

**Appendix 7: Sources of Information for the Evaluation of PAC and Toxicity**

The following Table identifies the report numbers for each of the studies used in the final modeling effort. Also shown is the PAC profile for each sample that was used in the modeling.

CAS No.	Sample No.	Aromatic Ring Content- (Weight %)							Analytical Studies	Repeat-Dose toxicity Studies		Developmental toxicity Studies	
		1-Ring	2-Ring	3-Ring	4-Ring	5-Ring	6-Ring	7-Ring	Study No.	Study Type	Study No.	Study Type	Study No.
<b>Aromatic Extracts</b>													
64742-04-7	86187	0	0	4.1	8.1	6.1	2	0.4	64349 ZA	13-Week	61737	Pre/Postnatal	62884
<b>Crude Oils</b>													
08002-05-9	89645	0	6.4	1.6	0.4	0	0	0	63837	13-Week	63834	Pre/Postnatal	63836
												Postnatal	64248
08002-05-9	89646	0	6	6	3	0	0	0	63849	13-Week	63846	Pre/Postnatal	63848
												Postnatal	64283
<b>Gas Oils</b>													
64741-43-1	F-193	0	2	4	2	0.7	0.2	0	65726-ZA-ZR			Prenatal	ATX-920011
												Postnatal	ATX-910127
64741-49-7	86270	0.9	2.6	3.5	0.9	0.35	0	0.35	63806 ZF	13-Week	62326	Pre/Postnatal	62328
64741-59-9	F-213	0.4	20	20	0.4	0	0	0	65726-ZA-ZR			Postnatal	ATX-910262
64741-59-9	8281	2	29.5	14.7	0	0.5	0.5	0	53201	13-Week	20535	Prenatal	50511
64741-82-8	F-277	7	4	0	0	0	0	0	66149			Postnatal	ATX-930075
64741-82-8	87213	0.1	4.2	3.8	0.3	0	0	0	64348 ZN	13-Week	61996	Pre/Postnatal	61998

CAS No.	Sample No.	Aromatic Ring Content- (Weight %)							Analytical Studies	Repeat-Dose toxicity Studies		Developmental toxicity Studies	
		1-Ring	2-Ring	3-Ring	4-Ring	5-Ring	6-Ring	7-Ring		Study No.	Study Type	Study No.	Study Type
64741-82-8	F-199	0.1	4	10	0	0	0	0	65726-ZA-ZR			Prenatal	ATX-920013
												Postnatal	ATX-910133
64741-86-2	F-233	3	0	0	0	0	0	0	66149	28 Day	ATX-910233	Postnatal	ATX-930021
68334-30-5	F-195	0.1	3	4	0.1	0.1	0.1	0	65726-ZA-ZR			Prenatal	ATX-920156
												Postnatal	ATX-910129
68915-97-9	86271	0.1	0.84	5.3	3.2	0.42	0.2	0.1	63803 ZD	13-Week	63456	Pre/Postnatal	64146
<b>Gasoline Blending Streams</b>													
64741-41-9	F-251	0	0	0	0	0	0	0	66149	28 Day	ATX-920064	Postnatal	ATX-930025
64741-55-5	86045	3.3	0.1	0.2	0.1	0.04	0	0	64349 ZW			Prenatal	50341
68783-12-0	F-250	0.2	0.2	0.4	0	0	0	0	66149	28 Day	ATX-920056	Postnatal	ATX-930024
<b>Heavy Fuel Oils</b>													
64741-45-3	F-228	0.1	0.3	2	2	2	0.6	0.1	65726-ZA-ZR			Postnatal	ATX-910267
64741-57-7	F-276	9	9	0.2	0	0	0	0	66149			Postnatal	ATX-930073
64741-57-7	F-197	0	0.4	4	2	0.6	0.2	0	65726-ZA-ZR			Prenatal	ATX-920154
64741-57-7	F-196	0.1	0.3	3	2	2	0.7	0	65726-ZA-ZR			Prenatal	ATX-920012
64741-57-7	F-225	0	0.4	4	1	0.4	0.1	0	65726-ZA-ZR			Postnatal	ATX-910264
64741-57-7	F-201	0.1	0.4	4	3	0.9	0.4	0	65726-ZA-ZR			Postnatal	ATX-910135
64741-57-7	F-197	0	0.4	4	2	0.6	0.2	0	65726-ZA-ZR			Postnatal	ATX-910131
64741-57-7	F-196	0.1	0.3	3	2	2	0.7	0	65726-ZA-ZR			Postnatal	ATX-910130

CAS No.	Sample No.	Aromatic Ring Content- (Weight %)							Analytical Studies	Repeat-Dose toxicity Studies		Developmental toxicity Studies	
		1-Ring	2-Ring	3-Ring	4-Ring	5-Ring	6-Ring	7-Ring		Study No.	Study Type	Study No.	Study Type
64741-57-7	85244	0	0.06	2.5	1.9	1.2	0.5	0	64348 ZV	13-Week	61590	Prenatal	61801
64741-61-3	F-222	0	4	40	4	0.6	0	0	65726-ZA-ZR			Postnatal	ATX-910270
64741-62-4	F-229	0	3	20	30	10	4	0	65726-ZA-ZR			Postnatal	ATX-910268
64741-62-4	F-179	0	0.7	10	30	20	6	0	65726-ZA-ZR	90-Day	ATX-910012	Postnatal	ATX-910155
												Prenatal	ATX-910042
64741-62-4	86001	0	2.6	25.7	19.3	6.4	3.2	0.6	64348 ZA	13-Week	20525	Prenatal	50541
64741-62-4	86484	0	1	9.8	19.5	9.7	4.9	1	64348 ZM	13-Week	62710	Prenatal	62934
64741-81-7	F-274	7	9	7	5	2	0	0	66149			Postnatal	ATX-930069
64741-81-7	F-200	0	0.9	20	5	0	0	0	65726-ZA-ZR			Postnatal	ATX-910134
64741-81-7	83366	0.1	2.5	5.1	3.6	2.5	0.9	0.1	64348 ZQ	13-Week	50391	Prenatal	50431
64741-81-7	86193	0.84	2.9	0.4	0	0	0	0	64348 ZT	13-Week	63237	Prenatal	64643
64741-81-7	86181	0.3	2.5	12.4	7.5	2.5	0.5	0	64348 ZO	13-Week	64165	Prenatal	64168
64741-81-7	86272	0.3	4.9	8.1	1.6	0.3	0.2	0	64348 ZR	13-Week	64184		
64742-86-5	F-227	0.1	0.7	3	2	1	0.3	0	65726-ZA-ZR			Postnatal	ATX-910266
68410-00-4	F-215	0.2	4	4	0	0	0	0	65726-ZA-ZR			Prenatal	ATX-920155
68410-00-4												Postnatal	ATX-910263
68410-00-4	F-194	0.1	4	4	0	0	0	0	65726-ZA-ZR			Postnatal	ATX-910128
68783-08-4	F-275	0.7	4	1	0.7	0.5	0	0	66149			Postnatal	ATX-930071

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		1-Ring	2-Ring	3-Ring	4-Ring	5-Ring	6-Ring	7-Ring	Study No.	Study Type	Study No.	Study Type	Study No.
<b>Lubricating Oil Basestocks</b>													
64742-65-0	82191	0	0.02	0.7	0.1	0.1	0	0	50152	13-Week	30237		
64741-76-0	F-220	0.9	2	0.9	0.2	0.1	0	0	65726-ZA-ZR			Postnatal	ATX-910290
<b>Unidentified</b>													
None	F-236	0.1	0	0	0	0	0	0	66149	28 Day	ATX-910257		
None	F-221	0.2	2	7	3	2	1	0	65726-ZA-ZR			Postnatal	ATX-910269
<b>Wastes</b>													
68477-27-0	89106	0.2	1.2	1.7	1.2	0.6	0.5	0	63263	13-Week	63266	Prenatal	63264
None	88614	0	0	0.48	0.48	0.32	0.03	0	63057	13-Week	63036	Prenatal	63239