

APPENDIX A

TABLE 5 – PHYSICAL AND TOXICOLOGICAL PROPERTIES

A. ORGANIC REGULATED SUBSTANCES

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference <sup>1</sup>	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr <sup>-1</sup> )
ACENAPHTHENE	83-32-9	0.06 I		0.06 Ir		4900	X	3.8	1,5,6	13400	14900		279	1.24
ACENAPHTHYLENE	208-96-8	0.06 S		0.06 S		4500	X	16.1	5,6,7	13400	14900		280	2.11
ACEPHATE	30560-19-1	0.004 I	0.0087 I			3		818000	6				340	
ACETONE	67-64-1	[0.1] 0.9 I		[8.86] 8.9 D		0.31	X	1000000	1	13100	15000	X	56	18.07
ACETOPHENONE	98-86-2	0.1 I		0.1 Ir		170	X	5500	1	12900	15000	X	203	
ACROLEIN	107-02-8	[0.02] [H] 0.0005 I		0.0000057 I		0.56	X	208000	1,2,4	13100	15100	X	53	4.50
ACRYLAMIDE	79-06-1	0.0002 I	4.5 [Ir] I	0.0002 Ir	[4.55] 4.5 I	25	X	2151000	4	13000	15000	X	192.6	
ACRYLIC ACID	79-10-7	0.5 I		[0.000286] 0.00029 I		29	X	1000000	2	13000	14900	X	141	1.39
ACRYLONITRILE	107-13-1	0.001 H	0.54 I	[0.000571] 0.00057 I	[0.238] 0.24 I	11	X	73500	1	13100	15100	X	77	5.50
ALACHLOR	15972-60-8	0.01 I	0.08 H	0.01 Ir	0.08 Hr	110		140	2				[100] 378	
ALDRIN	309-00-2	0.00003 I	17 I	0.00003 Ir	[17.15] 17 I	48000		0.02	4,5,6				[145] 330	0.22
AMITROLE	61-82-5		0.94 C		[0.945] 0.94 C	120		280000	4				[200] 258	0.69
AMMONIA	7664-41-7	0.97 H		[0.0286] 0.029 I		3	X	310000	2,5,7	13100	15000	X	-33.3	
AMMONIUM SULFAMATE	7773-06-0	0.2 I		0.2 Ir		3	X	2160000	10	13200	15000		[200] 603	
ANILINE	62-53-3	0.007 N	0.0057 I	[0.000286] 0.00029 I	0.0056 C	190	X	33800	1	13000	14900	X	184	
ANTHRACENE	120-12-7	0.3 I		0.3 Ir		21000	X	0.066	1,5,6,7,8,9	19800	24700		340	0.28
ATRAZINE	1912-24-9	0.035 I	[0.222] 0.22 H	0.035 Ir	[0.222] 0.22 Hr	130		70	2,4,5				[200] 313	
BENOMYL	17804-35-2	0.05 I				1,900		2	5				520	
BENTAZON	25057-89-0	0.03 I				13		500	2				415	
BENZENE	71-43-2	[0.003] [N] 0.004 I	0.029 I	[0.0017] [N] 0.0086 I	0.027 I	58	X	1780.5	1,2,3,4	13100	15000	X	81	0.35
BENZOTRICHLORIDE	98-07-7		13 I			920	X	53	1,5,13	13000	14800	X	220.8	121413.60
BENZYL CHLORIDE	100-44-7		0.17 I		[0.1715] 0.17 C	190	X	493	1	13000	15000	X	179	20.90
BETA PROPIOLACTONE	57-57-8		14 C		14 C	4	X	370000	2	13100	15000	X	162	0.01

<sup>1</sup> Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.

Toxicity Value Sources:

C = California EPA Cancer Potency Factor      M = EPA Drinking Water Regulations and Health Advisories  
D = ATSDR Minimal Risk Level                      N = EPA NCEA Provisional Values  
H = Health Effects Assessment Summary Table (HEAST)      S = surrogate  
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BHC, BETA-	319-85-7	0.0006 D	1.8 I	0.0006 Dr	[1.855] 1.9 I	2300		0.1	6				[60] 304	1.02
BHC, DELTA-	319-86-8	0.0006 S		0.0006 S		1900		8	6				[60] 304	1.26
BHC, GAMMA (LINDANE)	58-89-9	0.0003 I	1.3 H	0.0003 Ir	[1.085] 1.1 C	1400		7.3	4,5,6				323	1.05
BIPHENYL, 1,1-	92-52-4	0.05 I		0.05 Ir		1,700	X	7.2	1	12900	14800		255	18.07
BIS(2-CHLOROETHYL)ETHER	111-44-4		1.1 I		[1.155] 1.2 I	76	X	10200	1,4,5	13000	14900	X	179	0.69
BIS(CHLOROMETHYL)ETHER	542-88-1		220 I		[217] 220 I	16	X	22000	6	13100	15100	X	105	57270.57
BROMACIL	314-40-9	0.1 M				58		815	2				421	
BROMODICHLOROMETHANE	75-27-4	0.02 I	0.062 I	0.02 Ir	[0.1295] 0.13 C	93	X	4500	6	13100	15000	X	87	
BROMOMETHANE	74-83-9	0.0014 I		0.0014 I		170	X	17500	2	13100	15000	X	4	6.66
BROMOXYNIL	1689-84-5	0.02 I				300		130	2				329	
BROMOXYNIL OCTANOATE	1689-99-2	0.02 I				18,000		0.08	12				414	5.75
BUTADIENE, 1,3-	106-99-0		3.4 C	0.00057 I	[0.98] 0.11 I	120	X	735	1	13200	15000		-4.5	4.50
BUTYLBENZENE, N-	104-51-8	0.04 N				2,500	X	15	1,6,7	13100	15100	X	[183.1] 183	
BUTYLBENZENE, SEC-	135-98-8	0.04 N				890	X	17	1,6,7	13100	15000	X	[173.5] 174	
CAPTAN	133-06-2	0.13 I	0.0035 H	0.13 Ir	[0.00231] 0.0023 C	200		0.5	4				259	589.39
CARBOFURAN	1563-66-2	0.005 I		0.005 Ir		43		700	2				[200] 311	
CARBON TETRACHLORIDE	56-23-5	0.0007 I	0.13 I	0.00057 N	[0.0525] 0.053 I	160	X	795	1,2,3	13100	15000	X	77	0.07
CARBOXIN	5234-68-4	0.1 I				260		170	5,6,8				407	
CHLORDANE	57-74-9	0.0005 I	0.35 I	0.0002 I	0.35 I	98000		0.056	4,5,7				[175] 351	0.091
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3				[14.3] 14 I	22	X	1400	4	13100	15000		[-9.2] -9	
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	[0.00028] 6] Ir	0.021 C	[0.000286] 0.00029 I	0.021 C	48	X	3300	1,3,5,7,10	13100	15000	X	45	18.07
CHLOROACETOPHENONE, 2-	532-27-4	[0.00000] 857] Ir		[0.000008] 57] I		76	X	1100	3	13000	14800		247	4.50
CHLOROBENZENE	108-90-7	0.02 I			[0.00571] 0.005 H	200	X	490	3	13100	15000	X	132	0.84
CHLOROBENZILATE	510-15-6	0.02 I	0.27 H	0.02 Ir	[0.273] 0.27 H	2600		13	4			X	415	3.60

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CHLORODIBROMOMETHANE	124-48-1	0.02 I	0.084 I	0.02 Ir	[0.0945] 0.095 C	83	X	4200	4,6,7,9	13100	15100	X	116	1.39
CHLORODIFLUOROMETHANE	75-45-6			14 I		59	X	2899	4	13200	15000		-40.8	
CHLOROETHANE	75-00-3	0.4 [Ir] N	0.0029 N	[2.86] 2.9 I		42	X	5700	1	13100	15000	X	12	4.50
CHLOROFORM	67-66-3	0.01 I	[0.0061] I	[0.00009] 0.014 N	[0.0805] 0.08 I	56	X	8000	1,2,3	13100	15000	X	61	0.01
CHLORONAPHTHALENE, 2-	91-58-7	0.08 I		0.08 Ir		8500	X	11.7	1	13400	15500		256	
CHLORONITROBENZENE, P-	100-00-5	0.001 N	0.018 H	0.00017 N	0.018 Nr	480	X	220	1	03200	15100		242	
CHLOROPROPANE, 2-	75-29-6			[0.0286] 0.029 H		260	X	3100	1,3,5	13200	15000	X	[47.2] 47	
CHLOROTOLUENE, O-	95-49-8	0.02 I				760	X	422	14,15	13100	15000	X	[158.97] 159	
CHLORSULFURON	64902-72-3	0.05 I				11		192	2,5,6,8,9				[152] 531	
CRESOL, 4,6-DINITRO-O-	534-52-1	0.0001 N		0.0001 Nr		257	X	150	4	13000	15000		312	6.02
CRESOL, O- (METHYLPHENOL, 2-)	95-48-7	0.05 I				[97] 22	X	2500	3,5,6	12900	14800	X	191	18.07
CRESOL, P-CHLORO-M-	59-50-7	0.005 S				780	X	3846	2	13500	15600		235	
CROTONALDEHYDE	4170-30-3		1.9 S		1.9 Sr	5.6	X	180000	3	13000	14900	X	104	18.07
CYCLOHEXANE	110-82-7			1.7 I		479	X	55	1,2,4,5,6	197072	28500	X	81	
CYFLUTHRIN	68359-37-5	0.025 I				130,000		0.001	2			X	448	
DDD, 4,4'-	72-54-8		0.24 I		[0.2415] 0.24 C	44000		0.16	5,6,7				[193] 350	0.02
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	0.6 I	0.0012 I			47,000,000		200	5	[13000]	[14900]	X	214	4.50
DIALATE	2303-16-4		0.061 H		0.061 Hr	190	[X]	40	2,4,6,8	[12900]	[14900]	X	[150] 328	1.39
DIBENZOFURAN	132-64-9	0.002 N		0.002 Nr		10233	X	4.48	1,6,7,9	15700	18600		287	7.23
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	[0.00005 71] Ir 0.000057	1.4 H	[0.000057 1] I 0.000057	[0.00242] 0.0024 H	140	X	1000	4	13000	15000	X	196	0.69
DIBROMOBENZENE, 1,4-	106-37-6	0.01 I				1,600		20	1				[220.4] 220	
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	[0.00005 [Hr] 71] 0.009 I	[85] 2 I	[0.000057 [H] 1] 0.0026 I	[0.77] 2.1 I	54	X	4150	1,2,3,5	13100	15100	X	131	2.11
DICHLOROBENZENE, 1,2-	95-50-1	0.09 I		[0.0571] 0.04 H		350	X	147	1,4,5,6,7	13100	15100	X	180	0.69

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DICHLOROBENZENE, P-	106-46-7	0.03 N	0.024 H	[0.229] I 0.23	0.022 N	510	X	82.9	1	13100	15000		174	0.69
DICHLOROBENZIDINE, 3,3'-	91-94-1		0.45 I		[1.19] 1.2 C	22000		3.11	4,5,6				368	0.69
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	0.2 I		[0.0571] H 0.05		360	X	280	1	13200	15000	X	-30	0.69
DICHLOROETHANE, 1,1-	75-34-3	0.1 H	0.0057 C	[0.143] 0.1 H	[0.0056] C 0.0057	52	X	5000	2	13100	15000	X	57	0.16
DICHLOROETHANE, 1,2-	107-06-2	[0.03] N 0.02	0.091 I	[0.23] [D] 0.0014 N	0.091 I	38	X	8412	1,2,3,4	13100	15000	X	83	0.69
DICHLOROETHYLENE, 1,1-	75-35-4	[0.009] I 0.05	[0.6] [I]	[0.009] [Ir] 0.057 I	[0.175] [I]	65	X	2500	1,4,5	13100	15000	X	32	0.19
DICHLOROETHYLENE, CIS-1,2-	156-59-2	0.01 [I] H		0.01 [Ir] Hr		49	X	3500	1	13100	15000	X	60	0.01
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	0.06 I	0.0075 I	[0.8571] H 0.86	[0.00165] I 0.0016	16	X	20000	1,2,3	13100	15000	X	40	4.50
DICHLOROPHENOL, 2,4-	120-83-2	0.003 I		0.003 Ir		160	X	4500	1	12900	14800		210	5.88
DICHLORVOS	62-73-7	0.0005 I	0.29 I	[0.000143] I 0.00014	[0.291] C 0.29	50		10000	2,4,5			X	[140] 234	
DICYCLOPENTADIENE	77-73-6	0.03 H		[0.000057] H 1] 0.000057		810	X	40	5	13100	15100	[X]	167	
DIELDRIN	60-57-1	0.00005 I	16 I	0.00005 Ir	[16.1] 16 I	11000		0.17	4,5,6			X	385	0.12
DIMETHOATE	60-51-5	0.0002 I		0.0002 Ir		110		25000	4				[200] 361	2.26
DIMETHYLAMINOAZOBENZENE, P-	60-11-7		4.6 C		[4.55] 4.6 C	1000		13.6	7				[200] 335	4.50
DINITROBENZENE, 1,3-	99-65-0	0.0001 I		0.0001 Ir		150		523	3,5,6,7				[300] 291	0.69
DINITROPHENOL, 2,4-	51-28-5	0.002 I		0.002 Ir		0.79		5600	2,4,5,6,7				332	0.48
DINOSEB	88-85-7	0.001 I		0.001 Ir		120	X	50	5	13000	15000		223	1.03
DISULFOTON	298-04-4	0.00004 I		0.00004 Ir		1000	[X]	25	4,5,6	[13400]	[15400]	X	[133] 332	6.02
DIURON	330-54-1	0.002 I		0.002 Ir		300		42	2,4,5				354	
ENDOSULFAN	115-29-7	0.006 I		0.006 Ir		2,000		0.48	4				[106] 401	2.78
ENDOSULFAN I (ALPHA)	959-98-8	0.006 S		0.006 Sr		2000		0.5	6				[200] 401	
ENDOSULFAN SULFATE	1031-07-8	0.006 S		0.006 Sr		2300	X	0.117	7,9	13200	15300		[200] 409	

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ENDOTHALL	145-73-3	0.02 I		0.02 Ir		120		100000	2				[200] 350	
EPICHLOROHYDRIN	106-89-8	0.002 H	0.0099 I	[0.000286] 0.00029 I	0.0042 I	35	X	65800	1,3,4	13000	14900	X	116	4.50
ETHION	563-12-2	0.0005 I		0.0005 Ir		8700		0.85	4,6,9,10			X	[200] 415	
ETHYL BENZENE	100-41-4	0.1 I		[0.286] 0.29 I		220	X	161	1,3,4	13100	15000	X	136	1.11
ETHYL METHACRYLATE	97-63-2	0.09 H		0.09 Hr		22	X	4635.5	9,10	13100	15000	X	117	
ETHYLENE THIOUREA (ETU)	96-45-7	0.00008 I	0.11 H	0.00008 Ir	0.045 C	0.23		20000	2				347	4.50
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	0.00001 I				1,200		3.1	4				215	
FENAMIPHOS	22224-92-6	0.00025 I		0.00025 Ir		300		329	2				[200] 390	
FENVALERATE (PYDRIN)	51630-58-1	0.025 I				4,400		0.085	5	[20500]	[25800]	X	300	
FLUOMETURON	2164-17-2	0.013 I				68		97.5	2,5,6,8				318	
FLUORANTHENE	206-44-0	0.04 I		0.04 Ir		49000	X	0.26	1,5,6	44700	78900		375	0.29
FLUORENE	86-73-7	0.04 I		0.04 Ir		7900	X	1.9	1	15300	18000		298	2.11
FONOFOS	944-22-9	0.002 I		0.002 Ir		1100	X	13	5,6,8	13400	15500	X	[130] 324	
FORMALDEHYDE	50-00-0	0.2 I	[0.0455] 0.046 Ir	[0.0011] 0.0028 D	[0.0455] 0.046 I	3.6	X	55000	1	13100	15100	X	-21	18.07
FORMIC ACID	64-18-6	2 H		[2] [Hr] 0.00086 N		0.54	X	1000000	2	13000	14900	X	101	18.07
FOSETYL-AL	39148-24-8	3 I				310		120000	2				464	
FURAN	110-00-9	0.001 I				130	X	10000	1	13100	15000	X	[31.36] 31	2.25
FURFURAL	98-01-1	0.003 I		[0.0143] 0.014 H		6.3	X	91000	1,2,3	13000	14900	X	162	
GLYPHOSATE	1071-83-6	0.1 I		0.1 Ir		3500		12000	1,5,6				[186] 417	
HEPTACHLOR	76-44-8	0.0005 I	4.5 I	0.0005 Ir	[4.55] 4.5 I	6800		0.18	4,6,7				310	46.84
HEPTACHLOR EPOXIDE	1024-57-3	0.000013 I	9.1 I	0.000013 Ir	9.1 I	21000		0.311	4,6,7,9				[200] 341	0.23
HEXACHLOROBENZENE	118-74-1	0.0008 I	1.6 I	0.0008 Ir	[1.61] 1.6 I	3800		0.006	1,4,5				319	0.06
HEXACHLOROETHANE	67-72-1	0.001 I	0.014 I	0.001 Ir	0.014 I	2200	X	50	1	13000	15000		187	0.69
HEXANE	110-54-3	0.06 H		[0.0571] 0.057 I		3600	X	9.5	1,5,6	13100	15000	X	69	
HEXYTHIAZOX (SAVEY)	78587-05-0	0.025 I				6,500		0.5	2				539	

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Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference <sup>1</sup>	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr <sup>-1</sup> )
HYDROQUINONE	123-31-9	0.04 H	<u>0.056</u> N	0.04 Hr	<u>0.056</u> Nr	10		70000	2,3,5				285	18.07
IPRODIONE	36734-19-7	0.04 I				1,100		13	2				<u>545</u>	
KEPONE	143-50-0	<u>[0.0005]</u> [D] <u>0.0002</u> N	<u>[16]</u> g [C] N	<u>0.0002</u> Nr	<u>[16.1]</u> g [C] Nr	55000		7.6	4				350	0.17
MALATHION	121-75-5	0.02 I		0.02 Ir		1300	[X]	143	4	[14000]	[16300]	X	[157] <u>351</u>	2.46
MANEB	12427-38-2	0.005 I				1		23	9,13				<u>351</u>	
MERPHOS OXIDE	78-48-8	0.00003 I				53,000	X	2.3	8,10,12	13100	15100	X	[150] <u>392</u>	
METHAMIDOPHOS	10265-92-6	0.00005 I				5		2000000	5				<u>223</u>	
METHOMYL	16752-77-5	0.025 I		0.025 Ir		20		58000	2				[144] <u>228</u>	
METHOXYCHLOR	72-43-5	0.005 I		0.005 Ir		63000	X	0.045	4,5,6	<u>59500</u>	<u>133200</u>		346	0.69
METHOXYETHANOL, 2-	109-86-4	0.001 H		<u>[0.00571]</u> I <u>0.0057</u>			X	1000000	2	13100	15000	X	[124.3] <u>124</u>	4.50
METHYL ACETATE	79-20-9	1 H				30	X	243500	4,5,6	13100	15100	X	[56.9] <u>57</u>	
METHYL CHLORIDE	74-87-3	0.004 M	0.013 H	<u>[0.029]</u> [D] <u>0.03</u> I	0.0063 H	6	X	6180	1,2,3,4	13200	15000	X	-24	4.50
METHYL ETHYL KETONE	78-93-3	0.6 I		<u>[0.286]</u> <u>1.4</u> I		32	X	275000	1,2,3,4,5	13100	15100	X	80	2.57
METHYL ISOBUTYL KETONE	108-10-1	0.08 H		<u>[0.023]</u> H <u>0.86</u>		17	X	19550	1,2,4,5	13100	15100	X	117	18.07
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	<u>0.04</u> N		<u>0.0014</u> N		<u>54</u>	X	<u>17500</u>	1	<u>13100</u>	<u>15100</u>	X	<u>128</u>	
METHYL METHACRYLATE	80-62-6	1.4 I		0.2 I		10	X	15600	1	13100	15100	X	100	4.5045
METHYL METHANESULFONATE	66-27-3		0.099 C		<u>[0.098]</u> C <u>0.099</u>	5.2		200000	2			X	203	
METHYL PARATHION	298-00-0	0.00025 I		0.00025 Ir		790	[X]	25	4,5,6	[13500]	[15600]	X	[133] <u>348</u>	3.61
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	0.006 H		<u>[0.011]</u> H <u>0.01</u>		2,200	X	89	9	<u>13100</u>	<u>15000</u>	X	<u>163</u>	
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	<u>[0.857]</u> Ir <u>0.86</u>	0.0018 C	<u>[0.857]</u> I <u>0.86</u>	<u>[0.0018]</u> C <u>0.00091</u>	12	X	45000	1,2,4,6	13100	15100	X	55	0.693
METHYLCHLOROPHENOXYACETIC ACID (MCPA)	94-74-6	<u>0.0005</u> I		<u>0.0005</u> Ir		<u>112</u>		<u>1000</u>	<u>5,6,8,9</u>				<u>379</u>	<u>1.39</u>
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	0.0007 H	0.13 H	0.0007 Hr	0.13 H	3,000		13.9	10					
METHYLNAPHTHALENE, 2-	91-57-6	<u>[0.02]</u> [S] <u>0.004</u> I		0.00086 S		16000	X	25	1	13300	<u>15400</u>	[X]	241	

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METHYLSTYRENE, ALPHA	98-83-9	0.07 H				660	X	560	9	13100	15100	X	165.4	
NAPHTHALENE	91-20-3	0.02 I		0.00086 I		950	X	30	3	13000	14900		218	0.98
NAPROPAMIDE	15299-99-7	0.1 I				880		70	2				399	
NITROANILINE, M-	99-09-2	[0.00005 71] [S] N 0.0003 N	0.02 N	[0.000057 1] [S] 0.0003 N	0.02 Nr	18		100	3				306	
NITROANILINE, O-	88-74-4	[0.00005 [Hr] 71] 0.003 N		[0.000057 1] H 0.000057		27	X	1200	6	13000	14900		284	
NITROANILINE, P-	100-01-6	[0.00005 [S] 71] 0.003 N	0.02 N	[0.000057 [S] 1] 0.001 N	0.02 Nr	15		800	2				332	
NITROBENZENE	98-95-3	0.0005 I		0.0006 H		130	X	2000	2	13000	14900	X	211	0.64
NITROPHENOL, 2-	88-75-5	0.008 S		0.008 S		37	X	2100	1,2,3,4,5,6	13000	14900		215	9.01
NITROPROPANE, 2-	79-46-9	[0.00571] Ir 0.0057	9.4 Hr	[0.00571] I 0.0057	9.4 H	20	X	16700	1,3,4,5	13000	14900	X	120	0.69
NITROSODIETHYLAMINE, N-	55-18-5		150 I		[151] 150 I	26	X	93000	10	13000	14900	X	176	0.69
NITROSODIMETHYLAMINE, N-	62-75-9	0.000008 N	51 I	0.000008 Nr	49 I	8.5	X	1000000	2	13000	14900	X	154	0.69
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3		5.4 I		5.6 I	450	X	1200	0,13	13000	14900	X	235	0.69
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0.095 D	7 I	0.095 Dr	7 C	11	X	9900	6	13000	14900	X	206	0.69
NITROSODIPHENYLAMINE, N-	86-30-6	0.02 N	0.0049 I	0.02 N	[0.0091] 0.009 C	580	X	35	1	13300	15400		269	3.72
OXAMYL (VYDATE)	23135-22-0	0.025 I		0.025 Ir		7.1		280000	2				[101] 334	
PCB-1016 (AROCLOR)	12674-11-2	0.00007 I	[0.09] 2 [N] I	0.00007 Ir	[0.09] 2 [Nr] I	110000	X	0.25	5	25800	34800	X	[340] 325	
PCB-1221 (AROCLOR)	11104-28-2		[0.5] 0.07 [S] I		[0.5] 0.07 [S] I	1900		0.59	5			X	[340] 275	
PCB-1232 (AROCLOR)	11141-16-5		[0.5] 2 [S] I		[0.5] 2 [S] I	1500		1.45	7			X	[340] 290	
PCB-1242 (AROCLOR)	53469-21-9		[0.5] 2 [N] I		[0.5] 2 [Nr] I	48000		0.1	5			X	[340]	

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PCB-1248 (AROCLOR)	12672-29-6		[1.8] $\frac{2}{1}$ [S]		[1.8] $\frac{2}{1}$ [S]	190000		0.054	7,9,11			X	340	
PCB-1254 (AROCLOR)	11097-69-1	0.00002 I	[1.8] $\frac{2}{1}$ [N]	0.00002 Ir	[1.8] $\frac{2}{1}$ [Nr]	810000		0.057	5			X	340	
PCB-1260 (AROCLOR)	11096-82-5		[0.6] $\frac{2}{1}$ [N]		[0.6] $\frac{2}{1}$ [Nr]	1800000		0.08	5				385	
PEBULATE	1114-71-2	0.05 H				630	X	92	5	13000	14900	X	[142] 303	
PHENACETIN	62-44-2		0.0022 C		0.0022 C	110	X	763	2,3,9	12900	14800		[200] 341	4.50
PHENANTHRENE	85-01-8	0.3 S		0.3 Sr		38000	X	1.1	1,4,5	27800	38600		341	0.63
PHENOL	108-95-2	[0.6] $\frac{0.3}{1}$ I		[0.6] $\frac{0.3}{1}$ Ir		22	X	84300	1,2,3,4	13000	14900	[X]	182	36.14
PHENYL MERCAPTAN	108-98-5	0.00001 H		0.00001 Hr		562	X	653	5,9	13000	15000	X	170	
PHENYLPHENOL, 2-	90-43-7		[0.00194] $\frac{0.0019}{1}$ H			5,700		700	5				280	18.07
PHTHALIC ANHYDRIDE	85-44-9	2 I		[0.0343] $\frac{0.034}{1}$ H		79		6170	2				285	13490.40
PICLORAM	1918-02-1	0.07 I				15		430	2				373	
POLYCHLORINATED BIPHENYLS (AROCLORS) (PCBS)	1336-36-3		2 I		2 I			0.0505	10,13				360	
PROPANIL	709-98-8	0.005 I				160		225	2				355	
PROPHAM	122-42-9	0.02 I				51		250	5				257	
PROPYLBENZENE, N-	103-65-1	0.04 N				720	X	52	6	13100	15100	X	159.2	
PROPYLENE OXIDE	75-56-9	[0.00857] $\frac{0.0086}{1}$ Ir	0.24 I	[0.00857] $\frac{0.0086}{1}$ I	0.013 I	25	X	405000	1	13100	15000	X	34	
PYRENE	129-00-0	0.03 I		0.03 Ir		68000	X	0.132	1	50400	97400		393	0.07
QUINOLINE	91-22-5		[12] $\frac{3}{1}$ [H]			1,300		60000	1,3,5		[14900]	X	237.7	12.65
RONNEL	299-84-3	0.05 H				580		40	2				[151] 349	
SIMAZINE	122-34-9	0.005 I	0.12 H	0.005 Ir	0.12 Hr	110		5	5				225	
STYRENE	100-42-5	0.2 I		[0.286] $\frac{0.29}{1}$ I		910	X	300	5	13100	15100	X	145	1.20
TEBUTHIURON	34014-18-1	0.07 I				620		2500	2				394	

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TERBACIL	5902-51-2	0.013 I				53		710	2				396	
TERBUFOS	13071-79-9	0.000025 H		0.000025 Hr		510	[X]	5	6	[13000]	[15000]	X	[69] 332	
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8-(TCDD)	1746-01-6	0.00000001 D	150000 H		150000 H	4300000	X	0.0000193	6	411200	52300000000		412	0.21
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	0.03 I	0.026 I	0.03 Ir	[0.0259] 0.026 I	980	X	1100	1	13000	14600	X	130.5	3.79
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.06 N	0.2 I	0.06 Nr	[0.203] 0.2 I	79	X	2860	2	13100	15100	X	147	0.56
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	0.03 I		0.03 Ir		6200		183	6				[150] 288	0.69
TETRAETHYL LEAD	78-00-2	0.0000001 I		0.0000001 Ir		4900		0.8	5			X	[200] 202	4.50
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	0.0005 I		0.0005 Ir		550	X	25	2	13000	14900	X	[136] 349	
TETRAHYDROFURAN	109-99-9	0.2 N	0.0076 N	0.09 N	0.0068 N	43	X	300000	1.6,7	13100	15100	X	66	
THIOFANOX	39196-18-4	0.0003 H				0.022		5200	9				280	
THIRAM	137-26-8	0.005 I		0.005 Ir		1000		30	4				[200] 339	
TOLUENE	108-88-3	0.2 I		[0.114] 0.11 I		130	X	532.4	1,2,3,4	13100	15000	X	111	9.01
TOLUIDINE, M-	108-44-1		0.24 S		0.24 Sr	140	X	15030	6	12900	14800	X	203	
TOLUIDINE, O-	95-53-4		0.24 H		0.24 Hr	410	X	15000	1,3,5	13000	15000	X	200	18.07
TOXAPHENE	8001-35-2	0.001 D	1.1 I	0.001 Dr	[1.12] 1.1 I	1500		3	2,4,5				432	
TRIALATE	2303-17-5	0.013 I				2,000		4	5				[117] 343	
TRIBROMOMETHANE (BROMOFORM)	75-25-2	0.02 I	0.0079 I	0.02 Ir	[0.00385] 0.0039 I	130	X	3050	1,2,3,4	13100	15100	X	149	0.69
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	30 I		[8.57] 8.6 H		1,200	X	170	1	13100	15000	X	47.7	0.35
TRICHLOROBENZENE, 1,2,4-	120-82-1	0.01 I	0.0036 C	[0.0571] 0.057 H		1500	X	44.4	1,4,6,7	13000	14900	X	213	0.69
TRICHLOROBENZENE, 1,3,5-	108-70-3	0.006 M		[0.0571] 0.057 S		3100	X	5.8	5	13000	14900		208	
TRICHLOROPHENOL, 2,4,6-	88-06-2	0.0003 M	0.011 I	0.0003 Mr	[0.01085] 0.011 I	1100		850	1,2,4,5				246	0.14
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1	0.008 I		0.008 Ir		1700		140	2				[200] 353	
TRICHLOROPROPANE, 1,1,2-	598-77-6	0.005 I				24	X	2700	14	13100	15000	X	117	
TRICHLOROPROPANE, 1,2,3-	96-18-4	0.006 I	7 H	0.0014 N	7 Hr	280	X	1896	1,4,6	13100	15100	X	157	0.35

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TRICHLOROPROPENE, 1,2,3-	96-19-5	0.005 H		<u>0.0003</u> N		190	X	2700	14	13100	15000	X	142	
TRIETHYLAMINE	<u>121-44-8</u>			<u>0.002</u> I		51	X	55000	1,4	13100	15100	X	90	
TRIFLURALIN	1582-09-8	0.0075 I	0.0077 I	0.0075 Ir	0.0077 Ir	720		4	2,5,6,7				[139] 382	
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	0.05 N		0.0017 N		2,200	X	56	1	13100	15000	X	169	4.50
TRIMETHYLBENZENE, 1,3,5-	108-67-8	0.05 N		0.0017 N		660	X	48.9	1	13100	15100	X	[164.7] 165	
TRINITROGLYCEROL (NITROGLYCERIN)	<u>55-63-0</u>		<u>0.014</u> N		<u>0.014</u> Nr		X	1800	2,3,5	13000	15000	X	190	18.07
VINYL ACETATE	108-05-4	1 [I] H		[0.0571] I 0.057		2.8	X	20000	1	13200	15000	X	73	
VINYL BROMIDE (BROMOETHENE)	593-60-2	[0.000857] Ir <u>0.00086</u>	0.11 Hr	[0.000857] I <u>0.00086</u>	0.11 H	150	X	4180	12	13100	15000	X	[15.8] 16	0.09
XYLENES (TOTAL)	1330-20-7	[2] <u>0.2</u> I		[0.12] [D] <u>0.029</u> I		350	X	175	13	13100	15000	X	140	0.69
ZINEB	12122-67-7	0.05 I				19		10	4				474	

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