	74.7	70.9	71.6	C	C	C				
3513	75.3	77.3	C	77.4	86.9	76.5	C	75.9	67.1	C	C	C	C	76.4	73.7	68.4	73.6	C		
3514	80.1	74.3	90.5	70.2	85.8	79.3	79.8	77.6	79.5	C	82.9	80.9								
3515	77.9	81.4	84.8	D	76.2	73.8	77.3	76.0	C	77.7	79.2	77.2	75.6	M						
3516	77.3	C	C	72.1	83.6	C	89.9	94.8	82.9	C	66.0	67.4	75.7	69.7	70.5	C	C			
3517	69.8	77.8	74.6	67.2	71.0	74.5	69.0	67.7	61.8	67.9	66.8									
3518	75.4	S	D	78.7	78.7	71.7	C	79.2	81.4	71.9	73.1	75.7	70.9	73.2						
3519	78.9	80.0	C	C	84.2	81.8	80.5	79.1	80.2	C	78.5	76.3	70.6	77.4						
3520	70.8	77.6	79.4	75.9	74.4	69.5	72.8	56.4	57.2	70.4	74.1									
3521	70.2	71.8	72.6	C	75.8	74.3	C	76.9	68.3	73.3	C	61.2	64.5	63.4						
3522	67.8	D	68.2	73.3	67.3	73.2	62.9	67.6	66.4	59.3	65.5	74.7	C	C	C	C				
3523	69.2	C	Z	79.8	C	75.4	M	83.5	Z	M	C	C	65.3	78.4	68.6	72.9	C	29.7		
3524	84.7	C	C	91.2	C	C	95.6	C	93.3	C	89.3	85.3	81.7	70.0	81.9	C	77.5	81.2		
3525	68.3	63.8	76.6	C	69.8	63.1	73.6	59.3	C	C	78.3	62.2	69.0	C	67.0					
3526	67.0	73.6	80.0	C	67.1	D	65.9	60.5	63.3	C	66.5	62.6	C	C	63.6					

MEAN	74.6
S.D.	5.34
N	23

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED M-MISSING

APPENDIX U F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP BODY WEIGHTS (GRAMS)

GROUP IV 20000 MG/M3 LACTATION DAY 28

FEMALE#	MEAN	PUP# 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4501	72.9	75.8	71.8	73.2	79.2	C	77.0	71.8	71.5	C	68.7	65.2	C	74.9						
4502	73.2	C	C	79.6	44.4	86.3	79.1	C	76.4	C	75.3	70.7	72.5	73.7	C	73.8				
4503	77.6	89.3	M	C	C	79.8	81.1	74.5	C	79.9	74.0	78.9	68.8	73.4	76.7	C	C	C	M	
4504	75.8	C	75.3	80.2	77.7	83.7	C	C	82.3	C	C	67.6	C	C	C	77.1	66.4	71.7	75.6	
4505	70.6	73.0	74.5	71.3	75.1	70.5	C	67.2	C	70.3	68.3	68.4	67.1							
4506	73.8	74.0	73.8	76.7	75.1	78.0	71.4	69.5	73.6	75.6	70.4									
4507	78.6	83.5	83.8	76.1	82.5	77.6	C	C	78.9	81.4	73.1	73.6	75.0							
4508	67.7	S	64.3	C	C	68.5	74.5	71.8	71.8	C	59.8	M	60.3	C	65.1	69.6	71.4			
4509	55.3	61.6	43.5	61.5	C	60.3	56.5	C	C	56.4	53.3	56.6	45.0	58.5						
4510	75.6	C	85.4	71.2	82.4	75.3	81.7	75.1	75.6	C	72.9	C	C	66.2	70.6	C				
4511	70.5	72.9	74.2	C	C	73.9	72.0	68.0	C	C	70.2	69.2	C	70.0	68.5	66.5	C			
4512	73.8	75.7	75.4	73.9	C	81.6	C	C	55.9	77.8	67.1	82.5	72.0	75.7						
4513	NOT PREG., NO MATING DATE																			
4514	NOT PREGNANT																			
4515	74.6	C	C	71.7	C	80.8	83.9	70.0	80.0	74.9	76.7	C	76.9	71.8	58.9					
4516	61.3	65.8	52.0	M	61.3	64.7	M	56.8	64.3	62.2	61.5	68.8	55.9	C						
4517	60.1	61.8	D	70.2	70.2	C	48.3	68.1	55.6	61.6	46.0	53.9	64.9	C						
4518	77.1	82.1	83.6	80.5	78.8	66.3	71.1													
4519	83.4	99.9	80.1	85.2	85.3	81.4	M	75.3	80.2	80.1	M	82.9								
4520	71.1	74.1	74.2	66.7	69.2															
4521	76.1	D	C	84.2	78.2	73.2	76.9	C	C	C	78.3	76.2	71.0	75.1	80.5	66.9				
4522	81.9	90.2	C	82.6	91.7	82.4	88.0	C	72.0	76.9	77.1	80.8	77.5							
4523	70.5	C	67.0	78.4	80.2	C	71.8	C	73.9	63.9	61.4	C	61.0	C	C	70.8	76.5			
4524	67.2	S	S	C	C	C	69.0	77.3	72.0	64.8	69.8	59.8	65.3	68.7	62.5	62.4				
4525	67.6	69.4	72.7	68.7	62.2	68.8	C	67.5	71.4	63.5	D	64.2								
4526	74.3	79.6	75.5	C	80.6	79.6	71.2	74.3	75.4	76.9	61.8	67.6								

MEAN	72.1
S.D.	6.58
N	24

PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED M-MISSING

APPENDIX V F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

POSTWEANING DEVELOPMENTAL LANDMARKS - INDIVIDUAL PREPUTIAL SEPARATION

I			II			III			IV		
ANIMAL#	DAY	WEIGHT(g)	ANIMAL#	DAY	WEIGHT(g)	ANIMAL#	DAY	WEIGHT(g)	ANIMAL#	DAY	WEIGHT(g)
1001	47	218.9	2001	44	209.4	3001	44	203.6	4001	44	209.7
1002	47	203.8	2002	48	233.3	3002	48	259.2	4002	45	208.7
1003	48	247.2	2003	43	199.1	3003	47	222.0	4003	48	246.7
1004	48	232.7	2004	52	227.1	3004	42	207.3	4004	43	214.4
1005	46	216.5	2005	49	211.5	3005	45	211.9	4005	49	251.1
1006	46	218.0	2006	53	289.9	3006	43	214.5	4006	46	225.1
1007	42	197.6	2007	52	265.6	3007	44	232.6	4007	45	211.5
1008	44	217.8	2008	44	196.7	3008	45	231.0	4008	48	218.5
1009	44	227.2	2009	42	206.4	3009	44	243.2	4009	43	207.9
1010	46	223.3	2010	46	218.0	3010	46	228.8	4010	47	261.6
1011	48	247.7	2011	44	208.8	3011	46	209.7	4011	46	196.2
1012	46	214.4	2012	47	201.0	3012	48	243.8	4012	46	201.7
1013	46	229.2	2013	44	208.3	3013	49	220.6	4013	49	255.5
1014	46	216.4	2014	48	217.8	3014	45	214.8	4014	47	222.8
1015	48	258.0	2015	44	235.2	3015	46	209.7	4015	49	259.7
1016	44	223.7	2016	44	205.0	3016	50	269.1	4016	48	188.7
1017	45	196.7	2017	41	208.2	3017	47	239.6	4017	44	215.0
1018	44	203.6	2018	46	220.2	3018	46	209.4	4018	48	221.4
1019	44	205.8	2019	47	235.4	3019	47	230.8	4019	43	202.1
1020	51	263.9	2020	44	225.3	3020	45	220.8	4020	53	258.8
1021	46	207.1	2021	44	222.1	3021	44	215.8	4021	50	260.1
1022	45	218.2	2022	51	274.4	3022	43	201.3	4022	48	223.4
1023	49	224.7	2023	47	222.2	3023	50	242.2	4023	49	265.9
1024	46	225.3	2024	48	227.0	3024	43	219.9	4024	46	202.1
1025	51	214.5	2025	52	295.4	3025	45	222.0	4025	46	221.4
1026	43	207.1	2026	48	237.1	3026	47	217.8	4026	46	209.4
MEAN	46.2	221.5		46.6	226.9		45.7	224.7		46.8	225.4
S.D.	2.2	17.2		3.4	26.7		2.1	16.8		2.4	23.6
N	26	26		26	26		26	26		26	26

APPENDIX V F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

POSTWEANING DEVELOPMENTAL LANDMARKS - INDIVIDUAL VAGINAL OPENING

I			II			III			IV		
ANIMAL#	DAY	WEIGHT(g)	ANIMAL#	DAY	WEIGHT(g)	ANIMAL#	DAY	WEIGHT(g)	ANIMAL#	DAY	WEIGHT(g)
1501	35	117.7	2501	37	141.7	3501	37	126.9	4501	37	122.3
1502	35	116.1	2502	43	166.2	3502	33	110.8	4502	36	121.0
1503	42	124.5	2503	35	98.1	3503	34	115.3	4503	37	138.8
1504	36	117.3	2504	38	114.1	3504	36	135.1	4504	36	128.2
1505	38	121.1	2505	42	156.1	3505	37	128.6	4505	37	128.4
1506	39	128.0	2506	33	100.9	3506	37	125.3	4506	37	111.5
1507	36	124.0	2507	36	119.1	3507	36	124.5	4507	36	125.1
1508	42	159.9	2508	38	125.6	3508	33	110.9	4508	37	117.8
1509	42	151.1	2509	36	134.9	3509	36	136.4	4509	33	106.0
1510	34	115.0	2510	36	125.2	3510	41	138.2	4510	35	130.3
1511	40	140.7	2511	33	103.6	3511	37	141.8	4511	39	132.1
1512	44	157.4	2512	40	115.9	3512	36	114.0	4512	36	118.9
1513	36	117.4	2513	36	130.2	3513	43	170.0	4513	33	100.6
1514	37	111.9	2514	33	115.6	3514	32	105.7	4514	36	115.5
1515	36	112.3	2515	38	134.8	3515	40	147.0	4515	36	121.2
1516	38	121.4	2516	32	104.8	3516	35	133.9	4516	36	99.0
1517	36	124.2	2517	37	118.5	3517	38	135.9	4517	35	119.5
1518	36	131.8	2518	39	147.5	3518	38	148.9	4518	35	116.3
1519	36	122.0	2519	37	122.2	3519	37	122.4	4519	34	111.2
1520	41	117.1	2520	36	118.6	3520	37	129.1	4520	39	114.6
1521	37	113.1	2521	38	134.2	3521	37	141.1	4521	37	117.7
1522	36	122.0	2522	40	134.5	3522	37	142.1	4522	37	116.9
1523	36	121.4	2523	36	107.0	3523	38	130.3	4523	36	120.5
1524	39	138.8	2524	39	153.8	3524	37	152.6	4524	41	138.7
1525	34	111.5	2525	34	106.6	3525	32	98.9	4525	37	115.7
1526	35	126.6	2526	35	117.7	3526	38	132.8	4526	37	129.8
MEAN	37.5	125.6		36.8	124.9		36.6	130.7		36.3	119.9
S.D.	2.8	13.5		2.7	17.9		2.5	15.8		1.7	10.0
N	26	26		26	26		26	26		26	26

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1051	KIDNEY	DILATED RENAL PELVIS; SLIGHT; RIGHT
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
1052		NO REMARKABLE OBSERVATIONS
1053		NO REMARKABLE OBSERVATIONS
1054		NO REMARKABLE OBSERVATIONS
1055	KIDNEY	DILATED RENAL PELVIS; MODERATE; LEFT
1056	KIDNEY	DILATED RENAL PELVIS; EXTREME; RIGHT
1057	KIDNEY	DILATED RENAL PELVIS; EXTREME; RIGHT
1058	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
1059	EXTERNAL EXAM	EAR(S) SWOLLEN BILATERAL, RED EXTERNAL FINDING CONFIRMED TISSUE SAVED
1060		NO REMARKABLE OBSERVATIONS
1061		NO REMARKABLE OBSERVATIONS
1062		NO REMARKABLE OBSERVATIONS
1063		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1064		NO REMARKABLE OBSERVATIONS
1065		NO REMARKABLE OBSERVATIONS
1066	GROSS EXAM	DISCOLORED LYMPH NODE(S); MODERATE SUBMANDIBULAR TISSUE SAVED
1067		NO REMARKABLE OBSERVATIONS
1068		NO REMARKABLE OBSERVATIONS
1069		NO REMARKABLE OBSERVATIONS
1070		NO REMARKABLE OBSERVATIONS
1071	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
1072		NO REMARKABLE OBSERVATIONS
1073	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	PROSTATE	DISCOLORED; SLIGHT; LEFT UPPER PART OF THE LOBE, 0.1 X 0.3 CM, BROWN
1074	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
1075	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1076		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2051		NO REMARKABLE OBSERVATIONS
2052		NO REMARKABLE OBSERVATIONS
2053		NO REMARKABLE OBSERVATIONS
2054		NO REMARKABLE OBSERVATIONS
2055		NO REMARKABLE OBSERVATIONS
2056		NO REMARKABLE OBSERVATIONS
2057		NO REMARKABLE OBSERVATIONS
2058		NO REMARKABLE OBSERVATIONS
2059	GONADS	TESTE (S) SMALL; EXTREME; BILATERAL
	GONADS	EPIDIDYMIDE(S) SMALL; EXTREME; BILATERAL
2060		NO REMARKABLE OBSERVATIONS
2061	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	SCAB(S) SNOUT- EXTERNAL FINDING NOT CONFIRMED
2062		NO REMARKABLE OBSERVATIONS
2063	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
2064		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2065	KIDNEY	DILATED RENAL PELVIS; SLIGHT; RIGHT
2066		NO REMARKABLE OBSERVATIONS
2067		NO REMARKABLE OBSERVATIONS
2068	LIVER	DISCOLORED LIVER MEDIAN LOBE, TAN AREA, 0.7 CM IN DIAMETER
2069		NO REMARKABLE OBSERVATIONS
2070		NO REMARKABLE OBSERVATIONS
2071		NO REMARKABLE OBSERVATIONS
2072		NO REMARKABLE OBSERVATIONS
2073	KIDNEY	DILATED RENAL PELVIS; MODERATE; RIGHT
	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
2074		NO REMARKABLE OBSERVATIONS
2075		NO REMARKABLE OBSERVATIONS
2076		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3051	LUNGS	DISCOLORED FOCI; SLIGHT DIAPHRAGMATIC LOBE - 0.2 CM IN DIAMETER, RED AND LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
3052		NO REMARKABLE OBSERVATIONS
3053	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
3054	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - LESS THAN 0.1 CM IN DIAMETER, TAN DIAPHRAGMATIC LOBE - 0.1 CM IN DIAMETER, RED
3055		NO REMARKABLE OBSERVATIONS
3056	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - 0.1 CM IN DIAMETER, TAN
3057	KIDNEY	DILATED RENAL PELVIS; EXTREME; RIGHT
3058	KIDNEY	DILATED RENAL PELVIS; SLIGHT; RIGHT
3059	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
3060		NO REMARKABLE OBSERVATIONS
3061	EXTERNAL EXAM	YELLOW ANO-GENITAL STAINING EXTERNAL FINDING CONFIRMED

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3062	EXTERNAL EXAM	MASS EXTERNAL FINDING CONFIRMED MID-LATERAL, SUBCUTANEOUS, TAN, FIRM 0.5 CM IN DIAMETER TISSUE SAVED
3063		NO REMARKABLE OBSERVATIONS
3064		NO REMARKABLE OBSERVATIONS
3065	LUNGS	DISCOLORED FOCI ALL LOBES, TAN, 0.1 CM IN DIAMETER
3066		NO REMARKABLE OBSERVATIONS
3067		NO REMARKABLE OBSERVATIONS
3068	EXTERNAL EXAM	MISSING DIGIT; RIGHT FIRST DIGIT, FOREPAW TISSUE SAVED
3069		NO REMARKABLE OBSERVATIONS
3070		NO REMARKABLE OBSERVATIONS
3071		NO REMARKABLE OBSERVATIONS
3072		NO REMARKABLE OBSERVATIONS
3073		NO REMARKABLE OBSERVATIONS
3074	KIDNEY	DILATED RENAL PELVIS; SLIGHT; RIGHT

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3075		NO REMARKABLE OBSERVATIONS
3076		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4051	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
4052		NO REMARKABLE OBSERVATIONS
4053	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
4054		NO REMARKABLE OBSERVATIONS
4055		NO REMARKABLE OBSERVATIONS
4056		NO REMARKABLE OBSERVATIONS
4057	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
4058		NO REMARKABLE OBSERVATIONS
4059	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, TAN, 0.1CM IN DIAMETER
4060	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES - 0.1-0.2 CM IN DIAMETER, TAN
	KIDNEY	DILATED RENAL PELVIS; MODERATE; RIGHT
4061		NO REMARKABLE OBSERVATIONS
4062		NO REMARKABLE OBSERVATIONS
4063		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4064		NO REMARKABLE OBSERVATIONS
4065	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - 0.1 CM IN DIAMETER, TAN
4066		NO REMARKABLE OBSERVATIONS
4067	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
4068		NO REMARKABLE OBSERVATIONS
4069		NO REMARKABLE OBSERVATIONS
4070		NO REMARKABLE OBSERVATIONS
4071		NO REMARKABLE OBSERVATIONS
4072		NO REMARKABLE OBSERVATIONS
4073	EXTERNAL EXAM	SCAB(S) BEHIND RIGHT EAR EXTERNAL FINDING CONFIRMED TISSUE SAVED
4074		NO REMARKABLE OBSERVATIONS
4075		NO REMARKABLE OBSERVATIONS
4076		NO REMARKABLE OBSERVATIONS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP I 0 MG/M3

ANIMAL#		ORGAN	OBSERVATION
1551		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	ALOPECIA GENERAL EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	DIESTRUS
1552		EXTERNAL EXAM	DIESTRUS
1553		EXTERNAL EXAM	DIESTRUS
1554		EXTERNAL EXAM	DIESTRUS
1555		KIDNEY	DILATED RENAL PELVIS; MODERATE; RIGHT
		EXTERNAL EXAM	DIESTRUS
1556		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	DIESTRUS
1557		EXTERNAL EXAM	METESTRUS
1558		EXTERNAL EXAM	DIESTRUS
1559	NP	KIDNEY	DILATED RENAL PELVIS; EXTREME; RIGHT TISSUE SAVED
		EXTERNAL EXAM	DIESTRUS
1560		EXTERNAL EXAM	DIESTRUS
1561		EXTERNAL EXAM	DIESTRUS

NP=NOT PREGNANT

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP I 0 MG/M3

ANIMAL#		ORGAN	OBSERVATION
1562	NP	EXTERNAL EXAM	DIESTRUS
1563		EXTERNAL EXAM	DIESTRUS
1564		EXTERNAL EXAM	ESTRUS
1565	NP	EXTERNAL EXAM	DIESTRUS
1566		EXTERNAL EXAM	DIESTRUS
1567		EXTERNAL EXAM	DIESTRUS
1568		EXTERNAL EXAM	ESTRUS
1569		EXTERNAL EXAM	ESTRUS
1570		EXTERNAL EXAM	DIESTRUS
1571		EXTERNAL EXAM	DIESTRUS
1572		EXTERNAL EXAM	DIESTRUS
1573		LUNGS	DISCOLORED FOCI; SLIGHT LEFT LOBE, 0.1 CM IN DIAMETER, RED
		EXTERNAL EXAM	DIESTRUS
1574		EXTERNAL EXAM	DIESTRUS
1575		EXTERNAL EXAM	DIESTRUS
1576		EXTERNAL EXAM	DIESTRUS

NP=NOT PREGNANT

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP II 2000 MG/M3

ANIMAL#		ORGAN	OBSERVATION
2551		EXTERNAL EXAM	DIESTRUS
2552		EXTERNAL EXAM	DIESTRUS
2553		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	DIESTRUS
2554		EXTERNAL EXAM	ESTRUS
2555		EXTERNAL EXAM	DIESTRUS
2556		EXTERNAL EXAM	DIESTRUS
2557		EXTERNAL EXAM	DIESTRUS
2558		EXTERNAL EXAM	DIESTRUS
2559	NP	EXTERNAL EXAM	DIESTRUS
2560		LUNGS	DISCOLORED FOCI; SLIGHT DIAPHRAGMATIC LOBE - 0.1 CM IN DIAMETER, TAN
		EXTERNAL EXAM	ESTRUS
2561		EXTERNAL EXAM	ESTRUS
2562		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	DIESTRUS
2563		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	ALOPECIA GENERAL EXTERNAL FINDING CONFIRMED

NP=NOT PREGNANT

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP II 2000 MG/M3

ANIMAL#		ORGAN	OBSERVATION
2563	(CONTINUED)		
		EXTERNAL EXAM	ESTRUS
2564		EXTERNAL EXAM	DIESTRUS
2565		EXTERNAL EXAM	ESTRUS
2566		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	DIESTRUS
2567		EXTERNAL EXAM	DIESTRUS
2568	NP	EXTERNAL EXAM	ESTRUS
2569		EXTERNAL EXAM	DIESTRUS
2570		EXTERNAL EXAM	DIESTRUS
2571		EXTERNAL EXAM	ESTRUS
2572		EXTERNAL EXAM	DIESTRUS
2573		EXTERNAL EXAM	ESTRUS
2574		EXTERNAL EXAM	DIESTRUS
2575		EXTERNAL EXAM	DIESTRUS
2576		EXTERNAL EXAM	ESTRUS

NP=NOT PREGNANT

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP III 10000 MG/M3

ANIMAL#		ORGAN	OBSERVATION
3551		EXTERNAL EXAM	DIESTRUS
3552		UTERUS	OVIDUCT NODULE RIGHT - 0.2-0.3 CM IN DIAMETER, TAN, FIRM
		EXTERNAL EXAM	ESTRUS
3553		EXTERNAL EXAM	DIESTRUS
3554		EXTERNAL EXAM	DIESTRUS
3555		EXTERNAL EXAM	DIESTRUS
3556		EXTERNAL EXAM	MASS RIGHT, LOWER LATERAL, FIRM, TAN, 1.4 CM IN DIAMETER EXTERNAL FINDING CONFIRMED TISSUE SAVED
		EXTERNAL EXAM	DIESTRUS
3557	NP	EXTERNAL EXAM	ESTRUS
3558		LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, 0.1-0.2 CM IN DIAMETER, TAN
		EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	ALOPECIA GENERAL EXTERNAL FINDING CONFIRMED
		EXTERNAL EXAM	ESTRUS
3559		LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, 0.1-0.2 CM IN DIAMETER, TAN
		EXTERNAL EXAM	ESTRUS

NP=NOT PREGNANT

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3560	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	ALOPECIA GENERAL
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	ESTRUS
3561	EXTERNAL EXAM	ESTRUS
3562	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	ESTRUS
3563	EXTERNAL EXAM	DIESTRUS
3564	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
3565	EXTERNAL EXAM	DIESTRUS
3566	EXTERNAL EXAM	DIESTRUS
3567	EXTERNAL EXAM	DIESTRUS
3568	EXTERNAL EXAM	INCISORS MALOCCLUDED
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
3569	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3570	EXTERNAL EXAM	DIESTRUS
3571	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
3572	EXTERNAL EXAM	DIESTRUS
3573	EXTERNAL EXAM	DIESTRUS
3574	EXTERNAL EXAM	ESTRUS
3575	EXTERNAL EXAM	DIESTRUS
3576	EXTERNAL EXAM	DIESTRUS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4551	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, 0.2 - 0.3 CM IN DIAMETER, TAN
	EXTERNAL EXAM	METESTRUS
4552	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4553	EXTERNAL EXAM	DIESTRUS
4554	EXTERNAL EXAM	DIESTRUS
4555	EXTERNAL EXAM	DIESTRUS
4556	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
4557	EXTERNAL EXAM	DIESTRUS
4558	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4559	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, WHITE, 0.2- 0.5 CM IN DIAMETER
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
4560	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4561	EXTERNAL EXAM	DIESTRUS
4562	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
4563	EXTERNAL EXAM	DIESTRUS
4564	EXTERNAL EXAM	ESTRUS
4565	EXTERNAL EXAM	ESTRUS
4566	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, 0.1-0.2 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4567	EXTERNAL EXAM	DIESTRUS
4568	EXTERNAL EXAM	METESTRUS
4569	EXTERNAL EXAM	DIESTRUS
4570	EXTERNAL EXAM	DIESTRUS
4571	EXTERNAL EXAM	DIESTRUS
4572	EXTERNAL EXAM	DIESTRUS
4573	EXTERNAL EXAM	DIESTRUS
4574	EXTERNAL EXAM	DIESTRUS

APPENDIX W P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4575	EXTERNAL EXAM	ESTRUS
4576	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1001		NO REMARKABLE OBSERVATIONS
1002		NO REMARKABLE OBSERVATIONS
1003		NO REMARKABLE OBSERVATIONS
1004		NO REMARKABLE OBSERVATIONS
1005	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
1006		NO REMARKABLE OBSERVATIONS
1007	ADRENALS	AGENESIS; RIGHT
1008		NO REMARKABLE OBSERVATIONS
1009	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
1010		NO REMARKABLE OBSERVATIONS
1011		NO REMARKABLE OBSERVATIONS
1012		NO REMARKABLE OBSERVATIONS
1013		NO REMARKABLE OBSERVATIONS
1014		NO REMARKABLE OBSERVATIONS
1015		NO REMARKABLE OBSERVATIONS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1016	LIVER	ADHESION; EXTREME MEDIAN, LEFT, RIGHT LOBES AND PANCREAS TO THE DIAPHRAGM MEDIAN LOBE TO THE LEFT LOBE TISSUE SAVED
1017	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
1018		NO REMARKABLE OBSERVATIONS
1019		NO REMARKABLE OBSERVATIONS
1020		NO REMARKABLE OBSERVATIONS
1021		NO REMARKABLE OBSERVATIONS
1022		NO REMARKABLE OBSERVATIONS
1023		NO REMARKABLE OBSERVATIONS
1024	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
1025 DIED	THYMUS	DISCOLORED FOCI; MODERATE BOTH LOBES, 0.1 - 0.2 CM IN DIAMETER, RED TISSUE SAVED
1026		NO REMARKABLE OBSERVATIONS

DIED=FOUND DEAD

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2001		NO REMARKABLE OBSERVATIONS
2002		NO REMARKABLE OBSERVATIONS
2003	LIVER	HERNIATED LOBE(S); SLIGHT MEDIAN LOBE, 0.5 CM IN DIAMETER TISSUE SAVED
	GONADS	TESTE (S) SMALL; MODERATE; LEFT
	GONADS	SMALL EPIDIDYMIDE(S); MODERATE; LEFT
2004		NO REMARKABLE OBSERVATIONS
2005		NO REMARKABLE OBSERVATIONS
2006		NO REMARKABLE OBSERVATIONS
2007		NO REMARKABLE OBSERVATIONS
2008		NO REMARKABLE OBSERVATIONS
2009	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
2010	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
2011	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2012	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
2013		NO REMARKABLE OBSERVATIONS
2014		NO REMARKABLE OBSERVATIONS
2015		NO REMARKABLE OBSERVATIONS
2016		NO REMARKABLE OBSERVATIONS
2017	THYMUS	DISCOLORED FOCI; MODERATE LEFT LOBE, RED, 0.2 CM IN DIAMETER TISSUE SAVED
	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
2018		NO REMARKABLE OBSERVATIONS
2019	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
2020		NO REMARKABLE OBSERVATIONS
2021	KIDNEY	DILATED RENAL PELVIS; MODERATE; RIGHT
2022		NO REMARKABLE OBSERVATIONS
2023	THYMUS	DISCOLORED FOCI; SLIGHT LEFT LOBE, RED, 0.2 CM IN DIAMETER TISSUE SAVED
	EXTERNAL EXAM	SCAB(S); RIGHT EXTERNAL FINDING CONFIRMED FIVE SCABS, UPPER LATERAL DORSAL, RED, 0.2 X 0.5 CM TISSUE SAVED

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2024		NO REMARKABLE OBSERVATIONS
2025	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
2026		NO REMARKABLE OBSERVATIONS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3001	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, 0.1-0.2 CM IN DIAMETER, TAN
3002		NO REMARKABLE OBSERVATIONS
3003	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
3004		NO REMARKABLE OBSERVATIONS
3005		NO REMARKABLE OBSERVATIONS
3006	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES - LESS THAN 0.1 CM IN DIAMETER, TAN
	LIVER	ADHESION; EXTREME BETWEEN RIGHT LOBES AND RIGHT KIDNEY NODULE - 0.3 CM IN DIAMETER, TAN, AT ADHESION SITE TISSUE SAVED
3007		NO REMARKABLE OBSERVATIONS
3008	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
3009		NO REMARKABLE OBSERVATIONS
3010	GONADS	TESTE (S) SMALL; SLIGHT; RIGHT SOFT
	GONADS	SMALL EPIDIDYMIDE(S); MODERATE; RIGHT
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3011	ADRENALS	AGENESIS; RIGHT LEFT ENLARGED-MODERATE
3012		NO REMARKABLE OBSERVATIONS
3013		NO REMARKABLE OBSERVATIONS
3014		NO REMARKABLE OBSERVATIONS
3015	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
3016		NO REMARKABLE OBSERVATIONS
3017	KIDNEY	CYST(S); MODERATE; RIGHT CORTEX - 0.2 CM IN DIAMETER, CLEAR
3018	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
3019	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
3020	KIDNEY	CYST(S); MODERATE; BILATERAL CORTEX, 0.2 CM IN DIAMETER, CLEAR
3021	ADRENALS	DISCOLORED; MODERATE; RIGHT RED, SMALL
	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
3022	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	TIP OF TAIL MISSING EXTERNAL FINDING CONFIRMED

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3023	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
3024		NO REMARKABLE OBSERVATIONS
3025		NO REMARKABLE OBSERVATIONS
3026		NO REMARKABLE OBSERVATIONS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4001		NO REMARKABLE OBSERVATIONS
4002 DIED	EYES	DISCOLORED LEFT, MODERATE, RED TISSUE SAVED IN 10% NEUTRAL BUFFERED FORMALIN
	KIDNEY	DILATED RENAL PELVIS; SLIGHT; RIGHT
4003		NO REMARKABLE OBSERVATIONS
4004		NO REMARKABLE OBSERVATIONS
4005 DIED	THORACIC CAVITY	ABNORMAL CONTENTS; EXTREME RED, GELATINOUS MATERIAL
	LUNGS	DISCOLORED; MODERATE; LEFT DISCOLORED AREAS - 0.5 - 2.0 CM, RED
4006	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING NOT CONFIRMED
4007		NO REMARKABLE OBSERVATIONS
4008	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
4009		NO REMARKABLE OBSERVATIONS
4010		NO REMARKABLE OBSERVATIONS
4011		NO REMARKABLE OBSERVATIONS
4012		NO REMARKABLE OBSERVATIONS

DIED=FOUND DEAD

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4013		NO REMARKABLE OBSERVATIONS
4014		NO REMARKABLE OBSERVATIONS
4015	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
4016		NO REMARKABLE OBSERVATIONS
4017	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
4018		NO REMARKABLE OBSERVATIONS
4019		NO REMARKABLE OBSERVATIONS
4020	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FIDING CONFIRMED
	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
4021		NO REMARKABLE OBSERVATIONS
4022	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
4023		NO REMARKABLE OBSERVATIONS
4024		NO REMARKABLE OBSERVATIONS
4025		NO REMARKABLE OBSERVATIONS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

MALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4026	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1501	KIDNEY	DILATED RENAL PELVIS; MODERATE; RIGHT
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
1502	EXTERNAL EXAM	INCISORS MALOCCLUDED
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
1503	EXTERNAL EXAM	ESTRUS
1504 PNMD	EXTERNAL EXAM	DIESTRUS
1505	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	ESTRUS
1506	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
1507 NNMD	EXTERNAL EXAM	DIESTRUS
1508	EXTERNAL EXAM	DIESTRUS
1509 NP	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
1510	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS

NP=NOT PREGNANT PNMD=PREGNANT, NO MATING DATE NNMD=NOT PREG., NO MATING DATE

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1511	EXTERNAL EXAM	DIESTRUS
1512	EXTERNAL EXAM	DIESTRUS
1513	EXTERNAL EXAM	DIESTRUS
1514 NNMD	EXTERNAL EXAM	SCAB(S) EXTERNAL FINDING NOT CONFIRMED
	EXTERNAL EXAM	ESTRUS
1515 NNMD	EXTERNAL EXAM	DIESTRUS
1516	EXTERNAL EXAM	ESTRUS
1517	THYMUS	DISCOLORED FOCI; MODERATE BOTH LOBES - 0.2 CM IN DIAMETER, RED TISSUE SAVED
	EXTERNAL EXAM	DIESTRUS
1518	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTRNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
1519	EXTERNAL EXAM	DIESTRUS
1520 NP	EXTERNAL EXAM	ESTRUS
1521	EXTERNAL EXAM	DIESTRUS
1522	EXTERNAL EXAM	DIESTRUS
1523	EXTERNAL EXAM	ESTRUS

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP I 0 MG/M3

ANIMAL#	ORGAN	OBSERVATION
1524	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
1525	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - 0.1 CM IN DIAMETER, TAN
	LIVER	DISCOLORED FOCUS/FOCI; SLIGHT FOCUS - LEFT LOBE,0.2 CM IN DIAMETER,RED
	EXTERNAL EXAM	DIESTRUS
1526	EXTERNAL EXAM	DIESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2501	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	EYE(S) OPACITY; EXTREME; LEFT TISSUE SAVED
	EXTERNAL EXAM	ENOPHTHALMOS; EXTREME; LEFT TISSUE SAVED
	EXTERNAL EXAM	DIESTRUS
2502	EXTERNAL EXAM	DIESTRUS
2503	EXTERNAL EXAM	DIESTRUS
2504	EXTERNAL EXAM	DIESTRUS
2505	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
2506	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
2507	THYMUS	DISCOLORED FOCI; SLIGHT LEFT LOBE, RED, 0.2 CM IN DIAMETER
	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	PROESTRUS
2508	EXTERNAL EXAM	DIESTRUS
2509	EXTERNAL EXAM	DIESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2510	EXTERNAL EXAM	ESTRUS
2511	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
2512	EXTERNAL EXAM	DIESTRUS
2513 NNMD	EXTERNAL EXAM	DIESTRUS
2514 NNMD	EXTERNAL EXAM	ESTRUS
2515	EXTERNAL EXAM	DIESTRUS
2516 NNMD	EXTERNAL EXAM	DIESTRUS
2517	EXTERNAL EXAM	DIESTRUS
2518	EXTERNAL EXAM	DIESTRUS
2519	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
2520	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	INCISORS BROKEN/MISSING EXTERNAL FINDING CONFIRMED
	LUNGS	DISCOLORED FOCI; SLIGHT LEFT AND DIAPHRAGMATIC LOBES, TAN, 0.1 CM IN DIAMETER
	THYMUS	DISCOLORED FOCI; MODERATE LEFT LOBE, RED, 0.1 - 0.2 CM IN DIAMETER TISSUE SAVED
	EXTERNAL EXAM	ESTRUS

NNMD=NOT PREG., NO MATING DATE

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP II 2000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
2521	EXTERNAL EXAM	DIESTRUS
2522	EXTERNAL EXAM	DIESTRUS
2523	EXTERNAL EXAM	DIESTRUS
2524 NNMD	EXTERNAL EXAM	INCISORS MALOCCLUDED EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	ESTRUS
2525	EXTERNAL EXAM	DIESTRUS
2526 NP	EXTERNAL EXAM	DIESTRUS

NP=NOT PREGNANT NNMD=NOT PREG., NO MATING DATE

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3501	LUNGS	DISCOLORED FOCI; MODERATE
		ALL LOBES, WHITE, 0.2 - 0.5 CM IN DIAMETER
	KIDNEY	CYST(S); SLIGHT; LEFT
		CORTEX- CLEAR, 0.1-0.2 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
3502 NNMD	EXTERNAL EXAM	DIESTRUS
3503	EXTERNAL EXAM	DIESTRUS
3504 NNMD	EXTERNAL EXAM	DIESTRUS
3505	EXTERNAL EXAM	DIESTRUS
3506 NNMD	EXTERNAL EXAM	DIESTRUS
3507	THYMUS	DISCOLORED FOCI; SLIGHT
		BOTH LOBES, RED, 0.1 CM IN DIAMETER
		TISSUE SAVED
	LUNGS	DISCOLORED FOCI; MODERATE
		ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
3508	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES, TAN, 0.1 - 0.2CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
3509	EXTERNAL EXAM	DIESTRUS
3510	EXTERNAL EXAM	METESTRUS
3511	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	ESTRUS

NNMD=NOT PREG., NO MATING DATE

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3512	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
3513	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
3514	EXTERNAL EXAM	ESTRUS
3515	EXTERNAL EXAM	DIESTRUS
3516	EXTERNAL EXAM	ESTRUS
3517	EXTERNAL EXAM	DIESTRUS
3518	EXTERNAL EXAM	DIESTRUS
3519	EXTERNAL EXAM	DIESTRUS
3520	LUNGS	DISCOLORED; SLIGHT ALL LOBES - LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
3521	EXTERNAL EXAM	DIESTRUS
3522	THYMUS	DISCOLORED FOCI; SLIGHT LEFT LOBE - 0.2-0.4 CM IN DIAMETER, RED TISSUE SAVED
	EXTERNAL EXAM	DIESTRUS
3523	EXTERNAL EXAM	DIESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP III 10000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
3524	EXTERNAL EXAM	DIESTRUS
3525	EXTERNAL EXAM	DIESTRUS
3526	THYMUS	DISCOLORED FOCI; SLIGHT LEFT LOBE, RED, 0.2 CM IN DIAMETER TISSUE SAVED
	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX, CLEAR, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4501	EXTERNAL EXAM	DIESTRUS
4502	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4503	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4504	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
4505	LUNGS	DISCOLORED FOCI; SLIGHT LEFT, CARDIAC, AND DIAPHRAGMATIC LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
4506	LIVER	DISCOLORED FOCUS/FOCI; SLIGHT; RIGHT FOCUS - 0.4 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4507	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, WHITE, 0.2 CM IN DIAMETER
	EXTERNAL EXAM	ALOPECIA EXTREMITIES/SNOUT EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
4508	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4509	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
4510	LUNGS	DISCOLORED FOCI; MODERATE ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4511	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
4512	EXTERNAL EXAM	DIESTRUS
4513 NNMD	GROSS EXAM	HEMORRHAGE; SLIGHT DORSAL SACRAL AREA, SUBCUTANEOUS, 1.5 X 0.5 CM RED LOWER LUMBAR AND SACRAL SPINAL COLUMN WITH HINDLIMBS SAVED
	LUNGS	DISCOLORED; MODERATE; LEFT DISCOLORED AREAS, 0.5 - 1.5 CM IN DIAMETER, RED
	EXTERNAL EXAM	DIESTRUS
4514 NNMD	EXTERNAL EXAM	DIESTRUS
4515	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	DIESTRUS
4516	LUNGS	DISCOLORED; MODERATE ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS

NNMD=NOT PREG., NO MATING DATE

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4517	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES, LESS THAN 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	INCISORS BROKEN/MISSING
		EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS
4518	EXTERNAL EXAM	ESTRUS
4519	LUNGS	DISCOLORED FOCI; SLIGHT
		ALL LOBES - 0.1 CM IN DIAMETER, TAN
	EXTERNAL EXAM	DIESTRUS
4520	GROSS EXAM	BONE MISSHAPEN; MODERATE
		STERNUM
		TISSUE SAVED
	LUNGS	DISCOLORED FOCI; MODERATE
		ALL LOBES - 0.1 CM IN DIAMETER, TAN
		ALL LOBES - 0.1-0.2 CM IN DIAMETER, RED, SLIGHT
	EXTERNAL EXAM	DIESTRUS
4521	EXTERNAL EXAM	TIP OF TAIL MISSING
		EXTERNAL FINDING CONFIRMED, TISSUE SAVED
	EXTERNAL EXAM	DIESTRUS
4522	EXTERNAL EXAM	DIESTRUS
4523	EXTERNAL EXAM	DIESTRUS
4524	LUNGS	DISCOLORED FOCI; MODERATE
		ALL LOBES, TAN, 0.2 CM IN DIAMETER
	EXTERNAL EXAM	ESTRUS

APPENDIX W F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PARENTAL NECROPSY OBSERVATIONS

FEMALES GROUP IV 20000 MG/M3

ANIMAL#	ORGAN	OBSERVATION
4525 PNMD	EXTERNAL EXAM	DIESTRUS
4526	LUNGS	DISCOLORED FOCI; SLIGHT ALL LOBES, TAN, 0.1 CM IN DIAMETER
	EXTERNAL EXAM	ALOPECIA GENERAL EXTERNAL FINDING CONFIRMED
	EXTERNAL EXAM	DIESTRUS

PNMD=PREGNANT, NO MATING DATE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1551	1M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); MODERATE; RIGHT TISSUE SAVED
	12M	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
1552	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1553	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1553 (CONTINUED)					
	10M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
1554	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
1555	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
1556	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1556 (CONTINUED)					
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
1557	1F	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	MILK IN STOMACH
	2M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
	18F	C	4		NO REMARKABLE OBSERVATIONS
1558	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	4M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1558 (CONTINUED)					
				GONADS	SMALL TESTE(S); EXTREME; RIGHT 0.5 X 0.3 CM DISCOLORED - TAN TISSUE SAVED
				GONADS	SMALL EPIDIDYMIDE(S); EXTREME; RIGHT TISSUE SAVED
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1-0.2 CM IN DIAMETER, CLEAR TISSUE SAVED
	12F	K	28	KIDNEY	CYST(S); SLIGHT; LEFT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	13F	C	4		NO REMARKABLE OBSERVATIONS
1560	1M	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	2M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
1561	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1561 (CONTINUED)					
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
1563	2M	K	28	KIDNEY	CYST(S); SLIGHT; LEFT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	D	1	GROSS EXAM	AUTOLYSIS POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
1564	1M	D	4	STOMACH	MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1566	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	D	4	STOMACH	MILK IN STOMACH
1567	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
1568	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1568 (CONTINUED)					
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1569	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
1570	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
1571	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	11M	K	28		NO REMARKABLE OBSERVATIONS
	12M	K	28		NO REMARKABLE OBSERVATIONS
	13M	C	4		NO REMARKABLE OBSERVATIONS
	14M	C	4		NO REMARKABLE OBSERVATIONS
	16F	D	2	STOMACH	MILK IN STOMACH

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1572	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
1573	1M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
1574	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1575	1F	K	28		NO REMARKABLE OBSERVATIONS
	2F	K	28		NO REMARKABLE OBSERVATIONS
	3F	K	28		NO REMARKABLE OBSERVATIONS
1576	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2551	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
2552	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
2553	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2554	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
2555	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4F	C	4		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2556	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2556 (CONTINUED)					
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2557	1M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
2558	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
2560	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2561	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
2562	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2563	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2564	1M	D	1	GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				LUNGS	LUNG FLOATATION TEST-FOUND DEAD
					POSITIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
2565	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
2566	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2566 (CONTINUED)					
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
2567	1F	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	2F	Z	0	GROSS EXAM	CANNIBALIZED
				LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2569	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2570	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
2571	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
2572	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2573	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
2574	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
2575	2M	K	28	KIDNEY	CYST(S); MODERATE; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	3F	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
2576	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); MODERATE; RIGHT TISSUE SAVED

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2576 (CONTINUED)					
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3551	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
3552	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, TAN TISSUE SAVED
	14F	K	28		NO REMARKABLE OBSERVATIONS
3553	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	D	13	STOMACH	NO MILK IN STOMACH
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3553 (CONTINUED)					
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
3554	1F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
3555	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3556	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
3558	2M	K	28	KIDNEY	CYST(S); LEFT
					CORTEX - 0.1 CM IN DIAMETER, CLEAR, FIRM
					TISSUE SAVED
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28	KIDNEY	CYST(S); BILATERAL
					CORTEX - 0.1 CM IN DIAMETER, CLEAR, FIRM
					TISSUE SAVED
	5F	C	4		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD
					POSITIVE
				STOMACH	MILK IN STOMACH
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
3559	1U	Z	0	GROSS EXAM	CANNIBALIZED
				GROSS EXAM	INTERNAL SEX UNDETERMINED
				STOMACH	MILK UNDETERMINED
	3M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3559 (CONTINUED)					
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8M	D	1	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
3560	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	9F	C	4		NO REMARKABLE OBSERVATIONS
3561	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	D	2	STOMACH	MILK IN STOMACH
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
3562	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3562 (CONTINUED)					
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
3563	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28	LIVER	DISCOLORED FOCI; SLIGHT LEFT MEDIAN LOBE, 0.1 CM IN DIAMETER WHITE STERNUM AND LIVER SAVED
				EXTERNAL EXAM	SOFT PROTRUSION MIDABDOMINAL - EXTERNAL FINDING CONFIRMED CLEFT STERNUM, MISSHAPEN LIVER, MULTIPLE ADHESIONS OF LIVER TO DIAPHRAGM
3564	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3564 (CONTINUED)					
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
3565	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	D	1	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	6M	Z	1	GROSS EXAM	CANNIBALIZED
				GROSS EXAM	INTERNAL SEX UNDETERMINED
				STOMACH	MILK UNDETERMINED
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
3566	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
3567	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3567 (CONTINUED)					
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
3568	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
3569	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3569 (CONTINUED)					
	12F	D	1	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	MILK IN STOMACH
3570	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
3571	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28	GONADS	OVARY(IES) CYSTIC LEFT - 0.2 CM IN DIAMETER, CLEAR TISSUE SAVED
3572	1F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3572 (CONTINUED)					
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
3573	1M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
3574	1F	D	0	GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				LUNGS	LUNG FLOATATION TEST-FOUND DEAD
					POSITIVE
				STOMACH	NO MILK IN STOMACH
	2F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN
					NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3575	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
3576	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4551	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5F	C	4		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
4552	1U	Z	0	GROSS EXAM	CANNIBALIZED
				GROSS EXAM	INTERNAL SEX UNDETERMINED
				LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
4553	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28	THYMUS	ENLARGED THYMUS; MODERATE TISSUE SAVED
	6M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4553 (CONTINUED)					
	9M	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
4554	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28	KIDNEY	CYST(S); SLIGHT; LEFT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
4555	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
4556	1F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4556 (CONTINUED)					
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	D	4	STOMACH	NO MILK IN STOMACH
				LUNGS	DISCOLORED FOCI LEFT LOBE, 0.1 CM IN DIAMTER, RED
	14F	C	4		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
4557	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); EXTREME; RIGHT TISSUE SAVED
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
4558	1F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4558 (CONTINUED)					
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
4559	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
4560	1M	S		GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				LUNGS	LUNG FLOATATION TEST-STILLBORN
					NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11M	C	4		NO REMARKABLE OBSERVATIONS
	12M	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4560 (CONTINUED)					
	17F	K	28		NO REMARKABLE OBSERVATIONS
4561	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
4562	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17M	C	4		NO REMARKABLE OBSERVATIONS
4563	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4563 (CONTINUED)					
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
4564	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
4565	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5F	C	4		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
4566	1M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4567	1M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
4568	1M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
4569	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
4570	1M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4571	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11M	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	18F	K	28		NO REMARKABLE OBSERVATIONS
	19F	C	4		NO REMARKABLE OBSERVATIONS
4572	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
4573	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4573 (CONTINUED)					
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
4574	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	D	4	STOMACH	NO MILK IN STOMACH
	16F	C	4		NO REMARKABLE OBSERVATIONS
	18F	C	4		NO REMARKABLE OBSERVATIONS
4575	1M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4575 (CONTINUED)					
	14F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
4576	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1501	1M	C	4	EXTERNAL EXAM	TIP OF TAIL MISSING EXTERNAL FINDING CONFIRMED
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); MODERATE; RIGHT TISSUE SAVED
	12F	K	28	LUNGS	DISCOLORED FOCI; SLIGHT; LEFT FOCUS - 0.2 CM IN DIAMETER, RED TISSUE SAVED
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
1502	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	D	4	STOMACH	NO MILK IN STOMACH
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); MODERATE; RIGHT TISSUE SAVED
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	11M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1503	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
1504	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
1505	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
1506	1M	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	2M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1506 (CONTINUED)					
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	12F	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
1508	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
1510	1M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1511	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1511 (CONTINUED)					
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1512	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
1513	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	D	5	STOMACH	NO MILK IN STOMACH
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
1516	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1516 (CONTINUED)					
	4M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
1517	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1518	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
1519	1M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1519 (CONTINUED)					
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
1521	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1522	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28	GONADS	AGENESIS OF TESTE(S); LEFT
				GONADS	EPIDIDYMIDES-SMALL; EXTREME; LEFT TISSUE SAVED
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
1523	1M	K	28		NO REMARKABLE OBSERVATIONS
	2F	K	28		NO REMARKABLE OBSERVATIONS
	3F	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP I 0 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
1524	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
1525	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
1526	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2501	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
2502	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2503	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28	THYMUS	DISCOLORED FOCUS/FOCI; MODERATE; BILATERAL RED, 0.1 CM IN DIAMETER LEFT LOBE EXTREMELY RED TISSUE SAVED
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
2504	1M	K	28		NO REMARKABLE OBSERVATIONS
	2F	K	28	KIDNEY	CYST(S); SLIGHT; RIGHT CORTEX, CLEAR, 0.1 CM IN DIAMETER TISSUE SAVED
	3F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2504 (CONTINUED)					
	4F	K	28		NO REMARKABLE OBSERVATIONS
2505	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
2506	1M	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CLEAR, 0.1 CM IN DIAMETER TISSUE SAVED
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2507	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	D	24	STOMACH	NO MILK IN STOMACH

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2507 (CONTINUED)					
	14F	K	28		NO REMARKABLE OBSERVATIONS
2508	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
2509	1F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11M	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
2510	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2510 (CONTINUED)					
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
2511	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
2512	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
2515	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
2517	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2517 (CONTINUED)					
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
2518	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
2519	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
2520	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
2521	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3F	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP II 2000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
2522	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
2523	1F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
2525	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28	KIDNEY	CYST(S); MODERATE; BILATERAL CORTEX- CLEAR, 0.1 CM IN DIAMETER TISSUE SAVED
	13F	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL CORTEX - 0.1 CM IN DIAMETER, CLEAR TISSUE SAVED
	14F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3501	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	11M	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	18F	K	28		NO REMARKABLE OBSERVATIONS
3503	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
3505	1M	D	1	GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				GROSS EXAM	INTERNAL SEX UNDETERMINED
				STOMACH	MILK UNDETERMINED
	3M	D	2	GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	D	1	STOMACH	NO MILK IN STOMACH
	8M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3505 (CONTINUED)					
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	D	7	GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				STOMACH	MILK UNDETERMINED
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
3507	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28	KIDNEY	CYST(S); SLIGHT; BILATERAL
					CORTEX - 0.1 CM IN DIAMETER, CLEAR
					TISSUE SAVED
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
3508	1M	D	0	GROSS EXAM	AUTOLYSIS
					POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				GROSS EXAM	INTERNAL SEX UNDETERMINED
				LUNGS	LUNG FLOATATION TEST-FOUND DEAD
					POSITIVE
				STOMACH	MILK UNDETERMINED
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3509	1M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28	THYMUS	DISCOLORED FOCUS/FOCI; SLIGHT; LEFT RED, 0.1 CM IN DIAMETER TISSUE SAVED
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
3510	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3F	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
3511	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	D	1	GROSS EXAM	AUTOLYSIS POST-MORTEM CHANGES OBVIOUS AT THE TIME OF NECROPSY
				GROSS EXAM	INTERNAL SEX UNDETERMINED
				STOMACH	MILK UNDETERMINED

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3511 (CONTINUED)					
	13F	C	4		NO REMARKABLE OBSERVATIONS
3512	1M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14M	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
3513	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
3514	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	6F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3514 (CONTINUED)					
	11F	K	28		NO REMARKABLE OBSERVATIONS
3515	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	D	2	GROSS EXAM	CANNIBALIZED
					PARTIALLY
				STOMACH	MILK IN STOMACH
	4M	K	28	THYMUS	DISCOLORED FOCUS/FOCI; SLIGHT; BILATERAL
					RED, 0.1 CM IN DIAMETER
					TISSUE SAVED
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
3516	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
3517	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3518	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2F	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD POSITIVE
				STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
3519	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	C	4	GROSS EXAM	DECREASED SIZE; EXTREME PUP SAVED IN 10% NBF
	3M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
3520	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3521	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
3522	1F	D	0	LUNGS	LUNG FLOATATION TEST-FOUND DEAD
					POSITIVE
				STOMACH	NO MILK IN STOMACH
	2M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); MODERATE; RIGHT
				KIDNEY	CYST(S); SLIGHT; RIGHT
					CORTEX - 0.1 CM IN DIAMETER, CLEAR
					TISSUE SAVED
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28	LUNGS	DISCOLORED FOCI; SLIGHT
					APICAL, CARDIAC AND LEFT LOBES - 0.1 CM IN DIAMETER, RED
					TISSUE SAVED
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
3523	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	Z	2	GROSS EXAM	CANNIBALIZED
				STOMACH	MILK UNDETERMINED
				GROSS EXAM	INTERNAL SEX UNDETERMINED
	3M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3523 (CONTINUED)					
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	8M	Z	21	GROSS EXAM	CANNIBALIZED
				STOMACH	MILK UNDETERMINED
	10F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
3524	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
	17F	K	28		NO REMARKABLE OBSERVATIONS
3525	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED Z-CANNIBALIZED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP III 10000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
3525 (CONTINUED)					
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
3526	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28	KIDNEY	CYST(S); MODERATE; RIGHT CORTEX- CLEAR, 0.2 CM IN DIAMETER, TISSUE SAVED
	5M	D	7	STOMACH	NO MILK IN STOMACH
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4501	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
4502	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
4503	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28	LUNGS	DISCOLORED FOCI; SLIGHT LEFT LOBE - 0.2 CM IN DIAMETER, RED TISSUE SAVED
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4503 (CONTINUED)					
	16F	C	4		NO REMARKABLE OBSERVATIONS
	17F	C	4		NO REMARKABLE OBSERVATIONS
4504	1M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	18F	K	28		NO REMARKABLE OBSERVATIONS
4505	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3F	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
4506	1M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4507	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
4508	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	K	28		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
4509	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	C	4		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4510	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	15F	C	4		NO REMARKABLE OBSERVATIONS
4511	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9F	C	4		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	C	4		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	C	4		NO REMARKABLE OBSERVATIONS
4512	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	6M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4515	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	K	28	LUNGS	DISCOLORED FOCI; SLIGHT LEFT, CARDIAC AND DIAPHRAGMATIC LOBES-0.2 CM IN DIAMETER, RED TISSUE SAVED
	8M	K	28		NO REMARKABLE OBSERVATIONS
	10M	K	28	KIDNEY	DILATED RENAL PELVIS (PAPILLA REDUCED); MODERATE; RIGHT TISSUE SAVED
	11M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
4516	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
4517	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	D	1	STOMACH	NO MILK IN STOMACH
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
	5F	C	4		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
4518	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4518 (CONTINUED)					
	4F	K	28		NO REMARKABLE OBSERVATIONS
	5F	K	28	THYMUS	DISCOLORED FOCUS/FOCI; SLIGHT; LEFT RED, 0.1 CM IN DIAMETER TISSUE SAVED
	6F	K	28		NO REMARKABLE OBSERVATIONS
4519	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	7F	K	28		NO REMARKABLE OBSERVATIONS
	9F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
4520	1M	K	28		NO REMARKABLE OBSERVATIONS
	2F	K	28		NO REMARKABLE OBSERVATIONS
	3F	K	28		NO REMARKABLE OBSERVATIONS
	4F	K	28		NO REMARKABLE OBSERVATIONS
4521	1M	D	2	STOMACH	MILK IN STOMACH
	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	C	4		NO REMARKABLE OBSERVATIONS
	9M	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	K	28		NO REMARKABLE OBSERVATIONS
	14F	K	28		NO REMARKABLE OBSERVATIONS
4522	2M	C	4		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4522 (CONTINUED)					
	7F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
4523	1M	C	4		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	7M	C	4		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	11F	C	4		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	13F	C	4		NO REMARKABLE OBSERVATIONS
	14F	C	4		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS
	16F	K	28		NO REMARKABLE OBSERVATIONS
4524	1M	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	2F	S		LUNGS	LUNG FLOATATION TEST-STILLBORN NEGATIVE
				STOMACH	NO MILK IN STOMACH
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	C	4		NO REMARKABLE OBSERVATIONS
	5M	C	4		NO REMARKABLE OBSERVATIONS
	6M	K	28		NO REMARKABLE OBSERVATIONS
	8M	K	28		NO REMARKABLE OBSERVATIONS
	9M	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS
	12F	K	28		NO REMARKABLE OBSERVATIONS
	15F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE

APPENDIX X F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP NECROPSY OBSERVATIONS

GROUP IV 20000 MG/M3

FEMALE#	PUP#	STATUS	DAY	ORGAN	OBSERVATION
4525	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	K	28		NO REMARKABLE OBSERVATIONS
	6F	C	4		NO REMARKABLE OBSERVATIONS
	8F	K	28	THYMUS	DISCOLORED FOCUS/FOCI; SLIGHT; RIGHT RED, 0.1 CM IN DIAMETER TISSUE SAVED
	9F	K	28	THYMUS	DISCOLORED FOCUS/FOCI; SLIGHT; BILATERAL RED, 0.1 CM IN DIAMETER TISSUE SAVED
	10F	D	21	STOMACH	NO MILK IN STOMACH
				HEAD	DISCOLORED BRAIN RED AREAS, 0.2-0.6 CM IN DIAMETER
	11F	K	28		NO REMARKABLE OBSERVATIONS
4526	1M	K	28		NO REMARKABLE OBSERVATIONS
	2M	K	28		NO REMARKABLE OBSERVATIONS
	3M	C	4		NO REMARKABLE OBSERVATIONS
	4M	K	28		NO REMARKABLE OBSERVATIONS
	8F	K	28		NO REMARKABLE OBSERVATIONS
	10F	K	28		NO REMARKABLE OBSERVATIONS
	11F	K	28		NO REMARKABLE OBSERVATIONS

SEX CODES: M-Male, F=Female, U=Undetermined
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE

	Individual Parental Organ Weights Preface	Appendix Y

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P_0 Generation Absolute Organ Weights and % Organ to Body Weight Ratios and % Organ to Brain Weight Ratios 868

F_1 Generation Absolute Organ Weights and % Organ to Body Weight Ratios and % Organ to Brain Weight Ratios 896

Key to Abbreviations:

g	=	Grams
FBW	=	Final Body Weight
SEM. VES & CO.GL.	=	Seminal Vesicles and Coagulating Glands

Corresponding exposure levels for each group were as follows:

Group I - 0 mg/m^3
Group II - 2,000 mg/m^3
Group III - 10,000 mg/m^3
Group IV - 20,000 mg/m^3

Note:

Organ weight values for the following animals are not presented for the stated reason:

P_0 generation –	2556:	Kidneys (one of the pair lost at necropsy) Left Ovary (lost at time of necropsy) Ovaries (one of the pair lost at necropsy)
F_1 generation –	1005:	Adrenals (one of the pair lost at necropsy)
	1007:	Adrenals (agenesis)
	3011:	Adrenals (agenesis)

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIDES Weight g	EPIDIDYMIDES %FBW	EPIDIDYMIDES %Brain	PROSTATE Weight g	PROSTATE %FBW	PROSTATE %Brain	SEM.VES & CO.GL. Weight g	SEM.VES & CO.GL. %FBW	SEM.VES & CO.GL. %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
1051	522	1.4661	0.0028	0.6406	1.6786	0.0032	0.7334	2.0424	0.0039	0.8924	3.6143	0.0069	1.5792
1052	544	1.6293	0.0030	0.7052	1.2963	0.0024	0.5611	2.1124	0.0039	0.9143	3.5436	0.0065	1.5338
1053	558	1.6505	0.0030	0.7367	1.0075	0.0018	0.4497	2.0703	0.0037	0.9241	3.6866	0.0066	1.6456
1054	584	1.6572	0.0028	0.7587	0.6556	0.0011	0.3001	1.8199	0.0031	0.8331	3.5854	0.0061	1.6414
1055	530	1.5439	0.0029	0.7002	1.1342	0.0021	0.5144	2.1709	0.0041	0.9845	3.3333	0.0063	1.5117
1056	542	1.8088	0.0033	0.8090	1.5926	0.0029	0.7123	2.3246	0.0043	1.0397	3.8858	0.0072	1.7380
1057	657	1.4975	0.0023	0.6682	1.1360	0.0017	0.5069	2.1959	0.0033	0.9798	3.4445	0.0052	1.5369
1058	606	1.4173	0.0023	0.6472	1.4912	0.0025	0.6809	1.6031	0.0026	0.7320	3.0787	0.0051	1.4059
1059	600	1.3735	0.0023	0.6090	1.0762	0.0018	0.4772	1.7427	0.0029	0.7727	3.4757	0.0058	1.5411
1060	550	1.8237	0.0033	0.7885	0.8277	0.0015	0.3578	1.8511	0.0034	0.8003	3.7806	0.0069	1.6345
1061	626	1.5418	0.0025	0.7026	1.1587	0.0019	0.5280	2.2358	0.0036	1.0189	3.2213	0.0051	1.4680
1062	482	1.3146	0.0027	0.6327	0.9075	0.0019	0.4368	2.2446	0.0047	1.0803	3.3820	0.0070	1.6277
1063	528	1.4100	0.0027	0.7159	1.0291	0.0019	0.5225	1.8788	0.0036	0.9539	3.5330	0.0067	1.7939
1064	603	1.4925	0.0025	0.6277	1.0812	0.0018	0.4547	0.9525	0.0016	0.4006	3.3576	0.0056	1.4121
1065	543	1.4676	0.0027	0.6390	1.0896	0.0020	0.4744	1.8518	0.0034	0.8063	3.3695	0.0062	1.4672
1066	537	1.6083	0.0030	0.7238	1.0652	0.0020	0.4794	2.1062	0.0039	0.9478	3.6508	0.0068	1.6430
1067	563	1.5440	0.0027	0.6937	0.8950	0.0016	0.4021	1.3254	0.0024	0.5955	4.1386	0.0074	1.8595
1068	604	1.2759	0.0021	0.5533	1.3148	0.0022	0.5702	1.8795	0.0031	0.8151	3.5543	0.0059	1.5414
1069	559	1.3142	0.0024	0.6121	1.0368	0.0019	0.4829	2.3423	0.0042	1.0909	3.9764	0.0071	1.8520
1070	506	1.5477	0.0031	0.6812	1.1453	0.0023	0.5041	1.9997	0.0040	0.8801	3.7428	0.0074	1.6473
1071	568	1.4630	0.0026	0.6463	1.3017	0.0023	0.5750	2.1093	0.0037	0.9318	3.6533	0.0064	1.6138
1072	537	1.3231	0.0025	0.5762	1.0974	0.0020	0.4779	2.3250	0.0043	1.0125	3.3944	0.0063	1.4782
1073	564	1.5093	0.0027	0.7257	0.9036	0.0016	0.4345	1.9123	0.0034	0.9195	3.8400	0.0068	1.8464
1074	445	1.5208	0.0034	0.7462	0.8902	0.0020	0.4368	1.8988	0.0043	0.9317	3.4322	0.0077	1.6841
1075	505	1.4842	0.0029	0.6773	1.3372	0.0026	0.6103	2.0947	0.0041	0.9560	3.5416	0.0070	1.6163
1076	527	1.2448	0.0024	0.6075	1.0629	0:0020	0.5187	1.5958	0.0030	0.7787	3.0842	0.0059	1.5051

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIDES Weight g	EPIDIDYMIDES %FBW	EPIDIDYMIDES %Brain	PROSTATE Weight g	PROSTATE %FBW	PROSTATE %Brain	SEM.VES & CO.GL. Weight g	SEM.VES & CO.GL. %FBW	SEM.VES & CO.GL. %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
2051	565	1.5004	0.0027	0.6504	1.3066	0.0023	0.5664	2.2009	0.0039	0.9540	3.5659	0.0063	1.5457
2052	567	1.6169	0.0029	0.7088	1.3522	0.0024	0.5928	1.8336	0.0032	0.8038	3.5477	0.0063	1.5553
2053	572	1.5253	0.0027	0.7275	0.9278	0.0016	0.4425	2.0830	0.0036	0.9936	3.4542	0.0060	1.6476
2054	562	1.4073	0.0025	0.6362	1.1240	0.0020	0.5081	2.2395	0.0040	1.0124	3.6825	0.0066	1.6648
2055	628	1.3657	0.0022	0.6205	0.9283	0.0015	0.4217	2.0042	0.0032	0.9105	2.7809	0.0044	1.2634
2056	580	1.6913	0.0029	0.7612	1.2273	0.0021	0.5524	1.8297	0.0032	0.8235	4.0201	0.0069	1.8094
2057	624	1.4896	0.0024	0.6746	1.2527	0.0020	0.5673	2.1906	0.0035	0.9920	3.2452	0.0052	1.4696
2058	498	1.3279	0.0027	0.6004	0.7356	0.0015	0.3326	2.1433	0.0043	0.9690	3.3140	0.0067	1.4983
2059	627	0.7301	0.0012	0.3214	0.8693	0.0014	0.3826	2.0011	0.0032	0.8808	0.7870	0.0013	0.3464
2060	563	1.3595	0.0024	0.5982	1.1890	0.0021	0.5231	1.8643	0.0033	0.8203	3.4617	0.0062	1.5231
2061	521	1.4945	0.0029	0.7061	1.6862	0.0032	0.7967	2.3817	0.0046	1.1252	3.6260	0.0070	1.7131
2062	626	1.6308	0.0026	0.7263	1.0358	0.0017	0.4613	2.5024	0.0040	1.1145	3.8329	0.0061	1.7070
2063	481	1.4933	0.0031	0.7022	1.1859	0.0025	0.5577	2.3932	0.0050	1.1254	3.4012	0.0071	1.5994
2064	494	1.1195	0.0023	0.6188	0.9440	0.0019	0.5218	1.7470	0.0035	0.9657	2.8495	0.0058	1.5751
2065	569	1.2986	0.0023	0.6384	0.9848	0.0017	0.4841	2.5780	0.0045	1.2673	3.6636	0.0064	1.8009
2066	532	1.5284	0.0029	0.6772	1.2248	0.0023	0.5427	2.1928	0.0041	0.9716	3.9612	0.0074	1.7552
2067	519	1.4814	0.0029	0.7036	1.2309	0.0024	0.5846	1.6438	0.0032	0.7807	3.8353	0.0074	1.8216
2068	556	1.4623	0.0026	0.6564	1.0182	0.0018	0.4570	1.9546	0.0035	0.8773	3.2546	0.0059	1.4608
2069	492	1.2041	0.0024	0.5464	1.4560	0.0030	0.6607	2.2761	0.0046	1.0328	3.0872	0.0063	1.4009
2070	573	1.5070	0.0026	0.6766	0.9815	0.0017	0.4407	1.9531	0.0034	0.8769	3.9032	0.0068	1.7524
2071	655	1.3767	0.0021	0.5727	1.2077	0.0018	0.5024	2.1248	0.0032	0.8839	3.6477	0.0056	1.5175
2072	557	1.6704	0.0030	0.7695	0.8801	0.0016	0.4054	2.3004	0.0041	1.0597	3.5021	0.0063	1.6133
2073	689	1.7038	0.0025	0.6918	1.4657	0.0021	0.5951	2.1720	0.0032	0.8819	4.1016	0.0060	1.6654
2074	587	1.4537	0.0025	0.6708	1.1380	0.0019	0.5251	2.7208	0.0046	1.2554	3.4481	0.0059	1.5910
2075	528	1.6847	0.0032	0.7576	1.1269	0.0021	0.5068	1.8635	0.0035	0.8381	3.9838	0.0075	1.7916
2076	559	1.5262	0.0027	0.6808	1.0388	0.0019	0.4634	2.3112	0.0041	1.0310	3.7249	0.0067	1.6616

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIDES Weight g	EPIDIDYMIDES %FBW	EPIDIDYMIDES %Brain	PROSTATE Weight g	PROSTATE %FBW	PROSTATE %Brain	SEM.VES & CO.GL. Weight g	SEM.VES & CO.GL. %FBW	SEM.VES & CO.GL. %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
3051	609	1.4161	0.0023	0.6306	0.9644	0.0016	0.4294	2.3165	0.0038	1.0315	3.3137	0.0054	1.4755
3052	568	1.3949	0.0025	0.6476	0.9011	0.0016	0.4183	1.7100	0.0030	0.7938	3.3711	0.0059	1.5650
3053	508	1.4233	0.0028	0.5872	1.3830	0.0027	0.5706	1.9776	0.0039	0.8159	3.6594	0.0072	1.5098
3054	609	1.4248	0.0023	0.6567	0.8732	0.0014	0.4024	2.3790	0.0039	1.0964	3.2680	0.0054	1.5061
3055	564	1.3086	0.0023	0.5883	1.2885	0.0023	0.5793	1.4968	0.0027	0.6729	3.0424	0.0054	1.3677
3056	480	1.4265	0.0030	0.6702	1.0948	0.0023	0.5144	2.2822	0.0048	1.0723	3.5496	0.0074	1.6677
3057	602	1.6304	0.0027	0.7642	1.1177	0.0019	0.5239	1.6509	0.0027	0.7738	3.4907	0.0058	1.6361
3058	654	1.2339	0.0019	0.5121	1.1078	0.0017	0.4597	1.8547	0.0028	0.7697	3.3694	0.0051	1.3983
3059	509	1.3669	0.0027	0.6219	0.7207	0.0014	0.3279	1.6022	0.0032	0.7289	3.5326	0.0069	1.6071
3060	564	1.3860	0.0025	0.6195	1.1679	0.0021	0.5220	1.2468	0.0022	0.5573	3.1563	0.0056	1.4107
3061	604	1.5955	0.0026	0.7285	1.0241	0.0017	0.4676	1.5122	0.0025	0.6904	3.7457	0.0062	1.7102
3062	495	1.2526	0.0025	0.6316	0.8556	0.0017	0.4314	1.7823	0.0036	0.8987	3.2315	0.0065	1.6295
3063	620	1.7055	0.0028	0.7482	1.5186	0.0025	0.6662	1.2602	0.0020	0.5529	3.9580	0.0064	1.7364
3064	562	1.5066	0.0027	0.7105	1.3942	0.0025	0.6575	1.4080	0.0025	0.6640	3.5830	0.0064	1.6897
3065	560	1.3170	0.0024	0.5605	1.3818	0.0025	0.5881	1.6264	0.0029	0.6922	3.1215	0.0056	1.3285
3066	541	1.3616	0.0025	0.5838	0.6085	0.0011	0.2609	1.6533	0.0031	0.7088	3.7656	0.0070	1.6145
3067	545	1.4351	0.0026	0.6200	0.8967	0.0016	0.3874	2.0852	0.0038	0.9009	3.7662	0.0069	1.6271
3068	615	1.6961	0.0028	0.7383	1.6085	0.0026	0.7001	2.6381	0.0043	1.1483	3.4856	0.0057	1.5172
3069	673	1.4372	0.0021	0.6017	0.8575	0.0013	0.3590	2.0170	0.0030	0.8444	3.7699	0.0056	1.5782
3070	530	1.3347	0.0025	0.6237	1.1562	0.0022	0.5403	1.6072	0.0030	0.7510	3.2869	0.0062	1.5359
3071	563	1.3974	0.0025	0.5963	1.7994	0.0032	0.7678	1.9732	0.0035	0.8420	3.2410	0.0058	1.3830
3072	570	1.5658	0.0027	0.6887	1.5355	0.0027	0.6754	1.4645	0.0026	0.6441	3.1228	0.0055	1.3735
3073	522	1.6091	0.0031	0.7423	1.2316	0.0024	0.5682	1.7338	0.0033	0.7998	3.3612	0.0064	1.5506
3074	466	1.3201	0.0028	0.6653	1.3365	0.0029	0.6736	1.9939	0.0043	1.0049	3.4251	0.0073	1.7263
3075	603	1.3225	0.0022	0.5936	1.1683	0.0019	0.5244	2.0928	0.0035	0.9393	3.0753	0.0051	1.3803
3076	543	1.3480	0.0025	0.6421	0.9153	0.0017	0.4360	2.2660	0.0042	1.0793	3.2948	0.0061	1.5693

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIDES Weight g	EPIDIDYMIDES %FBW	EPIDIDYMIDES %Brain	PROSTATE Weight g	PROSTATE %FBW	PROSTATE %Brain	SEM.VES & CO.GL. Weight g	SEM.VES & CO.GL. %FBW	SEM.VES & CO.GL. %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
4051	610	1.6901	0.0028	0.8010	1.1879	0.0019	0.5630	1.6938	0.0028	0.8028	4.0069	0.0066	1.8991
4052	536	1.3921	0.0026	0.6550	1.2183	0.0023	0.5732	2.5922	0.0048	1.2196	3.5731	0.0067	1.6811
4053	524	1.5170	0.0029	0.6955	1.3530	0.0026	0.6203	2.2586	0.0043	1.0354	3.4584	0.0066	1.5855
4054	594	1.6791	0.0028	0.7158	1.5689	0.0026	0.6688	1.2997	0.0022	0.5540	3.8259	0.0064	1.6309
4055	574	1.3682	0.0024	0.6240	1.1937	0.0021	0.5444	1.3134	0.0023	0.5990	3.7052	0.0065	1.6897
4056	584	1.4888	0.0025	0.6502	1.0784	0.0018	0.4710	2.4713	0.0042	1.0793	3.4026	0.0058	1.4860
4057	524	1.5702	0.0030	0.6865	1.0640	0.0020	0.4652	2.2714	0.0043	0.9930	3.6099	0.0069	1.5782
4058	447	1.3813	0.0031	0.6337	1.0551	0.0024	0.4840	1.9457	0.0043	0.8926	3.9777	0.0089	1.8248
4059	632	1.5706	0.0025	0.7450	1.0584	0.0017	0.5021	1.1277	0.0018	0.5349	3.3480	0.0053	1.5882
4060	580	1.2339	0.0021	0.5509	1.1078	0.0019	0.4946	1.8547	0.0032	0.8281	3.3694	0.0058	1.5043
4061	535	1.7044	0.0032	0.7860	1.0965	0.0021	0.5056	1.0772	0.0020	0.4967	3.9967	0.0075	1.8431
4062	531	1.6916	0.0032	0.7521	1.1601	0.0022	0.5158	1.3283	0.0025	0.5906	3.5885	0.0068	1.5955
4063	579	1.6102	0.0028	0.7041	0.9473	0.0016	0.4142	1.6906	0.0029	0.7393	3.6902	0.0064	1.6136
4064	603	1.1320	0.0019	0.5715	1.0789	0.0018	0.5447	1.9678	0.0033	0.9934	2.8853	0.0048	1.4566
4065	569	1.3848	0.0024	0.6602	0.9821	0.0017	0.4682	2.1777	0.0038	1.0383	3.8186	0.0067	1.8206
4066	566	1.2235	0.0022	0.5419	0.8216	0.0015	0.3639	1.8365	0.0032	0.8135	3.1239	0.0055	1.3837
4067	525	1.5341	0.0029	0.6485	1.2295	0.0023	0.5198	2.4050	0.0046	1.0167	4.0722	0.0078	1.7215
4068	554	1.3020	0.0024	0.6315	0.8894	0.0016	0.4313	1.8264	0.0033	0.8858	3.5254	0.0064	1.7098
4069	526	1.4320	0.0027	0.6296	1.0673	0.0020	0.4693	2.4630	0.0047	1.0829	3.6941	0.0070	1.6242
4070	594	1.7499	0.0029	0.7711	1.0637	0.0018	0.4687	2.0222	0.0034	0.8910	3.6769	0.0062	1.6201
4071	487	1.5068	0.0031	0.6985	1.1247	0.0023	0.5213	2.1630	0.0044	1.0026	3.3136	0.0068	1.5360
4072	490	1.5812	0.0032	0.7303	1.5220	0.0031	0.7030	2.0643	0.0042	0.9534	3.9101	0.0080	1.8060
4073	627	1.4395	0.0023	0.6547	1.5924	0.0025	0.7242	2.7261	0.0043	1.2399	3.5248	0.0056	1.6031
4074	554	1.4193	0.0026	0.6375	1.3522	0.0024	0.6073	2.4045	0.0043	1.0800	3.4537	0.0062	1.5512
4075	514	1.5314	0.0030	0.7543	1.8263	0.0036	0.8996	2.4657	0.0048	1.2145	3.5789	0.0070	1.7628
4076	528	1.4473	0.0027	0.6844	1.3320	0.0025	0.6299	2.3379	0.0044	1.1055	2.5219	0.0048	1.1926

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain
1051	522	0.0766	0.0001	0.0335	2.2887	0.0044	1.0000	3.9582	0.0076	1.7295	18.2056	0.0349	7.9546
1052	544	0.0636	0.0001	0.0275	2.3104	0.0042	1.0000	4.3353	0.0080	1.8764	20.4939	0.0377	8.8703
1053	558	0.0573	0.0001	0.0256	2.2403	0.0040	1.0000	4.1175	0.0074	1.8379	18.5530	0.0332	8.2815
1054	584	0.0514	0.0001	0.0235	2.1844	0.0037	1.0000	4.2959	0.0074	1.9666	21.3688	0.0366	9.7825
1055	530	0.0358	0.0001	0.0162	2.2050	0.0042	1.0000	4.1950	0.0079	1.9025	17.5579	0.0331	7.9628
1056	542	0.0608	0.0001	0.0272	2.2358	0.0041	1.0000	5.2507	0.0097	2.3485	22.2753	0.0411	9.9630
1057	657	0.0690	0.0001	0.0308	2.2412	0.0034	1.0000	5.4191	0.0082	2.4179	23.8240	0.0362	10.6300
1058	606	0.0570	0.0001	0.0260	2.1899	0.0036	1.0000	4.3446	0.0072	1.9839	19.7546	0.0326	9.0208
1059	600	0.0669	0.0001	0.0297	2.2553	0.0038	1.0000	5.2556	0.0088	2.3303	22.4195	0.0374	9.9408
1060	550	0.0572	0.0001	0.0247	2.3130	0.0042	1.0000	4.5912	0.0083	1.9850	19.5525	0.0355	8.4533
1061	626	0.0652	0.0001	0.0297	2.1943	0.0035	1.0000	4.1732	0.0067	1.9018	22.2091	0.0355	10.1213
1062	482	0.0686	0.0001	0.0330	2.0778	0.0043	1.0000	3.8808	0.0080	1.8677	14.8405	0.0308	7.1424
1063	528	0.0604	0.0001	0.0307	1.9695	0.0037	1.0000	3.8976	0.0074	1.9790	16.4946	0.0312	8.3750
1064	603	0.0622	0.0001	0.0262	2.3777	0.0039	1.0000	4.4452	0.0074	1.8695	21.1976	0.0352	8.9152
1065	543	0.0513	0.0001	0.0223	2.2966	0.0042	1.0000	4.6112	0.0085	2.0078	20.2976	0.0374	8.8381
1066	537	0.0623	0.0001	0.0280	2.2221	0.0041	1.0000	4.1259	0.0077	1.8568	21.2720	0.0396	9.5729
1067	563	0.0602	0.0001	0.0270	2.2256	0.0040	1.0000	3.8154	0.0068	1.7143	17.2010	0.0306	7.7287
1068	604	0.0583	0.0001	0.0253	2.3059	0.0038	1.0000	4.7390	0.0078	2.0552	19.9565	0.0330	8.6545
1069	559	0.0655	0.0001	0.0305	2.1471	0.0038	1.0000	4.1262	0.0074	1.9218	18.2524	0.0327	8.5010
1070	506	0.0592	0.0001	0.0261	2.2721	0.0045	1.0000	3.8863	0.0077	1.7104	17.1148	0.0339	7.5326
1071	568	0.0569	0.0001	0.0251	2.2638	0.0040	1.0000	4.1407	0.0073	1.8291	20.9629	0.0369	9.2600
1072	537	0.0676	0.0001	0.0294	2.2963	0.0043	1.0000	4.1036	0.0076	1.7870	18.1084	0.0337	7.8859
1073	564	0.0673	0.0001	0.0324	2.0797	0.0037	1.0000	4.0614	0.0072	1.9529	18.5993	0.0330	8.9433
1074	445	0.0409	0.0001	0.0201	2.0380	0.0046	1.0000	3.3279	0.0075	1.6329	13.8346	0.0311	6.7883
1075	505	0.0653	0.0001	0.0298	2.1912	0.0043	1.0000	4.6614	0.0092	2.1273	17.3643	0.0344	7.9246
1076	527	0.0563	0.0001	0.0275	2.0492	0.0039	1.0000	3.6086	0.0069	1.7610	17.6228	0.0335	8.5998

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain
2051	565	0.0583	0.0001	0.0253	2.3070	0.0041	1.0000	5.0935	0.0090	2.2078	20.1384	0.0357	8.7293
2052	567	0.0721	0.0001	0.0316	2.2811	0.0040	1.0000	4.5914	0.0081	2.0128	20.1601	0.0356	8.8379
2053	572	0.0634	0.0001	0.0302	2.0965	0.0037	1.0000	4.2156	0.0074	2.0108	20.2685	0.0354	9.6678
2054	562	0.0563	0.0001	0.0255	2.2120	0.0039	1.0000	4.3931	0.0078	1.9860	20.9899	0.0373	9.4891
2055	628	0.0534	0.0001	0.0243	2.2011	0.0035	1.0000	4.9773	0.0079	2.2613	21.7921	0.0347	9.9005
2056	580	0.0434	0.0001	0.0195	2.2218	0.0038	1.0000	5.0781	0.0087	2.2856	22.2553	0.0383	10.0168
2057	624	0.0553	0.0001	0.0250	2.2082	0.0035	1.0000	4.6950	0.0075	2.1262	22.3689	0.0358	10.1299
2058	498	0.0602	0.0001	0.0272	2.2118	0.0044	1.0000	3.8012	0.0076	1.7186	19.1250	0.0384	8.6468
2059	627	0.0616	0.0001	0.0271	2.2718	0.0036	1.0000	4.8532	0.0077	2.1363	24.2090	0.0386	10.6563
2060	563	0.0523	0.0001	0.0230	2.2728	0.0040	1.0000	4.6275	0.0082	2.0360	19.0663	0.0339	8.3889
2061	521	0.0662	0.0001	0.0313	2.1166	0.0041	1.0000	4.5943	0.0088	2.1706	18.0530	0.0347	8.5292
2062	626	0.0650	0.0001	0.0289	2.2454	0.0036	1.0000	5.0561	0.0081	2.2518	20.9537	0.0335	9.3318
2063	481	0.0508	0.0001	0.0239	2.1266	0.0044	1.0000	4.1030	0.0085	1.9294	15.7415	0.0328	7.4022
2064	494	0.0486	0.0001	0.0269	1.8091	0.0037	1.0000	3.8410	0.0078	2.1232	17.9748	0.0364	9.9358
2065	569	0.0724	0.0001	0.0356	2.0343	0.0036	1.0000	5.0421	0.0089	2.4785	23.0995	0.0406	11.3550
2066	532	0.0745	0.0001	0.0330	2.2568	0.0042	1.0000	5.2491	0.0099	2.3259	19.0787	0.0359	8.4539
2067	519	0.0664	0.0001	0.0315	2.1055	0.0041	1.0000	4.4973	0.0087	2.1360	17.7415	0.0342	8.4263
2068	556	0.0550	0.0001	0.0247	2.2279	0.0040	1.0000	4.8278	0.0087	2.1670	18.6621	0.0336	8.3765
2069	492	0.0419	0.0001	0.0190	2.2038	0.0045	1.0000	3.5518	0.0072	1.6117	15.6579	0.0318	7.1050
2070	573	0.0520	0.0001	0.0233	2.2273	0.0039	1.0000	4.4903	0.0078	2.0160	19.9883	0.0349	8.9742
2071	655	0.0511	0.0001	0.0213	2.4038	0.0037	1.0000	5.5925	0.0085	2.3265	24.9690	0.0381	10.3873
2072	557	0.0572	0.0001	0.0263	2.1708	0.0039	1.0000	4.1542	0.0075	1.9137	18.5260	0.0333	8.5342
2073	689	0.0853	0.0001	0.0346	2.4628	0.0036	1.0000	6.3347	0.0092	2.5722	26.2072	0.0380	10.6412
2074	587	0.0607	0.0001	0.0280	2.1672	0.0037	1.0000	5.1488	0.0088	2.3758	19.7057	0.0335	9.0927
2075	528	0.0554	0.0001	0.0249	2.2236	0.0042	1.0000	4.1317	0.0078	1.8581	18.3436	0.0347	8.2495
2076	559	0.0582	0.0001	0.0260	2.2417	0.0040	1.0000	4.5289	0.0081	2.0203	18.1023	0.0324	8.0753

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain
3051	609	0.0506	0.0001	0.0225	2.2458	0.0037	1.0000	4.9201	0.0081	2.1908	20.7988	0.0342	9.2612
3052	568	0.0569	0.0001	0.0264	2.1541	0.0038	1.0000	4.5377	0.0080	2.1065	23.7683	0.0418	11.0340
3053	508	0.0636	0.0001	0.0262	2.4237	0.0048	1.0000	4.8196	0.0095	1.9885	19.7733	0.0389	8.1583
3054	609	0.0552	0.0001	0.0254	2.1698	0.0036	1.0000	5.6603	0.0093	2.6087	21.5407	0.0354	9.9275
3055	564	0.0548	0.0001	0.0246	2.2244	0.0039	1.0000	4.9385	0.0088	2.2201	21.3899	0.0379	9.6160
3056	480	0.0492	0.0001	0.0231	2.1284	0.0044	1.0000	4.8793	0.0102	2.2925	16.3168	0.0340	7.6662
3057	602	0.0649	0.0001	0.0304	2.1335	0.0035	1.0000	4.4123	0.0073	2.0681	21.4758	0.0357	10.0660
3058	654	0.0618	0.0001	0.0256	2.4097	0.0037	1.0000	5.3003	0.0081	2.1996	21.6164	0.0330	8.9706
3059	509	0.0511	0.0001	0.0232	2.1981	0.0043	1.0000	4.5542	0.0090	2.0719	15.9342	0.0313	7.2491
3060	564	0.0685	0.0001	0.0306	2.2374	0.0040	1.0000	4.4819	0.0079	2.0032	18.2600	0.0324	8.1613
3061	604	0.0797	0.0001	0.0364	2.1902	0.0036	1.0000	5.2645	0.0087	2.4037	19.6602	0.0326	8.9764
3062	495	0.0534	0.0001	0.0269	1.9831	0.0040	1.0000	3.8306	0.0077	1.9316	16.4339	0.0332	8.2870
3063	620	0.0804	0.0001	0.0353	2.2794	0.0037	1.0000	4.6351	0.0075	2.0335	17.3985	0.0281	7.6329
3064	562	0.0558	0.0001	0.0263	2.1205	0.0038	1.0000	4.5267	0.0081	2.1347	21.9378	0.0390	10.3456
3065	560	0.0585	0.0001	0.0249	2.3497	0.0042	1.0000	4.8257	0.0086	2.0538	19.9809	0.0357	8.5036
3066	541	0.0582	0.0001	0.0250	2.3324	0.0043	1.0000	5.0444	0.0093	2.1628	18.0197	0.0333	7.7258
3067	545	0.0652	0.0001	0.0282	2.3146	0.0042	1.0000	5.5173	0.0101	2.3837	20.0781	0.0368	8.6745
3068	615	0.0696	0.0001	0.0303	2.2974	0.0037	1.0000	4.7052	0.0076	2.0481	23.9289	0.0389	10.4156
3069	673	0.0637	0.0001	0.0267	2.3887	0.0036	1.0000	5.4226	0.0081	2.2701	23.6643	0.0352	9.9068
3070	530	0.0721	0.0001	0.0337	2.1401	0.0040	1.0000	4.3711	0.0082	2.0425	17.7979	0.0336	8.3164
3071	563	0.0582	0.0001	0.0248	2.3435	0.0042	1.0000	4.0822	0.0073	1.7419	17.5724	0.0312	7.4984
3072	570	0.0694	0.0001	0.0305	2.2736	0.0040	1.0000	5.5666	0.0098	2.4484	20.7379	0.0364	9.1212
3073	522	0.0592	0.0001	0.0273	2.1677	0.0042	1.0000	4.4410	0.0085	2.0487	17.0725	0.0327	7.8759
3074	466	0.0543	0.0001	0.0274	1.9841	0.0043	1.0000	4.0971	0.0088	2.0650	14.7039	0.0315	7.4109
3075	603	0.0522	0.0001	0.0234	2.2280	0.0037	1.0000	5.1485	0.0085	2.3108	20.4413	0.0339	9.1747
3076	543	0.0463	0.0001	0.0221	2.0995	0.0039	1.0000	4.3965	0.0081	2.0941	20.5558	0.0379	9.7908

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain
4051	610	0.0690	0.0001	0.0327	2.1099	0.0035	1.0000	4.9348	0.0081	2.3389	23.3499	0.0383	11.0668
4052	536	0.0610	0.0001	0.0287	2.1255	0.0040	1.0000	5.0363	0.0094	2.3695	22.7215	0.0424	10.6900
4053	524	0.0731	0.0001	0.0335	2.1813	0.0042	1.0000	5.6097	0.0107	2.5717	23.1381	0.0442	10.6075
4054	594	0.0539	0.0001	0.0230	2.3459	0.0039	1.0000	5.1953	0.0087	2.2146	24.9117	0.0419	10.6193
4055	574	0.0611	0.0001	0.0279	2.1928	0.0038	1.0000	4.9755	0.0087	2.2690	20.1293	0.0351	9.1797
4056	584	0.0627	0.0001	0.0274	2.2898	0.0039	1.0000	5.4604	0.0093	2.3847	23.1791	0.0397	10.1228
4057	524	0.0701	0.0001	0.0306	2.2874	0.0044	1.0000	4.7977	0.0092	2.0974	18.6060	0.0355	8.1341
4058	447	0.0584	0.0001	0.0268	2.1798	0.0049	1.0000	4.2600	0.0095	1.9543	15.7320	0.0352	7.2172
4059	632	0.0718	0.0001	0.0341	2.1081	0.0033	1.0000	6.2645	0.0099	2.9716	22.1975	0.0352	10.5296
4060	580	0.0600	0.0001	0.0268	2.2398	0.0039	1.0000	4.5902	0.0079	2.0494	18.8364	0.0325	8.4099
4061	535	0.0467	0.0001	0.0215	2.1685	0.0041	1.0000	4.7753	0.0089	2.2021	16.1026	0.0301	7.4257
4062	531	0.0546	0.0001	0.0243	2.2491	0.0042	1.0000	4.8863	0.0092	2.1726	17.6240	0.0332	7.8360
4063	579	0.0709	0.0001	0.0310	2.2869	0.0040	1.0000	5.3097	0.0092	2.3218	17.8959	0.0309	7.8254
4064	603	0.0630	0.0001	0.0318	1.9808	0.0033	1.0000	5.3775	0.0089	2.7148	24.0722	0.0399	12.1528
4065	569	0.0644	0.0001	0.0307	2.0974	0.0037	1.0000	4.8757	0.0086	2.3246	22.8870	0.0402	10.9121
4066	566	0.0636	0.0001	0.0282	2.2576	0.0040	1.0000	5.2881	0.0093	2.3424	22.5152	0.0398	9.9731
4067	525	0.0586	0.0001	0.0248	2.3655	0.0045	1.0000	4.8341	0.0092	2.0436	18.6892	0.0356	7.9007
4068	554	0.0529	0.0001	0.0257	2.0619	0.0037	1.0000	4.9055	0.0089	2.3791	21.3278	0.0385	10.3438
4069	526	0.0714	0.0001	0.0314	2.2744	0.0043	1.0000	4.9252	0.0094	2.1655	19.5467	0.0372	8.5942
4070	594	0.0900	0.0002	0.0397	2.2695	0.0038	1.0000	5.3630	0.0090	2.3631	23.8212	0.0401	10.4962
4071	487	0.0528	0.0001	0.0245	2.1573	0.0044	1.0000	4.7957	0.0098	2.2230	18.6659	0.0383	8.6524
4072	490	0.0579	0.0001	0.0267	2.1651	0.0044	1.0000	4.9065	0.0100	2.2662	17.9412	0.0366	8.2865
4073	627	0.0729	0.0001	0.0332	2.1987	0.0035	1.0000	5.6317	0.0090	2.5614	22.4874	0.0359	10.2276
4074	554	0.0786	0.0001	0.0353	2.2264	0.0040	1.0000	5.8491	0.0106	2.6272	21.6708	0.0391	9.7336
4075	514	0.0739	0.0001	0.0364	2.0302	0.0040	1.0000	4.4086	0.0086	2.1715	18.3691	0.0358	9.0479
4076	528	0.0677	0.0001	0.0320	2.1147	0.0040	1.0000	4.8386	0.0092	2.2881	17.8088	0.0338	8.4214

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	EPIDIDYMIS LEFT Weight g	EPIDIDYMIS LEFT %FBW	EPIDIDYMIS LEFT %Brain
1051	522	1.6093	0.0031	0.7032	0.0143	0.0000	0.0062	0.6877	0.0013	0.3005	0.7028	0.0013	0.3071
1052	544	2.0821	0.0038	0.9012	0.0130	0.0000	0.0056	0.8566	0.0016	0.3708	0.7784	0.0014	0.3369
1053	558	2.1254	0.0038	0.9487	0.0142	0.0000	0.0063	0.8393	0.0015	0.3746	0.7597	0.0014	0.3391
1054	584	1.9264	0.0033	0.8819	0.0135	0.0000	0.0062	0.9934	0.0017	0.4548	0.7923	0.0014	0.3627
1055	530	1.7003	0.0032	0.7711	0.0122	0.0000	0.0055	0.6840	0.0013	0.3102	0.7599	0.0014	0.3446
1056	542	1.9051	0.0035	0.8521	0.0134	0.0000	0.0060	0.9639	0.0018	0.4311	0.8698	0.0016	0.3890
1057	657	2.0221	0.0031	0.9022	0.0175	0.0000	0.0078	0.9526	0.0014	0.4250	0.7395	0.0011	0.3300
1058	606	2.3321	0.0039	1.0649	0.0145	0.0000	0.0066	0.9497	0.0016	0.4337	0.6864	0.0011	0.3134
1059	600	1.9164	0.0032	0.8497	0.0138	0.0000	0.0061	1.0318	0.0017	0.4575	0.7093	0.0012	0.3145
1060	550	1.7965	0.0033	0.7767	0.0135	0.0000	0.0058	0.8862	0.0016	0.3831	0.8631	0.0016	0.3732
1061	626	2.0228	0.0032	0.9218	0.0129	0.0000	0.0059	1.1488	0.0018	0.5235	0.7810	0.0012	0.3559
1062	482	1.7719	0.0037	0.8528	0.0122	0.0000	0.0059	0.7702	0.0016	0.3707	0.6787	0.0014	0.3266
1063	528	1.6225	0.0031	0.8238	0.0122	0.0000	0.0062	0.7275	0.0014	0.3694	0.6840	0.0013	0.3473
1064	603	2.0426	0.0034	0.8591	0.0118	0.0000	0.0050	0.8720	0.0014	0.3667	0.6832	0.0011	0.2873
1065	543	1.7931	0.0033	0.7808	0.0157	0.0000	0.0068	0.9725	0.0018	0.4235	0.7015	0.0013	0.3055
1066	537	1.7297	0.0032	0.7784	0.0071	0.0000	0.0032	0.6767	0.0013	0.3045	0.6645	0.0012	0.2990
1067	563	1.9191	0.0034	0.8623	0.0620	0.0001	0.0279	0.8516	0.0015	0.3826	0.7396	0.0013	0.3323
1068	604	2.1240	0.0035	0.9211	0.0170	0.0000	0.0074	0.9210	0.0015	0.3994	0.6093	0.0010	0.2642
1069	559	1.7784	0.0032	0.8283	0.0124	0.0000	0.0058	0.9001	0.0016	0.4192	0.6549	0.0012	0.3050
1070	506	1.6540	0.0033	0.7280	0.0130	0.0000	0.0057	0.8910	0.0018	0.3921	0.7604	0.0015	0.3347
1071	568	1.7132	0.0030	0.7568	0.0148	0.0000	0.0065	0.8648	0.0015	0.3820	0.7056	0.0012	0.3117
1072	537	1.6230	0.0030	0.7068	0.0137	0.0000	0.0060	0.7177	0.0013	0.3125	0.6172	0.0011	0.2688
1073	564	1.6953	0.0030	0.8152	0.0128	0.0000	0.0062	0.7699	0.0014	0.3702	0.7680	0.0014	0.3693
1074	445	1.4203	0.0032	0.6969	0.0099	0.0000	0.0049	0.6017	0.0014	0.2952	0.7258	0.0016	0.3561
1075	505	1.7243	0.0034	0.7869	0.0128	0.0000	0.0058	0.7027	0.0014	0.3207	0.7351	0.0015	0.3355
1076	527	1.6950	0.0032	0.8272	0.0109	0.0000	0.0053	0.7921	0.0015	0.3865	0.5997	0.0011	0.2927

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	EPIDIDYMIS LEFT Weight g	EPIDIDYMIS LEFT %FBW	EPIDIDYMIS LEFT %Brain
2051	565	1.7192	0.0030	0.7452	0.0123	0.0000	0.0053	0.6648	0.0012	0.2882	0.7378	0.0013	0.3198
2052	567	2.0216	0.0036	0.8862	0.0127	0.0000	0.0056	0.9472	0.0017	0.4152	0.7866	0.0014	0.3448
2053	572	1.7770	0.0031	0.8476	0.0131	0.0000	0.0062	0.6770	0.0012	0.3229	0.7523	0.0013	0.3588
2054	562	1.8707	0.0033	0.8457	0.0133	0.0000	0.0060	0.8884	0.0016	0.4016	0.7113	0.0013	0.3216
2055	628	1.9840	0.0032	0.9014	0.0125	0.0000	0.0057	0.9734	0.0016	0.4422	0.6702	0.0011	0.3045
2056	580	1.8320	0.0032	0.8246	0.0125	0.0000	0.0056	0.8701	0.0015	0.3916	0.8003	0.0014	0.3602
2057	624	1.8777	0.0030	0.8503	0.0138	0.0000	0.0062	0.7736	0.0012	0.3503	0.7459	0.0012	0.3378
2058	498	1.7903	0.0036	0.8094	0.0109	0.0000	0.0049	0.8250	0.0017	0.3730	0.6550	0.0013	0.2961
2059	627	2.1801	0.0035	0.9596	0.0134	0.0000	0.0059	0.9730	0.0016	0.4283	0.2942	0.0005	0.1295
2060	563	1.8339	0.0033	0.8069	0.0128	0.0000	0.0056	0.8533	0.0015	0.3754	0.6731	0.0012	0.2962
2061	521	1.5858	0.0030	0.7492	0.0140	0.0000	0.0066	1.0347	0.0020	0.4889	0.7130	0.0014	0.3369
2062	626	1.7349	0.0028	0.7726	0.0175	0.0000	0.0078	0.9228	0.0015	0.4110	0.7893	0.0013	0.3515
2063	481	1.7683	0.0037	0.8315	0.0133	0.0000	0.0063	0.6736	0.0014	0.3167	0.7203	0.0015	0.3387
2064	494	1.5372	0.0031	0.8497	0.0118	0.0000	0.0065	0.7271	0.0015	0.4019	0.5305	0.0011	0.2932
2065	569	1.8388	0.0032	0.9039	0.0114	0.0000	0.0056	0.9633	0.0017	0.4735	0.6642	0.0012	0.3265
2066	532	1.9255	0.0036	0.8532	0.0091	0.0000	0.0040	0.9060	0.0017	0.4015	0.7975	0.0015	0.3534
2067	519	1.8276	0.0035	0.8680	0.0143	0.0000	0.0068	0.7722	0.0015	0.3668	0.7215	0.0014	0.3427
2068	556	1.7807	0.0032	0.7993	0.0107	0.0000	0.0048	0.8186	0.0015	0.3674	0.7082	0.0013	0.3179
2069	492	1.6528	0.0034	0.7500	0.0109	0.0000	0.0049	0.6852	0.0014	0.3109	0.5817	0.0012	0.2640
2070	573	1.8576	0.0032	0.8340	0.0137	0.0000	0.0062	0.9079	0.0016	0.4076	0.7426	0.0013	0.3334
2071	655	2.0985	0.0032	0.8730	0.0165	0.0000	0.0069	1.0215	0.0016	0.4250	0.6673	0.0010	0.2776
2072	557	1.7625	0.0032	0.8119	0.0138	0.0000	0.0064	0.8192	0.0015	0.3774	0.8483	0.0015	0.3908
2073	689	2.3678	0.0034	0.9614	0.0165	0.0000	0.0067	1.2036	0.0017	0.4887	0.8093	0.0012	0.3286
2074	587	1.8158	0.0031	0.8379	0.0139	0.0000	0.0064	0.8089	0.0014	0.3732	0.7040	0.0012	0.3248
2075	528	1.9237	0.0036	0.8651	0.0136	0.0000	0.0061	0.7790	0.0015	0.3503	0.8617	0.0016	0.3875
2076	559	2.0871	0.0037	0.9310	0.0130	0.0000	0.0058	1.0800	0.0019	0.4818	0.7717	0.0014	0.3442

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	EPIDIDYMIS LEFT Weight g	EPIDIDYMIS LEFT %FBW	EPIDIDYMIS LEFT %Brain
3051	609	2.0245	0.0033	0.9015	0.0140	0.0000	0.0062	0.9678	0.0016	0.4309	0.6805	0.0011	0.3030
3052	568	1.8390	0.0032	0.8537	0.0139	0.0000	0.0065	0.6688	0.0012	0.3105	0.6764	0.0012	0.3140
3053	508	1.7891	0.0035	0.7382	0.0155	0.0000	0.0064	0.7243	0.0014	0.2988	0.7023	0.0014	0.2898
3054	609	1.6474	0.0027	0.7592	0.0161	0.0000	0.0074	0.8956	0.0015	0.4128	0.6697	0.0011	0.3086
3055	564	2.1859	0.0039	0.9827	0.0163	0.0000	0.0073	0.8586	0.0015	0.3860	0.6358	0.0011	0.2858
3056	480	1.7553	0.0037	0.8247	0.0125	0.0000	0.0059	0.6449	0.0013	0.3030	0.6784	0.0014	0.3187
3057	602	2.0264	0.0034	0.9498	0.0126	0.0000	0.0059	0.7137	0.0012	0.3345	0.7788	0.0013	0.3650
3058	654	2.1791	0.0033	0.9043	0.0125	0.0000	0.0052	0.8055	0.0012	0.3343	0.8438	0.0013	0.3502
3059	509	1.7644	0.0035	0.8027	0.0115	0.0000	0.0052	0.8260	0.0016	0.3758	0.6560	0.0013	0.2984
3060	564	1.9960	0.0035	0.8921	0.0138	0.0000	0.0062	0.9569	0.0017	0.4277	0.7010	0.0012	0.3133
3061	604	1.8491	0.0031	0.8443	0.0173	0.0000	0.0079	0.7261	0.0012	0.3315	0.8399	0.0014	0.3835
3062	495	1.5948	0.0032	0.8042	0.0115	0.0000	0.0058	0.5953	0.0012	0.3002	0.6056	0.0012	0.3054
3063	620	1.8451	0.0030	0.8095	0.0141	0.0000	0.0062	0.9343	0.0015	0.4099	0.8211	0.0013	0.3602
3064	562	1.6817	0.0030	0.7931	0.0146	0.0000	0.0069	1.0241	0.0018	0.4830	0.7501	0.0013	0.3537
3065	560	1.9642	0.0035	0.8359	0.0153	0.0000	0.0065	0.9801	0.0017	0.4171	0.6184	0.0011	0.2632
3066	541	1.7716	0.0033	0.7596	0.0184	0.0000	0.0079	0.4805	0.0009	0.2060	0.6702	0.0012	0.2873
3067	545	2.2077	0.0041	0.9538	0.0161	0.0000	0.0070	0.7109	0.0013	0.3071	0.6868	0.0013	0.2967
3068	615	1.8972	0.0031	0.8258	0.0099	0.0000	0.0043	0.8848	0.0014	0.3851	0.8958	0.0015	0.3899
3069	673	1.9375	0.0029	0.8111	0.0121	0.0000	0.0051	0.8773	0.0013	0.3673	0.7392	0.0011	0.3095
3070	530	1.8257	0.0034	0.8531	0.0094	0.0000	0.0044	0.7958	0.0015	0.3719	0.6511	0.0012	0.3042
3071	563	1.8031	0.0032	0.7694	0.0135	0.0000	0.0058	0.7882	0.0014	0.3363	0.6907	0.0012	0.2947
3072	570	2.0290	0.0036	0.8924	0.0109	0.0000	0.0048	0.8584	0.0015	0.3776	0.7313	0.0013	0.3216
3073	522	1.7901	0.0034	0.8258	0.0096	0.0000	0.0044	0.7731	0.0015	0.3566	0.8332	0.0016	0.3844
3074	466	1.4070	0.0030	0.7091	0.0118	0.0000	0.0059	0.6786	0.0015	0.3420	0.6378	0.0014	0.3215
3075	603	1.8915	0.0031	0.8490	0.0113	0.0000	0.0051	1.0127	0.0017	0.4545	0.6460	0.0011	0.2899
3076	543	2.0058	0.0037	0.9554	0.0105	0.0000	0.0050	0.7958	0.0015	0.3790	0.6961	0.0013	0.3316

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	EPIDIDYMIS LEFT Weight g	EPIDIDYMIS LEFT %FBW	EPIDIDYMIS LEFT %Brain
4051	610	2.1303	0.0035	1.0097	0.0141	0.0000	0.0067	0.8999	0.0015	0.4265	0.8275	0.0014	0.3922
4052	536	2.1548	0.0040	1.0138	0.0143	0.0000	0.0067	0.6996	0.0013	0.3291	0.6769	0.0013	0.3185
4053	524	2.2303	0.0043	1.0225	0.0158	0.0000	0.0072	0.9725	0.0019	0.4458	0.7346	0.0014	0.3368
4054	594	2.0303	0.0034	0.8655	0.0146	0.0000	0.0062	0.8952	0.0015	0.3816	0.7944	0.0013	0.3386
4055	574	1.9237	0.0034	0.8773	0.0136	0.0000	0.0062	0.7612	0.0013	0.3471	0.6683	0.0012	0.3048
4056	584	1.9427	0.0033	0.8484	0.0138	0.0000	0.0060	0.8929	0.0015	0.3899	0.7692	0.0013	0.3359
4057	524	1.6880	0.0032	0.7380	0.0099	0.0000	0.0043	0.7843	0.0015	0.3429	0.7607	0.0015	0.3326
4058	447	1.8189	0.0041	0.8344	0.0127	0.0000	0.0058	0.7172	0.0016	0.3290	0.6898	0.0015	0.3165
4059	632	1.9265	0.0031	0.9139	0.0175	0.0000	0.0083	0.8106	0.0013	0.3845	0.7249	0.0011	0.3439
4060	580	1.9754	0.0034	0.8820	0.0138	0.0000	0.0062	0.9095	0.0016	0.4061	0.6088	0.0011	0.2718
4061	535	1.6441	0.0031	0.7582	0.0154	0.0000	0.0071	0.6576	0.0012	0.3033	0.8345	0.0016	0.3848
4062	531	1.8972	0.0036	0.8435	0.0145	0.0000	0.0064	1.0348	0.0020	0.4601	0.8222	0.0015	0.3656
4063	579	2.0076	0.0035	0.8779	0.0144	0.0000	0.0063	0.7117	0.0012	0.3112	0.7644	0.0013	0.3343
4064	603	1.5406	0.0026	0.7778	0.0121	0.0000	0.0061	0.7700	0.0013	0.3887	0.5662	0.0009	0.2858
4065	569	1.9591	0.0034	0.9341	0.0151	0.0000	0.0072	0.7983	0.0014	0.3806	0.6700	0.0012	0.3194
4066	566	2.0355	0.0036	0.9016	0.0143	0.0000	0.0063	0.7378	0.0013	0.3268	0.5843	0.0010	0.2588
4067	525	1.5871	0.0030	0.6709	0.0136	0.0000	0.0057	0.8380	0.0016	0.3543	0.7436	0.0014	0.3144
4068	554	1.7187	0.0031	0.8336	0.0124	0.0000	0.0060	0.9183	0.0017	0.4454	0.6271	0.0011	0.3041
4069	526	1.6479	0.0031	0.7245	0.0140	0.0000	0.0062	0.7707	0.0015	0.3389	0.7188	0.0014	0.3160
4070	594	2.0156	0.0034	0.8881	0.0118	0.0000	0.0052	0.7873	0.0013	0.3469	0.8624	0.0015	0.3800
4071	487	1.7204	0.0035	0.7975	0.0110	0.0000	0.0051	0.6413	0.0013	0.2973	0.7094	0.0015	0.3288
4072	490	1.7397	0.0035	0.8035	0.0155	0.0000	0.0072	0.8015	0.0016	0.3702	0.7536	0.0015	0.3481
4073	627	1.9051	0.0030	0.8665	0.0153	0.0000	0.0070	1.0394	0.0017	0.4727	0.6991	0.0011	0.3180
4074	554	2.1354	0.0039	0.9591	0.0142	0.0000	0.0064	0.9195	0.0017	0.4130	0.6947	0.0013	0.3120
4075	514	1.6841	0.0033	0.8295	0.0096	0.0000	0.0047	0.8642	0.0017	0.4257	0.7677	0.0015	0.3781
4076	528	1.5845	0.0030	0.7493	0.0150	0.0000	0.0071	0.7701	0.0015	0.3642	0.7225	0.0014	0.3417

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain
1051	522	0.7466	0.0014	0.3262	1.7979	0.0034	0.7856	1.8247	0.0035	0.7973
1052	544	0.8281	0.0015	0.3584	1.7653	0.0032	0.7641	1.7668	0.0032	0.7647
1053	558	0.8384	0.0015	0.3742	1.8211	0.0033	0.8129	1.8542	0.0033	0.8277
1054	584	0.8311	0.0014	0.3805	1.7947	0.0031	0.8216	1.7688	0.0030	0.8097
1055	530	0.7421	0.0014	0.3366	1.6811	0.0032	0.7624	1.6295	0.0031	0.7390
1056	542	0.9014	0.0017	0.4032	1.8916	0.0035	0.8461	1.9678	0.0036	0.8801
1057	657	0.7218	0.0011	0.3221	1.7627	0.0027	0.7865	1.6605	0.0025	0.7409
1058	606	0.6994	0.0012	0.3194	1.5305	0.0025	0.6989	1.5265	0.0025	0.6971
1059	600	0.6724	0.0011	0.2981	1.7388	0.0029	0.7710	1.7355	0.0029	0.7695
1060	550	0.9632	0.0018	0.4164	1.8415	0.0033	0.7962	1.9425	0.0035	0.8398
1061	626	0.7796	0.0012	0.3553	1.6410	0.0026	0.7478	1.5971	0.0026	0.7278
1062	482	0.5991	0.0012	0.2883	1.6661	0.0035	0.8019	1.7006	0.0035	0.8185
1063	528	0.7305	0.0014	0.3709	1.7500	0.0033	0.8886	1.7867	0.0034	0.9072
1064	603	0.7786	0.0013	0.3275	1.6618	0.0028	0.6989	1.6638	0.0028	0.6998
1065	543	0.7305	0.0013	0.3181	1.6714	0.0031	0.7278	1.6631	0.0031	0.7242
1066	537	0.7101	0.0013	0.3196	1.6746	0.0031	0.7536	1.7453	0.0032	0.7854
1067	563	0.8237	0.0015	0.3701	2.0004	0.0036	0.8988	2.1648	0.0038	0.9727
1068	604	0.6496	0.0011	0.2817	1.7755	0.0029	0.7700	1.7580	0.0029	0.7624
1069	559	0.6479	0.0012	0.3018	1.9325	0.0035	0.9001	2.0064	0.0036	0.9345
1070	506	0.7926	0.0016	0.3488	1.8252	0.0036	0.8033	1.9218	0.0038	0.8458
1071	568	0.7426	0.0013	0.3280	1.8388	0.0032	0.8123	1.7893	0.0031	0.7904
1072	537	0.6843	0.0013	0.2980	1.6778	0.0031	0.7307	1.7021	0.0032	0.7412
1073	564	0.7537	0.0013	0.3624	1.9348	0.0034	0.9303	1.9143	0.0034	0.9205
1074	445	0.7751	0.0017	0.3803	1.7292	0.0039	0.8485	1.6910	0.0038	0.8297
1075	505	0.7566	0.0015	0.3453	1.7728	0.0035	0.8091	1.7792	0.0035	0.8120
1076	527	0.6292	0.0012	0.3070	1.5145	0.0029	0.7391	1.5620	0.0030	0.7622

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain
2051	565	0.7556	0.0013	0.3275	1.7722	0.0031	0.7682	1.7534	0.0031	0.7600
2052	567	0.7996	0.0014	0.3505	1.7621	0.0031	0.7725	1.7640	0.0031	0.7733
2053	572	0.7408	0.0013	0.3534	1.7429	0.0030	0.8313	1.6938	0.0030	0.8079
2054	562	0.6695	0.0012	0.3027	1.8718	0.0033	0.8462	1.7994	0.0032	0.8135
2055	628	0.6714	0.0011	0.3050	1.3605	0.0022	0.6181	1.4036	0.0022	0.6377
2056	580	0.8355	0.0014	0.3760	2.0227	0.0035	0.9104	1.9546	0.0034	0.8797
2057	624	0.7155	0.0011	0.3240	1.5923	0.0026	0.7211	1.6351	0.0026	0.7405
2058	498	0.6728	0.0014	0.3042	1.6341	0.0033	0.7388	1.6778	0.0034	0.7586
2059	627	0.4200	0.0007	0.1849	0.3953	0.0006	0.1740	0.3838	0.0006	0.1689
2060	563	0.6908	0.0012	0.3039	1.7344	0.0031	0.7631	1.7314	0.0031	0.7618
2061	521	0.7877	0.0015	0.3722	1.8638	0.0036	0.8806	1.7676	0.0034	0.8351
2062	626	0.8114	0.0013	0.3614	1.9119	0.0031	0.8515	1.8870	0.0030	0.8404
2063	481	0.7344	0.0015	0.3453	1.6911	0.0035	0.7952	1.6930	0.0035	0.7961
2064	494	0.5681	0.0011	0.3140	1.4215	0.0029	0.7857	1.4106	0.0029	0.7797
2065	569	0.6282	0.0011	0.3088	1.7978	0.0032	0.8837	1.8482	0.0033	0.9085
2066	532	0.7430	0.0014	0.3292	1.9942	0.0037	0.8836	1.9814	0.0037	0.8780
2067	519	0.7678	0.0015	0.3647	1.9063	0.0037	0.9054	1.9393	0.0037	0.9211
2068	556	0.7743	0.0014	0.3475	1.6364	0.0029	0.7345	1.6370	0.0029	0.7348
2069	492	0.6011	0.0012	0.2728	1.5090	0.0031	0.6847	1.5573	0.0032	0.7066
2070	573	0.7406	0.0013	0.3325	1.9315	0.0034	0.8672	1.9355	0.0034	0.8690
2071	655	0.7003	0.0011	0.2913	1.8035	0.0028	0.7503	1.8244	0.0028	0.7590
2072	557	0.8424	0.0015	0.3881	1.7299	0.0031	0.7969	1.7983	0.0032	0.8284
2073	689	0.9097	0.0013	0.3694	2.0322	0.0029	0.8252	2.0921	0.0030	0.8495
2074	587	0.7643	0.0013	0.3527	1.7077	0.0029	0.7880	1.7577	0.0030	0.8110
2075	528	0.8323	0.0016	0.3743	1.9811	0.0038	0.8909	2.0090	0.0038	0.9035
2076	559	0.7699	0.0014	0.3434	1.8723	0.0033	0.8352	1.8655	0.0033	0.8322

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain
3051	609	0.7012	0.0012	0.3122	1.6555	0.0027	0.7372	1.6554	0.0027	0.7371
3052	568	0.6952	0.0012	0.3227	1.6726	0.0029	0.7765	1.6831	0.0030	0.7813
3053	508	0.7072	0.0014	0.2918	1.8272	0.0036	0.7539	1.8176	0.0036	0.7499
3054	609	0.7004	0.0012	0.3228	1.6055	0.0026	0.7399	1.6433	0.0027	0.7574
3055	564	0.6347	0.0011	0.2853	1.5111	0.0027	0.6793	1.5139	0.0027	0.6806
3056	480	0.7083	0.0015	0.3328	1.8005	0.0038	0.8459	1.7370	0.0036	0.8161
3057	602	0.8250	0.0014	0.3867	1.7414	0.0029	0.8162	1.7256	0.0029	0.8088
3058	654	0.7928	0.0012	0.3290	1.9550	0.0030	0.8113	1.8739	0.0029	0.7776
3059	509	0.7167	0.0014	0.3261	1.8336	0.0036	0.8342	1.7111	0.0034	0.7784
3060	564	0.6423	0.0011	0.2871	1.5197	0.0027	0.6792	1.6171	0.0029	0.7228
3061	604	0.7593	0.0013	0.3467	1.8563	0.0031	0.8475	1.8928	0.0031	0.8642
3062	495	0.6240	0.0013	0.3147	1.6197	0.0033	0.8168	1.5971	0.0032	0.8054
3063	620	0.8585	0.0014	0.3766	1.9667	0.0032	0.8628	1.9662	0.0032	0.8626
3064	562	0.7194	0.0013	0.3393	1.7783	0.0032	0.8386	1.7652	0.0031	0.8324
3065	560	0.6850	0.0012	0.2915	1.5499	0.0028	0.6596	1.5538	0.0028	0.6613
3066	541	0.6763	0.0013	0.2900	1.8792	0.0035	0.8057	1.8514	0.0034	0.7938
3067	545	0.7375	0.0014	0.3186	1.8785	0.0034	0.8116	1.8622	0.0034	0.8045
3068	615	0.7687	0.0012	0.3346	1.7185	0.0028	0.7480	1.7531	0.0028	0.7631
3069	673	0.7125	0.0011	0.2983	1.8789	0.0028	0.7866	1.9080	0.0028	0.7988
3070	530	0.6905	0.0013	0.3226	1.6494	0.0031	0.7707	1.6411	0.0031	0.7668
3071	563	0.6887	0.0012	0.2939	1.6119	0.0029	0.6878	1.6152	0.0029	0.6892
3072	570	0.8145	0.0014	0.3582	1.5561	0.0027	0.6844	1.5528	0.0027	0.6830
3073	522	0.7918	0.0015	0.3653	1.7001	0.0033	0.7843	1.6732	0.0032	0.7719
3074	466	0.6694	0.0014	0.3374	1.7003	0.0036	0.8570	1.7140	0.0037	0.8639
3075	603	0.6492	0.0011	0.2914	1.5165	0.0025	0.6807	1.5485	0.0026	0.6950
3076	543	0.6584	0.0012	0.3136	1.6660	0.0031	0.7935	1.6374	0.0030	0.7799

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain
4051	610	0.8402	0.0014	0.3982	1.9649	0.0032	0.9313	2.0193	0.0033	0.9571
4052	536	0.7048	0.0013	0.3316	1.7572	0.0033	0.8267	1.7960	0.0034	0.8450
4053	524	0.7540	0.0014	0.3457	1.7099	0.0033	0.7839	1.7404	0.0033	0.7979
4054	594	0.8441	0.0014	0.3598	1.8925	0.0032	0.8067	1.9192	0.0032	0.8181
4055	574	0.6518	0.0011	0.2972	1.7893	0.0031	0.8160	1.9057	0.0033	0.8691
4056	584	0.6957	0.0012	0.3038	1.6929	0.0029	0.7393	1.6944	0.0029	0.7400
4057	524	0.8163	0.0016	0.3569	1.8091	0.0035	0.7909	1.8038	0.0034	0.7886
4058	447	0.6674	0.0015	0.3062	2.0588	0.0046	0.9445	1.9028	0.0043	0.8729
4059	632	0.8498	0.0013	0.4031	1.6503	0.0026	0.7828	1.7024	0.0027	0.8076
4060	580	0.6346	0.0011	0.2833	1.6736	0.0029	0.7472	1.6980	0.0029	0.7581
4061	535	0.8413	0.0016	0.3880	1.9889	0.0037	0.9172	1.9909	0.0037	0.9181
4062	531	0.8314	0.0016	0.3697	1.7580	0.0033	0.7816	1.8192	0.0034	0.8089
4063	579	0.8274	0.0014	0.3618	1.8087	0.0031	0.7909	1.8617	0.0032	0.8141
4064	603	0.5722	0.0009	0.2889	1.4576	0.0024	0.7359	1.4331	0.0024	0.7235
4065	569	0.6979	0.0012	0.3327	1.9140	0.0034	0.9126	1.8874	0.0033	0.8999
4066	566	0.6216	0.0011	0.2753	1.5003	0.0026	0.6646	1.5957	0.0028	0.7068
4067	525	0.7731	0.0015	0.3268	2.0325	0.0039	0.8592	2.0148	0.0038	0.8517
4068	554	0.6626	0.0012	0.3214	1.6794	0.0030	0.8145	1.8281	0.0033	0.8866
4069	526	0.6911	0.0013	0.3039	1.8353	0.0035	0.8069	1.8404	0.0035	0.8092
4070	594	0.8650	0.0015	0.3811	1.8255	0.0031	0.8044	1.8403	0.0031	0.8109
4071	487	0.8076	0.0017	0.3744	1.6620	0.0034	0.7704	1.6571	0.0034	0.7681
4072	490	0.8393	0.0017	0.3876	1.9664	0.0040	0.9082	2.0144	0.0041	0.9304
4073	627	0.7614	0.0012	0.3463	1.7367	0.0028	0.7899	1.8008	0.0029	0.8190
4074	554	0.7282	0.0013	0.3271	1.6858	0.0030	0.7572	1.7699	0.0032	0.7950
4075	514	0.7801	0.0015	0.3842	1.7817	0.0035	0.8776	1.8121	0.0035	0.8926
4076	528	0.7328	0.0014	0.3465	1.7598	0.0033	0.8322	1.7735	0.0034	0.8387

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain
1551	364	0.1317	0.0004	0.0638	0.5995	0.0016	0.2903	0.0697	0.0002	0.0338	2.0650	0.0057	1.0000
1552	337	0.1158	0.0003	0.0583	1.0326	0.0031	0.5195	0.0846	0.0003	0.0426	1.9878	0.0059	1.0000
1553	378	0.1580	0.0004	0.0716	0.5230	0.0014	0.2369	0.6155	0.0016	0.2788	2.2074	0.0058	1.0000
1554	316	0.1044	0.0003	0.0538	0.7091	0.0022	0.3652	0.0545	0.0002	0.0281	1.9418	0.0062	1.0000
1555	334	0.1167	0.0003	0.0565	0.5549	0.0017	0.2686	0.0757	0.0002	0.0366	2.0660	0.0062	1.0000
1556	341	0.1341	0.0004	0.0632	0.9931	0.0029	0.4679	0.0700	0.0002	0.0330	2.1223	0.0062	1.0000
1557	338	0.1221	0.0004	0.0516	0.5632	0.0017	0.2381	0.1052	0.0003	0.0445	2.3655	0.0070	1.0000
1558	306	0.0925	0.0003	0.0479	0.4930	0.0016	0.2556	0.0620	0.0002	0.0321	1.9291	0.0063	1.0000
1560	350	0.1543	0.0004	0.0727	0.6723	0.0019	0.3168	0.1010	0.0003	0.0476	2.1224	0.0061	1.0000
1561	325	0.1557	0.0005	0.0779	0.4807	0.0015	0.2406	0.0291	0.0001	0.0146	1.9977	0.0062	1.0000
1563	331	0.1466	0.0004	0.0697	1.0252	0.0031	0.4872	0.0798	0.0002	0.0379	2.1042	0.0064	1.0000
1564	334	0.1144	0.0003	0.0599	0.7676	0.0023	0.4022	0.1040	0.0003	0.0545	1.9085	0.0057	1.0000
1566	352	0.1315	0.0004	0.0603	0.9504	0.0027	0.4356	0.0771	0.0002	0.0353	2.1818	0.0062	1.0000
1567	336	0.1273	0.0004	0.0623	0.7770	0.0023	0.3800	0.0839	0.0002	0.0410	2.0445	0.0061	1.0000
1568	307	0.1048	0.0003	0.0575	0.7747	0.0025	0.4250	0.0843	0.0003	0.0463	1.8227	0.0059	1.0000
1569	288	0.1192	0.0004	0.0580	0.7354	0.0026	0.3581	0.0919	0.0003	0.0448	2.0536	0.0071	1.0000
1570	316	0.1360	0.0004	0.0618	0.8549	0.0027	0.3884	0.0806	0.0003	0.0366	2.2008	0.0070	1.0000
1571	366	0.1324	0.0004	0.0630	0.5050	0.0014	0.2404	0.0911	0.0002	0.0434	2.1004	0.0057	1.0000
1572	341	0.1404	0.0004	0.0656	0.5695	0.0017	0.2661	0.0718	0.0002	0.0336	2.1398	0.0063	1.0000
1573	315	0.1127	0.0004	0.0564	1.0250	0.0033	0.5134	0.0697	0.0002	0.0349	1.9966	0.0063	1.0000
1574	323	0.1839	0.0006	0.0900	0.6015	0.0019	0.2944	0.0808	0.0003	0.0395	2.0433	0.0063	1.0000
1575	285	0.1065	0.0004	0.0492	0.6870	0.0024	0.3176	0.0767	0.0003	0.0355	2.1634	0.0076	1.0000
1576	340	0.1129	0.0003	0.0562	0.6082	0.0018	0.3027	0.0705	0.0002	0.0351	2.0092	0.0059	1.0000

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain
2551	322	0.1204	0.0004	0.0614	0.4801	0.0015	0.2448	0.0761	0.0002	0.0388	1.9613	0.0061	1.0000
2552	352	0.1257	0.0004	0.0564	0.5943	0.0017	0.2668	0.0885	0.0003	0.0397	2.2279	0.0063	1.0000
2553	320	0.0896	0.0003	0.0455	0.5300	0.0017	0.2690	0.0820	0.0003	0.0416	1.9699	0.0062	1.0000
2554	346	0.1344	0.0004	0.0641	0.7331	0.0021	0.3495	0.0942	0.0003	0.0449	2.0973	0.0061	1.0000
2555	276	0.1073	0.0004	0.0517	0.8386	0.0030	0.4044	0.0663	0.0002	0.0320	2.0737	0.0075	1.0000
2556	317				1.0521	0.0033	0.5142	0.0852	0.0003	0.0416	2.0462	0.0065	1.0000
2557	338	0.1217	0.0004	0.0578	0.6939	0.0021	0.3297	0.0695	0.0002	0.0330	2.1049	0.0062	1.0000
2558	335	0.1061	0.0003	0.0543	0.6473	0.0019	0.3311	0.0675	0.0002	0.0345	1.9551	0.0058	1.0000
2560	324	0.1465	0.0005	0.0721	0.8935	0.0028	0.4400	0.0765	0.0002	0.0377	2.0308	0.0063	1.0000
2561	313	0.1137	0.0004	0.0586	0.7513	0.0024	0.3872	0.0858	0.0003	0.0442	1.9405	0.0062	1.0000
2562	330	0.1029	0.0003	0.0509	0.6361	0.0019	0.3148	0.0739	0.0002	0.0366	2.0207	0.0061	1.0000
2563	282	0.1392	0.0005	0.0702	0.7930	0.0028	0.3997	0.0783	0.0003	0.0395	1.9839	0.0070	1.0000
2564	333	0.0947	0.0003	0.0477	0.6195	0.0019	0.3119	0.0771	0.0002	0.0388	1.9859	0.0060	1.0000
2565	297	0.1015	0.0003	0.0501	0.6178	0.0021	0.3048	0.0751	0.0003	0.0370	2.0270	0.0068	1.0000
2566	326	0.1036	0.0003	0.0513	0.6941	0.0021	0.3437	0.0662	0.0002	0.0328	2.0196	0.0062	1.0000
2567	345	0.1434	0.0004	0.0666	1.2755	0.0037	0.5922	0.0780	0.0002	0.0362	2.1540	0.0062	1.0000
2569	395	0.1318	0.0003	0.0639	0.5384	0.0014	0.2612	0.0878	0.0002	0.0426	2.0616	0.0052	1.0000
2570	336	0.1066	0.0003	0.0496	0.5825	0.0017	0.2708	0.0778	0.0002	0.0362	2.1512	0.0064	1.0000
2571	344	0.1261	0.0004	0.0634	1.1192	0.0032	0.5628	0.0819	0.0002	0.0412	1.9886	0.0058	1.0000
2572	321	0.0925	0.0003	0.0459	1.0085	0.0031	0.5001	0.0562	0.0002	0.0279	2.0164	0.0063	1.0000
2573	297	0.1189	0.0004	0.0592	0.6672	0.0022	0.3325	0.0802	0.0003	0.0400	2.0068	0.0068	1.0000
2574	327	0.1001	0.0003	0.0478	0.5885	0.0018	0.2808	0.0818	0.0003	0.0390	2.0960	0.0064	1.0000
2575	322	0.1340	0.0004	0.0621	0.9649	0.0030	0.4471	0.0834	0.0003	0.0386	2.1582	0.0067	1.0000
2576	326	0.1456	0.0004	0.0704	0.8907	0.0027	0.4305	0.0846	0.0003	0.0409	2.0689	0.0063	1.0000

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain
3551	313	0.1113	0.0004	0.0501	0.6669	0.0021	0.3004	0.0880	0.0003	0.0396	2.2198	0.0071	1.0000
3552	311	0.1241	0.0004	0.0595	0.9101	0.0029	0.4365	0.0739	0.0002	0.0354	2.0848	0.0067	1.0000
3553	303	0.1334	0.0004	0.0681	0.5620	0.0019	0.2871	0.0499	0.0002	0.0255	1.9578	0.0065	1.0000
3554	299	0.1232	0.0004	0.0614	0.5794	0.0019	0.2888	0.0643	0.0002	0.0321	2.0060	0.0067	1.0000
3555	283	0.1126	0.0004	0.0576	1.1400	0.0040	0.5832	0.0590	0.0002	0.0302	1.9546	0.0069	1.0000
3556	301	0.1169	0.0004	0.0542	0.5648	0.0019	0.2619	0.0668	0.0002	0.0310	2.1565	0.0072	1.0000
3558	286	0.1138	0.0004	0.0563	0.6955	0.0024	0.3441	0.0796	0.0003	0.0394	2.0210	0.0071	1.0000
3559	332	0.1058	0.0003	0.0490	1.0363	0.0031	0.4803	0.0820	0.0002	0.0380	2.1575	0.0065	1.0000
3560	295	0.1273	0.0004	0.0568	0.7778	0.0026	0.3470	0.0788	0.0003	0.0352	2.2415	0.0076	1.0000
3561	315	0.1034	0.0003	0.0506	0.7550	0.0024	0.3692	0.0602	0.0002	0.0294	2.0448	0.0065	1.0000
3562	351	0.0995	0.0003	0.0489	0.7867	0.0022	0.3864	0.0758	0.0002	0.0372	2.0361	0.0058	1.0000
3563	332	0.1139	0.0003	0.0534	0.6145	0.0019	0.2882	0.0648	0.0002	0.0304	2.1320	0.0064	1.0000
3564	344	0.1238	0.0004	0.0656	0.4471	0.0013	0.2368	0.0886	0.0003	0.0469	1.8881	0.0055	1.0000
3565	330	0.1238	0.0004	0.0640	0.5436	0.0016	0.2809	0.0673	0.0002	0.0348	1.9349	0.0059	1.0000
3566	313	0.0912	0.0003	0.0445	0.4826	0.0015	0.2357	0.0887	0.0003	0.0433	2.0472	0.0065	1.0000
3567	330	0.1606	0.0005	0.0822	0.6015	0.0018	0.3078	0.0735	0.0002	0.0376	1.9542	0.0059	1.0000
3568	318	0.1071	0.0003	0.0493	0.7054	0.0022	0.3248	0.0961	0.0003	0.0442	2.1719	0.0068	1.0000
3569	325	0.1526	0.0005	0.0731	0.5737	0.0018	0.2748	0.0799	0.0002	0.0383	2.0877	0.0064	1.0000
3570	335	0.0912	0.0003	0.0423	0.6462	0.0019	0.2995	0.0749	0.0002	0.0347	2.1574	0.0064	1.0000
3571	334	0.1072	0.0003	0.0542	0.4861	0.0015	0.2456	0.0753	0.0002	0.0381	1.9789	0.0059	1.0000
3572	317	0.1202	0.0004	0.0579	0.5984	0.0019	0.2884	0.0645	0.0002	0.0311	2.0750	0.0066	1.0000
3573	288	0.0970	0.0003	0.0482	0.8097	0.0028	0.4023	0.0765	0.0003	0.0380	2.0129	0.0070	1.0000
3574	362	0.1145	0.0003	0.0579	0.9116	0.0025	0.4612	0.0863	0.0002	0.0437	1.9764	0.0055	1.0000
3575	322	0.1006	0.0003	0.0514	0.7009	0.0022	0.3579	0.0663	0.0002	0.0339	1.9586	0.0061	1.0000
3576	322	0.1255	0.0004	0.0634	0.4904	0.0015	0.2478	0.0958	0.0003	0.0484	1.9788	0.0062	1.0000

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain
4551	301	0.1206	0.0004	0.0567	0.6694	0.0022	0.3149	0.0811	0.0003	0.0382	2.1257	0.0071	1.0000
4552	329	0.1105	0.0003	0.0534	0.5422	0.0016	0.2622	0.0711	0.0002	0.0344	2.0680	0.0063	1.0000
4553	340	0.1250	0.0004	0.0602	0.5810	0.0017	0.2797	0.0852	0.0003	0.0410	2.0775	0.0061	1.0000
4554	321	0.1706	0.0005	0.0806	1.1443	0.0036	0.5406	0.0923	0.0003	0.0436	2.1168	0.0066	1.0000
4555	345	0.1082	0.0003	0.0512	0.8074	0.0023	0.3819	0.0686	0.0002	0.0324	2.1141	0.0061	1.0000
4556	349	0.1091	0.0003	0.0519	0.9634	0.0028	0.4585	0.0653	0.0002	0.0311	2.1012	0.0060	1.0000
4557	326	0.1345	0.0004	0.0659	0.5614	0.0017	0.2752	0.0860	0.0003	0.0422	2.0403	0.0063	1.0000
4558	298	0.1032	0.0003	0.0542	0.5147	0.0017	0.2701	0.0954	0.0003	0.0501	1.9053	0.0064	1.0000
4559	344	0.1172	0.0003	0.0592	0.6170	0.0018	0.3115	0.0674	0.0002	0.0340	1.9807	0.0058	1.0000
4560	372	0.1095	0.0003	0.0504	0.4854	0.0013	0.2236	0.0782	0.0002	0.0360	2.1707	0.0058	1.0000
4561	320	0.1413	0.0004	0.0698	0.5862	0.0018	0.2894	0.0651	0.0002	0.0321	2.0257	0.0063	1.0000
4562	305	0.1203	0.0004	0.0642	0.5835	0.0019	0.3114	0.0845	0.0003	0.0451	1.8736	0.0061	1.0000
4563	308	0.0917	0.0003	0.0407	0.7006	0.0023	0.3113	0.0670	0.0002	0.0298	2.2509	0.0073	1.0000
4564	283	0.1286	0.0005	0.0636	0.6110	0.0022	0.3022	0.0764	0.0003	0.0378	2.0219	0.0071	1.0000
4565	326	0.1160	0.0004	0.0564	0.7463	0.0023	0.3631	0.0661	0.0002	0.0322	2.0556	0.0063	1.0000
4566	331	0.1075	0.0003	0.0528	0.5666	0.0017	0.2781	0.0554	0.0002	0.0272	2.0375	0.0062	1.0000
4567	346	0.1298	0.0004	0.0668	0.6601	0.0019	0.3396	0.0840	0.0002	0.0432	1.9440	0.0056	1.0000
4568	320	0.1161	0.0004	0.0524	0.5260	0.0016	0.2376	0.0776	0.0002	0.0350	2.2140	0.0069	1.0000
4569	327	0.1569	0.0005	0.0661	0.8244	0.0025	0.3471	0.0883	0.0003	0.0372	2.3751	0.0073	1.0000
4570	299	0.0856	0.0003	0.0417	0.5649	0.0019	0.2751	0.0652	0.0002	0.0317	2.0536	0.0069	1.0000
4571	360	0.1123	0.0003	0.0559	0.5189	0.0014	0.2582	0.0447	0.0001	0.0222	2.0098	0.0056	1.0000
4572	321	0.1058	0.0003	0.0512	0.9052	0.0028	0.4377	0.0758	0.0002	0.0367	2.0682	0.0064	1.0000
4573	334	0.1352	0.0004	0.0659	0.6115	0.0018	0.2980	0.0757	0.0002	0.0369	2.0518	0.0061	1.0000
4574	351	0.1162	0.0003	0.0533	0.6162	0.0018	0.2829	0.0859	0.0002	0.0394	2.1784	0.0062	1.0000
4575	314	0.1519	0.0005	0.0783	0.7511	0.0024	0.3869	0.0875	0.0003	0.0451	1.9411	0.0062	1.0000
4576	341	0.1041	0.0003	0.0532	0.6289	0.0018	0.3216	0.0820	0.0002	0.0419	1.9558	0.0057	1.0000

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain
1551	364	3.0547	0.0084	1.4793	17.8164	0.0490	8.6278	1.6656	0.0046	0.8066	0.0171	0.0000	0.0083
1552	337	3.2697	0.0097	1.6449	16.0173	0.0475	8.0578	1.7357	0.0051	0.8732	0.0165	0.0000	0.0083
1553	378	5.7658	0.0152	2.6120	20.7197	0.0548	9.3865	1.5479	0.0041	0.7012	0.0215	0.0001	0.0097
1554	316	2.9966	0.0095	1.5432	14.7332	0.0467	7.5874	1.5338	0.0049	0.7899	0.0162	0.0001	0.0083
1555	334	3.0234	0.0090	1.4634	17.1006	0.0512	8.2772	1.4021	0.0042	0.6787	0.0154	0.0000	0.0075
1556	341	2.9168	0.0086	1.3744	15.4369	0.0453	7.2737	1.4970	0.0044	0.7054	0.0171	0.0001	0.0081
1557	338	3.2086	0.0095	1.3564	15.2738	0.0451	6.4569	1.6926	0.0050	0.7155	0.0147	0.0000	0.0062
1558	306	2.9390	0.0096	1.5235	14.1485	0.0463	7.3342	1.3860	0.0045	0.7185	0.0106	0.0000	0.0055
1560	350	3.1863	0.0091	1.5013	18.0179	0.0514	8.4894	1.9300	0.0055	0.9093	0.0177	0.0001	0.0083
1561	325	2.8275	0.0087	1.4154	16.6853	0.0514	8.3523	1.6008	0.0049	0.8013	0.0165	0.0001	0.0083
1563	331	2.8548	0.0086	1.3567	16.7329	0.0506	7.9521	5.2546	0.0159	2.4972	0.0171	0.0001	0.0081
1564	334	3.0792	0.0092	1.6134	17.4374	0.0523	9.1367	1.5471	0.0046	0.8106	0.0160	0.0000	0.0084
1566	352	2.9003	0.0082	1.3293	18.1844	0.0516	8.3346	1.4554	0.0041	0.6671	0.0174	0.0000	0.0080
1567	336	2.7957	0.0083	1.3674	16.9757	0.0506	8.3031	1.5607	0.0046	0.7634	0.0158	0.0000	0.0077
1568	307	2.8545	0.0093	1.5661	13.9639	0.0454	7.6611	1.3835	0.0045	0.7590	0.0171	0.0001	0.0094
1569	288	2.6272	0.0091	1.2793	10.3377	0.0359	5.0339	1.7896	0.0062	0.8714	0.0205	0.0001	0.0100
1570	316	2.9382	0.0093	1.3351	14.5445	0.0460	6.6087	1.5658	0.0049	0.7115	0.0113	0.0000	0.0051
1571	366	3.3051	0.0090	1.5736	20.9008	0.0571	9.9509	1.8323	0.0050	0.8724	0.0117	0.0000	0.0056
1572	341	3.0509	0.0089	1.4258	17.0648	0.0500	7.9750	1.8193	0.0053	0.8502	0.0168	0.0000	0.0079
1573	315	2.8329	0.0090	1.4189	14.5778	0.0463	7.3013	1.6006	0.0051	0.8017	0.0168	0.0001	0.0084
1574	323	3.0197	0.0094	1.4779	15.5695	0.0483	7.6198	1.7527	0.0054	0.8578	0.0124	0.0000	0.0061
1575	285	2.6270	0.0092	1.2143	12.6357	0.0444	5.8407	1.3942	0.0049	0.6444	0.0179	0.0001	0.0083
1576	340	3.0548	0.0090	1.5204	16.3095	0.0480	8.1174	1.5658	0.0046	0.7793	0.0162	0.0000	0.0081

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain
2551	322	2.8887	0.0090	1.4728	15.7388	0.0489	8.0247	1.5935	0.0049	0.8125	0.0189	0.0001	0.0096
2552	352	3.2207	0.0092	1.4456	17.1887	0.0489	7.7152	1.8542	0.0053	0.8323	0.0185	0.0001	0.0083
2553	320	2.8174	0.0088	1.4302	15.3508	0.0480	7.7927	1.6336	0.0051	0.8293	0.0177	0.0001	0.0090
2554	346	3.2775	0.0095	1.5627	18.0123	0.0521	8.5883	1.5870	0.0046	0.7567	0.0179	0.0001	0.0085
2555	276	2.9010	0.0105	1.3989	12.6838	0.0459	6.1165	1.3420	0.0049	0.6472	0.0126	0.0000	0.0061
2556	317				14.8129	0.0468	7.2392	1.5563	0.0049	0.7606	0.0146	0.0000	0.0071
2557	338	3.0359	0.0090	1.4423	16.7290	0.0495	7.9476	1.4447	0.0043	0.6864	0.0148	0.0000	0.0070
2558	335	2.7393	0.0082	1.4011	14.9793	0.0448	7.6617	1.5021	0.0045	0.7683	0.0152	0.0000	0.0078
2560	324	2.9035	0.0090	1.4297	16.9186	0.0523	8.3310	1.3792	0.0043	0.6791	0.0186	0.0001	0.0092
2561	313	2.8949	0.0093	1.4918	13.8273	0.0442	7.1256	1.4498	0.0046	0.7471	0.0139	0.0000	0.0072
2562	330	3.1533	0.0095	1.5605	13.7688	0.0417	6.8139	1.4836	0.0045	0.7342	0.0177	0.0001	0.0088
2563	282	2.9204	0.0104	1.4720	13.9218	0.0494	7.0174	1.4749	0.0052	0.7434	0.0150	0.0001	0.0076
2564	333	3.1265	0.0094	1.5743	15.7739	0.0473	7.9429	1.7580	0.0053	0.8852	0.0155	0.0000	0.0078
2565	297	2.7581	0.0093	1.3607	14.1718	0.0477	6.9915	1.4889	0.0050	0.7345	0.0148	0.0000	0.0073
2566	326	2.8234	0.0087	1.3980	16.0658	0.0493	7.9549	1.7288	0.0053	0.8560	0.0172	0.0001	0.0085
2567	345	3.1869	0.0092	1.4795	15.9399	0.0461	7.4001	1.6938	0.0049	0.7864	0.0091	0.0000	0.0042
2569	395	3.2030	0.0081	1.5536	20.2645	0.0513	9.8295	1.7381	0.0044	0.8431	0.0175	0.0000	0.0085
2570	336	2.8995	0.0086	1.3479	17.1730	0.0511	7.9830	1.6149	0.0048	0.7507	0.0168	0.0000	0.0078
2571	344	3.4092	0.0099	1.7144	17.6455	0.0512	8.8733	1.8300	0.0053	0.9202	0.0181	0.0001	0.0091
2572	321	2.7300	0.0085	1.3539	16.2782	0.0508	8.0729	1.8802	0.0059	0.9325	0.0117	0.0000	0.0058
2573	297	3.0283	0.0102	1.5090	15.5851	0.0524	7.7661	1.5770	0.0053	0.7858	0.0171	0.0001	0.0085
2574	327	3.3232	0.0102	1.5855	16.7442	0.0512	7.9886	1.5435	0.0047	0.7364	0.0162	0.0000	0.0077
2575	322	2.9140	0.0091	1.3502	15.3810	0.0478	7.1268	1.5915	0.0049	0.7374	0.0180	0.0001	0.0083
2576	326	3.1589	0.0097	1.5268	16.2086	0.0497	7.8344	1.7037	0.0052	0.8235	0.0193	0.0001	0.0093

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain
3551	313	3.0344	0.0097	1.3670	15.7612	0.0504	7.1003	1.6937	0.0054	0.7630	0.0147	0.0000	0.0066
3552	311	3.1491	0.0101	1.5105	16.6595	0.0536	7.9909	1.4645	0.0047	0.7025	0.0164	0.0001	0.0079
3553	303	2.9582	0.0098	1.5110	13.3921	0.0442	6.8404	1.6612	0.0055	0.8485	0.0158	0.0001	0.0081
3554	299	3.0830	0.0103	1.5369	14.6446	0.0490	7.3004	1.7478	0.0059	0.8713	0.0161	0.0001	0.0080
3555	283	2.4391	0.0086	1.2479	15.4918	0.0547	7.9258	1.4276	0.0050	0.7304	0.0102	0.0000	0.0052
3556	301	2.9896	0.0099	1.3863	12.9558	0.0430	6.0078	1.3976	0.0046	0.6481	0.0160	0.0001	0.0074
3558	286	2.8950	0.0101	1.4325	14.3025	0.0501	7.0769	1.5045	0.0053	0.7444	0.0149	0.0001	0.0074
3559	332	3.3027	0.0099	1.5308	14.7831	0.0445	6.8520	1.7446	0.0053	0.8086	0.0195	0.0001	0.0090
3560	295	3.1117	0.0106	1.3882	13.8947	0.0471	6.1988	1.6409	0.0056	0.7321	0.0213	0.0001	0.0095
3561	315	2.7687	0.0088	1.3540	12.9008	0.0410	6.3091	1.5260	0.0048	0.7463	0.0221	0.0001	0.0108
3562	351	3.2650	0.0093	1.6036	18.0186	0.0513	8.8496	1.4045	0.0040	0.6898	0.0160	0.0000	0.0079
3563	332	3.5520	0.0107	1.6660	17.6151	0.0531	8.2622	1.6863	0.0051	0.7909	0.0155	0.0000	0.0073
3564	344	2.8721	0.0083	1.5212	16.1777	0.0470	8.5682	1.6402	0.0048	0.8687	0.0146	0.0000	0.0077
3565	330	3.1682	0.0096	1.6374	16.3198	0.0495	8.4344	1.4530	0.0044	0.7509	0.0149	0.0000	0.0077
3566	313	2.8165	0.0090	1.3758	15.9178	0.0509	7.7754	1.6289	0.0052	0.7957	0.0140	0.0000	0.0068
3567	330	3.1272	0.0095	1.6002	14.3058	0.0433	7.3205	1.7970	0.0054	0.9196	0.0157	0.0000	0.0080
3568	318	3.3322	0.0105	1.5342	15.8855	0.0500	7.3141	1.7161	0.0054	0.7901	0.0149	0.0000	0.0069
3569	325	2.9255	0.0090	1.4013	16.0597	0.0495	7.6925	1.5126	0.0047	0.7245	0.0137	0.0000	0.0066
3570	335	3.3729	0.0101	1.5634	16.5911	0.0496	7.6903	1.5472	0.0046	0.7172	0.0134	0.0000	0.0062
3571	334	2.7744	0.0083	1.4020	16.4316	0.0492	8.3034	1.4722	0.0044	0.7439	0.0144	0.0000	0.0073
3572	317	3.0120	0.0095	1.4516	14.9971	0.0474	7.2275	1.4728	0.0047	0.7098	0.0145	0.0000	0.0070
3573	288	2.7635	0.0096	1.3729	12.3668	0.0429	6.1438	1.4313	0.0050	0.7111	0.0176	0.0001	0.0087
3574	362	3.4005	0.0094	1.7206	18.3466	0.0506	9.2828	1.6162	0.0045	0.8177	0.0183	0.0001	0.0093
3575	322	2.5111	0.0078	1.2821	13.9237	0.0432	7.1090	1.7051	0.0053	0.8706	0.0163	0.0001	0.0083
3576	322	2.9990	0.0093	1.5156	16.6476	0.0517	8.4130	1.5206	0.0047	0.7684	0.0093	0.0000	0.0047

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain
4551	301	3.0140	0.0100	1.4179	16.7398	0.0555	7.8750	1.4958	0.0050	0.7037	0.0121	0.0000	0.0057
4552	329	3.1622	0.0096	1.5291	16.2547	0.0494	7.8601	1.5884	0.0048	0.7681	0.0159	0.0000	0.0077
4553	340	3.3587	0.0099	1.6167	18.2727	0.0538	8.7955	1.7244	0.0051	0.8300	0.0126	0.0000	0.0061
4554	321	3.1177	0.0097	1.4728	15.5214	0.0484	7.3325	1.4291	0.0045	0.6751	0.0169	0.0001	0.0080
4555	345	3.0961	0.0090	1.4645	17.4591	0.0507	8.2584	1.5716	0.0046	0.7434	0.0166	0.0000	0.0079
4556	349	3.3017	0.0095	1.5713	19.6714	0.0564	9.3620	1.7511	0.0050	0.8334	0.0150	0.0000	0.0071
4557	326	2.9916	0.0092	1.4663	17.5842	0.0539	8.6184	1.5092	0.0046	0.7397	0.0168	0.0001	0.0082
4558	298	2.6526	0.0089	1.3922	15.1347	0.0508	7.9435	1.4627	0.0049	0.7677	0.0137	0.0000	0.0072
4559	344	3.4773	0.0101	1.7556	23.5320	0.0685	11.8806	1.7625	0.0051	0.8898	0.0136	0.0000	0.0069
4560	372	3.5543	0.0096	1.6374	20.9436	0.0564	9.6483	1.6713	0.0045	0.7699	0.0165	0.0000	0.0076
4561	320	3.1658	0.0099	1.5628	16.9188	0.0529	8.3521	1.7595	0.0055	0.8686	0.0196	0.0001	0.0097
4562	305	3.1416	0.0103	1.6768	17.5516	0.0575	9.3678	1.8092	0.0059	0.9656	0.0152	0.0000	0.0081
4563	308	3.2311	0.0105	1.4355	14.1495	0.0460	6.2862	1.3739	0.0045	0.6104	0.0106	0.0000	0.0047
4564	283	2.9106	0.0103	1.4395	14.0938	0.0498	6.9706	1.4683	0.0052	0.7262	0.0161	0.0001	0.0080
4565	326	3.3028	0.0101	1.6067	15.5412	0.0477	7.5604	1.7441	0.0054	0.8485	0.0191	0.0001	0.0093
4566	331	3.2794	0.0099	1.6095	16.0495	0.0485	7.8771	1.6264	0.0049	0.7982	0.0145	0.0000	0.0071
4567	346	3.4579	0.0100	1.7788	19.6162	0.0567	10.0906	1.6864	0.0049	0.8675	0.0105	0.0000	0.0054
4568	320	3.5551	0.0111	1.6057	14.5954	0.0456	6.5923	1.7833	0.0056	0.8055	0.0147	0.0000	0.0066
4569	327	3.1214	0.0096	1.3142	16.7290	0.0512	7.0435	1.5740	0.0048	0.6627	0.0148	0.0000	0.0062
4570	299	2.6118	0.0087	1.2718	13.6042	0.0454	6.6246	1.3647	0.0046	0.6645	0.0147	0.0000	0.0072
4571	360	3.1876	0.0089	1.5860	17.6773	0.0491	8.7956	1.5309	0.0043	0.7617	0.0111	0.0000	0.0055
4572	321	3.1252	0.0097	1.5111	16.3661	0.0509	7.9132	1.4542	0.0045	0.7031	0.0130	0.0000	0.0063
4573	334	3.5967	0.0108	1.7529	16.3719	0.0490	7.9793	1.5713	0.0047	0.7658	0.0150	0.0000	0.0073
4574	351	3.6365	0.0104	1.6693	18.4524	0.0525	8.4706	1.5997	0.0046	0.7343	0.0149	0.0000	0.0068
4575	314	2.9752	0.0095	1.5327	15.9254	0.0507	8.2043	1.4363	0.0046	0.7399	0.0169	0.0001	0.0087
4576	341	3.2610	0.0096	1.6673	18.8815	0.0554	9.6541	1.6249	0.0048	0.8308	0.0134	0.0000	0.0069

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain
1551	364	0.6475	0.0018	0.3136	0.0673	0.0002	0.0326	0.0573	0.0002	0.0277
1552	337	0.5917	0.0018	0.2977	0.0629	0.0002	0.0316	0.0540	0.0002	0.0272
1553	378	0.6856	0.0018	0.3106	0.0718	0.0002	0.0325	0.0596	0.0002	0.0270
1554	316	0.5703	0.0018	0.2937	0.0507	0.0002	0.0261	0.0396	0.0001	0.0204
1555	334	0.5463	0.0016	0.2644	0.0506	0.0002	0.0245	0.0591	0.0002	0.0286
1556	341	0.7758	0.0023	0.3655	0.0682	0.0002	0.0321	0.0620	0.0002	0.0292
1557	338	0.7798	0.0023	0.3297	0.0640	0.0002	0.0271	0.0622	0.0002	0.0263
1558	306	0.6366	0.0021	0.3300	0.0455	0.0001	0.0236	0.0432	0.0001	0.0224
1560	350	0.7147	0.0020	0.3367	0.0635	0.0002	0.0299	0.0647	0.0002	0.0305
1561	325	0.4682	0.0014	0.2344	0.0870	0.0003	0.0436	0.0797	0.0002	0.0399
1563	331	0.6116	0.0018	0.2907	0.0654	0.0002	0.0311	0.0621	0.0002	0.0295
1564	334	0.6609	0.0020	0.3463	0.0515	0.0002	0.0270	0.0616	0.0002	0.0323
1566	352	0.5768	0.0016	0.2644	0.0644	0.0002	0.0295	0.0637	0.0002	0.0292
1567	336	0.6117	0.0018	0.2992	0.0515	0.0002	0.0252	0.0721	0.0002	0.0353
1568	307	0.5786	0.0019	0.3174	0.0535	0.0002	0.0294	0.0464	0.0002	0.0255
1569	288	0.6220	0.0022	0.3029	0.0429	0.0001	0.0209	0.0630	0.0002	0.0307
1570	316	0.7266	0.0023	0.3302	0.0635	0.0002	0.0289	0.0573	0.0002	0.0260
1571	366	0.6131	0.0017	0.2919	0.0576	0.0002	0.0274	0.0635	0.0002	0.0302
1572	341	0.6004	0.0018	0.2806	0.0667	0.0002	0.0312	0.0563	0.0002	0.0263
1573	315	0.6630	0.0021	0.3321	0.0561	0.0002	0.0281	0.0559	0.0002	0.0280
1574	323	0.5827	0.0018	0.2852	0.1018	0.0003	0.0498	0.0700	0.0002	0.0343
1575	285	0.7093	0.0025	0.3279	0.0456	0.0002	0.0211	0.0401	0.0001	0.0185
1576	340	0.5867	0.0017	0.2920	0.0591	0.0002	0.0294	0.0466	0.0001	0.0232

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain
2551	322	0.5657	0.0018	0.2884	0.0655	0.0002	0.0334	0.0539	0.0002	0.0275
2552	352	0.8208	0.0023	0.3684	0.0532	0.0002	0.0239	0.0676	0.0002	0.0303
2553	320	0.5993	0.0019	0.3042	0.0303	0.0001	0.0154	0.0542	0.0002	0.0275
2554	346	0.6987	0.0020	0.3331	0.0506	0.0001	0.0241	0.1056	0.0003	0.0504
2555	276	0.5412	0.0020	0.2610	0.0520	0.0002	0.0251	0.0471	0.0002	0.0227
2556	317	0.5502	0.0017	0.2689	0.0558	0.0002	0.0273			
2557	338	0.5549	0.0016	0.2636	0.0533	0.0002	0.0253	0.0551	0.0002	0.0262
2558	335	0.6576	0.0020	0.3364	0.0579	0.0002	0.0296	0.0464	0.0001	0.0237
2560	324	0.6654	0.0021	0.3277	0.0635	0.0002	0.0313	0.0778	0.0002	0.0383
2561	313	0.6564	0.0021	0.3383	0.0569	0.0002	0.0293	0.0551	0.0002	0.0284
2562	330	0.7451	0.0023	0.3687	0.0479	0.0001	0.0237	0.0479	0.0001	0.0237
2563	282	0.6009	0.0021	0.3029	0.0600	0.0002	0.0302	0.0760	0.0003	0.0383
2564	333	0.7222	0.0022	0.3637	0.0484	0.0001	0.0244	0.0447	0.0001	0.0225
2565	297	0.6416	0.0022	0.3165	0.0456	0.0002	0.0225	0.0531	0.0002	0.0262
2566	326	0.6753	0.0021	0.3344	0.0588	0.0002	0.0291	0.0431	0.0001	0.0213
2567	345	0.5558	0.0016	0.2580	0.0708	0.0002	0.0329	0.0650	0.0002	0.0302
2569	395	0.5658	0.0014	0.2744	0.0739	0.0002	0.0358	0.0498	0.0001	0.0242
2570	336	0.5795	0.0017	0.2694	0.0491	0.0001	0.0228	0.0432	0.0001	0.0201
2571	344	0.6340	0.0018	0.3188	0.0687	0.0002	0.0345	0.0565	0.0002	0.0284
2572	321	0.7228	0.0023	0.3585	0.0431	0.0001	0.0214	0.0464	0.0001	0.0230
2573	297	0.6624	0.0022	0.3301	0.0630	0.0002	0.0314	0.0520	0.0002	0.0259
2574	327	0.6497	0.0020	0.3100	0.0496	0.0002	0.0237	0.0414	0.0001	0.0198
2575	322	0.5873	0.0018	0.2721	0.0661	0.0002	0.0306	0.0610	0.0002	0.0283
2576	326	0.6945	0.0021	0.3357	0.0640	0.0002	0.0309	0.0767	0.0002	0.0371

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain
3551	313	0.6219	0.0020	0.2802	0.0613	0.0002	0.0276	0.0467	0.0001	0.0210
3552	311	0.6243	0.0020	0.2995	0.0588	0.0002	0.0282	0.0611	0.0002	0.0293
3553	303	0.5619	0.0019	0.2870	0.0735	0.0002	0.0375	0.0952	0.0003	0.0486
3554	299	0.5934	0.0020	0.2958	0.0646	0.0002	0.0322	0.0591	0.0002	0.0295
3555	283	0.6662	0.0024	0.3408	0.0521	0.0002	0.0267	0.0593	0.0002	0.0303
3556	301	0.6392	0.0021	0.2964	0.0592	0.0002	0.0275	0.0539	0.0002	0.0250
3558	286	0.5236	0.0018	0.2591	0.0428	0.0001	0.0212	0.0669	0.0002	0.0331
3559	332	0.7158	0.0022	0.3318	0.0525	0.0002	0.0243	0.0493	0.0001	0.0229
3560	295	0.6632	0.0023	0.2959	0.0824	0.0003	0.0368	0.0450	0.0002	0.0201
3561	315	0.6844	0.0022	0.3347	0.0523	0.0002	0.0256	0.0486	0.0002	0.0238
3562	351	0.6880	0.0020	0.3379	0.0407	0.0001	0.0200	0.0538	0.0002	0.0264
3563	332	0.6282	0.0019	0.2947	0.0445	0.0001	0.0209	0.0555	0.0002	0.0260
3564	344	0.5794	0.0017	0.3069	0.0615	0.0002	0.0326	0.0587	0.0002	0.0311
3565	330	0.6896	0.0021	0.3564	0.0566	0.0002	0.0293	0.0661	0.0002	0.0342
3566	313	0.6342	0.0020	0.3098	0.0533	0.0002	0.0260	0.0352	0.0001	0.0172
3567	330	0.7231	0.0022	0.3700	0.0598	0.0002	0.0306	0.0599	0.0002	0.0307
3568	318	0.6953	0.0022	0.3201	0.0594	0.0002	0.0273	0.0429	0.0001	0.0198
3569	325	0.6070	0.0019	0.2908	0.0839	0.0003	0.0402	0.0681	0.0002	0.0326
3570	335	0.5374	0.0016	0.2491	0.0540	0.0002	0.0250	0.0321	0.0001	0.0149
3571	334	0.7032	0.0021	0.3553	0.0479	0.0001	0.0242	0.0557	0.0002	0.0281
3572	317	0.6616	0.0021	0.3188	0.0489	0.0002	0.0236	0.0651	0.0002	0.0314
3573	288	0.6501	0.0023	0.3230	0.0597	0.0002	0.0297	0.0498	0.0002	0.0247
3574	362	0.6800	0.0019	0.3441	0.0712	0.0002	0.0360	0.0400	0.0001	0.0202
3575	322	0.6025	0.0019	0.3076	0.0606	0.0002	0.0309	0.0702	0.0002	0.0358
3576	322	0.6753	0.0021	0.3413	0.0523	0.0002	0.0264	0.0726	0.0002	0.0367

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y P0 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain
4551	301	0.7041	0.0023	0.3312	0.0606	0.0002	0.0285	0.0537	0.0002	0.0253
4552	329	0.5866	0.0018	0.2837	0.0515	0.0002	0.0249	0.0589	0.0002	0.0285
4553	340	0.6262	0.0018	0.3014	0.0603	0.0002	0.0290	0.0600	0.0002	0.0289
4554	321	0.7010	0.0022	0.3312	0.0801	0.0002	0.0378	0.0711	0.0002	0.0336
4555	345	0.8446	0.0025	0.3995	0.0597	0.0002	0.0282	0.0456	0.0001	0.0216
4556	349	0.7407	0.0021	0.3525	0.0481	0.0001	0.0229	0.0556	0.0002	0.0265
4557	326	0.5778	0.0018	0.2832	0.0514	0.0002	0.0252	0.0669	0.0002	0.0328
4558	298	0.6519	0.0022	0.3422	0.0523	0.0002	0.0274	0.0478	0.0002	0.0251
4559	344	0.6997	0.0020	0.3533	0.0444	0.0001	0.0224	0.0677	0.0002	0.0342
4560	372	0.6845	0.0018	0.3153	0.0565	0.0002	0.0260	0.0505	0.0001	0.0233
4561	320	0.6216	0.0019	0.3069	0.0647	0.0002	0.0319	0.0747	0.0002	0.0369
4562	305	0.6793	0.0022	0.3626	0.0465	0.0002	0.0248	0.0632	0.0002	0.0337
4563	308	0.6131	0.0020	0.2724	0.0337	0.0001	0.0150	0.0516	0.0002	0.0229
4564	283	0.6120	0.0022	0.3027	0.0478	0.0002	0.0236	0.0679	0.0002	0.0336
4565	326	0.6130	0.0019	0.2982	0.0484	0.0001	0.0235	0.0668	0.0002	0.0325
4566	331	0.5271	0.0016	0.2587	0.0606	0.0002	0.0297	0.0422	0.0001	0.0207
4567	346	0.7423	0.0021	0.3818	0.0616	0.0002	0.0317	0.0638	0.0002	0.0328
4568	320	0.4998	0.0016	0.2257	0.0472	0.0001	0.0213	0.0642	0.0002	0.0290
4569	327	0.6864	0.0021	0.2890	0.0728	0.0002	0.0307	0.0677	0.0002	0.0285
4570	299	0.4867	0.0016	0.2370	0.0429	0.0001	0.0209	0.0369	0.0001	0.0180
4571	360	0.7268	0.0020	0.3616	0.0545	0.0002	0.0271	0.0476	0.0001	0.0237
4572	321	0.5160	0.0016	0.2495	0.0496	0.0002	0.0240	0.0537	0.0002	0.0260
4573	334	0.6574	0.0020	0.3204	0.0618	0.0002	0.0301	0.0732	0.0002	0.0357
4574	351	0.6452	0.0018	0.2962	0.0535	0.0002	0.0246	0.0508	0.0001	0.0233
4575	314	0.6021	0.0019	0.3102	0.0888	0.0003	0.0457	0.0609	0.0002	0.0314
4576	341	0.6813	0.0020	0.3483	0.0589	0.0002	0.0301	0.0429	0.0001	0.0219

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
1001	576	2.3584	0.0041	1.0000	4.2438	0.0074	1.7994	23.7604	0.0412	10.0748	2.0047	0.0035	0.8500
1002	526	2.1958	0.0042	1.0000	3.8483	0.0073	1.7526	20.2007	0.0384	9.1997	2.1212	0.0040	0.9660
1003	656	2.1228	0.0032	1.0000	4.2292	0.0065	1.9923	23.4800	0.0358	11.0609	2.0287	0.0031	0.9557
1004	599	2.2402	0.0037	1.0000	4.7757	0.0080	2.1318	22.7643	0.0380	10.1617	1.9831	0.0033	0.8852
1005	555	2.1798	0.0039	1.0000	4.2184	0.0076	1.9352	19.6322	0.0354	9.0064	2.0784	0.0037	0.9535
1006	516	2.2429	0.0043	1.0000	4.2579	0.0083	1.8984	19.2216	0.0373	8.5700	1.9170	0.0037	0.8547
1007	556	2.2811	0.0041	1.0000	4.8332	0.0087	2.1188	21.8083	0.0392	9.5604	2.2410	0.0040	0.9824
1008	557	2.1415	0.0038	1.0000	4.1502	0.0074	1.9380	22.7046	0.0407	10.6022	2.3034	0.0041	1.0756
1009	553	2.2528	0.0041	1.0000	4.6223	0.0084	2.0518	21.7735	0.0394	9.6651	2.0177	0.0037	0.8956
1010	523	2.2222	0.0043	1.0000	4.0727	0.0078	1.8327	20.5301	0.0393	9.2386	1.8028	0.0034	0.8113
1011	585	2.1277	0.0036	1.0000	4.6270	0.0079	2.1746	21.4544	0.0366	10.0834	2.1901	0.0037	1.0293
1012	556	2.2805	0.0041	1.0000	4.3651	0.0078	1.9141	20.9967	0.0377	9.2071	1.8792	0.0034	0.8240
1013	619	2.1786	0.0035	1.0000	4.2846	0.0069	1.9667	24.4204	0.0395	11.2092	2.1226	0.0034	0.9743
1014	497	1.9514	0.0039	1.0000	3.8253	0.0077	1.9603	16.3908	0.0330	8.3995	1.5156	0.0030	0.7767
1015	573	2.1388	0.0037	1.0000	4.0082	0.0070	1.8740	20.9996	0.0367	9.8184	1.9984	0.0035	0.9344
1016	619	2.2025	0.0036	1.0000	4.6050	0.0074	2.0908	26.3584	0.0426	11.9675	2.0776	0.0034	0.9433
1017	550	2.1113	0.0038	1.0000	3.9389	0.0072	1.8656	21.0566	0.0383	9.9733	1.9378	0.0035	0.9178
1018	518	2.1523	0.0042	1.0000	4.0678	0.0079	1.8900	18.3191	0.0354	8.5114	1.7950	0.0035	0.8340
1019	491	1.9696	0.0040	1.0000	3.8479	0.0078	1.9536	17.6858	0.0360	8.9794	1.6226	0.0033	0.8238
1020	522	2.1310	0.0041	1.0000	3.7314	0.0071	1.7510	20.5677	0.0394	9.6517	1.7863	0.0034	0.8382
1021	516	2.1434	0.0042	1.0000	3.8783	0.0075	1.8094	17.4871	0.0339	8.1586	1.7900	0.0035	0.8351
1022	565	2.3217	0.0041	1.0000	4.0296	0.0071	1.7356	20.9014	0.0370	9.0026	1.9229	0.0034	0.8282
1023	492	2.1568	0.0044	1.0000	3.1431	0.0064	1.4573	15.9050	0.0323	7.3744	1.6834	0.0034	0.7805
1024	573	2.1936	0.0038	1.0000	4.3383	0.0076	1.9777	23.2136	0.0405	10.5824	1.8147	0.0032	0.8273
1026	540	2.1330	0.0040	1.0000	4.1104	0.0076	1.9271	16.4598	0.0305	7.7167	1.7691	0.0033	0.8294

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
2001	478	2.2157	0.0046	1.0000	4.0405	0.0085	1.8236	17.8052	0.0373	8.0359	1.5597	0.0033	0.7039
2002	534	2.1334	0.0040	1.0000	4.1907	0.0079	1.9643	20.9840	0.0393	9.8359	1.7933	0.0034	0.8406
2003	542	2.1641	0.0040	1.0000	4.0932	0.0076	1.8914	19.4328	0.0359	8.9796	1.8840	0.0035	0.8706
2004	505	2.0888	0.0041	1.0000	4.0972	0.0081	1.9615	17.7847	0.0352	8.5143	1.6624	0.0033	0.7959
2005	463	2.1393	0.0046	1.0000	3.9292	0.0085	1.8367	17.7640	0.0384	8.3036	1.6368	0.0035	0.7651
2006	598	2.1493	0.0036	1.0000	4.0524	0.0068	1.8855	21.4729	0.0359	9.9906	2.0358	0.0034	0.9472
2007	611	2.0902	0.0034	1.0000	4.6602	0.0076	2.2295	23.8790	0.0391	11.4243	1.9164	0.0031	0.9169
2008	456	2.0294	0.0045	1.0000	3.7861	0.0083	1.8656	15.6888	0.0344	7.7308	1.5997	0.0035	0.7883
2009	497	2.0957	0.0042	1.0000	4.4463	0.0090	2.1216	16.3791	0.0330	7.8156	1.8396	0.0037	0.8778
2010	595	2.0216	0.0034	1.0000	4.8921	0.0082	2.4199	23.5852	0.0396	11.6666	1.8567	0.0031	0.9184
2011	564	2.1466	0.0038	1.0000	5.0353	0.0089	2.3457	20.7036	0.0367	9.6448	1.7675	0.0031	0.8234
2012	376	2.0579	0.0055	1.0000	3.4698	0.0092	1.6861	13.5510	0.0360	6.5849	1.5534	0.0041	0.7548
2013	570	2.1200	0.0037	1.0000	4.0958	0.0072	1.9320	16.5429	0.0290	7.8033	1.9623	0.0034	0.9256
2014	479	2.1427	0.0045	1.0000	3.8692	0.0081	1.8058	15.3549	0.0320	7.1661	1.5927	0.0033	0.7433
2015	604	2.3055	0.0038	1.0000	5.4507	0.0090	2.3642	24.2269	0.0401	10.5083	2.1694	0.0036	0.9410
2016	503	2.2440	0.0045	1.0000	3.8351	0.0076	1.7090	14.9950	0.0298	6.6823	1.6989	0.0034	0.7571
2017	528	2.1629	0.0041	1.0000	3.5917	0.0068	1.6606	15.3983	0.0291	7.1193	1.6054	0.0030	0.7422
2018	579	2.3522	0.0041	1.0000	4.0997	0.0071	1.7429	19.9639	0.0345	8.4873	1.8816	0.0033	0.7999
2019	528	2.1412	0.0041	1.0000	3.5509	0.0067	1.6584	16.5694	0.0314	7.7384	1.5641	0.0030	0.7305
2020	544	2.2338	0.0041	1.0000	4.5177	0.0083	2.0224	19.2725	0.0354	8.6277	1.7522	0.0032	0.7844
2021	637	2.2260	0.0035	1.0000	4.7315	0.0074	2.1256	22.3040	0.0350	10.0198	1.9934	0.0031	0.8955
2022	599	2.2070	0.0037	1.0000	4.6296	0.0077	2.0977	22.1000	0.0369	10.0136	1.9967	0.0033	0.9047
2023	528	2.1229	0.0040	1.0000	4.3994	0.0083	2.0724	18.8091	0.0357	8.8601	1.9400	0.0037	0.9138
2024	510	2.0909	0.0041	1.0000	4.0849	0.0080	1.9537	17.0761	0.0335	8.1669	1.5697	0.0031	0.7507
2025	598	2.3485	0.0039	1.0000	4.9659	0.0083	2.1145	24.2053	0.0405	10.3067	1.9557	0.0033	0.8327
2026	584	2.1174	0.0036	1.0000	4.3287	0.0074	2.0443	19.9204	0.0341	9.4080	2.0867	0.0036	0.9855

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
3001	506	2.2832	0.0045	1.0000	4.7200	0.0093	2.0673	22.2061	0.0439	9.7259	1.7599	0.0035	0.7708
3002	625	2.2337	0.0036	1.0000	4.6669	0.0075	2.0893	24.4063	0.0391	10.9264	1.7822	0.0029	0.7979
3003	544	2.2150	0.0041	1.0000	5.0612	0.0093	2.2850	21.7787	0.0400	9.8324	1.8081	0.0033	0.8163
3004	604	2.1612	0.0036	1.0000	5.1916	0.0086	2.4022	24.6170	0.0407	11.3904	1.7600	0.0029	0.8144
3005	529	2.1615	0.0041	1.0000	4.4484	0.0084	2.0580	21.1119	0.0399	9.7672	1.7470	0.0033	0.8082
3006	536	2.1686	0.0040	1.0000	4.7253	0.0088	2.1790	21.2649	0.0397	9.8058	1.9498	0.0036	0.8991
3007	629	2.2903	0.0036	1.0000	4.8328	0.0077	2.1101	21.2311	0.0338	9.2700	1.8865	0.0030	0.8237
3008	492	2.2097	0.0045	1.0000	4.8491	0.0099	2.1945	19.0279	0.0387	8.6111	1.8502	0.0038	0.8373
3009	649	2.3202	0.0036	1.0000	4.9470	0.0076	2.1321	23.6193	0.0364	10.1799	2.0063	0.0031	0.8647
3010	567	2.1571	0.0038	1.0000	4.8155	0.0085	2.2324	21.2240	0.0374	9.8391	1.9097	0.0034	0.8853
3011	480	2.0619	0.0043	1.0000	3.5573	0.0074	1.7253	15.6387	0.0326	7.5846	1.6641	0.0035	0.8071
3012	565	2.0681	0.0037	1.0000	4.7606	0.0084	2.3019	20.0931	0.0356	9.7157	2.0105	0.0036	0.9721
3013	514	2.0069	0.0039	1.0000	4.5615	0.0089	2.2729	18.4921	0.0360	9.2143	1.6827	0.0033	0.8385
3014	488	2.1104	0.0043	1.0000	5.2513	0.0108	2.4883	18.8735	0.0387	8.9431	1.5800	0.0032	0.7487
3015	448	2.2772	0.0051	1.0000	4.2520	0.0095	1.8672	15.4670	0.0345	6.7921	1.4977	0.0033	0.6577
3016	521	2.1089	0.0040	1.0000	4.2927	0.0082	2.0355	17.5658	0.0337	8.3294	1.6737	0.0032	0.7936
3017	610	2.3009	0.0038	1.0000	4.4839	0.0073	1.9488	24.0014	0.0393	10.4313	1.7666	0.0029	0.7678
3018	511	2.1563	0.0042	1.0000	4.3790	0.0086	2.0308	18.6917	0.0366	8.6684	1.6608	0.0033	0.7702
3019	499	2.0594	0.0041	1.0000	4.8579	0.0097	2.3589	19.9354	0.0399	9.6802	1.6468	0.0033	0.7997
3020	544	2.2785	0.0042	1.0000	4.6827	0.0086	2.0552	21.7786	0.0400	9.5583	1.8487	0.0034	0.8114
3021	585	2.1050	0.0036	1.0000	4.7152	0.0081	2.2400	24.9638	0.0427	11.8593	1.6612	0.0028	0.7892
3022	522	2.2519	0.0043	1.0000	4.6942	0.0090	2.0846	17.8017	0.0341	7.9052	1.7117	0.0033	0.7601
3023	477	2.0003	0.0042	1.0000	3.3860	0.0071	1.6927	13.6132	0.0285	6.8056	1.3052	0.0027	0.6525
3024	587	2.2226	0.0038	1.0000	5.5232	0.0094	2.4850	24.3615	0.0415	10.9608	2.1152	0.0036	0.9517
3025	555	2.1901	0.0039	1.0000	4.3519	0.0078	1.9871	18.9520	0.0342	8.6535	1.7571	0.0032	0.8023
3026	482	2.1204	0.0044	1.0000	4.7933	0.0099	2.2606	15.7416	0.0327	7.4239	1.4483	0.0030	0.6830

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
4001	538	2.1828	0.0041	1.0000	4.3125	0.0080	1.9757	21.4896	0.0400	9.8450	1.8834	0.0035	0.8628
4003	540	2.2199	0.0041	1.0000	4.8548	0.0090	2.1869	21.6776	0.0402	9.7651	2.0599	0.0038	0.9279
4004	530	2.3723	0.0045	1.0000	5.0767	0.0096	2.1400	22.6284	0.0427	9.5386	1.7433	0.0033	0.7349
4006	566	2.3212	0.0041	1.0000	5.0005	0.0088	2.1543	25.2174	0.0445	10.8639	2.0720	0.0037	0.8926
4007	523	2.1329	0.0041	1.0000	4.7214	0.0090	2.2136	21.1051	0.0403	9.8950	1.9113	0.0037	0.8961
4008	456	2.1276	0.0047	1.0000	4.8738	0.0107	2.2908	20.0755	0.0440	9.4358	1.7348	0.0038	0.8154
4009	566	2.2815	0.0040	1.0000	5.7931	0.0102	2.5392	26.2172	0.0464	11.4912	1.7679	0.0031	0.7749
4010	626	2.3225	0.0037	1.0000	5.1909	0.0083	2.2350	25.8757	0.0414	11.1413	2.0132	0.0032	0.8668
4011	510	2.0389	0.0040	1.0000	5.0501	0.0099	2.4769	18.8911	0.0371	9.2653	1.7405	0.0034	0.8536
4012	486	1.9903	0.0041	1.0000	4.8289	0.0099	2.4262	20.1578	0.0415	10.1280	1.5072	0.0031	0.7573
4013	546	2.2812	0.0042	1.0000	4.6957	0.0086	2.0584	22.4555	0.0412	9.8437	1.7246	0.0032	0.7560
4014	497	1.9768	0.0040	1.0000	4.4244	0.0089	2.2382	19.5122	0.0393	9.8706	1.4766	0.0030	0.7470
4015	556	2.2457	0.0040	1.0000	4.9335	0.0089	2.1969	23.2426	0.0418	10.3498	1.7698	0.0032	0.7881
4016	454	2.0244	0.0045	1.0000	4.3862	0.0097	2.1667	19.0400	0.0420	9.4053	1.5091	0.0033	0.7455
4017	510	2.3190	0.0045	1.0000	4.5946	0.0090	1.9813	18.8327	0.0369	8.1210	1.6386	0.0032	0.7066
4018	517	1.9771	0.0038	1.0000	4.1491	0.0080	2.0986	17.6609	0.0341	8.9327	1.6423	0.0032	0.8307
4019	498	2.1928	0.0044	1.0000	4.7152	0.0095	2.1503	19.1185	0.0384	8.7188	1.3900	0.0028	0.6339
4020	481	2.2373	0.0046	1.0000	4.1538	0.0086	1.8566	15.9743	0.0332	7.1400	1.7630	0.0037	0.7880
4021	560	2.2288	0.0040	1.0000	5.2664	0.0094	2.3629	22.6851	0.0405	10.1782	1.8700	0.0033	0.8390
4022	486	2.2099	0.0045	1.0000	4.6750	0.0096	2.1155	18.2540	0.0376	8.2601	1.5902	0.0033	0.7196
4023	533	2.1938	0.0041	1.0000	4.8371	0.0091	2.2049	20.7137	0.0389	9.4419	1.7540	0.0033	0.7995
4024	454	2.0130	0.0044	1.0000	4.6673	0.0103	2.3186	17.9548	0.0396	8.9194	1.8242	0.0040	0.9062
4025	493	2.0354	0.0041	1.0000	4.5444	0.0092	2.2327	18.5150	0.0375	9.0965	1.6175	0.0033	0.7947
4026	526	2.1766	0.0041	1.0000	4.2730	0.0081	1.9632	18.7259	0.0356	8.6033	1.5822	0.0030	0.7269

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
1001	576	0.7865	0.0014	0.3335	0.0616	0.0001	0.0261	0.0151	0.0000	0.0064	3.3139	0.0057	1.4051
1002	526	0.6857	0.0013	0.3123	0.0483	0.0001	0.0220	0.0154	0.0000	0.0070	3.1648	0.0060	1.4413
1003	656	0.7504	0.0011	0.3535	0.0649	0.0001	0.0306	0.0154	0.0000	0.0073	3.6373	0.0055	1.7134
1004	599	0.8526	0.0014	0.3806	0.0670	0.0001	0.0299	0.0157	0.0000	0.0070	3.6148	0.0060	1.6136
1005	555	0.9665	0.0017	0.4434				0.0140	0.0000	0.0064	3.8913	0.0070	1.7852
1006	516	0.7796	0.0015	0.3476	0.0653	0.0001	0.0291	0.0174	0.0000	0.0078	3.3766	0.0065	1.5055
1007	556	0.8545	0.0015	0.3746				0.0160	0.0000	0.0070	3.5840	0.0064	1.5712
1008	557	0.6133	0.0011	0.2864	0.6718[a]	0.0012[a]	0.3137[a]	0.0132	0.0000	0.0062	3.2745	0.0059	1.5291
1009	553	1.0819	0.0020	0.4802	0.0727	0.0001	0.0323	0.0158	0.0000	0.0070	4.0862	0.0074	1.8138
1010	523	0.9008	0.0017	0.4054	0.0707	0.0001	0.0318	0.0124	0.0000	0.0056	3.5650	0.0068	1.6043
1011	585	0.9269	0.0016	0.4356	0.0684	0.0001	0.0321	0.0163	0.0000	0.0077	3.1469	0.0054	1.4790
1012	556	0.8603	0.0015	0.3772	0.0597	0.0001	0.0262	0.0137	0.0000	0.0060	3.7641	0.0068	1.6506
1013	619	0.9783	0.0016	0.4490	0.0856	0.0001	0.0393	0.0179	0.0000	0.0082	3.5130	0.0057	1.6125
1014	497	0.5538	0.0011	0.2838	0.0694	0.0001	0.0356	0.0100	0.0000	0.0051	3.0390	0.0061	1.5573
1015	573	1.1557	0.0020	0.5403	0.0612	0.0001	0.0286	0.0118	0.0000	0.0055	3.3410	0.0058	1.5621
1016	619	0.7147	0.0012	0.3245	0.0527	0.0001	0.0239	0.0143	0.0000	0.0065	3.6107	0.0058	1.6394
1017	550	0.7618	0.0014	0.3608	0.0598	0.0001	0.0283	0.0137	0.0000	0.0065	3.6497	0.0066	1.7287
1018	518	0.7191	0.0014	0.3341	0.0532	0.0001	0.0247	0.0119	0.0000	0.0055	3.5161	0.0068	1.6336
1019	491	0.6987	0.0014	0.3547	0.0587	0.0001	0.0298	0.0119	0.0000	0.0060	3.4092	0.0069	1.7309
1020	522	0.8386	0.0016	0.3935	0.0530	0.0001	0.0249	0.0125	0.0000	0.0059	3.4380	0.0066	1.6133
1021	516	0.8201	0.0016	0.3826	0.0612	0.0001	0.0286	0.0105	0.0000	0.0049	3.1021	0.0060	1.4473
1022	565	0.9197	0.0016	0.3961	0.0655	0.0001	0.0282	0.0128	0.0000	0.0055	3.5987	0.0064	1.5500
1023	492	0.6753	0.0014	0.3131	0.0566	0.0001	0.0262	0.0104	0.0000	0.0048	3.5751	0.0073	1.6576
1024	573	0.9772	0.0017	0.4455	0.0792	0.0001	0.0361	0.0114	0.0000	0.0052	3.8409	0.0067	1.7510
1026	540	0.7202	0.0013	0.3376	0.0539	0.0001	0.0253	0.0045	0.0000	0.0021	3.2319	0.0060	1.5152

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

[a]Weight appears to be inaccurate and is excluded from calculation of mean and standard deviation.

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
2001	478	0.6415	0.0013	0.2895	0.0544	0.0001	0.0246	0.0119	0.0000	0.0054	3.7907	0.0079	1.7108
2002	534	0.8574	0.0016	0.4019	0.0757	0.0001	0.0355	0.0116	0.0000	0.0054	3.4714	0.0065	1.6272
2003	542	0.8220	0.0015	0.3798	0.0635	0.0001	0.0293	0.0135	0.0000	0.0062	2.3802	0.0044	1.0999
2004	505	0.7284	0.0014	0.3487	0.0679	0.0001	0.0325	0.0128	0.0000	0.0061	3.6346	0.0072	1.7400
2005	463	0.6904	0.0015	0.3227	0.0490	0.0001	0.0229	0.0124	0.0000	0.0058	2.8350	0.0061	1.3252
2006	598	0.9052	0.0015	0.4212	0.0582	0.0001	0.0271	0.0140	0.0000	0.0065	4.3098	0.0072	2.0052
2007	611	0.7925	0.0013	0.3792	0.0510	0.0001	0.0244	0.0138	0.0000	0.0066	3.0142	0.0049	1.4421
2008	456	0.7045	0.0015	0.3471	0.0536	0.0001	0.0264	0.0137	0.0000	0.0068	3.0844	0.0068	1.5199
2009	497	0.8034	0.0016	0.3834	0.0622	0.0001	0.0297	0.0129	0.0000	0.0062	3.3420	0.0067	1.5947
2010	595	0.9786	0.0016	0.4841	0.0667	0.0001	0.0330	0.0215	0.0000	0.0106	3.6195	0.0061	1.7904
2011	564	1.0325	0.0018	0.4810	0.0650	0.0001	0.0303	0.0156	0.0000	0.0073	3.5067	0.0062	1.6336
2012	376	1.0438	0.0028	0.5072	0.0745	0.0002	0.0362	0.0103	0.0000	0.0050	3.1477	0.0084	1.5296
2013	570	0.9130	0.0016	0.4307	0.0792	0.0001	0.0374	0.0142	0.0000	0.0067	3.1922	0.0056	1.5058
2014	479	0.7297	0.0015	0.3406	0.0568	0.0001	0.0265	0.0150	0.0000	0.0070	3.3538	0.0070	1.5652
2015	604	1.0369	0.0017	0.4498	0.0699	0.0001	0.0303	0.0127	0.0000	0.0055	3.4815	0.0058	1.5101
2016	503	0.7775	0.0015	0.3465	0.0612	0.0001	0.0273	0.0113	0.0000	0.0050	3.1103	0.0062	1.3861
2017	528	0.5834	0.0011	0.2697	0.0503	0.0001	0.0233	0.0045	0.0000	0.0021	3.0350	0.0057	1.4032
2018	579	0.7987	0.0014	0.3396	0.0078	0.0000	0.0033	0.0075	0.0000	0.0032	3.1221	0.0054	1.3273
2019	528	0.6791	0.0013	0.3172	0.0516	0.0001	0.0241	0.0046	0.0000	0.0021	3.1435	0.0060	1.4681
2020	544	0.6936	0.0013	0.3105	0.0541	0.0001	0.0242	0.0064	0.0000	0.0029	3.3356	0.0061	1.4932
2021	637	0.8258	0.0013	0.3710	0.0541	0.0001	0.0243	0.0143	0.0000	0.0064	3.6511	0.0057	1.6402
2022	599	0.8887	0.0015	0.4027	0.0736	0.0001	0.0333	0.0122	0.0000	0.0055	3.0890	0.0052	1.3996
2023	528	0.6683	0.0013	0.3148	0.0557	0.0001	0.0262	0.0107	0.0000	0.0050	3.3913	0.0064	1.5975
2024	510	0.6003	0.0012	0.2871	0.0523	0.0001	0.0250	0.0040	0.0000	0.0019	2.9442	0.0058	1.4081
2025	598	0.7942	0.0013	0.3382	0.0813	0.0001	0.0346	0.0098	0.0000	0.0042	3.0614	0.0051	1.3036
2026	584	1.0387	0.0018	0.4906	0.0570	0.0001	0.0269	0.0132	0.0000	0.0062	3.9241	0.0067	1.8533

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
3001	506	0.8534	0.0017	0.3738	0.0617	0.0001	0.0270	0.0125	0.0000	0.0055	3.2607	0.0064	1.4281
3002	625	0.8279	0.0013	0.3706	0.0486	0.0001	0.0218	0.0171	0.0000	0.0077	3.8244	0.0061	1.7121
3003	544	0.6834	0.0013	0.3085	0.0720	0.0001	0.0325	0.0163	0.0000	0.0074	3.6011	0.0066	1.6258
3004	604	0.8159	0.0014	0.3775	0.0489	0.0001	0.0226	0.0143	0.0000	0.0066	3.2670	0.0054	1.5117
3005	529	0.7646	0.0014	0.3537	0.0535	0.0001	0.0248	0.0155	0.0000	0.0072	2.6442	0.0050	1.2233
3006	536	0.7891	0.0015	0.3639	0.0517	0.0001	0.0238	0.0139	0.0000	0.0064	3.4456	0.0064	1.5889
3007	629	0.7370	0.0012	0.3218	0.0533	0.0001	0.0233	0.0153	0.0000	0.0067	3.4548	0.0055	1.5084
3008	492	0.7979	0.0016	0.3611	0.0522	0.0001	0.0236	0.0165	0.0000	0.0075	3.5270	0.0072	1.5961
3009	649	0.8768	0.0014	0.3779	0.0678	0.0001	0.0292	0.0056	0.0000	0.0024	3.6901	0.0057	1.5904
3010	567	0.9090	0.0016	0.4214	0.0593	0.0001	0.0275	0.0137	0.0000	0.0064	2.5849	0.0046	1.1983
3011	480	0.6798	0.0014	0.3297				0.0113	0.0000	0.0055	3.2360	0.0067	1.5694
3012	565	0.7609	0.0013	0.3679	0.0698	0.0001	0.0338	0.0144	0.0000	0.0070	3.6367	0.0064	1.7585
3013	514	0.7440	0.0014	0.3707	0.0716	0.0001	0.0357	0.0146	0.0000	0.0073	3.2465	0.0063	1.6177
3014	488	0.7399	0.0015	0.3506	0.0467	0.0001	0.0221	0.0111	0.0000	0.0053	3.1816	0.0065	1.5076
3015	448	0.5944	0.0013	0.2610	0.0576	0.0001	0.0253	0.0100	0.0000	0.0044	2.9848	0.0067	1.3107
3016	521	0.6104	0.0012	0.2894	0.0610	0.0001	0.0289	0.0117	0.0000	0.0055	3.4360	0.0066	1.6293
3017	610	0.8978	0.0015	0.3902	0.0780	0.0001	0.0339	0.0133	0.0000	0.0058	3.2188	0.0053	1.3989
3018	511	0.8258	0.0016	0.3830	0.0589	0.0001	0.0273	0.0107	0.0000	0.0050	3.4804	0.0068	1.6141
3019	499	0.6319	0.0013	0.3068	0.0493	0.0001	0.0239	0.0056	0.0000	0.0027	3.2051	0.0064	1.5563
3020	544	0.7053	0.0013	0.3095	0.0727	0.0001	0.0319	0.0137	0.0000	0.0060	3.0141	0.0055	1.3228
3021	585	0.8402	0.0014	0.3991	0.0288	0.0000	0.0137	0.0064	0.0000	0.0030	2.9601	0.0051	1.4062
3022	522	0.6901	0.0013	0.3065	0.0404	0.0001	0.0179	0.0107	0.0000	0.0048	2.9432	0.0056	1.3070
3023	477	0.5543	0.0012	0.2771	0.0606	0.0001	0.0303	0.0097	0.0000	0.0048	3.0130	0.0063	1.5063
3024	587	0.8500	0.0014	0.3824	0.0574	0.0001	0.0258	0.0101	0.0000	0.0045	3.7100	0.0063	1.6692
3025	555	0.7747	0.0014	0.3537	0.0329	0.0001	0.0150	0.0062	0.0000	0.0028	3.0496	0.0055	1.3924
3026	482	0.6183	0.0013	0.2916	0.0399	0.0001	0.0188	0.0094	0.0000	0.0044	3.1436	0.0065	1.4826

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	TESTES Weight g	TESTES %FBW	TESTES %Brain
4001	538	0.8365	0.0016	0.3832	0.0819	0.0002	0.0375	0.0152	0.0000	0.0070	3.3606	0.0063	1.5396
4003	540	0.9231	0.0017	0.4158	0.0733	0.0001	0.0330	0.0141	0.0000	0.0064	3.3814	0.0063	1.5232
4004	530	0.7371	0.0014	0.3107	0.0767	0.0001	0.0323	0.0138	0.0000	0.0058	3.5117	0.0066	1.4803
4006	566	0.9582	0.0017	0.4128	0.0673	0.0001	0.0290	0.0131	0.0000	0.0056	3.6651	0.0065	1.5790
4007	523	0.7767	0.0015	0.3642	0.0758	0.0001	0.0355	0.0145	0.0000	0.0068	3.3202	0.0063	1.5567
4008	456	0.8084	0.0018	0.3800	0.0644	0.0001	0.0303	0.0100	0.0000	0.0047	3.4698	0.0076	1.6309
4009	566	0.8811	0.0016	0.3862	0.0631	0.0001	0.0277	0.0165	0.0000	0.0072	4.0286	0.0071	1.7658
4010	626	0.8428	0.0013	0.3629	0.0765	0.0001	0.0329	0.0155	0.0000	0.0067	3.4700	0.0055	1.4941
4011	510	0.7054	0.0014	0.3460	0.0444	0.0001	0.0218	0.0150	0.0000	0.0074	3.6073	0.0071	1.7692
4012	486	0.7472	0.0015	0.3754	0.0646	0.0001	0.0325	0.0146	0.0000	0.0073	3.4888	0.0072	1.7529
4013	546	0.6501	0.0012	0.2850	0.0642	0.0001	0.0281	0.0111	0.0000	0.0049	3.1754	0.0058	1.3920
4014	497	0.5553	0.0011	0.2809	0.0566	0.0001	0.0286	0.0125	0.0000	0.0063	2.7746	0.0056	1.4036
4015	556	0.6904	0.0012	0.3074	0.0581	0.0001	0.0259	0.0105	0.0000	0.0047	3.2887	0.0059	1.4644
4016	454	0.7154	0.0016	0.3534	0.0432	0.0001	0.0213	0.0095	0.0000	0.0047	2.8105	0.0062	1.3883
4017	510	0.7437	0.0015	0.3207	0.0498	0.0001	0.0215	0.0118	0.0000	0.0051	3.4155	0.0067	1.4728
4018	517	0.6984	0.0013	0.3532	0.0459	0.0001	0.0232	0.0084	0.0000	0.0042	2.8832	0.0056	1.4583
4019	498	0.8172	0.0016	0.3727	0.0805	0.0002	0.0367	0.0091	0.0000	0.0041	3.4804	0.0070	1.5872
4020	481	0.6365	0.0013	0.2845	0.0607	0.0001	0.0271	0.0102	0.0000	0.0046	2.9965	0.0062	1.3393
4021	560	0.9046	0.0016	0.4059	0.0607	0.0001	0.0272	0.0081	0.0000	0.0036	3.7292	0.0067	1.6732
4022	486	0.7076	0.0015	0.3202	0.0625	0.0001	0.0283	0.0061	0.0000	0.0028	3.5616	0.0073	1.6117
4023	533	0.9314	0.0017	0.4246	0.0752	0.0001	0.0343	0.0065	0.0000	0.0030	3.5313	0.0066	1.6097
4024	454	0.6556	0.0014	0.3257	0.0782	0.0002	0.0388	0.0102	0.0000	0.0051	3.1348	0.0069	1.5573
4025	493	0.6988	0.0014	0.3433	0.0656	0.0001	0.0322	0.0094	0.0000	0.0046	3.5705	0.0072	1.7542
4026	526	0.7652	0.0015	0.3516	0.0460	0.0001	0.0211	0.0081	0.0000	0.0037	3.1821	0.0060	1.4620

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain	EPIDIDYMIDES Weight g	%FBW	%Brain	EPIDIDYMIS LEFT Weight g	%FBW	%Brain
1001	576	1.6536	0.0029	0.7012	1.6545	0.0029	0.7015	1.2989	0.0023	0.5508	0.6862	0.0012	0.2910
1002	526	1.5426	0.0029	0.7025	1.6140	0.0031	0.7350	1.2959	0.0025	0.5902	0.6669	0.0013	0.3037
1003	656	1.8009	0.0027	0.8484	1.8291	0.0028	0.8616	1.5767	0.0024	0.7427	0.8057	0.0012	0.3795
1004	599	1.8385	0.0031	0.8207	1.7680	0.0030	0.7892	1.3804	0.0023	0.6162	0.6814	0.0011	0.3042
1005	555	1.9284	0.0035	0.8847	1.9599	0.0035	0.8991	1.5996	0.0029	0.7338	0.8316	0.0015	0.3815
1006	516	1.7063	0.0033	0.7608	1.6628	0.0032	0.7414	1.4087	0.0027	0.6281	0.7119	0.0014	0.3174
1007	556	1.7787	0.0032	0.7798	1.7972	0.0032	0.7879	1.3661	0.0025	0.5989	0.6687	0.0012	0.2931
1008	557	1.6188	0.0029	0.7559	1.6503	0.0030	0.7706	1.5221	0.0027	0.7108	0.7862	0.0014	0.3671
1009	553	2.0440	0.0037	0.9073	2.0387	0.0037	0.9050	1.6870	0.0031	0.7488	0.8559	0.0015	0.3799
1010	523	1.7898	0.0034	0.8054	1.7786	0.0034	0.8004	1.5190	0.0029	0.6836	0.7583	0.0015	0.3412
1011	585	1.6071	0.0027	0.7553	1.5377	0.0026	0.7227	1.4142	0.0024	0.6647	0.6860	0.0012	0.3224
1012	556	1.8920	0.0034	0.8296	1.8690	0.0034	0.8196	1.5761	0.0028	0.6911	0.7692	0.0014	0.3373
1013	619	1.7564	0.0028	0.8062	1.7539	0.0028	0.8051	1.4515	0.0023	0.6663	0.6967	0.0011	0.3198
1014	497	1.5646	0.0031	0.8018	1.4920	0.0030	0.7646	1.3714	0.0028	0.7028	0.6569	0.0013	0.3366
1015	573	1.6911	0.0030	0.7907	1.6418	0.0029	0.7676	1.5556	0.0027	0.7273	0.7622	0.0013	0.3564
1016	619	1.8236	0.0029	0.8280	1.7930	0.0029	0.8141	1.7351	0.0028	0.7878	0.8195	0.0013	0.3721
1017	550	1.8952	0.0034	0.8976	1.7373	0.0032	0.8229	1.5185	0.0028	0.7192	0.7684	0.0014	0.3639
1018	518	1.7556	0.0034	0.8157	1.7455	0.0034	0.8110	1.4337	0.0028	0.6661	0.7423	0.0014	0.3449
1019	491	1.7115	0.0035	0.8690	1.6850	0.0034	0.8555	1.3029	0.0027	0.6615	0.6768	0.0014	0.3436
1020	522	1.7258	0.0033	0.8099	1.7119	0.0033	0.8033	1.3035	0.0025	0.6117	0.6504	0.0012	0.3052
1021	516	1.5508	0.0030	0.7235	1.5469	0.0030	0.7217	1.3491	0.0026	0.6294	0.7418	0.0014	0.3461
1022	565	1.7834	0.0032	0.7681	1.8075	0.0032	0.7785	1.6261	0.0029	0.7004	0.8198	0.0015	0.3531
1023	492	1.7648	0.0036	0.8182	1.8114	0.0037	0.8399	1.4298	0.0029	0.6629	0.7302	0.0015	0.3386
1024	573	1.8269	0.0032	0.8328	2.0029	0.0035	0.9131	1.4202	0.0025	0.6474	0.7186	0.0013	0.3276
1026	540	1.6435	0.0030	0.7705	1.5793	0.0029	0.7404	1.3981	0.0026	0.6555	0.6482	0.0012	0.3039

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	TESTIS - LEFT Weight g	TESTIS - LEFT %FBW	TESTIS - LEFT %Brain	TESTIS - RIGHT Weight g	TESTIS - RIGHT %FBW	TESTIS - RIGHT %Brain	EPIDIDYMIDES Weight g	EPIDIDYMIDES %FBW	EPIDIDYMIDES %Brain	EPIDIDYMIS LEFT Weight g	EPIDIDYMIS LEFT %FBW	EPIDIDYMIS LEFT %Brain
2001	478	1.8715	0.0039	0.8447	1.9081	0.0040	0.8612	3.5197	0.0074	1.5885	2.6680	0.0056	1.2041
2002	534	1.7463	0.0033	0.8186	1.7187	0.0032	0.8056	1.3349	0.0025	0.6257	0.6777	0.0013	0.3177
2003	542	0.7561	0.0014	0.3494	1.6179	0.0030	0.7476	1.0960	0.0020	0.5064	0.3538	0.0007	0.1635
2004	505	1.7801	0.0035	0.8522	1.8454	0.0037	0.8835	1.3741	0.0027	0.6578	0.7052	0.0014	0.3376
2005	463	1.3953	0.0030	0.6522	1.4329	0.0031	0.6698	1.2836	0.0028	0.6000	0.6354	0.0014	0.2970
2006	598	2.2332	0.0037	1.0390	2.0739	0.0035	0.9649	1.4602	0.0024	0.6794	0.7284	0.0012	0.3389
2007	611	1.4831	0.0024	0.7095	1.5284	0.0025	0.7312	1.2604	0.0021	0.6030	0.5672	0.0009	0.2714
2008	456	1.5105	0.0033	0.7443	1.5700	0.0034	0.7736	1.1641	0.0026	0.5736	0.5470	0.0012	0.2695
2009	497	1.7040	0.0034	0.8131	1.6311	0.0033	0.7783	1.4833	0.0030	0.7078	0.7191	0.0014	0.3431
2010	595	1.7956	0.0030	0.8882	1.8120	0.0030	0.8963	1.5601	0.0026	0.7717	0.7573	0.0013	0.3746
2011	564	1.7582	0.0031	0.8191	1.7452	0.0031	0.8130	1.3141	0.0023	0.6122	0.6407	0.0011	0.2985
2012	376	1.5701	0.0042	0.7630	1.5671	0.0042	0.7615	1.2145	0.0032	0.5902	0.6019	0.0016	0.2925
2013	570	1.5904	0.0028	0.7502	1.5980	0.0028	0.7538	1.2762	0.0022	0.6020	0.6019	0.0011	0.2839
2014	479	1.6892	0.0035	0.7884	1.6487	0.0034	0.7694	1.3754	0.0029	0.6419	0.6766	0.0014	0.3158
2015	604	1.7450	0.0029	0.7569	1.7280	0.0029	0.7495	1.4060	0.0023	0.6098	0.6838	0.0011	0.2966
2016	503	1.5247	0.0030	0.6795	1.5832	0.0031	0.7055	1.4335	0.0029	0.6388	0.6874	0.0014	0.3063
2017	528	1.5152	0.0029	0.7005	1.5133	0.0029	0.6997	1.3782	0.0026	0.6372	0.6545	0.0012	0.3026
2018	579	1.5251	0.0026	0.6484	1.5927	0.0028	0.6771	1.4282	0.0025	0.6072	0.6948	0.0012	0.2954
2019	528	1.4972	0.0028	0.6992	1.6344	0.0031	0.7633	1.5428	0.0029	0.7205	0.7227	0.0014	0.3375
2020	544	1.6847	0.0031	0.7542	1.6410	0.0030	0.7346	1.4690	0.0027	0.6576	0.7309	0.0013	0.3272
2021	637	1.7814	0.0028	0.8003	1.8586	0.0029	0.8350	1.5328	0.0024	0.6886	0.7605	0.0012	0.3416
2022	599	1.5007	0.0025	0.6800	1.5798	0.0026	0.7158	1.4025	0.0023	0.6355	0.6859	0.0011	0.3108
2023	528	1.6803	0.0032	0.7915	1.6979	0.0032	0.7998	1.3839	0.0026	0.6519	0.6844	0.0013	0.3224
2024	510	1.4786	0.0029	0.7072	1.4581	0.0029	0.6974	1.2678	0.0025	0.6063	0.6273	0.0012	0.3000
2025	598	1.5379	0.0026	0.6548	1.5185	0.0025	0.6466	1.3895	0.0023	0.5917	0.7113	0.0012	0.3029
2026	584	1.9737	0.0034	0.9321	1.9459	0.0033	0.9190	1.5644	0.0027	0.7388	0.7862	0.0013	0.3713

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain	EPIDIDYMIDES Weight g	%FBW	%Brain	EPIDIDYMIS LEFT Weight g	%FBW	%Brain
3001	506	1.6074	0.0032	0.7040	1.6444	0.0032	0.7202	1.3295	0.0026	0.5823	0.6576	0.0013	0.2880
3002	625	1.8873	0.0030	0.8449	1.9294	0.0031	0.8638	1.5688	0.0025	0.7023	0.7788	0.0012	0.3487
3003	544	1.7508	0.0032	0.7904	1.8468	0.0034	0.8338	1.5454	0.0028	0.6977	0.7564	0.0014	0.3415
3004	604	1.6456	0.0027	0.7614	1.6134	0.0027	0.7465	1.5398	0.0025	0.7125	0.7956	0.0013	0.3681
3005	529	1.2945	0.0024	0.5989	1.3465	0.0025	0.6229	1.2691	0.0024	0.5871	0.6274	0.0012	0.2903
3006	536	1.7740	0.0033	0.8180	1.6695	0.0031	0.7699	1.2953	0.0024	0.5973	0.6370	0.0012	0.2937
3007	629	1.7231	0.0027	0.7523	1.7266	0.0027	0.7539	1.4247	0.0023	0.6221	0.6871	0.0011	0.3000
3008	492	1.7849	0.0036	0.8078	1.7381	0.0035	0.7866	1.3604	0.0028	0.6156	0.7041	0.0014	0.3186
3009	649	1.8547	0.0029	0.7994	1.8312	0.0028	0.7892	1.3950	0.0021	0.6012	0.7008	0.0011	0.3020
3010	567	1.6103	0.0028	0.7465	0.9607	0.0017	0.4454	1.0185	0.0018	0.4722	0.6460	0.0011	0.2995
3011	480	1.5953	0.0033	0.7737	1.6377	0.0034	0.7943	1.2590	0.0026	0.6106	0.6138	0.0013	0.2977
3012	565	1.8548	0.0033	0.8969	1.7778	0.0031	0.8596	1.5150	0.0027	0.7326	0.7528	0.0013	0.3640
3013	514	1.6161	0.0031	0.8053	1.6247	0.0032	0.8096	1.2938	0.0025	0.6447	0.6431	0.0013	0.3204
3014	488	1.5739	0.0032	0.7458	1.6011	0.0033	0.7587	1.5456	0.0032	0.7324	0.7377	0.0015	0.3496
3015	448	1.4757	0.0033	0.6480	1.5037	0.0034	0.6603	1.2436	0.0028	0.5461	0.6186	0.0014	0.2716
3016	521	1.6823	0.0032	0.7977	1.7477	0.0034	0.8287	1.5047	0.0029	0.7135	0.7184	0.0014	0.3407
3017	610	1.6676	0.0027	0.7248	1.5425	0.0025	0.6704	1.6718	0.0027	0.7266	0.7964	0.0013	0.3461
3018	511	1.6690	0.0033	0.7740	1.8024	0.0035	0.8359	1.4139	0.0028	0.6557	0.6690	0.0013	0.3103
3019	499	1.6320	0.0033	0.7925	1.5659	0.0031	0.7604	1.3603	0.0027	0.6605	0.6861	0.0014	0.3332
3020	544	1.5422	0.0028	0.6768	1.4612	0.0027	0.6413	1.5626	0.0029	0.6858	0.7523	0.0014	0.3302
3021	585	1.4671	0.0025	0.6970	1.4871	0.0025	0.7065	1.3688	0.0023	0.6503	0.6915	0.0012	0.3285
3022	522	1.4776	0.0028	0.6562	1.4581	0.0028	0.6475	1.2638	0.0024	0.5612	0.5855	0.0011	0.2600
3023	477	1.4874	0.0031	0.7436	1.5203	0.0032	0.7600	1.1584	0.0024	0.5791	0.5579	0.0012	0.2789
3024	587	1.8849	0.0032	0.8481	1.8163	0.0031	0.8172	1.5650	0.0027	0.7041	0.8356	0.0014	0.3760
3025	555	1.5097	0.0027	0.6893	1.5273	0.0028	0.6974	1.3186	0.0024	0.6021	0.6256	0.0011	0.2856
3026	482	1.5201	0.0032	0.7169	1.6085	0.0033	0.7586	1.3330	0.0028	0.6287	0.6603	0.0014	0.3114

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	TESTIS - LEFT Weight g	%FBW	%Brain	TESTIS - RIGHT Weight g	%FBW	%Brain	EPIDIDYMIDES Weight g	%FBW	%Brain	EPIDIDYMIS LEFT Weight g	%FBW	%Brain
4001	538	1.6523	0.0031	0.7570	1.7017	0.0032	0.7796	1.4226	0.0026	0.6517	0.6912	0.0013	0.3167
4003	540	1.6983	0.0031	0.7650	1.6775	0.0031	0.7557	1.3975	0.0026	0.6295	0.7120	0.0013	0.3207
4004	530	1.7841	0.0034	0.7521	1.7240	0.0033	0.7267	1.4824	0.0028	0.6249	0.7549	0.0014	0.3182
4006	566	1.8578	0.0033	0.8004	1.8015	0.0032	0.7761	1.4462	0.0026	0.6230	0.7731	0.0014	0.3331
4007	523	1.6527	0.0032	0.7749	1.6585	0.0032	0.7776	1.3551	0.0026	0.6353	0.6477	0.0012	0.3037
4008	456	1.7321	0.0038	0.8141	1.7343	0.0038	0.8151	1.4895	0.0033	0.7001	0.7454	0.0016	0.3503
4009	566	2.0097	0.0036	0.8809	2.0155	0.0036	0.8834	1.6773	0.0030	0.7352	0.8615	0.0015	0.3776
4010	626	1.6747	0.0027	0.7211	1.7907	0.0029	0.7710	1.5059	0.0024	0.6484	0.7745	0.0012	0.3335
4011	510	1.8643	0.0037	0.9144	1.7398	0.0034	0.8533	1.5048	0.0030	0.7380	0.7282	0.0014	0.3572
4012	486	1.7594	0.0036	0.8840	1.7249	0.0036	0.8667	1.4318	0.0029	0.7194	0.6926	0.0014	0.3480
4013	546	1.5825	0.0029	0.6937	1.5843	0.0029	0.6945	1.4250	0.0026	0.6247	0.7125	0.0013	0.3123
4014	497	1.3555	0.0027	0.6857	1.4158	0.0028	0.7162	1.2397	0.0025	0.6271	0.6164	0.0012	0.3118
4015	556	1.6465	0.0030	0.7332	1.6445	0.0030	0.7323	1.4821	0.0027	0.6600	0.7766	0.0014	0.3458
4016	454	1.4604	0.0032	0.7214	1.3504	0.0030	0.6671	1.2558	0.0028	0.6203	0.6287	0.0014	0.3106
4017	510	1.7064	0.0033	0.7358	1.7035	0.0033	0.7346	1.5560	0.0030	0.6710	0.7394	0.0014	0.3188
4018	517	1.3952	0.0027	0.7057	1.4841	0.0029	0.7506	1.1635	0.0022	0.5885	0.5553	0.0011	0.2809
4019	498	1.7482	0.0035	0.7972	1.7199	0.0035	0.7843	1.4758	0.0030	0.6730	0.7949	0.0016	0.3625
4020	481	1.4455	0.0030	0.6461	1.5391	0.0032	0.6879	1.2754	0.0026	0.5701	0.6049	0.0013	0.2704
4021	560	1.8722	0.0033	0.8400	1.8444	0.0033	0.8275	1.6158	0.0029	0.7250	0.8181	0.0015	0.3671
4022	486	1.7910	0.0037	0.8104	1.7542	0.0036	0.7938	1.4209	0.0029	0.6430	0.7209	0.0015	0.3262
4023	533	1.7186	0.0032	0.7834	1.8046	0.0034	0.8226	1.3923	0.0026	0.6347	0.6382	0.0012	0.2909
4024	454	1.5662	0.0035	0.7780	1.5605	0.0034	0.7752	1.2778	0.0028	0.6348	0.6412	0.0014	0.3185
4025	493	1.8483	0.0037	0.9081	1.7144	0.0035	0.8423	1.6447	0.0033	0.8080	0.8624	0.0017	0.4237
4026	526	1.5573	0.0030	0.7155	1.6091	0.0031	0.7393	1.3644	0.0026	0.6268	0.6990	0.0013	0.3211

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	PROSTATE Weight g	%FBW	%Brain	SEM.VES & CO.GL. Weight g	%FBW	%Brain
1001	576	0.6129	0.0011	0.2599	1.0725	0.0019	0.4548	1.7763	0.0031	0.7532
1002	526	0.6239	0.0012	0.2841	1.1634	0.0022	0.5298	1.3250	0.0025	0.6034
1003	656	0.7659	0.0012	0.3608	1.0646	0.0016	0.5015	2.0462	0.0031	0.9639
1004	599	0.6968	0.0012	0.3110	1.3302	0.0022	0.5938	1.5539	0.0026	0.6936
1005	555	0.7648	0.0014	0.3509	0.9140	0.0016	0.4193	1.3904	0.0025	0.6379
1006	516	0.6900	0.0013	0.3076	1.5362	0.0030	0.6849	1.7265	0.0033	0.7698
1007	556	0.6948	0.0013	0.3046	0.8677	0.0016	0.3804	1.4158	0.0025	0.6207
1008	557	0.7324	0.0013	0.3420	1.5039	0.0027	0.7023	1.1061	0.0020	0.5165
1009	553	0.8280	0.0015	0.3675	1.0093	0.0018	0.4480	1.5214	0.0028	0.6753
1010	523	0.7570	0.0014	0.3407	1.1089	0.0021	0.4990	2.1267	0.0041	0.9570
1011	585	0.7242	0.0012	0.3404	0.9565	0.0016	0.4495	1.0887	0.0019	0.5117
1012	556	0.8019	0.0014	0.3516	0.9816	0.0018	0.4304	1.6057	0.0029	0.7041
1013	619	0.7516	0.0012	0.3450	1.1802	0.0019	0.5417	2.2615	0.0037	1.0381
1014	497	0.6873	0.0014	0.3522	1.0232	0.0021	0.5243	2.3277	0.0047	1.1928
1015	573	0.7790	0.0014	0.3642	1.4034	0.0025	0.6562	1.9648	0.0034	0.9186
1016	619	0.8807	0.0014	0.3999	1.1320	0.0018	0.5140	1.4033	0.0023	0.6371
1017	550	0.7452	0.0014	0.3530	0.9341	0.0017	0.4424	1.5214	0.0028	0.7206
1018	518	0.6839	0.0013	0.3178	0.7629	0.0015	0.3545	0.7912	0.0015	0.3676
1019	491	0.6072	0.0012	0.3083	1.2388	0.0025	0.6290	1.5980	0.0033	0.8113
1020	522	0.6488	0.0012	0.3045	1.0098	0.0019	0.4739	2.2513	0.0043	1.0565
1021	516	0.6038	0.0012	0.2817	0.8446	0.0016	0.3940	2.0933	0.0041	0.9766
1022	565	0.7965	0.0014	0.3431	1.1741	0.0021	0.5057	1.9004	0.0034	0.8185
1023	492	0.6963	0.0014	0.3228	1.0058	0.0020	0.4663	1.6595	0.0034	0.7694
1024	573	0.7082	0.0012	0.3228	1.0016	0.0017	0.4566	0.9137	0.0016	0.4165
1026	540	0.7358	0.0014	0.3450	0.9293	0.0017	0.4357	2.0688	0.0038	0.9699

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	PROSTATE Weight g	%FBW	%Brain	SEM.VES & CO.GL. Weight g	%FBW	%Brain
2001	478	0.8441	0.0018	0.3810	1.0997	0.0023	0.4963	1.5239	0.0032	0.6878
2002	534	0.6546	0.0012	0.3068	1.9415	0.0036	0.9100	1.3869	0.0026	0.6501
2003	542	0.7359	0.0014	0.3400	0.9093	0.0017	0.4202	1.5260	0.0028	0.7051
2004	505	0.6636	0.0013	0.3177	1.1007	0.0022	0.5270	1.9564	0.0039	0.9366
2005	463	0.6437	0.0014	0.3009	1.0259	0.0022	0.4795	1.5676	0.0034	0.7328
2006	598	0.7264	0.0012	0.3380	1.0075	0.0017	0.4688	1.3517	0.0023	0.6289
2007	611	0.6897	0.0011	0.3300	1.5054	0.0025	0.7202	1.6122	0.0026	0.7713
2008	456	0.6143	0.0013	0.3027	0.7832	0.0017	0.3859	1.4917	0.0033	0.7350
2009	497	0.7523	0.0015	0.3590	0.8860	0.0018	0.4228	2.1824	0.0044	1.0414
2010	595	0.7994	0.0013	0.3954	1.2499	0.0021	0.6183	2.0357	0.0034	1.0070
2011	564	0.6709	0.0012	0.3125	1.4118	0.0025	0.6577	1.6067	0.0029	0.7485
2012	376	0.6094	0.0016	0.2961	1.0486	0.0028	0.5095	0.8968	0.0024	0.4358
2013	570	0.6699	0.0012	0.3160	1.0930	0.0019	0.5156	1.3013	0.0023	0.6138
2014	479	0.6983	0.0015	0.3259	1.0494	0.0022	0.4898	1.1252	0.0023	0.5251
2015	604	0.7125	0.0012	0.3090	1.2466	0.0021	0.5407	1.4419	0.0024	0.6254
2016	503	0.7398	0.0015	0.3297	0.7869	0.0016	0.3507	1.1918	0.0024	0.5311
2017	528	0.7124	0.0013	0.3294	0.8475	0.0016	0.3918	2.1542	0.0041	0.9960
2018	579	0.7251	0.0013	0.3083	0.9181	0.0016	0.3903	1.0261	0.0018	0.4362
2019	528	0.8054	0.0015	0.3761	0.6387	0.0012	0.2983	1.6683	0.0032	0.7791
2020	544	0.7226	0.0013	0.3235	1.0507	0.0019	0.4704	1.1764	0.0022	0.5266
2021	637	0.7951	0.0012	0.3572	0.9237	0.0015	0.4150	1.2789	0.0020	0.5745
2022	599	0.7116	0.0012	0.3224	1.0022	0.0017	0.4541	1.4455	0.0024	0.6550
2023	528	0.6851	0.0013	0.3227	0.8918	0.0017	0.4201	1.3746	0.0026	0.6475
2024	510	0.6359	0.0012	0.3041	0.9524	0.0019	0.4555	1.7014	0.0033	0.8137
2025	598	0.6708	0.0011	0.2856	0.9943	0.0017	0.4234	2.2461	0.0038	0.9564
2026	584	0.7672	0.0013	0.3623	0.8458	0.0014	0.3995	1.1795	0.0020	0.5571

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	PROSTATE Weight g	%FBW	%Brain	SEM.VES & CO.GL. Weight g	%FBW	%Brain
3001	506	0.6678	0.0013	0.2925	1.2485	0.0025	0.5468	1.3175	0.0026	0.5770
3002	625	0.7808	0.0012	0.3496	1.1531	0.0018	0.5162	1.6619	0.0027	0.7440
3003	544	0.7851	0.0014	0.3544	1.5571	0.0029	0.7030	2.2408	0.0041	1.0116
3004	604	0.7377	0.0012	0.3413	1.0097	0.0017	0.4672	2.2855	0.0038	1.0575
3005	529	0.6372	0.0012	0.2948	1.2498	0.0024	0.5782	2.3517	0.0044	1.0880
3006	536	0.6517	0.0012	0.3005	1.0366	0.0019	0.4780	2.3691	0.0044	1.0925
3007	629	0.7295	0.0012	0.3185	1.1403	0.0018	0.4979	1.4008	0.0022	0.6116
3008	492	0.6500	0.0013	0.2942	0.8404	0.0017	0.3803	2.0407	0.0042	0.9235
3009	649	0.6902	0.0011	0.2975	1.1921	0.0018	0.5138	2.0638	0.0032	0.8895
3010	567	0.3633	0.0006	0.1684	1.1484	0.0020	0.5324	1.8657	0.0033	0.8649
3011	480	0.6422	0.0013	0.3115	0.9572	0.0020	0.4642	1.5226	0.0032	0.7384
3012	565	0.7563	0.0013	0.3657	1.1878	0.0021	0.5743	2.1061	0.0037	1.0184
3013	514	0.6465	0.0013	0.3221	1.2794	0.0025	0.6375	2.3898	0.0047	1.1908
3014	488	0.7815	0.0016	0.3703	1.2121	0.0025	0.5743	2.4006	0.0049	1.1375
3015	448	0.6198	0.0014	0.2722	0.4460	0.0010	0.1959	1.5319	0.0034	0.6727
3016	521	0.7795	0.0015	0.3696	0.8058	0.0015	0.3821	2.0637	0.0040	0.9786
3017	610	0.8606	0.0014	0.3740	1.5778	0.0026	0.6857	1.6557	0.0027	0.7196
3018	511	0.7371	0.0014	0.3418	1.3841	0.0027	0.6419	1.5740	0.0031	0.7300
3019	499	0.6626	0.0013	0.3217	0.8638	0.0017	0.4194	2.3813	0.0048	1.1563
3020	544	0.7857	0.0014	0.3448	1.3031	0.0024	0.5719	2.2033	0.0041	0.9670
3021	585	0.6676	0.0011	0.3171	0.8989	0.0015	0.4270	1.5609	0.0027	0.7415
3022	522	0.6642	0.0013	0.2950	0.9813	0.0019	0.4358	1.5509	0.0030	0.6887
3023	477	0.5891	0.0012	0.2945	0.8292	0.0017	0.4145	1.1868	0.0025	0.5933
3024	587	0.7199	0.0012	0.3239	1.2604	0.0021	0.5671	1.9771	0.0034	0.8895
3025	555	0.6821	0.0012	0.3114	1.0017	0.0018	0.4574	2.0340	0.0037	0.9287
3026	482	0.6626	0.0014	0.3125	0.8755	0.0018	0.4129	1.2115	0.0025	0.5714

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

MALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	EPIDIDYMIS RIGHT Weight g	%FBW	%Brain	PROSTATE Weight g	%FBW	%Brain	SEM.VES & CO.GL. Weight g	%FBW	%Brain
4001	538	0.7114	0.0013	0.3259	1.1347	0.0021	0.5198	2.0863	0.0039	0.9558
4003	540	0.6848	0.0013	0.3085	1.1132	0.0021	0.5015	1.9073	0.0035	0.8592
4004	530	0.7195	0.0014	0.3033	1.3839	0.0026	0.5834	1.9572	0.0037	0.8250
4006	566	0.6694	0.0012	0.2884	1.1631	0.0021	0.5011	1.4364	0.0025	0.6188
4007	523	0.7025	0.0013	0.3294	1.0475	0.0020	0.4911	2.1048	0.0040	0.9868
4008	456	0.7406	0.0016	0.3481	0.7707	0.0017	0.3622	2.6954	0.0059	1.2669
4009	566	0.8131	0.0014	0.3564	1.6625	0.0029	0.7287	2.0797	0.0037	0.9115
4010	626	0.7279	0.0012	0.3134	1.0121	0.0016	0.4358	1.9856	0.0032	0.8549
4011	510	0.7731	0.0015	0.3792	1.0587	0.0021	0.5193	1.0062	0.0020	0.4935
4012	486	0.7367	0.0015	0.3701	1.2440	0.0026	0.6250	2.4769	0.0051	1.2445
4013	546	0.7058	0.0013	0.3094	1.0154	0.0019	0.4451	1.4614	0.0027	0.6406
4014	497	0.6155	0.0012	0.3114	0.6999	0.0014	0.3541	1.8816	0.0038	0.9518
4015	556	0.7993	0.0014	0.3559	0.8293	0.0015	0.3693	1.7808	0.0032	0.7930
4016	454	0.6205	0.0014	0.3065	0.9188	0.0020	0.4539	1.6489	0.0036	0.8145
4017	510	0.8072	0.0016	0.3481	0.9389	0.0018	0.4049	1.5560	0.0030	0.6710
4018	517	0.6008	0.0012	0.3039	0.8281	0.0016	0.4188	0.9917	0.0019	0.5016
4019	498	0.6650	0.0013	0.3033	0.8899	0.0018	0.4058	1.9959	0.0040	0.9102
4020	481	0.6572	0.0014	0.2937	0.9126	0.0019	0.4079	0.9495	0.0020	0.4244
4021	560	0.7836	0.0014	0.3516	1.2989	0.0023	0.5828	2.6024	0.0046	1.1676
4022	486	0.6862	0.0014	0.3105	0.7669	0.0016	0.3470	2.0484	0.0042	0.9269
4023	533	0.7332	0.0014	0.3342	1.2031	0.0023	0.5484	1.8674	0.0035	0.8512
4024	454	0.6194	0.0014	0.3077	1.4457	0.0032	0.7182	1.4052	0.0031	0.6981
4025	493	0.7725	0.0016	0.3795	1.1101	0.0023	0.5454	2.6439	0.0054	1.2990
4026	526	0.6502	0.0012	0.2987	1.0479	0.0020	0.4814	1.0804	0.0021	0.4964

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
1501	314	1.9901	0.0063	1.0000	2.8747	0.0092	1.4445	15.0636	0.0480	7.5693	1.6879	0.0054	0.8481
1502	345	2.0398	0.0059	1.0000	2.8078	0.0081	1.3765	17.1875	0.0498	8.4261	1.5570	0.0045	0.7633
1503	277	1.8042	0.0065	1.0000	2.5542	0.0092	1.4157	13.7341	0.0496	7.6123	1.4144	0.0051	0.7839
1504	301	2.0251	0.0067	1.0000	3.0089	0.0100	1.4858	15.4063	0.0512	7.6077	1.5051	0.0050	0.7432
1505	285	2.1803	0.0076	1.0000	3.1807	0.0112	1.4588	11.5047	0.0403	5.2767	1.5161	0.0053	0.6954
1506	306	2.0857	0.0068	1.0000	2.9826	0.0098	1.4300	16.2338	0.0531	7.7834	1.4710	0.0048	0.7053
1508	325	2.0930	0.0064	1.0000	3.1645	0.0097	1.5119	16.8359	0.0518	8.0439	1.6988	0.0052	0.8117
1510	315	2.1063	0.0067	1.0000	3.1147	0.0099	1.4788	15.9568	0.0507	7.5757	1.5515	0.0049	0.7366
1511	333	2.0039	0.0060	1.0000	2.8043	0.0084	1.3994	15.8552	0.0476	7.9122	1.3815	0.0041	0.6894
1512	315	1.8980	0.0060	1.0000	2.1792	0.0069	1.1482	15.6598	0.0497	8.2507	1.2565	0.0040	0.6620
1513	341	1.8864	0.0055	1.0000	2.7647	0.0081	1.4656	16.3081	0.0478	8.6451	1.5417	0.0045	0.8173
1516	307	2.0435	0.0067	1.0000	2.8859	0.0094	1.4122	14.4729	0.0472	7.0824	1.6470	0.0054	0.8060
1517	345	2.0869	0.0061	1.0000	2.9560	0.0086	1.4165	17.1449	0.0497	8.2155	1.6835	0.0049	0.8067
1518	333	1.8593	0.0056	1.0000	3.0164	0.0091	1.6223	15.6615	0.0470	8.4233	1.3915	0.0042	0.7484
1519	359	1.9258	0.0054	1.0000	2.7271	0.0076	1.4161	17.2306	0.0480	8.9472	1.6168	0.0045	0.8395
1521	332	2.0903	0.0063	1.0000	2.6907	0.0081	1.2872	17.0772	0.0514	8.1697	1.5348	0.0046	0.7342
1522	325	1.9842	0.0061	1.0000	2.6668	0.0082	1.3440	15.2086	0.0468	7.6649	1.5089	0.0046	0.7605
1523	315	2.0108	0.0064	1.0000	2.5742	0.0082	1.2802	13.4596	0.0427	6.6937	1.3291	0.0042	0.6610
1524	355	2.0340	0.0057	1.0000	2.7095	0.0076	1.3321	16.0116	0.0451	7.8720	1.5491	0.0044	0.7616
1525	351	2.0159	0.0057	1.0000	2.9681	0.0085	1.4723	16.8153	0.0479	8.3413	1.5089	0.0043	0.7485
1526	343	2.1409	0.0062	1.0000	3.0609	0.0089	1.4297	17.0812	0.0499	7.9785	1.7238	0.0050	0.8052

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
2501	328	2.0608	0.0063	1.0000	3.1009	0.0095	1.5047	16.6556	0.0508	8.0821	1.5823	0.0048	0.7678
2502	319	2.1127	0.0066	1.0000	3.1574	0.0099	1.4945	16.8222	0.0528	7.9624	1.6548	0.0052	0.7833
2503	282	1.9435	0.0069	1.0000	2.7155	0.0096	1.3972	12.5114	0.0443	6.4376	1.4487	0.0051	0.7454
2504	345	2.0729	0.0060	1.0000	3.1259	0.0091	1.5080	17.4541	0.0506	8.4201	1.6494	0.0048	0.7957
2505	309	1.9900	0.0064	1.0000	2.8271	0.0091	1.4207	15.5098	0.0501	7.7939	1.4591	0.0047	0.7332
2506	323	1.9488	0.0060	1.0000	2.7611	0.0086	1.4168	16.2224	0.0503	8.3243	1.6011	0.0050	0.8216
2507	355	1.9630	0.0055	1.0000	3.0030	0.0085	1.5298	18.1260	0.0511	9.2338	1.7189	0.0048	0.8756
2508	277	1.8846	0.0068	1.0000	2.2964	0.0083	1.2185	12.9166	0.0466	6.8538	1.4036	0.0051	0.7448
2509	327	2.0708	0.0063	1.0000	3.2596	0.0100	1.5741	16.1389	0.0494	7.7936	1.6577	0.0051	0.8005
2510	346	1.9307	0.0056	1.0000	3.0619	0.0088	1.5859	16.6205	0.0480	8.6085	1.7007	0.0049	0.8809
2511	338	1.9930	0.0059	1.0000	3.0377	0.0090	1.5242	18.1947	0.0539	9.1293	1.4737	0.0044	0.7394
2512	299	1.9510	0.0065	1.0000	2.8744	0.0096	1.4733	16.8677	0.0565	8.6457	1.5607	0.0052	0.7999
2515	312	2.1704	0.0070	1.0000	2.6958	0.0086	1.2421	14.9078	0.0478	6.8687	1.6490	0.0053	0.7598
2517	302	2.0064	0.0066	1.0000	2.4233	0.0080	1.2078	13.5422	0.0449	6.7495	1.4257	0.0047	0.7106
2518	335	2.0897	0.0062	1.0000	3.3252	0.0099	1.5912	14.1276	0.0422	6.7606	1.6661	0.0050	0.7973
2519	291	2.0336	0.0070	1.0000	2.3232	0.0080	1.1424	15.3430	0.0527	7.5447	1.5351	0.0053	0.7549
2520	303	2.0069	0.0066	1.0000	2.7310	0.0090	1.3608	12.9498	0.0427	6.4526	1.6337	0.0054	0.8140
2521	314	2.0806	0.0066	1.0000	2.7533	0.0088	1.3233	15.5958	0.0497	7.4958	1.5512	0.0049	0.7456
2522	318	1.9413	0.0061	1.0000	2.4381	0.0077	1.2559	13.3724	0.0420	6.8884	1.4299	0.0045	0.7366
2523	321	2.0624	0.0064	1.0000	2.7901	0.0087	1.3528	14.0039	0.0436	6.7901	1.4626	0.0046	0.7092
2525	324	2.0020	0.0062	1.0000	2.7571	0.0085	1.3772	13.4817	0.0416	6.7341	1.5377	0.0047	0.7681

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
3501	304	2.1987	0.0072	1.0000	3.2114	0.0106	1.4606	14.6703	0.0483	6.6723	1.5710	0.0052	0.7145
3503	342	2.0101	0.0059	1.0000	2.8216	0.0082	1.4037	16.3704	0.0479	8.1441	1.5514	0.0045	0.7718
3505	305	2.0771	0.0068	1.0000	2.7277	0.0090	1.3132	14.9456	0.0491	7.1954	1.3435	0.0044	0.6468
3507	297	2.2118	0.0075	1.0000	3.0531	0.0103	1.3804	16.1586	0.0545	7.3056	1.6510	0.0056	0.7465
3508	329	1.9664	0.0060	1.0000	3.0546	0.0093	1.5534	15.9220	0.0484	8.0970	1.5814	0.0048	0.8042
3509	313	2.0957	0.0067	1.0000	2.8119	0.0090	1.3417	13.8088	0.0442	6.5891	1.5738	0.0050	0.7510
3510	293	2.0223	0.0069	1.0000	2.7789	0.0095	1.3741	13.9947	0.0477	6.9202	1.5697	0.0054	0.7762
3511	352	1.9486	0.0055	1.0000	2.9453	0.0084	1.5115	16.6361	0.0473	8.5375	1.4948	0.0042	0.7671
3512	326	1.9683	0.0060	1.0000	2.9285	0.0090	1.4878	14.5850	0.0448	7.4099	1.4901	0.0046	0.7570
3513	330	1.9619	0.0059	1.0000	2.9983	0.0091	1.5283	14.2893	0.0433	7.2834	1.6188	0.0049	0.8251
3514	315	2.2167	0.0070	1.0000	3.4592	0.0110	1.5605	14.4248	0.0457	6.5073	1.5679	0.0050	0.7073
3515	338	2.1383	0.0063	1.0000	3.2031	0.0095	1.4980	18.2977	0.0541	8.5571	1.6385	0.0048	0.7663
3516	315	1.9936	0.0063	1.0000	2.8796	0.0091	1.4444	14.4000	0.0457	7.2231	1.5673	0.0050	0.7862
3517	329	2.2270	0.0068	1.0000	3.1681	0.0096	1.4226	16.7782	0.0510	7.5340	1.5025	0.0046	0.6747
3518	328	2.0916	0.0064	1.0000	2.6316	0.0080	1.2582	15.2489	0.0465	7.2905	1.6225	0.0049	0.7757
3519	321	1.9924	0.0062	1.0000	2.8478	0.0089	1.4293	18.2387	0.0568	9.1541	1.2429	0.0039	0.6238
3520	314	2.1045	0.0067	1.0000	2.7943	0.0089	1.3278	13.3552	0.0426	6.3460	1.3196	0.0042	0.6270
3521	322	2.2024	0.0068	1.0000	2.9323	0.0091	1.3314	16.4462	0.0510	7.4674	1.5843	0.0049	0.7194
3522	329	2.2024	0.0067	1.0000	3.1536	0.0096	1.4319	14.5307	0.0442	6.5977	1.5700	0.0048	0.7129
3523	320	1.9282	0.0060	1.0000	2.7079	0.0085	1.4044	12.7654	0.0399	6.6204	1.3989	0.0044	0.7255
3524	374	2.1136	0.0057	1.0000	3.3427	0.0089	1.5815	18.3819	0.0492	8.6970	1.6086	0.0043	0.7611
3525	332	1.9755	0.0060	1.0000	3.2281	0.0097	1.6341	16.5252	0.0498	8.3651	1.6690	0.0050	0.8448
3526	348	2.0167	0.0058	1.0000	3.4312	0.0099	1.7014	17.2680	0.0497	8.5625	1.6422	0.0047	0.8143

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	BRAIN Weight g	BRAIN %FBW	BRAIN %Brain	KIDNEYS Weight g	KIDNEYS %FBW	KIDNEYS %Brain	LIVER Weight g	LIVER %FBW	LIVER %Brain	LUNGS Weight g	LUNGS %FBW	LUNGS %Brain
4501	284	1.8590	0.0065	1.0000	2.2726	0.0080	1.2225	13.8967	0.0489	7.4754	1.2520	0.0044	0.6735
4502	314	1.8778	0.0060	1.0000	2.8024	0.0089	1.4924	15.6590	0.0499	8.3390	1.3424	0.0043	0.7149
4503	334	2.0555	0.0061	1.0000	3.1474	0.0094	1.5312	15.7218	0.0470	7.6486	1.6404	0.0049	0.7981
4504	346	2.1115	0.0061	1.0000	2.9931	0.0087	1.4175	17.3562	0.0502	8.2198	1.7638	0.0051	0.8353
4505	334	2.0349	0.0061	1.0000	2.7399	0.0082	1.3465	15.6422	0.0468	7.6870	1.6696	0.0050	0.8205
4506	308	2.1238	0.0069	1.0000	3.3451	0.0109	1.5751	17.1331	0.0556	8.0672	1.6775	0.0054	0.7899
4507	332	2.0972	0.0063	1.0000	3.2643	0.0098	1.5565	16.4531	0.0496	7.8453	1.7079	0.0052	0.8144
4508	294	1.9316	0.0066	1.0000	2.7597	0.0094	1.4287	15.9647	0.0543	8.2650	1.5981	0.0054	0.8273
4509	295	1.9119	0.0065	1.0000	2.6907	0.0091	1.4073	15.6847	0.0533	8.2037	1.4035	0.0048	0.7341
4510	333	2.0657	0.0062	1.0000	2.8914	0.0087	1.3997	15.0734	0.0452	7.2970	1.4367	0.0043	0.6955
4511	311	1.9935	0.0064	1.0000	3.2337	0.0104	1.6221	17.5129	0.0563	8.7850	1.5079	0.0048	0.7564
4512	325	2.0671	0.0064	1.0000	3.4085	0.0105	1.6489	19.0622	0.0587	9.2217	1.5557	0.0048	0.7526
4515	314	1.8017	0.0057	1.0000	2.6395	0.0084	1.4650	17.5132	0.0558	9.7204	1.5114	0.0048	0.8389
4516	276	1.8264	0.0066	1.0000	2.5628	0.0093	1.4032	13.0263	0.0472	7.1322	1.2482	0.0045	0.6834
4517	335	1.9667	0.0059	1.0000	3.0922	0.0092	1.5723	15.0959	0.0451	7.6758	1.4793	0.0044	0.7522
4518	283	2.0020	0.0071	1.0000	2.7757	0.0098	1.3865	12.8323	0.0454	6.4097	1.7718	0.0063	0.8850
4519	308	2.0671	0.0067	1.0000	2.6149	0.0085	1.2650	14.6210	0.0475	7.0732	1.4028	0.0046	0.6786
4520	290	2.0186	0.0070	1.0000	2.8187	0.0097	1.3964	12.1480	0.0419	6.0180	1.4156	0.0049	0.7013
4521	298	2.1037	0.0071	1.0000	3.3394	0.0112	1.5874	16.5698	0.0557	7.8765	1.5303	0.0051	0.7274
4522	284	2.0402	0.0072	1.0000	2.8036	0.0099	1.3742	14.6678	0.0516	7.1894	1.4524	0.0051	0.7119
4523	333	1.9158	0.0058	1.0000	2.8968	0.0087	1.5121	15.7232	0.0472	8.2071	1.4213	0.0043	0.7419
4524	295	2.1083	0.0072	1.0000	3.2574	0.0111	1.5450	14.0168	0.0476	6.6484	1.6777	0.0057	0.7958
4525	262	1.8813	0.0072	1.0000	2.7538	0.0105	1.4638	13.0752	0.0498	6.9501	1.3327	0.0051	0.7084
4526	321	1.9342	0.0060	1.0000	3.2811	0.0102	1.6964	18.7583	0.0585	9.6982	1.5270	0.0048	0.7895

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain
1501	314	0.5801	0.0018	0.2915	0.0985	0.0003	0.0495	0.0179	0.0001	0.0090	0.1476	0.0005	0.0742
1502	345	0.6821	0.0020	0.3344	0.0790	0.0002	0.0387	0.0152	0.0000	0.0075	0.1318	0.0004	0.0646
1503	277	0.5189	0.0019	0.2876	0.0975	0.0004	0.0540	0.0165	0.0001	0.0091	0.1187	0.0004	0.0658
1504	301	0.6390	0.0021	0.3155	0.0874	0.0003	0.0432	0.0164	0.0001	0.0081	0.1180	0.0004	0.0583
1505	285	0.5847	0.0021	0.2682	0.0812	0.0003	0.0372	0.0176	0.0001	0.0081	0.1047	0.0004	0.0480
1506	306	0.6965	0.0023	0.3339	0.0731	0.0002	0.0350	0.0167	0.0001	0.0080	0.1125	0.0004	0.0539
1508	325	0.6838	0.0021	0.3267	0.0940	0.0003	0.0449	0.0170	0.0001	0.0081	0.1003	0.0003	0.0479
1510	315	0.6811	0.0022	0.3234	0.0664	0.0002	0.0315	0.0178	0.0001	0.0085	0.1098	0.0003	0.0521
1511	333	0.6032	0.0018	0.3010	0.0763	0.0002	0.0381	0.0215	0.0001	0.0107	0.1298	0.0004	0.0648
1512	315	0.5007	0.0016	0.2638	0.0674	0.0002	0.0355	0.0116	0.0000	0.0061	0.0863	0.0003	0.0455
1513	341	0.6326	0.0019	0.3353	0.0744	0.0002	0.0394	0.0169	0.0000	0.0090	0.1319	0.0004	0.0699
1516	307	0.6404	0.0021	0.3134	0.0950	0.0003	0.0465	0.0153	0.0000	0.0075	0.1149	0.0004	0.0562
1517	345	0.8703	0.0025	0.4170	0.0894	0.0003	0.0428	0.0184	0.0001	0.0088	0.1218	0.0004	0.0584
1518	333	0.6887	0.0021	0.3704	0.0966	0.0003	0.0520	0.0135	0.0000	0.0073	0.1136	0.0003	0.0611
1519	359	0.6026	0.0017	0.3129	0.0789	0.0002	0.0410	0.0171	0.0000	0.0089	0.0868	0.0002	0.0451
1521	332	0.5863	0.0018	0.2805	0.0738	0.0002	0.0353	0.0160	0.0000	0.0077	0.1115	0.0003	0.0533
1522	325	0.4917	0.0015	0.2478	0.0727	0.0002	0.0366	0.0138	0.0000	0.0070	0.0952	0.0003	0.0480
1523	315	0.6197	0.0020	0.3082	0.0859	0.0003	0.0427	0.0188	0.0001	0.0093	0.1192	0.0004	0.0593
1524	355	0.5743	0.0016	0.2824	0.0809	0.0002	0.0398	0.0163	0.0000	0.0080	0.1109	0.0003	0.0545
1525	351	0.5253	0.0015	0.2606	0.0868	0.0002	0.0431	0.0157	0.0000	0.0078	0.0987	0.0003	0.0490
1526	343	0.6014	0.0018	0.2809	0.0753	0.0002	0.0352	0.0145	0.0000	0.0068	0.0994	0.0003	0.0464

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain
2501	328	0.5439	0.0017	0.2639	0.0802	0.0002	0.0389	0.0208	0.0001	0.0101	0.1282	0.0004	0.0622
2502	319	0.6483	0.0020	0.3069	0.0769	0.0002	0.0364	0.0186	0.0001	0.0088	0.1050	0.0003	0.0497
2503	282	0.5928	0.0021	0.3050	0.0678	0.0002	0.0349	0.0180	0.0001	0.0093	0.0942	0.0003	0.0485
2504	345	0.6997	0.0020	0.3375	0.0814	0.0002	0.0393	0.0201	0.0001	0.0097	0.1377	0.0004	0.0664
2505	309	0.7235	0.0023	0.3636	0.0721	0.0002	0.0362	0.0136	0.0000	0.0068	0.0953	0.0003	0.0479
2506	323	0.6625	0.0021	0.3400	0.0826	0.0003	0.0424	0.0174	0.0001	0.0089	0.1176	0.0004	0.0603
2507	355	0.5449	0.0015	0.2776	0.0944	0.0003	0.0481	0.0198	0.0001	0.0101	0.1133	0.0003	0.0577
2508	277	0.6851	0.0025	0.3635	0.0604	0.0002	0.0320	0.0119	0.0000	0.0063	0.0970	0.0004	0.0515
2509	327	0.6887	0.0021	0.3326	0.0939	0.0003	0.0453	0.0186	0.0001	0.0090	0.1235	0.0004	0.0596
2510	346	0.8568	0.0025	0.4438	0.0830	0.0002	0.0430	0.0225	0.0001	0.0117	0.1297	0.0004	0.0672
2511	338	0.6606	0.0020	0.3315	0.0980	0.0003	0.0492	0.0214	0.0001	0.0107	0.1043	0.0003	0.0523
2512	299	0.5976	0.0020	0.3063	0.0761	0.0003	0.0390	0.0175	0.0001	0.0090	0.0921	0.0003	0.0472
2515	312	0.7259	0.0023	0.3345	0.0801	0.0003	0.0369	0.0186	0.0001	0.0086	0.1130	0.0004	0.0521
2517	302	0.4984	0.0017	0.2484	0.0744	0.0002	0.0371	0.0169	0.0001	0.0084	0.0909	0.0003	0.0453
2518	335	0.5276	0.0016	0.2525	0.0917	0.0003	0.0439	0.0189	0.0001	0.0090	0.1205	0.0004	0.0577
2519	291	0.5384	0.0018	0.2648	0.0699	0.0002	0.0344	0.0115	0.0000	0.0057	0.0942	0.0003	0.0463
2520	303	0.5611	0.0019	0.2796	0.0687	0.0002	0.0342	0.0160	0.0001	0.0080	0.1380	0.0005	0.0688
2521	314	0.6490	0.0021	0.3119	0.0744	0.0002	0.0358	0.0168	0.0001	0.0081	0.1163	0.0004	0.0559
2522	318	0.6036	0.0019	0.3109	0.0740	0.0002	0.0381	0.0146	0.0000	0.0075	0.0942	0.0003	0.0485
2523	321	0.6048	0.0019	0.2933	0.0838	0.0003	0.0406	0.0164	0.0001	0.0080	0.1021	0.0003	0.0495
2525	324	0.6090	0.0019	0.3042	0.0859	0.0003	0.0429	0.0143	0.0000	0.0071	0.1064	0.0003	0.0531

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain
3501	304	0.6740	0.0022	0.3065	0.0750	0.0002	0.0341	0.0152	0.0001	0.0069	0.1488	0.0005	0.0677
3503	342	0.6466	0.0019	0.3217	0.0773	0.0002	0.0385	0.0180	0.0001	0.0090	0.1222	0.0004	0.0608
3505	305	0.6764	0.0022	0.3256	0.0840	0.0003	0.0404	0.0212	0.0001	0.0102	0.1189	0.0004	0.0572
3507	297	0.5706	0.0019	0.2580	0.0718	0.0002	0.0325	0.0211	0.0001	0.0095	0.1212	0.0004	0.0548
3508	329	0.6650	0.0020	0.3382	0.0885	0.0003	0.0450	0.0158	0.0000	0.0080	0.1310	0.0004	0.0666
3509	313	0.6822	0.0022	0.3255	0.0878	0.0003	0.0419	0.0160	0.0001	0.0076	0.1456	0.0005	0.0695
3510	293	0.6422	0.0022	0.3176	0.0791	0.0003	0.0391	0.0177	0.0001	0.0088	0.1091	0.0004	0.0539
3511	352	0.6561	0.0019	0.3367	0.0782	0.0002	0.0401	0.0197	0.0001	0.0101	0.1172	0.0003	0.0601
3512	326	0.5953	0.0018	0.3024	0.0957	0.0003	0.0486	0.0175	0.0001	0.0089	0.1238	0.0004	0.0629
3513	330	0.6884	0.0021	0.3509	0.0826	0.0003	0.0421	0.0164	0.0000	0.0084	0.1340	0.0004	0.0683
3514	315	0.6641	0.0021	0.2996	0.1095	0.0003	0.0494	0.0169	0.0001	0.0076	0.1619	0.0005	0.0730
3515	338	0.6249	0.0018	0.2922	0.0849	0.0003	0.0397	0.0177	0.0001	0.0083	0.1113	0.0003	0.0521
3516	315	0.6600	0.0021	0.3311	0.0923	0.0003	0.0463	0.0183	0.0001	0.0092	0.1331	0.0004	0.0668
3517	329	0.6741	0.0020	0.3027	0.0933	0.0003	0.0419	0.0176	0.0001	0.0079	0.1097	0.0003	0.0493
3518	328	0.7009	0.0021	0.3351	0.0878	0.0003	0.0420	0.0167	0.0001	0.0080	0.1257	0.0004	0.0601
3519	321	0.5694	0.0018	0.2858	0.0933	0.0003	0.0468	0.0135	0.0000	0.0068	0.1201	0.0004	0.0603
3520	314	0.4939	0.0016	0.2347	0.0708	0.0002	0.0336	0.0142	0.0000	0.0067	0.9440	0.0030	0.4486
3521	322	0.6681	0.0021	0.3034	0.0979	0.0003	0.0445	0.0190	0.0001	0.0086	0.1053	0.0003	0.0478
3522	329	0.6757	0.0021	0.3068	0.0743	0.0002	0.0337	0.0186	0.0001	0.0084	0.1286	0.0004	0.0584
3523	320	0.6493	0.0020	0.3367	0.0901	0.0003	0.0467	0.0184	0.0001	0.0095	0.1329	0.0004	0.0689
3524	374	0.6728	0.0018	0.3183	0.0788	0.0002	0.0373	0.1022	0.0003	0.0484	0.0109	0.0000	0.0052
3525	332	0.6624	0.0020	0.3353	0.0771	0.0002	0.0390	0.0180	0.0001	0.0091	0.1261	0.0004	0.0638
3526	348	0.7471	0.0021	0.3705	0.0807	0.0002	0.0400	0.0193	0.0001	0.0096	0.1048	0.0003	0.0520

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	SPLEEN Weight g	SPLEEN %FBW	SPLEEN %Brain	ADRENALS Weight g	ADRENALS %FBW	ADRENALS %Brain	PITUITARY Weight g	PITUITARY %FBW	PITUITARY %Brain	OVARIES Weight g	OVARIES %FBW	OVARIES %Brain
4501	284	0.5061	0.0018	0.2722	0.0841	0.0003	0.0452	0.0085	0.0000	0.0046	0.1073	0.0004	0.0577
4502	314	0.4645	0.0015	0.2474	0.0732	0.0002	0.0390	0.0116	0.0000	0.0062	0.1067	0.0003	0.0568
4503	334	0.6858	0.0021	0.3336	0.0724	0.0002	0.0352	0.0176	0.0001	0.0086	0.1180	0.0004	0.0574
4504	346	0.6071	0.0018	0.2875	0.0870	0.0003	0.0412	0.0177	0.0001	0.0084	0.1396	0.0004	0.0661
4505	334	0.7087	0.0021	0.3483	0.0614	0.0002	0.0302	0.0192	0.0001	0.0094	0.0925	0.0003	0.0455
4506	308	0.7725	0.0025	0.3637	0.0865	0.0003	0.0407	0.0183	0.0001	0.0086	0.1503	0.0005	0.0708
4507	332	0.6816	0.0021	0.3250	0.1024	0.0003	0.0488	0.0158	0.0000	0.0075	0.1104	0.0003	0.0526
4508	294	0.5928	0.0020	0.3069	0.0830	0.0003	0.0430	0.0151	0.0001	0.0078	0.1001	0.0003	0.0518
4509	295	0.5362	0.0018	0.2805	0.0753	0.0003	0.0394	0.0187	0.0001	0.0098	0.1240	0.0004	0.0649
4510	333	0.6272	0.0019	0.3036	0.0630	0.0002	0.0305	0.0172	0.0001	0.0083	0.0984	0.0003	0.0476
4511	311	0.5754	0.0019	0.2886	0.0618	0.0002	0.0310	0.0162	0.0001	0.0081	0.1163	0.0004	0.0583
4512	325	0.7498	0.0023	0.3627	0.1082	0.0003	0.0523	0.0172	0.0001	0.0083	0.1306	0.0004	0.0632
4515	314	0.6463	0.0021	0.3587	0.0734	0.0002	0.0407	0.0126	0.0000	0.0070	0.1091	0.0003	0.0606
4516	276	0.5724	0.0021	0.3134	0.0563	0.0002	0.0308	0.0118	0.0000	0.0065	0.0914	0.0003	0.0500
4517	335	0.5942	0.0018	0.3021	0.0894	0.0003	0.0455	0.0134	0.0000	0.0068	0.1291	0.0004	0.0656
4518	283	0.5585	0.0020	0.2790	0.0636	0.0002	0.0318	0.0127	0.0000	0.0063	0.0987	0.0003	0.0493
4519	308	0.5599	0.0018	0.2709	0.0884	0.0003	0.0428	0.0171	0.0001	0.0083	0.1039	0.0003	0.0503
4520	290	0.5573	0.0019	0.2761	0.0903	0.0003	0.0447	0.0179	0.0001	0.0089	0.1180	0.0004	0.0585
4521	298	0.6049	0.0020	0.2875	0.0930	0.0003	0.0442	0.0159	0.0001	0.0076	0.1206	0.0004	0.0573
4522	284	0.6608	0.0023	0.3239	0.0873	0.0003	0.0428	0.0150	0.0001	0.0074	0.1389	0.0005	0.0681
4523	333	0.6880	0.0021	0.3591	0.0785	0.0002	0.0410	0.0186	0.0001	0.0097	0.1051	0.0003	0.0549
4524	295	0.5975	0.0020	0.2834	0.1030	0.0003	0.0489	0.0168	0.0001	0.0080	0.1147	0.0004	0.0544
4525	262	0.6002	0.0023	0.3190	0.0780	0.0003	0.0415	0.0153	0.0001	0.0081	0.1238	0.0005	0.0658
4526	321	0.6144	0.0019	0.3177	0.0732	0.0002	0.0378	0.0174	0.0001	0.0090	0.1194	0.0004	0.0617

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP I 0 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain
1501	314	0.0695	0.0002	0.0349	0.0765	0.0002	0.0384	0.7996	0.0025	0.4018
1502	345	0.0547	0.0002	0.0268	0.0639	0.0002	0.0313	0.6097	0.0018	0.2989
1503	277	0.0580	0.0002	0.0321	0.0592	0.0002	0.0328	0.6021	0.0022	0.3337
1504	301	0.0558	0.0002	0.0276	0.0579	0.0002	0.0286	0.5902	0.0020	0.2914
1505	285	0.0509	0.0002	0.0233	0.0489	0.0002	0.0224	0.7831	0.0027	0.3592
1506	306	0.0536	0.0002	0.0257	0.0564	0.0002	0.0270	0.5456	0.0018	0.2616
1508	325	0.0475	0.0001	0.0227	0.0508	0.0002	0.0243	0.4011	0.0012	0.1916
1510	315	0.0608	0.0002	0.0289	0.0485	0.0002	0.0230	0.4663	0.0015	0.2214
1511	333	0.0620	0.0002	0.0309	0.0623	0.0002	0.0311	0.4935	0.0015	0.2463
1512	315	0.0441	0.0001	0.0232	0.0395	0.0001	0.0208	0.4483	0.0014	0.2362
1513	341	0.0592	0.0002	0.0314	0.0637	0.0002	0.0338	0.5695	0.0017	0.3019
1516	307	0.0752	0.0002	0.0368	0.0363	0.0001	0.0178	0.9813	0.0032	0.4802
1517	345	0.0651	0.0002	0.0312	0.0531	0.0002	0.0254	0.5342	0.0015	0.2560
1518	333	0.0508	0.0002	0.0273	0.0584	0.0002	0.0314	0.5316	0.0016	0.2859
1519	359	0.0370	0.0001	0.0192	0.0476	0.0001	0.0247	0.5889	0.0016	0.3058
1521	332	0.0570	0.0002	0.0273	0.0532	0.0002	0.0255	0.5198	0.0016	0.2487
1522	325	0.0465	0.0001	0.0234	0.0457	0.0001	0.0230	0.5708	0.0018	0.2877
1523	315	0.0623	0.0002	0.0310	0.0539	0.0002	0.0268	0.5987	0.0019	0.2977
1524	355	0.0532	0.0001	0.0262	0.0544	0.0002	0.0267	0.5657	0.0016	0.2781
1525	351	0.0448	0.0001	0.0222	0.0512	0.0001	0.0254	0.4822	0.0014	0.2392
1526	343	0.0489	0.0001	0.0228	0.0501	0.0001	0.0234	0.7581	0.0022	0.3541

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP II 2000 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain
2501	328	0.0652	0.0002	0.0316	0.0623	0.0002	0.0302	0.5590	0.0017	0.2713
2502	319	0.0452	0.0001	0.0214	0.0564	0.0002	0.0267	0.6098	0.0019	0.2886
2503	282	0.0410	0.0001	0.0211	0.0479	0.0002	0.0246	1.0116	0.0036	0.5205
2504	345	0.0700	0.0002	0.0338	0.0658	0.0002	0.0317	0.7926	0.0023	0.3824
2505	309	0.0592	0.0002	0.0297	0.0308	0.0001	0.0155	0.6206	0.0020	0.3119
2506	323	0.0558	0.0002	0.0286	0.0575	0.0002	0.0295	0.6447	0.0020	0.3308
2507	355	0.0486	0.0001	0.0248	0.0604	0.0002	0.0308	1.0654	0.0030	0.5427
2508	277	0.0471	0.0002	0.0250	0.0438	0.0002	0.0232	0.4885	0.0018	0.2592
2509	327	0.0572	0.0002	0.0276	0.0623	0.0002	0.0301	0.9639	0.0029	0.4655
2510	346	0.0686	0.0002	0.0355	0.0567	0.0002	0.0294	0.9996	0.0029	0.5177
2511	338	0.0548	0.0002	0.0275	0.0473	0.0001	0.0237	0.5184	0.0015	0.2601
2512	299	0.0217	0.0001	0.0111	0.0687	0.0002	0.0352	1.0645	0.0036	0.5456
2515	312	0.0570	0.0002	0.0263	0.0544	0.0002	0.0251	0.6013	0.0019	0.2770
2517	302	0.0440	0.0001	0.0219	0.0420	0.0001	0.0209	0.4967	0.0016	0.2476
2518	335	0.0529	0.0002	0.0253	0.0644	0.0002	0.0308	0.4739	0.0014	0.2268
2519	291	0.0501	0.0002	0.0246	0.0424	0.0001	0.0208	0.4601	0.0016	0.2262
2520	303	0.0615	0.0002	0.0306	0.0726	0.0002	0.0362	0.6350	0.0021	0.3164
2521	314	0.0613	0.0002	0.0295	0.0522	0.0002	0.0251	0.5501	0.0018	0.2644
2522	318	0.0400	0.0001	0.0206	0.0524	0.0002	0.0270	0.4529	0.0014	0.2333
2523	321	0.0519	0.0002	0.0252	0.0481	0.0001	0.0233	0.6298	0.0020	0.3054
2525	324	0.0568	0.0002	0.0284	0.0486	0.0001	0.0243	0.5829	0.0018	0.2912

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP III 10000 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain
3501	304	0.0799	0.0003	0.0363	0.0659	0.0002	0.0300	0.5755	0.0019	0.2617
3503	342	0.0700	0.0002	0.0348	0.0496	0.0001	0.0247	0.4808	0.0014	0.2392
3505	305	0.0576	0.0002	0.0277	0.0568	0.0002	0.0273	0.5407	0.0018	0.2603
3507	297	0.0555	0.0002	0.0251	0.0610	0.0002	0.0276	0.6274	0.0021	0.2837
3508	329	0.0582	0.0002	0.0296	0.0783	0.0002	0.0398	0.9055	0.0028	0.4605
3509	313	0.0671	0.0002	0.0320	0.0586	0.0002	0.0280	1.1141	0.0036	0.5316
3510	293	0.0521	0.0002	0.0258	0.0529	0.0002	0.0262	0.5135	0.0018	0.2539
3511	352	0.0507	0.0001	0.0260	0.0616	0.0002	0.0316	0.5998	0.0017	0.3078
3512	326	0.0634	0.0002	0.0322	0.0599	0.0002	0.0304	0.7665	0.0024	0.3894
3513	330	0.0636	0.0002	0.0324	0.0684	0.0002	0.0349	0.5115	0.0015	0.2607
3514	315	0.0713	0.0002	0.0322	0.0896	0.0003	0.0404	0.7380	0.0023	0.3329
3515	338	0.0535	0.0002	0.0250	0.0556	0.0002	0.0260	0.4895	0.0014	0.2289
3516	315	0.0717	0.0002	0.0360	0.0585	0.0002	0.0293	0.5543	0.0018	0.2780
3517	329	0.0629	0.0002	0.0282	0.0394	0.0001	0.0177	0.4894	0.0015	0.2198
3518	328	0.0558	0.0002	0.0267	0.0654	0.0002	0.0313	0.6655	0.0020	0.3182
3519	321	0.0494	0.0002	0.0248	0.0684	0.0002	0.0343	0.6059	0.0019	0.3041
3520	314	0.0477	0.0002	0.0227	0.0447	0.0001	0.0212	0.5451	0.0017	0.2590
3521	322	0.0511	0.0002	0.0232	0.0404	0.0001	0.0183	1.0241	0.0032	0.4650
3522	329	0.0671	0.0002	0.0305	0.0612	0.0002	0.0278	1.1166	0.0034	0.5070
3523	320	0.0689	0.0002	0.0357	0.0617	0.0002	0.0320	0.4327	0.0014	0.2244
3524	374	0.0387	0.0001	0.0183	0.0469	0.0001	0.0222	0.5234	0.0014	0.2476
3525	332	0.0752	0.0002	0.0381	0.0488	0.0001	0.0247	0.5045	0.0015	0.2554
3526	348	0.0481	0.0001	0.0239	0.0549	0.0002	0.0272	0.4885	0.0014	0.2422

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

APPENDIX Y F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

ORGAN AND FINAL BODY WEIGHTS

FEMALES GROUP IV 20000 MG/M3

Animal Number	FINAL BODY WEIGHT g	OVARY LEFT Weight g	OVARY LEFT %FBW	OVARY LEFT %Brain	OVARY RIGHT Weight g	OVARY RIGHT %FBW	OVARY RIGHT %Brain	UTERUS/OVIDUCTS Weight g	UTERUS/OVIDUCTS %FBW	UTERUS/OVIDUCTS %Brain
4501	284	0.0616	0.0002	0.0331	0.0412	0.0001	0.0222	0.4887	0.0017	0.2629
4502	314	0.0610	0.0002	0.0325	0.0378	0.0001	0.0201	0.5633	0.0018	0.3000
4503	334	0.0567	0.0002	0.0276	0.0586	0.0002	0.0285	0.4504	0.0013	0.2191
4504	346	0.0675	0.0002	0.0320	0.0665	0.0002	0.0315	0.5549	0.0016	0.2628
4505	334	0.0604	0.0002	0.0297	0.0310	0.0001	0.0152	0.4959	0.0015	0.2437
4506	308	0.0637	0.0002	0.0300	0.0665	0.0002	0.0313	0.5708	0.0019	0.2688
4507	332	0.0528	0.0002	0.0252	0.0550	0.0002	0.0262	0.7592	0.0023	0.3620
4508	294	0.0456	0.0002	0.0236	0.0509	0.0002	0.0264	0.5433	0.0018	0.2813
4509	295	0.0576	0.0002	0.0301	0.0653	0.0002	0.0342	0.5556	0.0019	0.2906
4510	333	0.0448	0.0001	0.0217	0.0490	0.0001	0.0237	0.3795	0.0011	0.1837
4511	311	0.0634	0.0002	0.0318	0.0514	0.0002	0.0258	0.5513	0.0018	0.2765
4512	325	0.0617	0.0002	0.0298	0.0661	0.0002	0.0320	0.5537	0.0017	0.2679
4515	314	0.0507	0.0002	0.0281	0.0555	0.0002	0.0308	0.6541	0.0021	0.3630
4516	276	0.0526	0.0002	0.0288	0.0369	0.0001	0.0202	0.5532	0.0020	0.3029
4517	335	0.0543	0.0002	0.0276	0.0733	0.0002	0.0373	0.4662	0.0014	0.2370
4518	283	0.0476	0.0002	0.0238	0.0493	0.0002	0.0246	0.5082	0.0018	0.2538
4519	308	0.0412	0.0001	0.0199	0.0601	0.0002	0.0291	0.7526	0.0024	0.3641
4520	290	0.0581	0.0002	0.0288	0.0589	0.0002	0.0292	0.4490	0.0015	0.2224
4521	298	0.0419	0.0001	0.0199	0.0720	0.0002	0.0342	0.9645	0.0032	0.4585
4522	284	0.0634	0.0002	0.0311	0.0715	0.0003	0.0350	0.4894	0.0017	0.2399
4523	333	0.0523	0.0002	0.0273	0.0492	0.0001	0.0257	0.4671	0.0014	0.2438
4524	295	0.0639	0.0002	0.0303	0.0484	0.0002	0.0230	0.6805	0.0023	0.3228
4525	262	0.0604	0.0002	0.0321	0.0638	0.0002	0.0339	0.9969	0.0038	0.5299
4526	321	0.0630	0.0002	0.0326	0.0520	0.0002	0.0269	0.6327	0.0020	0.3271

%FBW = ORGAN WEIGHT/BODY WEIGHT %Brain = ORGAN WEIGHT/BRAIN WEIGHT

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Key to Abbreviations:

g = Grams

Corresponding exposure levels for each group were as follows:

Group I - 0 mg/m^3
Group II - 2,000 mg/m^3
Group III - 10,000 mg/m^3
Group IV - 20,000 mg/m^3

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1551	10	M	36.3	1.4724	4.0562	0.2378	0.6551	0.2505	0.6901
	16	F	37.0	1.5116	4.0854	0.2452	0.6627	0.3413	0.9224
1552	2	M	34.3	1.4880	4.3382	0.3120	0.9096	0.2225	0.6487
	11	F	37.3	1.5871	4.2550	0.3063	0.8212	0.3049	0.8174
1553	6	M	37.7	1.5472	4.1040	0.2920	0.7745	0.3005	0.7971
	13	F	42.7	1.5938	3.7326	0.2885	0.6756	0.4547	1.0649
1554	7	M	36.4	1.5820	4.3462	0.2670	0.7335	0.2375	0.6525
	11	F	37.8	1.4786	3.9116	0.2269	0.6003	0.3196	0.8455
1555	6	M	42.0	1.6173	3.8507	0.2810	0.6690	0.2344	0.5581
	10	F	43.5	1.5853	3.6444	0.2355	0.5414	0.2958	0.6800
1556	4	M	34.1	1.4825	4.3475	0.3069	0.9000	0.2951	0.8654
	12	F	37.3	1.5194	4.0735	0.3058	0.8198	0.2439	0.6539
1557	8	M	33.2	1.5253	4.5943	0.3752	1.1301	0.3176	0.9566
	12	F	38.5	1.5948	4.1423	0.4047	1.0512	0.4118	1.0696
1558	3	M	45.8	1.5078	3.2921	0.3687	0.8050	0.3462	0.7559
	9	F	37.7	1.3721	3.6395	0.2739	0.7265	0.3416	0.9061
1560	9	M	43.7	1.6812	3.8471	0.2928	0.6700	0.3232	0.7396
	15	F	45.7	1.6127	3.5289	0.3288	0.7195	0.3716	0.8131
1561	1	M	41.5	1.6670	4.0169	0.3314	0.7986	0.3302	0.7957
	8	F	32.8	1.5426	4.7030	0.2852	0.8695	0.2760	0.8415
1563	5	M	39.7	1.5495	3.9030	0.3845	0.9685	0.4351	1.0960
	6	F	35.8	1.6208	4.5274	0.2845	0.7947	0.4291	1.1986
1564	2	M	38.3	1.5665	4.0901	0.3020	0.7885	0.3316	0.8658

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1564	(continued)								
	12	F	32.0	1.4128	4.4150	0.2292	0.7163	0.2066	0.6456
1566	3	M	42.0	1.6000	3.8095	0.3147	0.7493	0.3333	0.7936
	13	F	41.8	1.5487	3.7050	0.2567	0.6141	0.2976	0.7120
1567	2	M	35.5	1.5105	4.2549	0.2748	0.7741	0.3193	0.8994
	13	F	40.1	1.4973	3.7339	0.2832	0.7062	0.3659	0.9125
1568	8	M	45.4	1.5464	3.4062	0.3650	0.8040	0.3464	0.7630
	14	F	47.7	1.4758	3.0939	0.3132	0.6566	0.3988	0.8361
1569	3	M	45.5	1.6034	3.5240	0.3226	0.7090	0.4240	0.9319
	9	F	36.2	1.4648	4.0464	0.2923	0.8075	0.3398	0.9387
1570	5	M	40.8	1.6317	3.9993	0.4024	0.9863	0.4213	1.0326
	9	F	35.5	1.5306	4.3115	0.2892	0.8146	0.4209	1.1856
1571	12	M	37.5	1.5418	4.1115	0.3559	0.9491	0.3763	1.0035
1572	1	M	38.5	1.5726	4.0847	0.3831	0.9951	0.3957	1.0278
	8	F	34.3	1.6302	4.7528	0.2806	0.8181	0.3820	1.1137
1573	3	M	37.1	1.6175	4.3598	0.3769	1.0159	0.3762	1.0140
	11	F	36.8	1.5856	4.3087	0.3215	0.8736	0.3224	0.8761
1574	9	M	39.7	1.4926	3.7597	0.2430	0.6121	0.3440	0.8665
	14	F	38.1	1.4730	3.8661	0.2376	0.6236	0.3215	0.8438
1575	1	F	40.4	1.5067	3.7295	0.3193	0.7903	0.3547	0.8780
1576	6	M	45.2	1.5921	3.5223	0.2888	0.6389	0.3468	0.7673
	10	F	43.2	1.4807	3.4275	0.2196	0.5083	0.3224	0.7463

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2551	2	M	40.6	1.6984	4.1833	0.2804	0.6906	0.3542	0.8724
	8	F	42.1	1.5626	3.7116	0.2405	0.5713	0.3373	0.8012
2552	2	M	39.4	1.5980	4.0558	0.3350	0.8503	0.3404	0.8640
	12	F	43.8	1.6371	3.7377	0.4059	0.9267	0.4717	1.0769
2553	5	M	28.3	1.5018	5.3067	0.2519	0.8901	0.2479	0.8760
	13	F	32.4	1.5470	4.7747	0.2457	0.7583	0.2724	0.8407
2554	6	M	29.3	1.6090	5.4915	0.3384	1.1549	0.2348	0.8014
	12	F	26.0	1.4358	5.5223	0.2697	1.0373	0.2560	0.9846
2555	3	M	32.1	1.5291	4.7636	0.2567	0.7997	0.2586	0.8056
	7	F	33.7	1.5439	4.5813	0.2944	0.8736	0.3669	1.0887
2556	7	M	45.4	1.6391	3.6104	0.3322	0.7317	0.3738	0.8233
	12	F	41.3	1.5138	3.6654	0.2652	0.6421	0.3522	0.8528
2557	7	M	38.0	1.5268	4.0179	0.3177	0.8361	0.3290	0.8658
	12	F	38.3	1.3851	3.6164	0.2705	0.7063	0.3516	0.9180
2558	4	M	46.5	1.5801	3.3981	0.3434	0.7385	0.3730	0.8022
	12	F	40.6	1.5026	3.7010	0.2859	0.7042	0.2941	0.7244
2560	1	M	44.0	1.5608	3.5473	0.4055	0.9216	0.2959	0.6725
	5	F	43.0	1.4660	3.4093	0.2976	0.6921	0.2859	0.6649
2561	4	M	36.4	1.5947	4.3810	0.4543	1.2481	0.3422	0.9401
	10	F	36.5	1.4493	3.9707	0.3963	1.0858	0.3220	0.8822
2562	6	M	39.3	1.5156	3.8565	0.2691	0.6847	0.3194	0.8127
	13	F	39.5	1.5063	3.8134	0.2995	0.7582	0.3879	0.9820
2563	7	M	33.0	1.6504	5.0012	0.2809	0.8512	0.3271	0.9912

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2563	(continued)								
	13	F	31.5	1.5247	4.8403	0.3330	1.0571	0.3125	0.9921
2564	3	M	40.0	1.4133	3.5333	0.3372	0.8430	0.2643	0.6607
	13	F	41.1	1.4170	3.4477	0.3011	0.7326	0.2936	0.7144
2565	3	M	42.3	1.5148	3.5811	0.3561	0.8418	0.3430	0.8109
	12	F	44.2	1.4954	3.3833	0.3073	0.6952	0.3751	0.8486
2566	8	M	41.2	1.5428	3.7447	0.3662	0.8888	0.3284	0.7971
	14	F	41.6	1.5084	3.6260	0.3166	0.7611	0.3849	0.9252
2567	5	M	44.8	1.6190	3.6138	0.3019	0.6739	0.3612	0.8062
	10	F	45.7	1.5232	3.3330	0.2622	0.5737	0.3924	0.8586
2569	5	M	36.6	1.5135	4.1352	0.2684	0.7333	0.2866	0.7831
	13	F	32.4	1.4683	4.5318	0.2508	0.7741	0.3280	1.0123
2570	9	M	34.6	1.4612	4.2231	0.3174	0.9173	0.2997	0.8662
	12	F	36.9	1.4663	3.9737	0.2853	0.7732	0.3332	0.9030
2571	4	M	46.6	1.5955	3.4238	0.3787	0.8127	0.4279	0.9182
	11	F	39.4	1.5760	4.0000	0.3300	0.8376	0.3768	0.9563
2572	6	M	48.0	1.6554	3.4488	0.3433	0.7152	0.4141	0.8627
	8	F	44.5	1.5454	3.4728	0.3136	0.7047	0.3899	0.8762
2573	6	M	31.1	1.5744	5.0624	0.2977	0.9572	0.3051	0.9810
	13	F	29.4	1.4809	5.0371	0.2340	0.7959	0.2758	0.9381
2574	4	M	32.9	1.5589	4.7383	0.2603	0.7912	0.2829	0.8599
	17	F	32.4	1.5570	4.8056	0.2711	0.8367	0.3259	1.0059
2575	2	M	39.6	1.6113	4.0689	0.2713	0.6851	0.3676	0.9283
	3	F	37.8	1.5037	3.9780	0.2383	0.6304	0.2899	0.7669
2576	5	M	41.2	1.5655	3.7998	0.3068	0.7447	0.3165	0.7682
	16	F	40.2	1.4535	3.6157	0.3462	0.8612	0.3051	0.7590

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3551	1	M	40.7	1.5796	3.8811	0.3270	0.8034	0.3428	0.8423
	11	F	37.9	1.5583	4.1116	0.3301	0.8710	0.4632	1.2222
3552	2	M	43.0	1.4958	3.4786	0.3001	0.6979	0.2552	0.5935
	13	F	39.7	1.4558	3.6670	0.2768	0.6972	0.3071	0.7736
3553	6	M	39.6	1.6542	4.1773	0.3140	0.7929	0.3643	0.9199
	7	F	41.4	1.6155	3.9022	0.2959	0.7147	0.3886	0.9386
3554	3	M	46.1	1.4615	3.1703	0.2897	0.6284	0.3771	0.8180
	16	F	43.9	1.5261	3.4763	0.4151	0.9456	0.4178	0.9517
3555	3	M	42.2	1.6083	3.8111	0.3209	0.7604	0.3934	0.9322
	12	F	33.6	1.3746	4.0911	0.2928	0.8714	0.2818	0.8387
3556	9	M	42.3	1.5431	3.6480	0.2892	0.6837	0.3115	0.7364
	10	F	42.4	1.5368	3.6245	0.2635	0.6215	0.3325	0.7842
3558	2	M	45.7	1.6821	3.6807	0.2986	0.6534	0.3777	0.8265
	13	F	40.7	1.6652	4.0914	0.2542	0.6246	0.3526	0.8663
3559	3	M	48.7	1.6036	3.2928	0.3981	0.8175	0.3990	0.8193
	5	F	46.1	1.5931	3.4557	0.2912	0.6317	0.3308	0.7176
3560	2	M	48.3	1.6317	3.3783	0.3966	0.8211	0.3613	0.7480
	8	F	47.1	1.5296	3.2476	0.3771	0.8006	0.3998	0.8488
3561	1	M	38.4	1.5552	4.0500	0.3787	0.9862	0.2976	0.7750
	13	F	37.2	1.5708	4.2226	0.3446	0.9263	0.2966	0.7973
3562	6	M	39.3	1.4777	3.7601	0.3586	0.9125	0.2927	0.7448
	17	F	44.7	1.5794	3.5333	0.3652	0.8170	0.3641	0.8145
3563	1	M	38.3	1.4825	3.8708	0.2202	0.5749	0.2670	0.6971

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3563	(continued)								
	9	F	35.3	1.4990	4.2465	0.2745	0.7776	0.2849	0.8071
3564	8	M	37.7	1.5251	4.0454	0.2747	0.7286	0.2920	0.7745
	13	F	36.4	1.3998	3.8456	0.2432	0.6681	0.2584	0.7099
3565	3	M	43.7	1.5215	3.4817	0.3347	0.7659	0.2989	0.6840
	10	F	41.4	1.5334	3.7039	0.3177	0.7674	0.3204	0.7739
3566	8	M	34.0	1.5406	4.5312	0.2505	0.7368	0.2819	0.8291
	14	F	37.4	1.4866	3.9749	0.2248	0.6011	0.3520	0.9412
3567	1	M	48.8	1.5560	3.1885	0.3247	0.6654	0.3133	0.6420
	16	F	44.1	1.5668	3.5528	0.2859	0.6483	0.3524	0.7991
3568	2	M	38.4	1.7015	4.4310	0.3974	1.0349	0.3951	1.0289
	17	F	36.1	1.5912	4.4078	0.3179	0.8806	0.3995	1.1066
3569	1	M	34.3	1.5252	4.4466	0.2921	0.8516	0.3409	0.9939
	10	F	35.8	1.4313	3.9980	0.2728	0.7620	0.3413	0.9534
3570	5	M	43.4	1.6864	3.8857	0.2992	0.6894	0.3915	0.9021
	8	F	41.3	1.5164	3.6717	0.2699	0.6535	0.3607	0.8734
3571	4	M	47.4	1.6816	3.5477	0.3860	0.8143	0.4872	1.0278
	8	F	42.5	1.6411	3.8614	0.2984	0.7021	0.4053	0.9536
3572	5	M	43.0	1.5653	3.6402	0.2975	0.6919	0.3404	0.7916
	7	F	44.1	1.5475	3.5091	0.3989	0.9045	0.4046	0.9175
3573	1	M	44.3	1.5150	3.4199	0.2861	0.6458	0.3057	0.6901
	13	F	40.6	1.5633	3.8505	0.3839	0.9456	0.3645	0.8978
3574	9	M	51.1	1.5720	3.0763	0.3742	0.7323	0.3707	0.7254
	13	F	45.9	1.5870	3.4575	0.2842	0.6192	0.3255	0.7092

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3575	7	M	36.6	1.5066	4.1164	0.3511	0.9593	0.2819	0.7702
	8	F	39.4	1.4705	3.7322	0.3227	0.8190	0.3626	0.9203
3576	4	M	37.1	1.5631	4.2132	0.4345	1.1712	0.3371	0.9086
	15	F	35.1	1.5299	4.3587	0.2661	0.7581	0.3270	0.9316

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4551	2	M	38.2	1.6069	4.2065	0.3304	0.8649	0.3533	0.9249
	9	F	41.7	1.6209	3.8871	0.3172	0.7607	0.3671	0.8803
4552	6	M	42.9	1.4951	3.4851	0.4145	0.9662	0.3465	0.8077
	9	F	42.6	1.5329	3.5984	0.3489	0.8190	0.3488	0.8188
4553	5	M	51.4	1.6719	3.2527	0.3828	0.7447	0.6144	1.1953
	12	F	49.3	1.6074	3.2604	0.3430	0.6957	0.4241	0.8602
4554	3	M	46.7	1.5615	3.3437	0.3416	0.7315	0.3626	0.7764
	10	F	39.4	1.5148	3.8447	0.2786	0.7071	0.2650	0.6726
4555	5	M	43.9	1.5478	3.5257	0.4585	1.0444	0.3935	0.8964
	11	F	44.2	1.5292	3.4597	0.3447	0.7799	0.3761	0.8509
4556	4	M	29.6	1.5216	5.1405	0.2439	0.8240	0.2631	0.8889
	17	F	28.1	1.5137	5.3868	0.2321	0.8260	0.2462	0.8762
4557	8	M	41.2	1.5910	3.8617	0.3571	0.8667	0.3561	0.8643
	10	F	38.7	1.5227	3.9346	0.2854	0.7375	0.3204	0.8279
4558	2	M	34.7	1.4152	4.0784	0.3347	0.9646	0.3200	0.9222
	12	F	40.7	1.4386	3.5346	0.3271	0.8037	0.4132	1.0152
4559	3	M	49.9	1.6277	3.2619	0.2961	0.5934	0.3835	0.7685
	14	F	43.6	1.5622	3.5830	0.3282	0.7528	0.4182	0.9592
4560	3	M	45.7	1.6030	3.5077	0.3470	0.7593	0.3356	0.7344
	14	F	42.3	1.5823	3.7407	0.3149	0.7444	0.3357	0.7936
4561	3	M	39.2	1.5533	3.9625	0.2313	0.5901	0.3722	0.9495
	8	F	39.2	1.4516	3.7031	0.2396	0.6112	0.4242	1.0821
4562	1	M	40.4	1.5854	3.9243	0.4008	0.9921	0.2953	0.7309

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4562	(continued)								
	16	F	37.1	1.5024	4.0496	0.2980	0.8032	0.3245	0.8747
4563	1	M	40.6	1.6709	4.1155	0.2978	0.7335	0.4451	1.0963
	11	F	40.6	1.6279	4.0096	0.2325	0.5727	0.4346	1.0704
4564	5	M	43.3	1.5371	3.5499	0.3659	0.8450	0.3134	0.7238
	6	F	43.1	1.4650	3.3991	0.2477	0.5747	0.2746	0.6371
4565	3	M	44.8	1.5152	3.3821	0.3819	0.8525	0.3945	0.8806
	12	F	45.2	1.4385	3.1825	0.3254	0.7199	0.3891	0.8608
4566	1	M	29.2	1.4553	4.9839	0.2500	0.8562	0.2590	0.8870
	11	F	31.1	1.4680	4.7203	0.2022	0.6502	0.2925	0.9405
4567	5	M	45.7	1.6064	3.5151	0.3564	0.7799	0.3926	0.8591
	8	F	43.7	1.5568	3.5625	0.2720	0.6224	0.3306	0.7565
4568	4	M	41.7	1.5540	3.7266	0.3826	0.9175	0.3812	0.9141
	13	F	43.5	1.4808	3.4041	0.3035	0.6977	0.3715	0.8540
4569	4	M	44.8	1.6623	3.7105	0.3710	0.8281	0.3759	0.8391
	8	F	39.7	1.6128	4.0625	0.2277	0.5736	0.4132	1.0408
4570	1	M	37.0	1.5006	4.0557	0.2580	0.6973	0.2368	0.6400
4571	4	M	45.6	1.5066	3.3039	0.3245	0.7116	0.3605	0.7906
	18	F	43.4	1.6110	3.7120	0.2952	0.6802	0.3901	0.8988
4572	2	M	36.3	1.5792	4.3504	0.2576	0.7096	0.2982	0.8215
	9	F	40.3	1.5386	3.8179	0.2902	0.7201	0.3493	0.8667
4573	6	M	40.4	1.5967	3.9522	0.4131	1.0225	0.3981	0.9854
	11	F	32.4	1.5514	4.7883	0.2932	0.9049	0.2896	0.8938
4574	2	M	41.3	1.6121	3.9034	0.2830	0.6852	0.4090	0.9903

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4574	(continued)								
	11	F	36.1	1.5581	4.3161	0.2284	0.6327	0.3980	1.1025
4575	7	M	43.9	1.4987	3.4139	0.3688	0.8401	0.3999	0.9109
	16	F	43.4	1.4631	3.3712	0.3007	0.6929	0.3821	0.8804
4576	2	M	46.1	1.5839	3.4358	0.3606	0.7822	0.3160	0.6855
	11	F	44.9	1.5300	3.4076	0.2945	0.6559	0.2660	0.5924

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1551	10	M	1.4724	0.2378	16.151	0.2505	17.013
	16	F	1.5116	0.2452	16.221	0.3413	22.579
1552	2	M	1.4880	0.3120	20.968	0.2225	14.953
	11	F	1.5871	0.3063	19.299	0.3049	19.211
1553	6	M	1.5472	0.2920	18.873	0.3005	19.422
	13	F	1.5938	0.2885	18.101	0.4547	28.529
1554	7	M	1.5820	0.2670	16.877	0.2375	15.013
	11	F	1.4786	0.2269	15.346	0.3196	21.615
1555	6	M	1.6173	0.2810	17.375	0.2344	14.493
	10	F	1.5853	0.2355	14.855	0.2958	18.659
1556	4	M	1.4825	0.3069	20.702	0.2951	19.906
	12	F	1.5194	0.3058	20.126	0.2439	16.052
1557	8	M	1.5253	0.3752	24.598	0.3176	20.822
	12	F	1.5948	0.4047	25.376	0.4118	25.821
1558	3	M	1.5078	0.3687	24.453	0.3462	22.961
	9	F	1.3721	0.2739	19.962	0.3416	24.896
1560	9	M	1.6812	0.2928	17.416	0.3232	19.224
	15	F	1.6127	0.3288	20.388	0.3716	23.042
1561	1	M	1.6670	0.3314	19.880	0.3302	19.808
	8	F	1.5426	0.2852	18.488	0.2760	17.892
1563	5	M	1.5495	0.3845	24.814	0.4351	28.080
	6	F	1.6208	0.2845	17.553	0.4291	26.475
1564	2	M	1.5665	0.3020	19.279	0.3316	21.168

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1564	(continued)						
	12	F	1.4128	0.2292	16.223	0.2066	14.623
1566	3	M	1.6000	0.3147	19.669	0.3333	20.831
	13	F	1.5487	0.2567	16.575	0.2976	19.216
1567	2	M	1.5105	0.2748	18.193	0.3193	21.139
	13	F	1.4973	0.2832	18.914	0.3659	24.437
1568	8	M	1.5464	0.3650	23.603	0.3464	22.400
	14	F	1.4758	0.3132	21.222	0.3988	27.023
1569	3	M	1.6034	0.3226	20.120	0.4240	26.444
	9	F	1.4648	0.2923	19.955	0.3398	23.198
1570	5	M	1.6317	0.4024	24.661	0.4213	25.820
	9	F	1.5306	0.2892	18.895	0.4209	27.499
1571	12	M	1.5418	0.3559	23.083	0.3763	24.407
1572	1	M	1.5726	0.3831	24.361	0.3957	25.162
	8	F	1.6302	0.2806	17.213	0.3820	23.433
1573	3	M	1.6175	0.3769	23.301	0.3762	23.258
	11	F	1.5856	0.3215	20.276	0.3224	20.333
1574	9	M	1.4926	0.2430	16.280	0.3440	23.047
	14	F	1.4730	0.2376	16.130	0.3215	21.826
1575	1	F	1.5067	0.3193	21.192	0.3547	23.542
1576	6	M	1.5921	0.2888	18.140	0.3468	21.783
	10	F	1.4807	0.2196	14.831	0.3224	21.773

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2551	2	M	1.6984	0.2804	16.510	0.3542	20.855
	8	F	1.5626	0.2405	15.391	0.3373	21.586
2552	2	M	1.5980	0.3350	20.964	0.3404	21.302
	12	F	1.6371	0.4059	24.794	0.4717	28.813
2553	5	M	1.5018	0.2519	16.773	0.2479	16.507
	13	F	1.5470	0.2457	15.882	0.2724	17.608
2554	6	M	1.6090	0.3384	21.032	0.2348	14.593
	12	F	1.4358	0.2697	18.784	0.2560	17.830
2555	3	M	1.5291	0.2567	16.788	0.2586	16.912
	7	F	1.5439	0.2944	19.069	0.3669	23.764
2556	7	M	1.6391	0.3322	20.267	0.3738	22.805
	12	F	1.5138	0.2652	17.519	0.3522	23.266
2557	7	M	1.5268	0.3177	20.808	0.3290	21.548
	12	F	1.3851	0.2705	19.529	0.3516	25.384
2558	4	M	1.5801	0.3434	21.733	0.3730	23.606
	12	F	1.5026	0.2859	19.027	0.2941	19.573
2560	1	M	1.5608	0.4055	25.980	0.2959	18.958
	5	F	1.4660	0.2976	20.300	0.2859	19.502
2561	4	M	1.5947	0.4543	28.488	0.3422	21.459
	10	F	1.4493	0.3963	27.344	0.3220	22.218
2562	6	M	1.5156	0.2691	17.755	0.3194	21.074
	13	F	1.5063	0.2995	19.883	0.3879	25.752
2563	7	M	1.6504	0.2809	17.020	0.3271	19.819

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2563	(continued)						
	13	F	1.5247	0.3330	21.840	0.3125	20.496
2564	3	M	1.4133	0.3372	23.859	0.2643	18.701
	13	F	1.4170	0.3011	21.249	0.2936	20.720
2565	3	M	1.5148	0.3561	23.508	0.3430	22.643
	12	F	1.4954	0.3073	20.550	0.3751	25.084
2566	8	M	1.5428	0.3662	23.736	0.3284	21.286
	14	F	1.5084	0.3166	20.989	0.3849	25.517
2567	5	M	1.6190	0.3019	18.647	0.3612	22.310
	10	F	1.5232	0.2622	17.214	0.3924	25.762
2569	5	M	1.5135	0.2684	17.734	0.2866	18.936
	13	F	1.4683	0.2508	17.081	0.3280	22.339
2570	9	M	1.4612	0.3174	21.722	0.2997	20.511
	12	F	1.4663	0.2853	19.457	0.3332	22.724
2571	4	M	1.5955	0.3787	23.736	0.4279	26.819
	11	F	1.5760	0.3300	20.939	0.3768	23.909
2572	6	M	1.6554	0.3433	20.738	0.4141	25.015
	8	F	1.5454	0.3136	20.292	0.3899	25.230
2573	6	M	1.5744	0.2977	18.909	0.3051	19.379
	13	F	1.4809	0.2340	15.801	0.2758	18.624
2574	4	M	1.5589	0.2603	16.698	0.2829	18.147
	17	F	1.5570	0.2711	17.412	0.3259	20.931
2575	2	M	1.6113	0.2713	16.837	0.3676	22.814
	3	F	1.5037	0.2383	15.848	0.2899	19.279

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2576	5	M	1.5655	0.3068	19.598	0.3165	20.217
	16	F	1.4535	0.3462	23.818	0.3051	20.991

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3551	1	M	1.5796	0.3270	20.701	0.3428	21.702
	11	F	1.5583	0.3301	21.183	0.4632	29.725
3552	2	M	1.4958	0.3001	20.063	0.2552	17.061
	13	F	1.4558	0.2768	19.014	0.3071	21.095
3553	6	M	1.6542	0.3140	18.982	0.3643	22.023
	7	F	1.6155	0.2959	18.316	0.3886	24.054
3554	3	M	1.4615	0.2897	19.822	0.3771	25.802
	16	F	1.5261	0.4151	27.200	0.4178	27.377
3555	3	M	1.6083	0.3209	19.953	0.3934	24.461
	12	F	1.3746	0.2928	21.301	0.2818	20.501
3556	9	M	1.5431	0.2892	18.741	0.3115	20.187
	10	F	1.5368	0.2635	17.146	0.3325	21.636
3558	2	M	1.6821	0.2986	17.752	0.3777	22.454
	13	F	1.6652	0.2542	15.265	0.3526	21.175
3559	3	M	1.6036	0.3981	24.825	0.3990	24.882
	5	F	1.5931	0.2912	18.279	0.3308	20.765
3560	2	M	1.6317	0.3966	24.306	0.3613	22.143
	8	F	1.5296	0.3771	24.654	0.3998	26.138
3561	1	M	1.5552	0.3787	24.351	0.2976	19.136
	13	F	1.5708	0.3446	21.938	0.2966	18.882
3562	6	M	1.4777	0.3586	24.267	0.2927	19.808
	17	F	1.5794	0.3652	23.123	0.3641	23.053
3563	1	M	1.4825	0.2202	14.853	0.2670	18.010

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3563	(continued)						
	9	F	1.4990	0.2745	18.312	0.2849	19.006
3564	8	M	1.5251	0.2747	18.012	0.2920	19.146
	13	F	1.3998	0.2432	17.374	0.2584	18.460
3565	3	M	1.5215	0.3347	21.998	0.2989	19.645
	10	F	1.5334	0.3177	20.719	0.3204	20.895
3566	8	M	1.5406	0.2505	16.260	0.2819	18.298
	14	F	1.4866	0.2248	15.122	0.3520	23.678
3567	1	M	1.5560	0.3247	20.868	0.3133	20.135
	16	F	1.5668	0.2859	18.247	0.3524	22.492
3568	2	M	1.7015	0.3974	23.356	0.3951	23.221
	17	F	1.5912	0.3179	19.979	0.3995	25.107
3569	1	M	1.5252	0.2921	19.152	0.3409	22.351
	10	F	1.4313	0.2728	19.060	0.3413	23.845
3570	5	M	1.6864	0.2992	17.742	0.3915	23.215
	8	F	1.5164	0.2699	17.799	0.3607	23.787
3571	4	M	1.6816	0.3860	22.954	0.4872	28.972
	8	F	1.6411	0.2984	18.183	0.4053	24.697
3572	5	M	1.5653	0.2975	19.006	0.3404	21.747
	7	F	1.5475	0.3989	25.777	0.4046	26.145
3573	1	M	1.5150	0.2861	18.884	0.3057	20.178
	13	F	1.5633	0.3839	24.557	0.3645	23.316
3574	9	M	1.5720	0.3742	23.804	0.3707	23.581
	13	F	1.5870	0.2842	17.908	0.3255	20.510

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3575	7	M	1.5066	0.3511	23.304	0.2819	18.711
	8	F	1.4705	0.3227	21.945	0.3626	24.658
3576	4	M	1.5631	0.4345	27.797	0.3371	21.566
	15	F	1.5299	0.2661	17.393	0.3270	21.374

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4551	2	M	1.6069	0.3304	20.561	0.3533	21.986
	9	F	1.6209	0.3172	19.569	0.3671	22.648
4552	6	M	1.4951	0.4145	27.724	0.3465	23.176
	9	F	1.5329	0.3489	22.761	0.3488	22.754
4553	5	M	1.6719	0.3828	22.896	0.6144	36.749
	12	F	1.6074	0.3430	21.339	0.4241	26.384
4554	3	M	1.5615	0.3416	21.876	0.3626	23.221
	10	F	1.5148	0.2786	18.392	0.2650	17.494
4555	5	M	1.5478	0.4585	29.623	0.3935	25.423
	11	F	1.5292	0.3447	22.541	0.3761	24.595
4556	4	M	1.5216	0.2439	16.029	0.2631	17.291
	17	F	1.5137	0.2321	15.333	0.2462	16.265
4557	8	M	1.5910	0.3571	22.445	0.3561	22.382
	10	F	1.5227	0.2854	18.743	0.3204	21.042
4558	2	M	1.4152	0.3347	23.650	0.3200	22.612
	12	F	1.4386	0.3271	22.737	0.4132	28.722
4559	3	M	1.6277	0.2961	18.191	0.3835	23.561
	14	F	1.5622	0.3282	21.009	0.4182	26.770
4560	3	M	1.6030	0.3470	21.647	0.3356	20.936
	14	F	1.5823	0.3149	19.901	0.3357	21.216
4561	3	M	1.5533	0.2313	14.891	0.3722	23.962
	8	F	1.4516	0.2396	16.506	0.4242	29.223
4562	1	M	1.5854	0.4008	25.281	0.2953	18.626

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4562	(continued)						
	16	F	1.5024	0.2980	19.835	0.3245	21.599
4563	1	M	1.6709	0.2978	17.823	0.4451	26.638
	11	F	1.6279	0.2325	14.282	0.4346	26.697
4564	5	M	1.5371	0.3659	23.805	0.3134	20.389
	6	F	1.4650	0.2477	16.908	0.2746	18.744
4565	3	M	1.5152	0.3819	25.205	0.3945	26.036
	12	F	1.4385	0.3254	22.621	0.3891	27.049
4566	1	M	1.4553	0.2500	17.179	0.2590	17.797
	11	F	1.4680	0.2022	13.774	0.2925	19.925
4567	5	M	1.6064	0.3564	22.186	0.3926	24.440
	8	F	1.5568	0.2720	17.472	0.3306	21.236
4568	4	M	1.5540	0.3826	24.620	0.3812	24.530
	13	F	1.4808	0.3035	20.496	0.3715	25.088
4569	4	M	1.6623	0.3710	22.318	0.3759	22.613
	8	F	1.6128	0.2277	14.118	0.4132	25.620
4570	1	M	1.5006	0.2580	17.193	0.2368	15.780
4571	4	M	1.5066	0.3245	21.539	0.3605	23.928
	18	F	1.6110	0.2952	18.324	0.3901	24.215
4572	2	M	1.5792	0.2576	16.312	0.2982	18.883
	9	F	1.5386	0.2902	18.861	0.3493	22.702
4573	6	M	1.5967	0.4131	25.872	0.3981	24.933
	11	F	1.5514	0.2932	18.899	0.2896	18.667
4574	2	M	1.6121	0.2830	17.555	0.4090	25.371

APPENDIX Z F1 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4574	(continued)						
	11	F	1.5581	0.2284	14.659	0.3980	25.544
4575	7	M	1.4987	0.3688	24.608	0.3999	26.683
	16	F	1.4631	0.3007	20.552	0.3821	26.116
4576	2	M	1.5839	0.3606	22.767	0.3160	19.951
	11	F	1.5300	0.2945	19.248	0.2660	17.386

Animal No/sex	Group/ Subgroup	Terminal Brain	Brain length	Brain width
			Male	Animals
1561-4/M	1/1	1.4230	1.8	1.4
1571-1/M	1/1	1.4963	1.8	1.4
1574-4/M	1/1	1.3006	1.8	1.5
1551-8/M	1/1	1.4422	1.9	1.5
1576-8/M	1/1	1.4179	1.9	1.5
Mean:		1.4160	1.8	1.5
Standard deviation:		0.0716	0.1	0.0
Number of observ. :		(5)	(5)	(5)
2563-6/M	2/1	1.5240	1.9	1.5
2551-1/M	2/1	1.3887	1.8	1.5
2567-9/M	2/1	1.5023	1.9	1.5
2569-7/M	2/1	1.4163	1.8	1.3
2555-2/M	2/1	1.4410	1.8	1.4
Mean:		1.4545	1.8	1.4
Standard deviation:		0.0572	0.1	0.1
Number of observ. :		(5)	(5)	(5)
3553-3/M	3/1	1.3810	1.8	1.5
3555-2/M	3/1	1.4858	1.8	1.5
3564-6/M	3/1	1.4117	1.8	1.5
3571-2/M	3/1	1.5084	1.9	1.4
3575-5/M	3/1	1.4501	1.9	1.5
Mean:		1.4474	1.8	1.5
Standard deviation:		0.0522	0.1	0.0
Number of observ. :		(5)	(5)	(5)
4558-3/M	4/1	1.3659	1.8	1.5
4561-5/M	4/1	1.3316	1.7	1.4
4575-6/M	4/1	1.2739	1.8	1.5
4576-6/M	4/1	1.2498	1.8	1.4
4556-9/M	4/1	1.5389	1.8	1.4
Mean:		1.3520	1.8	1.4
Standard deviation:		0.1141	0.0	0.1
Number of observ. :		(5)	(5)	(5)

Animal No/sex	Group/ Subgroup	Terminal Brain	Brain length	Brain width
			Female Animals	
1561-11/F	1/1	1.3800	1.8	1.5
1574-12/F	1/1	1.4132	1.8	1.4
1574-15/F	1/1	1.3588	2.0	1.5
1551-13/F	1/1	1.3589	1.8	1.4
1576-9/F	1/1	1.3622	1.9	1.4
Mean:		1.3746	1.9	1.4
Standard deviation:		0.0233	0.1	0.1
Number of observ. :		(5)	(5)	(5)
2563-11/F	2/1	1.2830	1.8	1.4
2551-11/F	2/1	1.2295	2.0	1.4
2567-14/F	2/1	1.4062	1.8	1.5
2569-12/F	2/1	1.3718	1.9	1.5
2555-14/F	2/1	1.4802	1.8	1.5
Mean:		1.3541	1.9	1.5
Standard deviation:		0.0994	0.1	0.0
Number of observ. :		(5)	(5)	(5)
3553-10/F	3/1	1.2670	1.8	1.4
3555-8/F	3/1	1.4583	1.8	1.4
3564-16/F	3/1	1.4033	1.8	1.4
3571-9/F	3/1	1.4650	2.0	1.4
3575-10/F	3/1	1.3341	1.9	1.5
Mean:		1.3855	1.9	1.4
Standard deviation:		0.0846	0.1	0.0
Number of observ. :		(5)	(5)	(5)
4558-8/F	4/1	1.4212	1.9	1.5
4561-9/F	4/1	1.3741	1.8	1.5
4575-14/F	4/1	1.3434	1.9	1.5
4576-9/F	4/1	1.4320	1.9	1.5
4556-12/F	4/1	1.4347	1.8	1.5
Mean:		1.4011	1.9	1.5
Standard deviation:		0.0405	0.1	0.0
Number of observ. :		(5)	(5)	(5)

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1501	7	M	72.8	1.6402	2.2530	0.3406	0.4679	0.3676	0.5049
	16	F	70.6	1.5426	2.1850	0.3077	0.4358	0.3859	0.5466
1502	2	M	79.2	1.6287	2.0564	0.4347	0.5489	0.3837	0.4845
	12	F	67.8	1.5676	2.3121	0.2803	0.4134	0.3349	0.4940
1503	2	M	79.6	1.6269	2.0438	0.3417	0.4293	0.3449	0.4333
	10	F	70.6	1.5500	2.1955	0.2244	0.3178	0.3025	0.4285
1504	1	M	66.8	1.5563	2.3298	0.2195	0.3286	0.2309	0.3457
	12	F	70.9	1.4290	2.0155	0.2370	0.3343	0.2794	0.3941
1505	5	M	71.1	1.7781	2.5008	0.3873	0.5447	0.3046	0.4284
	7	F	69.3	1.6952	2.4462	0.4015	0.5794	0.3685	0.5317
1506	2	M	79.2	1.5242	1.9245	0.3387	0.4277	0.3846	0.4856
	12	F	73.1	1.5173	2.0756	0.2764	0.3781	0.3879	0.5306
1508	6	M	85.0	1.6448	1.9351	0.3002	0.3532	0.3299	0.3881
	8	F	80.9	1.6024	1.9807	0.3897	0.4817	0.3697	0.4570
1510	8	M	81.5	1.5592	1.9131	0.4372	0.5364	0.3875	0.4755
	12	F	81.6	1.5830	1.9400	0.3838	0.4703	0.3571	0.4376
1511	7	M	75.4	1.6600	2.2016	0.3573	0.4739	0.3101	0.4113
	14	F	71.7	1.6356	2.2812	0.2799	0.3904	0.3683	0.5137
1512	4	M	76.4	1.5670	2.0510	0.2853	0.3734	0.3346	0.4380
	7	F	68.9	1.5261	2.2149	0.2663	0.3865	0.2516	0.3652
1513	7	M	62.3	1.3961	2.2409	0.2783	0.4467	0.2283	0.3665
	15	F	64.0	1.4855	2.3211	0.2880	0.4500	0.2855	0.4461
1516	2	M	78.2	1.7243	2.2050	0.3755	0.4802	0.3755	0.4802

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1516	(continued)								
	10	F	74.5	1.6061	2.1558	0.3200	0.4295	0.3127	0.4197
1517	9	M	75.7	1.6151	2.1336	0.3557	0.4699	0.3459	0.4569
	12	F	66.3	1.7339	2.6152	0.3991	0.6020	0.3343	0.5042
1518	4	M	78.2	1.7874	2.2857	0.3557	0.4549	0.3285	0.4201
	10	F	70.1	1.6148	2.3036	0.3372	0.4810	0.3145	0.4486
1519	7	M	80.6	1.4762	1.8315	0.3826	0.4747	0.3109	0.3857
	11	F	67.3	1.4695	2.1835	0.3029	0.4501	0.3063	0.4551
1521	3	M	78.4	1.6343	2.0846	0.2778	0.3543	0.3142	0.4008
	10	F	74.2	1.6001	2.1565	0.2588	0.3488	0.2907	0.3918
1522	3	M	70.7	1.5043	2.1277	0.3355	0.4745	0.3079	0.4355
	11	F	72.6	1.6061	2.2123	0.2730	0.3760	0.3289	0.4530
1523	1	M	92.2	1.6668	1.8078	0.3590	0.3894	0.3746	0.4063
	3	F	88.1	1.7264	1.9596	0.3567	0.4049	0.4813	0.5463
1524	4	M	79.3	1.6529	2.0844	0.2828	0.3566	0.2822	0.3559
	9	F	81.1	1.5736	1.9403	0.2348	0.2895	0.3255	0.4014
1525	1	M	77.0	1.5227	1.9775	0.2353	0.3056	0.2914	0.3784
	6	F	69.1	1.5934	2.3059	0.3294	0.4767	0.3542	0.5126
1526	4	M	82.4	1.6449	1.9962	0.3026	0.3672	0.4479	0.5436
	12	F	71.8	1.6421	2.2870	0.4088	0.5694	0.3487	0.4857

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2501	2	M	76.1	1.8020	2.3679	0.3410	0.4481	0.3890	0.5112
	9	F	67.8	1.6665	2.4580	0.2402	0.3543	0.3297	0.4863
2502	5	M	79.6	1.6826	2.1138	0.3053	0.3835	0.3571	0.4486
	10	F	80.5	1.8662	2.3183	0.2982	0.3704	0.4139	0.5142
2503	1	M	75.5	1.5500	2.0530	0.4034	0.5343	0.3074	0.4072
	10	F	71.0	1.4966	2.1079	0.3135	0.4415	0.3092	0.4355
2504	1	M	94.2	1.7111	1.8165	0.4241	0.4502	0.4690	0.4979
	2	F	81.2	1.6963	2.0890	0.3112	0.3833	0.3813	0.4696
2505	4	M	69.5	1.5655	2.2525	0.3491	0.5023	0.2167	0.3118
	10	F	69.8	1.4896	2.1341	0.3095	0.4434	0.3380	0.4842
2506	5	M	82.7	1.5929	1.9261	0.4384	0.5301	0.4050	0.4897
	14	F	71.0	1.5326	2.1586	0.3015	0.4246	0.4107	0.5785
2507	4	M	82.6	1.4132	1.7109	0.3272	0.3961	0.2704	0.3274
	8	F	77.5	1.3853	1.7875	0.3613	0.4662	0.3368	0.4346
2508	7	M	76.9	1.5768	2.0505	0.3735	0.4857	0.2949	0.3835
	12	F	72.6	1.5154	2.0873	0.3800	0.5234	0.3325	0.4580
2509	9	M	79.3	1.5842	1.9977	0.3407	0.4296	0.2977	0.3754
	14	F	72.4	1.5270	2.1091	0.2826	0.3903	0.2657	0.3670
2510	2	M	71.1	1.4546	2.0459	0.3997	0.5622	0.3031	0.4263
	4	F	75.6	1.6078	2.1267	0.4207	0.5565	0.3740	0.4947
2511	3	M	87.7	1.6587	1.8913	0.3816	0.4351	0.4570	0.5211
	7	F	73.7	1.5596	2.1161	0.3390	0.4600	0.4070	0.5522
2512	3	M	67.8	1.5858	2.3389	0.2776	0.4094	0.2756	0.4065

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2512	(continued)								
	8	F	63.5	1.4519	2.2865	0.2764	0.4353	0.2967	0.4672
2515	1	M	86.6	1.6966	1.9591	0.3438	0.3970	0.3707	0.4281
	12	F	76.9	1.5734	2.0460	0.2947	0.3832	0.3196	0.4156
2517	1	M	53.2	1.4622	2.7485	0.1913	0.3596	0.2564	0.4820
	11	F	62.6	1.5931	2.5449	0.2486	0.3971	0.1789	0.2858
2518	3	M	81.4	1.5647	1.9222	0.3489	0.4286	0.4586	0.5634
	6	F	75.1	1.6540	2.2024	0.3628	0.4831	0.4181	0.5567
2519	2	M	55.0	1.5343	2.7896	0.2819	0.5125	0.2410	0.4382
	8	F	57.5	1.4626	2.5437	0.3078	0.5353	0.2931	0.5097
2520	2	M	84.5	1.6871	1.9966	0.3703	0.4382	0.4022	0.4760
	5	F	80.8	1.6644	2.0599	0.2959	0.3662	0.3831	0.4741
2521	2	M	98.4	1.7209	1.7489	0.4593	0.4668	0.4496	0.4569
	5	F	77.0	1.6670	2.1649	0.3848	0.4997	0.3533	0.4588
2522	8	M	74.8	1.6492	2.2048	0.2873	0.3841	0.3284	0.4390
	10	F	73.3	1.5293	2.0864	0.2990	0.4079	0.3441	0.4694
2523	2	M	71.8	1.5290	2.1295	0.3253	0.4531	0.3009	0.4191
	6	F	77.6	1.5659	2.0179	0.3639	0.4689	0.3795	0.4890
2525	6	M	73.4	1.6357	2.2285	0.3267	0.4451	0.3431	0.4674
	14	F	63.4	1.5821	2.4954	0.2951	0.4655	0.3921	0.6185

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3501	1	M	80.6	1.5902	1.9730	0.3174	0.3938	0.3872	0.4804
	18	F	69.2	1.5669	2.2643	0.2770	0.4003	0.3469	0.5013
3503	5	M	89.1	1.5870	1.7811	0.3786	0.4249	0.4012	0.4503
	11	F	80.6	1.4727	1.8272	0.3111	0.3860	0.3599	0.4465
3505	6	M	65.4	1.3946	2.1324	0.3533	0.5402	0.3338	0.5104
	9	F	71.9	1.5497	2.1554	0.4034	0.5611	0.4416	0.6142
3507	1	M	52.7	1.3873	2.6324	0.2289	0.4343	0.2266	0.4300
	14	F	65.7	1.5726	2.3936	0.2951	0.4492	0.3669	0.5584
3508	6	M	81.4	1.3861	1.7028	0.3492	0.4290	0.3714	0.4563
	7	F	64.7	1.5296	2.3641	0.2127	0.3287	0.2918	0.4510
3509	8	M	74.7	1.6538	2.2139	0.4092	0.5478	0.3725	0.4987
	17	F	68.6	1.6480	2.4023	0.3104	0.4525	0.3168	0.4618
3510	1	M	82.9	1.6577	1.9996	0.3950	0.4765	0.3543	0.4274
	3	F	79.2	1.6205	2.0461	0.3372	0.4258	0.3828	0.4833
3511	4	M	83.1	1.5819	1.9036	0.3435	0.4134	0.3439	0.4138
	8	F	81.5	1.5782	1.9364	0.3328	0.4083	0.3154	0.3870
3512	3	M	84.3	1.5152	1.7974	0.3267	0.3875	0.2931	0.3477
	12	F	71.6	1.6508	2.3056	0.3906	0.5455	0.3494	0.4880
3513	1	M	77.3	1.7110	2.2135	0.4492	0.5811	0.3332	0.4310
	16	F	73.6	1.6296	2.2141	0.3279	0.4455	0.3726	0.5062
3514	1	M	74.3	1.5718	2.1155	0.3256	0.4382	0.2465	0.3318
	11	F	80.9	1.6160	1.9975	0.3681	0.4550	0.2979	0.3682
3515	1	M	81.4	1.6936	2.0806	0.2991	0.3674	0.3314	0.4071

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3515	(continued)								
	9	F	77.7	1.6923	2.1780	0.2800	0.3604	0.3643	0.4689
3516	6	M	89.9	1.6158	1.7973	0.3912	0.4352	0.3152	0.3506
	14	F	70.5	1.5224	2.1594	0.3447	0.4889	0.3347	0.4748
3517	1	M	77.8	1.6822	2.1622	0.4099	0.5269	0.2891	0.3716
	7	F	67.7	1.5487	2.2876	0.2778	0.4103	0.3510	0.5185
3518	8	M	81.4	1.6960	2.0835	0.3940	0.4840	0.4178	0.5133
	13	F	73.2	1.6365	2.2357	0.3546	0.4844	0.3675	0.5020
3519	8	M	80.2	1.6237	2.0246	0.4256	0.5307	0.4125	0.5143
	11	F	76.3	1.6045	2.1029	0.3804	0.4986	0.3890	0.5098
3520	2	M	79.4	1.6163	2.0356	0.3074	0.3872	0.3870	0.4874
	10	F	74.1	1.5704	2.1193	0.2976	0.4016	0.3621	0.4887
3521	7	M	76.9	1.3715	1.7835	0.4299	0.5590	0.4459	0.5798
	13	F	63.4	1.3011	2.0522	0.2869	0.4525	0.3185	0.5024
3522	2	M	68.2	1.5560	2.2815	0.2893	0.4242	0.3579	0.5248
	9	F	59.3	1.5548	2.6219	0.2446	0.4125	0.2913	0.4912
3523	5	M	75.4	1.5397	2.0420	0.3299	0.4375	0.3210	0.4257
	13	F	78.4	1.4825	1.8909	0.3600	0.4592	0.3539	0.4514
3524	6	M	95.6	1.5448	1.6159	0.3654	0.3822	0.3556	0.3720
	17	F	81.2	1.5100	1.8596	0.2490	0.3067	0.3344	0.4118
3525	2	M	76.6	1.5358	2.0050	0.2774	0.3621	0.3516	0.4590
	7	F	59.3	1.5129	2.5513	0.3447	0.5813	0.2319	0.3911
3526	4	M	67.1	1.3865	2.0663	0.3550	0.5291	0.3508	0.5228
	8	F	63.3	1.5079	2.3821	0.3978	0.6284	0.3458	0.5463

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4501	2	M	71.8	1.5239	2.1224	0.3002	0.4181	0.3887	0.5414
	13	F	74.9	1.5328	2.0465	0.3244	0.4331	0.3643	0.4864
4502	5	M	86.3	1.5431	1.7881	0.4184	0.4848	0.2897	0.3357
	10	F	75.3	1.4812	1.9671	0.3014	0.4003	0.3303	0.4386
4503	5	M	79.8	1.6414	2.0569	0.3655	0.4580	0.4167	0.5222
	11	F	78.9	1.7559	2.2255	0.3592	0.4553	0.4309	0.5461
4504	3	M	80.2	1.6524	2.0603	0.3343	0.4168	0.2872	0.3581
	18	F	75.6	1.6061	2.1245	0.3367	0.4454	0.4250	0.5622
4505	1	M	73.0	1.4660	2.0082	0.3581	0.4905	0.3338	0.4573
	4	F	75.1	1.6320	2.1731	0.3270	0.4354	0.3680	0.4900
4506	4	M	75.1	1.4868	1.9798	0.3290	0.4381	0.3282	0.4370
	9	F	75.6	1.5820	2.0926	0.2620	0.3466	0.2913	0.3853
4507	2	M	83.8	1.5960	1.9045	0.3584	0.4277	0.3779	0.4510
	5	F	77.6	1.5350	1.9781	0.3778	0.4869	0.3558	0.4585
4508	5	M	68.5	1.4961	2.1841	0.2697	0.3937	0.3119	0.4553
	15	F	69.6	1.4983	2.1527	0.3124	0.4489	0.3792	0.5448
4509	1	M	61.6	1.5155	2.4602	0.3186	0.5172	0.2686	0.4360
	13	F	58.5	1.4861	2.5403	0.2618	0.4475	0.2520	0.4308
4510	5	M	75.3	1.5390	2.0438	0.3602	0.4784	0.3659	0.4859
	7	F	75.1	1.5223	2.0270	0.3450	0.4594	0.3450	0.4594
4511	6	M	72.0	1.5535	2.1576	0.2745	0.3813	0.3576	0.4967
	15	F	66.5	1.4598	2.1952	0.3324	0.4998	0.3521	0.5295
4512	3	M	73.9	1.5883	2.1493	0.3137	0.4245	0.3509	0.4748

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4512	(continued)								
	12	F	72.0	1.6034	2.2269	0.3434	0.4769	0.3707	0.5149
4515	8	M	80.0	1.6823	2.1029	0.3778	0.4722	0.3800	0.4750
	14	F	58.9	1.4831	2.5180	0.2906	0.4934	0.3351	0.5689
4516	1	M	65.8	1.5447	2.3476	0.2609	0.3965	0.2824	0.4292
	10	F	61.5	1.5303	2.4883	0.2389	0.3885	0.2685	0.4366
4517	3	M	70.2	1.5768	2.2462	0.2778	0.3957	0.2830	0.4031
	9	F	61.6	1.5019	2.4381	0.2221	0.3606	0.2255	0.3661
4518	3	M	80.5	1.6292	2.0239	0.3198	0.3973	0.2970	0.3689
	5	F	66.3	1.5575	2.3492	0.2775	0.4186	0.2845	0.4291
4519	5	M	81.4	1.6970	2.0848	0.3440	0.4226	0.3450	0.4238
	11	F	82.9	1.6453	1.9847	0.3056	0.3686	0.3680	0.4439
4520	1	M	74.1	1.6444	2.2192	0.2892	0.3903	0.3427	0.4625
	4	F	69.2	1.5968	2.3075	0.3026	0.4373	0.3216	0.4647
4521	5	M	73.2	1.6173	2.2094	0.3025	0.4133	0.3344	0.4568
	13	F	75.1	1.6123	2.1469	0.2642	0.3518	0.3689	0.4912
4522	6	M	88.0	1.6072	1.8264	0.3694	0.4198	0.3334	0.3789
	12	F	77.5	1.4533	1.8752	0.3486	0.4498	0.3928	0.5068
4523	2	M	67.0	1.6255	2.4261	0.3412	0.5093	0.2745	0.4097
	16	F	76.5	1.5620	2.0418	0.3137	0.4101	0.3855	0.5039
4524	9	M	64.8	1.5386	2.3744	0.2541	0.3921	0.2591	0.3998
	15	F	62.4	1.4652	2.3481	0.2476	0.3968	0.2616	0.4192
4525	1	M	69.4	1.4956	2.1550	0.3492	0.5032	0.3104	0.4473
	8	F	71.4	1.4429	2.0209	0.2731	0.3825	0.3660	0.5126

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BODY WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN Weight	BRAIN Ratio	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4526	2	M	75.5	1.5407	2.0407	0.2705	0.3583	0.3090	0.4093
	11	F	67.6	1.4714	2.1766	0.2101	0.3108	0.2380	0.3521

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1501	7	M	1.6402	0.3406	20.766	0.3676	22.412
	16	F	1.5426	0.3077	19.947	0.3859	25.016
1502	2	M	1.6287	0.4347	26.690	0.3837	23.559
	12	F	1.5676	0.2803	17.881	0.3349	21.364
1503	2	M	1.6269	0.3417	21.003	0.3449	21.200
	10	F	1.5500	0.2244	14.477	0.3025	19.516
1504	1	M	1.5563	0.2195	14.104	0.2309	14.836
	12	F	1.4290	0.2370	16.585	0.2794	19.552
1505	5	M	1.7781	0.3873	21.782	0.3046	17.131
	7	F	1.6952	0.4015	23.685	0.3685	21.738
1506	2	M	1.5242	0.3387	22.221	0.3846	25.233
	12	F	1.5173	0.2764	18.217	0.3879	25.565
1508	6	M	1.6448	0.3002	18.251	0.3299	20.057
	8	F	1.6024	0.3897	24.320	0.3697	23.072
1510	8	M	1.5592	0.4372	28.040	0.3875	24.852
	12	F	1.5830	0.3838	24.245	0.3571	22.558
1511	7	M	1.6600	0.3573	21.524	0.3101	18.681
	14	F	1.6356	0.2799	17.113	0.3683	22.518
1512	4	M	1.5670	0.2853	18.207	0.3346	21.353
	7	F	1.5261	0.2663	17.450	0.2516	16.486
1513	7	M	1.3961	0.2783	19.934	0.2283	16.353
	15	F	1.4855	0.2880	19.387	0.2855	19.219
1516	2	M	1.7243	0.3755	21.777	0.3755	21.777

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP I 0 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
1516	(continued)						
	10	F	1.6061	0.3200	19.924	0.3127	19.470
1517	9	M	1.6151	0.3557	22.023	0.3459	21.417
	12	F	1.7339	0.3991	23.017	0.3343	19.280
1518	4	M	1.7874	0.3557	19.900	0.3285	18.379
	10	F	1.6148	0.3372	20.882	0.3145	19.476
1519	7	M	1.4762	0.3826	25.918	0.3109	21.061
	11	F	1.4695	0.3029	20.612	0.3063	20.844
1521	3	M	1.6343	0.2778	16.998	0.3142	19.225
	10	F	1.6001	0.2588	16.174	0.2907	18.168
1522	3	M	1.5043	0.3355	22.303	0.3079	20.468
	11	F	1.6061	0.2730	16.998	0.3289	20.478
1523	1	M	1.6668	0.3590	21.538	0.3746	22.474
	3	F	1.7264	0.3567	20.661	0.4813	27.879
1524	4	M	1.6529	0.2828	17.109	0.2822	17.073
	9	F	1.5736	0.2348	14.921	0.3255	20.685
1525	1	M	1.5227	0.2353	15.453	0.2914	19.137
	6	F	1.5934	0.3294	20.673	0.3542	22.229
1526	4	M	1.6449	0.3026	18.396	0.4479	27.230
	12	F	1.6421	0.4088	24.895	0.3487	21.235

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2501	2	M	1.8020	0.3410	18.923	0.3890	21.587
	9	F	1.6665	0.2402	14.413	0.3297	19.784
2502	5	M	1.6826	0.3053	18.145	0.3571	21.223
	10	F	1.8662	0.2982	15.979	0.4139	22.179
2503	1	M	1.5500	0.4034	26.026	0.3074	19.832
	10	F	1.4966	0.3135	20.947	0.3092	20.660
2504	1	M	1.7111	0.4241	24.785	0.4690	27.409
	2	F	1.6963	0.3112	18.346	0.3813	22.478
2505	4	M	1.5655	0.3491	22.300	0.2167	13.842
	10	F	1.4896	0.3095	20.777	0.3380	22.691
2506	5	M	1.5929	0.4384	27.522	0.4050	25.425
	14	F	1.5326	0.3015	19.672	0.4107	26.798
2507	4	M	1.4132	0.3272	23.153	0.2704	19.134
	8	F	1.3853	0.3613	26.081	0.3368	24.312
2508	7	M	1.5768	0.3735	23.687	0.2949	18.702
	12	F	1.5154	0.3800	25.076	0.3325	21.941
2509	9	M	1.5842	0.3407	21.506	0.2977	18.792
	14	F	1.5270	0.2826	18.507	0.2657	17.400
2510	2	M	1.4546	0.3997	27.478	0.3031	20.837
	4	F	1.6078	0.4207	26.166	0.3740	23.262
2511	3	M	1.6587	0.3816	23.006	0.4570	27.552
	7	F	1.5596	0.3390	21.736	0.4070	26.096
2512	3	M	1.5858	0.2776	17.505	0.2756	17.379

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP II 2000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
2512	(continued)						
	8	F	1.4519	0.2764	19.037	0.2967	20.435
2515	1	M	1.6966	0.3438	20.264	0.3707	21.850
	12	F	1.5734	0.2947	18.730	0.3196	20.313
2517	1	M	1.4622	0.1913	13.083	0.2564	17.535
	11	F	1.5931	0.2486	15.605	0.1789	11.230
2518	3	M	1.5647	0.3489	22.298	0.4586	29.309
	6	F	1.6540	0.3628	21.935	0.4181	25.278
2519	2	M	1.5343	0.2819	18.373	0.2410	15.707
	8	F	1.4626	0.3078	21.045	0.2931	20.040
2520	2	M	1.6871	0.3703	21.949	0.4022	23.840
	5	F	1.6644	0.2959	17.778	0.3831	23.017
2521	2	M	1.7209	0.4593	26.690	0.4496	26.126
	5	F	1.6670	0.3848	23.083	0.3533	21.194
2522	8	M	1.6492	0.2873	17.421	0.3284	19.913
	10	F	1.5293	0.2990	19.551	0.3441	22.500
2523	2	M	1.5290	0.3253	21.275	0.3009	19.680
	6	F	1.5659	0.3639	23.239	0.3795	24.235
2525	6	M	1.6357	0.3267	19.973	0.3431	20.976
	14	F	1.5821	0.2951	18.652	0.3921	24.784

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3501	1	M	1.5902	0.3174	19.960	0.3872	24.349
	18	F	1.5669	0.2770	17.678	0.3469	22.139
3503	5	M	1.5870	0.3786	23.856	0.4012	25.280
	11	F	1.4727	0.3111	21.124	0.3599	24.438
3505	6	M	1.3946	0.3533	25.333	0.3338	23.935
	9	F	1.5497	0.4034	26.031	0.4416	28.496
3507	1	M	1.3873	0.2289	16.500	0.2266	16.334
	14	F	1.5726	0.2951	18.765	0.3669	23.331
3508	6	M	1.3861	0.3492	25.193	0.3714	26.795
	7	F	1.5296	0.2127	13.906	0.2918	19.077
3509	8	M	1.6538	0.4092	24.743	0.3725	22.524
	17	F	1.6480	0.3104	18.835	0.3168	19.223
3510	1	M	1.6577	0.3950	23.828	0.3543	21.373
	3	F	1.6205	0.3372	20.808	0.3828	23.622
3511	4	M	1.5819	0.3435	21.714	0.3439	21.740
	8	F	1.5782	0.3328	21.087	0.3154	19.985
3512	3	M	1.5152	0.3267	21.562	0.2931	19.344
	12	F	1.6508	0.3906	23.661	0.3494	21.165
3513	1	M	1.7110	0.4492	26.254	0.3332	19.474
	16	F	1.6296	0.3279	20.122	0.3726	22.865
3514	1	M	1.5718	0.3256	20.715	0.2465	15.683
	11	F	1.6160	0.3681	22.778	0.2979	18.434
3515	1	M	1.6936	0.2991	17.661	0.3314	19.568

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP III 10000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
3515	(continued)						
	9	F	1.6923	0.2800	16.546	0.3643	21.527
3516	6	M	1.6158	0.3912	24.211	0.3152	19.507
	14	F	1.5224	0.3447	22.642	0.3347	21.985
3517	1	M	1.6822	0.4099	24.367	0.2891	17.186
	7	F	1.5487	0.2778	17.938	0.3510	22.664
3518	8	M	1.6960	0.3940	23.231	0.4178	24.634
	13	F	1.6365	0.3546	21.668	0.3675	22.456
3519	8	M	1.6237	0.4256	26.212	0.4125	25.405
	11	F	1.6045	0.3804	23.708	0.3890	24.244
3520	2	M	1.6163	0.3074	19.019	0.3870	23.944
	10	F	1.5704	0.2976	18.951	0.3621	23.058
3521	7	M	1.3715	0.4299	31.345	0.4459	32.512
	13	F	1.3011	0.2869	22.051	0.3185	24.479
3522	2	M	1.5560	0.2893	18.593	0.3579	23.001
	9	F	1.5548	0.2446	15.732	0.2913	18.736
3523	5	M	1.5397	0.3299	21.426	0.3210	20.848
	13	F	1.4825	0.3600	24.283	0.3539	23.872
3524	6	M	1.5448	0.3654	23.654	0.3556	23.019
	17	F	1.5100	0.2490	16.490	0.3344	22.146
3525	2	M	1.5358	0.2774	18.062	0.3516	22.894
	7	F	1.5129	0.3447	22.784	0.2319	15.328
3526	4	M	1.3865	0.3550	25.604	0.3508	25.301
	8	F	1.5079	0.3978	26.381	0.3458	22.933

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4501	2	M	1.5239	0.3002	19.699	0.3887	25.507
	13	F	1.5328	0.3244	21.164	0.3643	23.767
4502	5	M	1.5431	0.4184	27.114	0.2897	18.774
	10	F	1.4812	0.3014	20.348	0.3303	22.299
4503	5	M	1.6414	0.3655	22.268	0.4167	25.387
	11	F	1.7559	0.3592	20.457	0.4309	24.540
4504	3	M	1.6524	0.3343	20.231	0.2872	17.381
	18	F	1.6061	0.3367	20.964	0.4250	26.462
4505	1	M	1.4660	0.3581	24.427	0.3338	22.769
	4	F	1.6320	0.3270	20.037	0.3680	22.549
4506	4	M	1.4868	0.3290	22.128	0.3282	22.074
	9	F	1.5820	0.2620	16.561	0.2913	18.413
4507	2	M	1.5960	0.3584	22.456	0.3779	23.678
	5	F	1.5350	0.3778	24.612	0.3558	23.179
4508	5	M	1.4961	0.2697	18.027	0.3119	20.848
	15	F	1.4983	0.3124	20.850	0.3792	25.309
4509	1	M	1.5155	0.3186	21.023	0.2686	17.724
	13	F	1.4861	0.2618	17.617	0.2520	16.957
4510	5	M	1.5390	0.3602	23.405	0.3659	23.775
	7	F	1.5223	0.3450	22.663	0.3450	22.663
4511	6	M	1.5535	0.2745	17.670	0.3576	23.019
	15	F	1.4598	0.3324	22.770	0.3521	24.120
4512	3	M	1.5883	0.3137	19.751	0.3509	22.093

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4512	(continued)						
	12	F	1.6034	0.3434	21.417	0.3707	23.120
4515	8	M	1.6823	0.3778	22.457	0.3800	22.588
	14	F	1.4831	0.2906	19.594	0.3351	22.595
4516	1	M	1.5447	0.2609	16.890	0.2824	18.282
	10	F	1.5303	0.2389	15.611	0.2685	17.546
4517	3	M	1.5768	0.2778	17.618	0.2830	17.948
	9	F	1.5019	0.2221	14.788	0.2255	15.014
4518	3	M	1.6292	0.3198	19.629	0.2970	18.230
	5	F	1.5575	0.2775	17.817	0.2845	18.266
4519	5	M	1.6970	0.3440	20.271	0.3450	20.330
	11	F	1.6453	0.3056	18.574	0.3680	22.367
4520	1	M	1.6444	0.2892	17.587	0.3427	20.840
	4	F	1.5968	0.3026	18.950	0.3216	20.140
4521	5	M	1.6173	0.3025	18.704	0.3344	20.676
	13	F	1.6123	0.2642	16.387	0.3689	22.880
4522	6	M	1.6072	0.3694	22.984	0.3334	20.744
	12	F	1.4533	0.3486	23.987	0.3928	27.028
4523	2	M	1.6255	0.3412	20.990	0.2745	16.887
	16	F	1.5620	0.3137	20.083	0.3855	24.680
4524	9	M	1.5386	0.2541	16.515	0.2591	16.840
	15	F	1.4652	0.2476	16.899	0.2616	17.854
4525	1	M	1.4956	0.3492	23.348	0.3104	20.754
	8	F	1.4429	0.2731	18.927	0.3660	25.366

APPENDIX Z F2 GENERATION

GASOLINE MTBE VAPOR CONDENSATE: A TWO-GENERATION WHOLE-BODY
INHALATION REPRODUCTION TOXICITY STUDY IN RATS

INDIVIDUAL PUP ORGAN WEIGHTS (GRAMS) AND ORGAN/BRAIN WEIGHT RATIOS (%)

GROUP IV 20000 MG/M3

Animal Number	Pup No.	Sex	Brain Weight	SPLEEN Weight	SPLEEN Ratio	THYMUS Weight	THYMUS Ratio
4526	2	M	1.5407	0.2705	17.557	0.3090	20.056
	11	F	1.4714	0.2101	14.279	0.2380	16.175