

DRAFT - FOR CSSAB DISCUSSION PURPOSES ONLY

Appendix A

Table 5 - Physical and Toxicological Properties

A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
ACENAPHTHENE	83-32-9	0.06 I				4900	X	3.8	1,5,6	17220	20833		279	1.24
ACENAPHTHYLENE	208-96-8	0.06 S				4500	X	16.1	5,6,7	16493	19776		280	2.11
ACEPHATE	30560-19-1	0.0012 O	0.0087 I			3		818000	6				340	
ACETALDEHYDE	75-07-0		0.01 C	0.009 I	0.0000022 I	4.1	X	1000000	1	13010	14945	X	20	
ACETONE	67-64-1	0.9 I		31 D		0.31	X	1000000	1	13007	14942	X	56	18.07
ACETONITRILE	75-05-8			0.06 I		0.5	X	1000000	1	13020	14958	X	82	4.50
ACETOPHENONE	98-86-2	0.1 I				170		5500	1			X	203	
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3		3.8 C		0.0013 C	1600		10.13	7				303	0.69
ACROLEIN	107-02-8	0.0005 I		0.00002 I		0.56	X	208000	1,2,4	13012	14948	X	53	4.50
ACRYLAMIDE	79-06-1	0.002 I	0.5 I	0.006 I	0.0001 I	25	X	2151000	4	12981	14906		193	
ACRYLIC ACID	79-10-7	0.5 I		0.001 I		29	X	1000000	2	12978	14902	X	141	1.39
ACRYLONITRILE	107-13-1	0.04 D	0.54 I	0.002 I	0.000068 I	11	X	73500	1	13004	14939	X	77	5.50
ALACHLOR	15972-60-8	0.01 I	0.056 C			110		140	2				378	
ALDICARB	116-06-3	0.001 I				22		6000	2				287	0.40
ALDICARB SULFONE	1646-88-4	0.001 I				10		8000	5				317	
ALDICARB SULFOXIDE	1646-87-3	0.001 M				0.22		330000	5				307	
ALDRIN	309-00-2	0.00003 I	17 I		0.0049 I	48000		0.02	4,5,6				330	0.22
ALLYL ALCOHOL	107-18-6	0.005 I		0.0001 X		3.2	X	1000000	2	13003	14937	X	97	18.07
AMETRYN	834-12-8	0.009 I				389		185	5				345	
AMINOBIHENYL, 4-	92-67-1		21 C		0.006 C	110		1200	5				302	18.07
AMITROLE	61-82-5		0.94 C		0.00027 C	120		280000	4				258	0.69
AMMONIA	7664-41-7	0.85 H		0.5 I		3	X	310000	2,5,7	13098	15059	X	-33	
AMMONIUM SULFAMATE	7773-06-0	0.2 I				3		2160000	10				603	
ANILINE	62-53-3	0.007 P	0.0057 I	0.001 I	0.0000016 C	190	X	33800	1	12959	14876	X	184	
ANTHRACENE	120-12-7	0.3 I				21000	X	0.066	1,5,6,7,8,9	30838	44562		340	0.28
ATRAZINE	1912-24-9	0.035 I	0.23 C			130		70	2,4,5				313	
AZINPHOS-METHYL (GUTHION)	86-50-0	0.003 D		0.01 D		407.4		31.5	1, 2				421	
BAYGON (PROPOXUR)	114-26-1	0.004 I				31		2000	2,4,5				decomp.	4.50
BENOMYL	17804-35-2	0.05 I	0.0024 O			1,900		2	5				520	
BENTAZON	25057-89-0	0.03 I				13		500	2				415	
BENZENE	71-43-2	0.004 I	0.055 I	0.03 I	0.0000078 I	58	X	1780.5	1,2,3,4	13053	15000	X	81	0.35
BENZIDINE	92-87-5	0.003 I	230 I		0.067 I	530,000		520	1,2,4				400	15.81
BENZO[A]ANTHRACENE	56-55-3		0.7 X		0.00011 C	350000		0.011	1,5,6				438	0.19
BENZO[A]PYRENE	50-32-8	0.0003 I	1 I	0.000002 I	0.0006 I	910000		0.0038	1,5,6				495	0.24
BENZO[B]FLUORANTHENE	205-99-2		1.2 C		0.00011 C	550000		0.0012	5,6,7				357	0.21
BENZO[GH]PERYLENE	191-24-2	0.06 S				2800000		0.00026	1,5,6				500	0.19
BENZO[K]FLUORANTHENE	207-08-9		1.2 C		0.00011 C	4400000		0.00055	5,6,7				480	0.06
BENZOIC ACID	65-85-0	4 I				32	X	2700	2,3,4,5	12985	14913		249	
BENZOTRICHLORIDE	98-07-7		13 I			920	X	53	1,5,13	13494	15606	X	221	121413.60
BENZYL ALCOHOL	100-51-6	0.1 P				100		40000	1,2,3			X	205	
BENZYL CHLORIDE	100-44-7	0.002 P	0.17 I	0.001 P	0.000049 C	190	X	493	1	12940	14846	X	179	20.90
BETA PROPIOLACTONE	57-57-8		14 C		0.004 C	4	X	370000	2	13008	14937	X	162	0.01
BHC, ALPHA	319-84-6	0.008 D	6.3 I		0.0018 I	1800		1.7	4,5,6,7				288	0.94
BHC, BETA-	319-85-7		1.8 I		0.00053 I	2300		0.1	6				304	1.02
BHC, GAMMA (LINDANE)	58-89-9	0.0003 I	1.1 C		0.00031 C	1400		7.3	4,5,6				323	1.05
BIPHENYL, 1,1-	92-52-4	0.05 I	0.008 I	0.0004 X		1,700	X	7.2	1	14027	16325		255	18.07
BIS(2-CHLOROETHOXY)METHANE	111-91-1	0.003 P				61		100500	4,6,7,9,10,11			X	218	
BIS(2-CHLOROETHYL)ETHER	111-44-4		1.1 I		0.00033 I	76	X	10200	1,4,5	12942	14849	X	179	0.69
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	0.04 I	0.07 H		0.00001 H	62	X	1700	5	12947	14856	X	189	0.69
BIS(CHLOROMETHYL)ETHER	542-88-1		220 I		0.062 I	16	X	22000	6	12992	14922	X	105	57270.57
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	0.02 I	0.014 I		0.0000024 C	87000		0.285	4,5,6			X	384	0.65
BISPHENOL A	80-05-7	0.05 I				1,500		120	4				220	0.69

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A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
BROMACIL	314-40-9	0.1 M				58		815	2				421	
BROMOBENZENE	108-86-1	0.008 I		0.06 I		268	X	445	1,2	12954	14866	X	156.1	
BROMOCHLOROMETHANE	74-97-5	0.01 M		0.04 X		27	X	16700	4	13007	14942	X	68	
BROMODICHLOROMETHANE	75-27-4	0.02 I	0.062 I		0.000037 C	93	X	4500	6	12984	14910	X	87	
BROMOMETHANE	74-83-9	0.0014 I		0.005 I		170	X	17500	2	13039	14981	X	4	6.66
BROMOXYNIL	1689-84-5	0.015 O	0.103 O			300		130	2				329	
BROMOXYNIL OCTANOATE	1689-99-2	0.015 O	0.103 O			18,000		0.08	12				414	5.75
BUTADIENE, 1,3-	106-99-0		0.6 C	0.002 I	0.00003 I	120	X	735	1	13115	15041	X	-4.5	4.50
BUTYL ALCOHOL, N-	71-36-3	0.1 I				3.2	X	74000	1	12998	14930	X	118	4.68
BUTYLATE	2008-41-5	0.05 I				540	X	45	2	13430	15519	X	138	
BUTYLBENZENE, N-	104-51-8	0.05 P				2,500	X	15	1,6,7	12943	14851	X	183	
BUTYLBENZENE, SEC-	135-98-8	0.1 X				890	X	17	1,6,7	12983	14910	X	174	
BUTYLBENZENE, TERT-	98-06-6	0.1 X				680	X	30	1,6,7	12979	14904	X	169	
BUTYLBENZYL PHTHALATE	85-68-7	0.2 I	0.0019 P			34000		2.69	4,5,6			X	370	1.39
CAPTAN	133-06-2	0.13 I	0.0023 C		0.00000066 C	200		0.5	4				259	589.39
CARBARYL	63-25-2	0.1 I				190		120	2,4,5				315	4.22
CARBAZOLE	86-74-8		0.02 H			2,500		1.2	1,5,6				355	
CARBOFURAN	1563-66-2	0.005 I				43		700	2				311	
CARBON DISULFIDE	75-15-0	0.1 I		0.7 I		300	X	2100	1,2,3	13022	14961	X	46	
CARBON TETRACHLORIDE	56-23-5	0.004 I	0.07 I	0.1 I	0.000006 I	160	X	795	1,2,3	13117	15083	X	77	0.07
CARBOXIN	5234-68-4	0.1 I				260		170	5,6,8				407	
CHLORAMBEN	133-90-4	0.015 I				20		700	2				210	
CHLORDANE	57-74-9	0.0005 I	0.35 I	0.0007 I	0.0001 I	98000		0.056	4,5,7				351	0.09
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3			50 I		22	X	1400	4	13117	15041	X	-9	
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1		0.021 C	0.001 I	0.000006 C	48	X	3300	1,3,5,7,10	13142	15116	X	45	18.07
CHLOROACETALDEHYDE	107-20-0		0.27 X			3.2	X	1000000	9	13004	14938	X	85	
CHLOROACETOPHENONE, 2-	532-27-4			0.00003 I		76		1100	3				247	4.50
CHLOROANILINE, P-	106-47-8	0.004 I	0.2 P			460	X	3900	1	13139	15127		232	
CHLOROBENZENE	108-90-7	0.02 I		0.05 P		200	X	490	3	12992	14922	X	132	0.84
CHLOROBENZILATE	510-15-6	0.02 I	0.11 C		0.000031 C	2600		13	4				415	3.60
CHLOROBUTANE, 1-	109-69-3	0.04 P				580	X	680	1,2,3,4	13007	14942	X	79	
CHLORODIBROMOMETHANE	124-48-1	0.02 I	0.084 I			83	X	4200	4,6,7,9	12973	14895	X	116	1.39
CHLORODIFLUOROMETHANE	75-45-6			50 I		59	X	2899	4	13141	15113	X	-41	
CHLOROETHANE	75-00-3	0.4 N	0.0029 N	10 I		42	X	5700	1	13101	15038	X	12	4.50
CHLOROFORM	67-66-3	0.01 I	0.031 C	0.098 D	0.000023 I	56	X	8000	1,2,3	13044	14988	X	61	0.01
CHLORONAPHTHALENE, 2-	91-58-7	0.08 I				8500	X	11.7	1	19021	23532		256	
CHLORONITROBENZENE, P-	100-00-5	0.0007 P	0.06 P	0.002 P		480	X	220	1	13190	15196		242	
CHLOROPHENOL, 2-	95-57-8	0.005 I				400	X	24000	1,3,4	13053	15009	X	175	
CHLOROPRENE	126-99-8	0.02 H		0.02 I	0.0003 I	50	X	1736	9	13116	15075	X	59	0.69
CHLOROPROPANE, 2-	75-29-6			0.1001 H		260	X	3100	1,3,5	13055	15002	X	47	
CHLOROTHALONIL	1897-45-6	0.015 I	0.0031 C		0.00000089 C	980		0.6	2				350	
CHLOROTOLUENE, O-	95-49-8	0.02 I				760	X	422	1,4,5	12941	14848	X	159	
CHLOROTOLUENE, P-	106-43-4	0.02 X				375	X	106	12	12961	14877	X	162	
CHLORPYRIFOS	2921-88-2	0.001 D				4600		1.12	2,4,6,7				377	
CHLORSULFURON	64902-72-3	0.02 O				11		192	2,5,6,8,9				531	
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	0.01 I				6,500		0.5	2,5,7				360	1.37
CHRYSENE	218-01-9		0.12 C		0.000011 C	490000		0.0019	1				448	0.13
CRESOL(S)	1319-77-3	0.1 D		0.6 C		25	X	20000	2	12976	14899	X	139	5.16
CRESOL, DINITRO-O-, 4,6-	534-52-1	0.00008 X				257	X	150	4	13025	14970		312	6.02
CRESOL, O- (METHYLPHENOL, 2-)	95-48-7	0.05 I				22	X	2500	3,5,6	12974	14896		191	18.07
CRESOL, M (METHYLPHENOL, 3-)	108-39-4	0.05 I				35		2500	2			X	202	5.16
CRESOL, P (METHYLPHENOL, 4-)	106-44-5	0.005 H				49		22000	6				202	9.03

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CRESOL, P-CHLORO-M-	59-50-7	0.1 X				780		3846	2				235	
CROTONALDEHYDE	4170-30-3	0.001 S	1.9 S			5.6	X	180000	3	12998	14931	X	104	18.07
CROTONALDEHYDE, TRANS-	123-73-9	0.001 P	1.9 H			6.1	X	156000	1	13006	14940	X	104	18.07
CUMENE (ISOPROPYL BENZENE)	98-82-8	0.1 I		0.4 I		2800	X	50	1,5,6	12940	14846	X	152	15.81
CYANAZINE	21725-46-2	0.002 H	0.84 H			199		171	2,5				369	
CYCLOHEXANE	110-82-7			6 I		479	X	55	1,2,4,5,6	13140	15112	X	81	
CYCLOHEXANONE	108-94-1	5 I		0.7 P		66	X	36500	1,2,4,5	12949	14858	X	157	
CYFLUTHRIN	68359-37-5	0.025 I				130,000		0.001	2				448	
CYROMAZINE	66215-27-8	0.015 O				1,200		11000	12				222	
DDD, 4,4'-	72-54-8		0.24 I		0.000069 C	44000		0.16	5,6,7				350	0.02
DDE, 4,4'-	72-55-9		0.34 I		0.000097 C	87000		0.04	5				348	0.02
DDT, 4,4'-	50-29-3	0.0005 I	0.34 I		0.000097 I	240000		0.0055	5,6,7				260	0.02
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	0.6 I	0.0012 I			47,000,000		200	5			X	214	4.50
DIALATE	2303-16-4		0.061 H			190		40	2,4,6,8			X	328	1.39
DIAMINOTOLUENE, 2,4-	95-80-7		4 C		0.0011 C	36		7470	4				292	0.69
DIAZINON	333-41-5	0.0007 D				500		50	2,4,6,8			X	306	
DIBENZO[A,H]ANTHRACENE	53-70-3		4.1 C		0.0012 C	1800000		0.0006	1,5,6				524	0.13
DIBENZOFURAN	132-64-9	0.001 X				10233	X	4.48	1,6,7,9	23885	31445		287	7.23
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.0002 P	0.8 P	0.0002 I	0.006 P	140	X	1000	4	12946	14856	X	196	0.69
DIBROMOBENZENE, 1,4-	106-37-6	0.01 I				1,600		20	1				220	
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	0.009 I	2 I	0.009 I	0.0006 I	54	X	4150	1,2,3,5	12972	14893	X	131	2.11
DIBROMOMETHANE	74-95-3	0.01 H		0.004 X		110	X	11400	1	12948	14858	X	96	4.50
DIBUTYL PHTHALATE, N-	84-74-2	0.1 I				1600		400	1,2,3			X	340	11.00
DICAMBA	1918-00-9	0.03 I				0.27		5600	4,5,6,8,10				329	
DICHLOROACETIC ACID	76-43-6	0.004 I	0.05 I			8.1	X	1000000	1	12994	14924	X	194	
DICHLORO-2-BUTENE, 1,4-	764-41-0				0.0042 P	180	X	850	9	12943	14851	X	156	
DICHLORO-2-BUTENE, TRANS-1,4-	110-57-6				0.0042 P	215	X	850	9	12940	14847	X	155	
DICHLOROBENZENE, 1,2-	95-50-1	0.09 I		0.2 H		350	X	147	1,4,5,6,7	12946	14855	X	180	0.69
DICHLOROBENZENE, 1,3-	541-73-1	0.09 M				360	X	106	1	12942	14849	X	173	0.69
DICHLOROBENZENE, P-	106-46-7	0.07 D	0.0054 C	0.8 I	0.000011 C	510	X	82.9	1	12943	14850		174	0.69
DICHLOROBENZIDINE, 3,3'-	91-94-1		0.45 I		0.00034 C	22000		3.11	4,5,6				368	0.69
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	0.2 I		0.1 X		360	X	280	1	13115	15041	X	-30	0.69
DICHLOROETHANE, 1,1-	75-34-3	0.2 P	0.0057 C	0.5 H	0.0000016 C	52	X	5000	2	13051	14998	X	57	0.16
DICHLOROETHANE, 1,2-	107-06-2	0.006 X	0.091 I	0.007 P	0.000026 I	38	X	8412	1,2,3,4	13010	14945	X	83	0.07
DICHLOROETHYLENE, 1,1-	75-35-4	0.05 I		0.2 I		65	X	2500	1,4,5	13145	15119	X	32	0.19
DICHLOROETHYLENE, CIS-1,2-	156-59-2	0.002 I				49	X	3500	1	13037	14979	X	60	0.01
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	0.02 I		0.06 P		47	X	6300	1	13053	15000	X	48	0.01
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	0.006 I	0.002 I	0.6 I	0.00000001 I	16	X	20000	1,2,3	13071	15023	X	40	4.50
DICHLOROPHENOL, 2,4-	120-83-2	0.003 I				160		4500	1				210	5.88
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	0.01 I				59		677	4,5,6,7,10				215	1.39
DICHLOROPROPANE, 1,2-	78-87-5	0.09 D	0.037 P	0.004 I	0.00001 C	47	X	2700	1,3,4	13016	14954	X	96	0.10
DICHLOROPROPENE, 1,3-	542-75-6	0.03 I	0.1 I	0.02 I	0.000004 I	27	X	2700	6	13038	14981	X	108	22.38
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	0.03 I				62	X	500000	5	12949	14860	X	190	2.11
DICHLORVOS	62-73-7	0.0005 I	0.29 I	0.0005 I	0.000083 C	50		10000	2,4,5			X	234	
DICYCLOPENTADIENE	77-73-6	0.008 P		0.0003 X		810	X	40	5	12957	14870		167	
DIELDRIN	60-57-1	0.00005 I	16 I		0.0046 I	11000		0.17	4,5,6				385	0.12
DIETHANOLAMINE	111-42-2	0.002 P		0.0002 P		4		1000000	2,3,9			X	269	
DIETHYL PHTHALATE	84-66-2	0.8 I				81		1080	4,5,6			X	298	2.25
DIFLUBENZURON	35367-38-5	0.02 I				1,000		0.2	2				201	
DIISOPROPYL METHYLPHOSPHONATE	1445-75-6	0.08 I				10	X	160000	9	12978	14903	X	190	
DIMETHOATE	60-51-5	0.0022 O				110		25000	4				361	2.26
DIMETHOXYBENZIDINE, 3,3-	119-90-4		1.6 P			1,300		60	9				331	0.69

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Appendix A

Table 5 - Physical and Toxicological Properties

A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
DIMETHRIN	70-38-2	0.3 M				27,000		0.036	13				353	
DIMETHYLAMINOAZOBENZENE, P-	60-11-7		4.6 C		0.0013 C	1000		13.6	7				335	4.50
DIMETHYLANILINE, N,N-	121-69-7	0.002 I	0.027 P			180	X	1200	5,6,7,9	12944	14852	X	192	0.69
DIMETHYLBENZIDINE, 3,3-	119-93-7		11 P			22,000		1300	10				300	18.07
DIMETHYL METHYLPHOSPHONATE	756-79-6	0.06 P	0.0017 P			5	X	1000000	14	12998	14930	X	181	
DIMETHYLPHENOL, 2,4-	105-67-9	0.02 I				130		7869	1,4,6,7			X	211	18.07
DINITROBENZENE, 1,3-	99-65-0	0.0001 I				150		523	3,5,6,7				291	0.69
DINITROPHENOL, 2,4-	51-28-5	0.002 I				0.79		5600	2,4,5,6,7				332	0.48
DINITROTOLUENE, 2,4-	121-14-2	0.002 I	0.31 C		0.000089 C	51		270	4,5,6				300	0.69
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	0.0003 X	1.5 P			74		200	6				300	0.69
DINOSEB	88-85-7	0.001 I				120		50	5				223	1.03
DIOXANE, 1,4-	123-91-1	0.03 I	0.1 I	0.03 I	0.000005 I	7.8	X	1000000	5	12996	14928	X	101	0.69
DIPHENAMID	957-51-7	0.03 I				200		260	5				210	
DIPHENYLAMINE	122-39-4	0.1 O				190		300	3				302	4.50
DIPHENYLHYDRAZINE, 1,2-	122-66-7		0.8 I		0.00022 I	660	X	0.252	6	13375	15446		309	0.69
DIQUAT	85-00-7	0.0022 I				2.6		700000	5				355	
DISULFOTON	298-04-4	0.00004 I				1000		25	4,5,6			X	332	6.02
DITHIANE, 1,4-	505-29-3	0.01 I				22.7	X	3000	15	12976	14899		199	
DIURON	330-54-1	0.002 I				300		42	2,4,5				354	
ENDOSULFAN	115-29-7	0.006 I				2,000		0.48	4				401	2.78
ENDOSULFAN I (ALPHA)	959-98-8	0.006 S				2000		0.5	6				401	
ENDOSULFAN II (BETA)	33213-65-9	0.006 S				2300		0.45	6				390	
ENDOSULFAN SULFATE	1031-07-8	0.006 S				2300		0.117	7,9				409	
ENDOTHALL	145-73-3	0.02 I				120		100000	2				350	
ENDRIN	72-20-8	0.0003 I				11000		0.23	4,6,7,9				245	
EPICHLOROHYDRIN	106-89-8	0.006 P	0.0099 I	0.001 I	0.0000012 I	35	X	65800	1,3,4	12972	14893	X	116	4.50
ETHEPHON	16672-87-0	0.005 I				2		1240000	12				201	
ETHION	563-12-2	0.0005 I				8700		0.85	4,6,9,10			X	415	
ETHOXYETHANOL, 2- (EGEE)	110-80-5	0.09 P		0.2 I		12	X	1000000	2	13100	15040	X	136	4.50
ETHYL ACETATE	141-78-6	0.9 I		0.07 P		59	X	80800	1,2,3,4,5,6	12963	14881	X	77	18.07
ETHYL ACRYLATE	140-88-5	0.005 P	0.048 H	0.008 P		110	X	15000	1,2,6	12951	14863	X	100	18.07
ETHYL BENZENE	100-41-4	0.1 I	0.011 C	1 I	0.0000025 C	220	X	161	1,3,4	13004	15000	X	136	1.11
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	0.05 O				240	X	365	2	13056	15014	X	127	
ETHYL ETHER	60-29-7	0.2 I				68	X	60400	1	12982	14908	X	35	
ETHYL METHACRYLATE	97-63-2	0.09 H		0.3 P		22	X	4635.5	9,10	12991	14921	X	117	
ETHYLENE CHLORHYDRIN	107-07-3	0.02 P				1	X	1000000	9	13006	14941	X	128	
ETHYLENE GLYCOL	107-21-1	2 I		0.4 C		4.4	X	1000000	2	13004	14938	X	198	10.54
ETHYLENE THIOUREA (ETU)	96-45-7	0.00008 I	0.045 C		0.000013 C	0.23		20000	2				347	4.50
ETHYL P-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	0.00001 I				1,200		3.1	4				215	
FENAMIPHOS	22224-92-6	0.00025 I				300		329	2				390	
FENVALERATE (PYDRIN)	51630-58-1	0.025 I				4,400		0.085	5			X	300	
FLUOMETURON	2164-17-2	0.013 I				68		97.5	2,5,6,8				318	
FLUORANTHENE	206-44-0	0.04 I				49000		0.26	1,5,6				375	0.29
FLUORENE	86-73-7	0.04 I				7900	X	1.9	1	20155	25294		298	2.11
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	0.3 I		0.7 H		130	X	1090	1,4,5,6	13107	15060	X	24	0.35
FONOFOS	944-22-9	0.002 I				1100		13	5,6,8			X	324	
FORMALDEHYDE	50-00-0	0.2 I	0.000006 C	0.0098 D	0.000013 I	3.6	X	55000	1	13046	14990	X	-21	18.07
FORMIC ACID	64-18-6	0.9 P		0.0003 X		0.54	X	1000000	2	12940	14846	X	101	18.07
FOSETYL-AL	39148-24-8	2.5 O				310		120000	2				464	
FURAN	110-00-9	0.001 I				130	X	10000	1	13019	14956	X	31	2.25
FURFURAL	98-01-1	0.003 I	0.0349 O	0.05 H		6.3	X	91000	1,2,3	12998	14930	X	162	
GLYPHOSATE	1071-83-6	0.1 I				3500		12000	1,5,6				417	

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Appendix A

Table 5 - Physical and Toxicological Properties

A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
HEPTACHLOR	76-44-8	0.0005 I	4.5 I		0.0013 I	6800		0.18	4,6,7				310	46.84
HEPTACHLOR EPOXIDE	1024-57-3	0.000013 I	9.1 I		0.0026 I	21000		0.311	4,6,7,9				341	0.23
HEXACHLOROBENZENE	118-74-1	0.0008 I	1.6 I		0.00046 I	3800		0.006	1,4,5				319	0.06
HEXACHLOROBUTADIENE	87-68-3	0.001 P	0.078 I		0.000022 I	4700		2.89	4,5,6,7			X	215	0.69
HEXACHLOROCYCLOPENTADIENE	77-47-4	0.006 I		0.0002 I		7200		1.8	5,6,7			X	239	4.50
HEXACHLOROETHANE	67-72-1	0.0007 I	0.04 I	0.03 I	0.00001 C	2200	X	50	1	14825	17421		187	0.69
HEXANE	110-54-3	0.06 H		0.7 I		3600	X	9.5	1,5,6	13105	15056	X	69	
HEXAZINONE	51235-04-2	0.033 I				41		330000	1,2				408	
HEXYTHIAZOX (SAVEY)	78587-05-0	0.025 I				6,500		0.5	2				539	
HMX	2691-41-0	0.05 I				4		5	16				436	
HYDRAZINE/HYDRAZINE SULFATE	302-01-2		3 I	0.00003 P	0.0049 I	0.0053	X	1000000	2	13026	14966	X	114	18.07
HYDROQUINONE	123-31-9	0.04 P	0.06 P			10		70000	2,3,5				285	18.07
INDENO[1,2,3-CD]PYRENE	193-39-5		1.2 C		0.00011 C	31000000		0.062	5				536	0.17
IPRODIONE	36734-19-7	0.04 I	0.0439 O			1,100		13	2				545	
ISOBUTYL ALCOHOL	78-83-1	0.3 I				60	X	81000	1,2,3,4,5	12954	14866	X	108	17.57
ISOPHORONE	78-59-1	0.2 I	0.00095 I	2 C		31		12000	2,4,5			X	215	4.5
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	0.1 I				1.84		50000	13			X	230	
KEPONE	143-50-0	0.0003 I	10 I		0.0046 C	55000		7.6	4				350	0.17
MALATHION	121-75-5	0.02 I				1300		143	4			X	351	2.46
MALEIC HYDRAZIDE	123-33-1	0.5 I				2.8		6000	4				260	
MANEB	12427-38-2	0.005 I	0.0601 O			1		23	9,13				351	
MERPPOS OXIDE	78-48-8	0.001 O				53,000		2.3	8,10,12			X	392	
METHACRYLONITRILE	126-98-7	0.0001 I		0.03 P		21	X	25700	1	12994	14925	X	90	
METHAMIDOPHOS	10265-92-6	0.00005 I				5		2000000	5				223	
METHANOL	67-56-1	2 I		20 I		2.8	X	1000000	2	13025	14964	X	65	36.14
METHOMYL	16752-77-5	0.025 I				20		58000	2				228	
METHOXYCHLOR	72-43-5	0.005 I				63000		0.045	4,5,6				346	0.69
METHOXYETHANOL, 2-	109-86-4	0.005 P		0.02 I		1	X	1000000	2	13141	15115	X	124	4.50
METHYL ACETATE	79-20-9	1 X				30	X	243500	4,5,6	12982	14908	X	57	
METHYL ACRYLATE	96-33-3	0.03 H		0.02 P		55	X	52000	1,2,5	12971	14892	X	70	18.07
METHYL CHLORIDE	74-87-3		0.013 H	0.09 I	0.0000018 H	6	X	6180	1,2,3,4	13103	15038	X	-24	4.50
METHYL ETHYL KETONE	78-93-3	0.6 I		5 I		32	X	275000	1,2,3,4,5	12974	14897	X	80	2.57
METHYL HYDRAZINE	60-34-4	0.001 P		0.00002 X	0.001 X	1	X	1000000	2	13011	14947	X	88	5.27
METHYL ISOBUTYL KETONE	108-10-1	0.08 H		3 I		17	X	19550	1,2,4,5	12983	14910	X	117	18.07
METHYL ISOCYANATE	624-83-9			0.001 C		10	X	100000	7	13021	14959	X	40	
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	0.005 I		0.03 I		54	X	17500	1	12955	14868	X	128	
METHYL METHACRYLATE	80-62-6	1.4 I		0.7 I		10	X	15600	1	13001	14934	X	100	4.50
METHYL METHANESULFONATE	66-27-3		0.099 C		0.000028 C	5.2		200000	2			X	203	
METHYL PARATHION	298-00-0	0.00025 I				790		25	4,5,6				348	3.61
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	0.006 H		0.04 H		2,200	X	89	9	12945	14853	X	163	
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4		0.0018 C	3 I	0.00000026 C	12	X	45000	1,2,4,6	13014	14950	X	55	0.69
METHYLCHLOROPHENOXYACETIC ACID (MCPA)	94-74-6	0.0005 I				112		1000	5,6,8,9				287	1.39
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	0.002 P	0.1 P		0.00043 C	3,000		13.9	10				379	
METHYLNAPHTHALENE, 2-	91-57-6	0.004 I		0.003 S		16000	X	25	1	12955	14870		241	
METHYLSTYRENE, ALPHA	98-83-9	0.07 H				660	X	560	9	12942	14850	X	165	
METOLACHLOR	51218-45-2	0.15 I				182	X	530	1,5	13035	14985	X	100	
METRIBUZIN	21087-64-9	0.025 I				95		1200	1,5				367	
MONOCHLOROACETIC ACID	79-11-8	0.002 H				0.24	X	858000	17	13008	14943		189	
NAPHTHALENE	91-20-3	0.02 I	0.12 C	0.003 I	0.000034 C	950	X	30	3	13284	15323		218	0.98
NAPHTHYLAMINE, 1-	134-32-7		1.8 C			3200	X	1690	2	15517	18386		301	0.69
NAPHTHYLAMINE, 2-	91-59-8		1.8 C			87		6.4	6				306	0.69
NAPROPAMIDE	15299-99-7	0.12 O				880		70	2				399	

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Appendix A

Table 5 - Physical and Toxicological Properties

A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
NITROANILINE, O-	88-74-4	0.01 X		0.00005 X		27	X	1200	6	12967	14886		284	
NITROANILINE, P-	100-01-6	0.004 P	0.02 P	0.006 P		15		800	2				332	
NITROBENZENE	98-95-3	0.002 I		0.009 I	0.00004 I	130	X	2000	2	12940	14847	X	211	0.64
NITROGUANIDINE	556-88-7	0.1 I				0.13		4400	9				231	
NITROPHENOL, 2-	88-75-5	0.008 S				37	X	2100	1,2,3,4,5,6	12966	14884		215	9.01
NITROPHENOL, 4-	100-02-7	0.008 M				230	X	16000	2	12960	14878		279	25.81
NITROPROPANE, 2-	79-46-9			0.02 I	0.0027 H	20	X	16700	1,3,4,5	12984	14911	X	120	0.69
NITROSODIETHYLAMINE, N-	55-18-5		150 I		0.043 I	26	X	93000	10	12974	14896	X	176	0.69
NITROSODIMETHYLAMINE, N-	62-75-9	0.000008 P	51 I	0.00004 X	0.014 I	8.5	X	1000000	2	13001	14934	X	154	0.69
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3		5.4 I		0.0016 I	450	X	1200	9,10,11	13008	14946	X	235	0.69
NITROSODI-N-PROPYLAMINE, N-	621-64-7		7 I		0.002 C	11	X	9900	6	12986	14914	X	206	0.69
NITROSODIPHENYLAMINE, N-	86-30-6		0.0049 I		0.000026 C	580	X	35	1	13148	15140		269	3.72
NITROSO-N-ETHYLUREA, N-	759-73-9		27 C		0.0077 C	2		13000	9				223	1734.48
OCTYL PHTHALATE, DI-N-	117-84-0	0.01 P				980000000		3	5			X	234	0.69
OXAMYL (VYDATE)	23135-22-0	0.025 I				7.1		280000	2				334	
PARAQUAT	1910-42-5	0.0045 I				16200		660000	6,8				352	
PARATHION	56-38-2	0.006 H				2300		20	2,4,5,6,7			X	375	
PCB-1016 (AROCLOR)	12674-11-2	0.00007 I	2 S		0.0001 S	110000	X	0.25	5	67855	174723	X	325	
PCB-1221 (AROCLOR)	11104-28-2		2 S		0.0001 S	1900	X	0.59	5	13810	16032	X	275	
PCB-1232 (AROCLOR)	11141-16-5		2 S		0.0001 S	1500		1.45	7			X	290	
PCB-1242 (AROCLOR)	53469-21-9		2 S		0.0001 S	48000		0.1	5			X	325	
PCB-1248 (AROCLOR)	12672-29-6		2 S		0.0001 S	190000		0.054	7,9,11			X	340	
PCB-1254 (AROCLOR)	11097-69-1	0.00002 I	2 S		0.0001 S	810000		0.057	5			X	365	
PCB-1260 (AROCLOR)	11096-82-5		2 S		0.0001 S	1800000		0.08	5				385	
PEBULATE	1114-71-2	0.05 H				630		92	5			X	303	
PENTACHLOROBENZENE	608-93-5	0.0008 I				32000		0.74	1,5,6,7				277	0.37
PENTACHLOROETHANE	76-01-7		0.09 P			1905	X	480	1,3	13120	15102	X	160	
PENTACHLORONITROBENZENE	82-68-8	0.003 I	0.26 H			7900		0.44	4,6,8				328	0.36
PENTACHLOROPHENOL	87-86-5	0.005 I	0.4 I		0.0000051 C	20000		14	1,2,4,5				310	0.17
PERFLUOROCTANE SULFONATE (PFOS)	1763-23-1	0.00002 M	0.07 M			2.57		680	19,20,21,22,23				258	
PERFLUOROCTANOIC ACID (PFOA)	335-67-1	0.00002 M				2.06	X	9500	24				192	
PHENACETIN	62-44-2		0.0022 C		0.00000063 C	110		763	2,3,9				341	4.50
PHENANTHRENE	85-01-8	0.3 S				38000	X	1.1	1,4,5	41808	70721		341	0.63
PHENOL	108-95-2	0.3 I		0.2 C		22	X	84300	1,2,3,4	12977	14901		182	36.14
PHENYL MERCAPTAN	108-98-5	0.001 P				562	X	653	5,9			X	170	
PHENYLENEDIAMINE, M-	108-45-2	0.006 I				12		351000	3				286	4.50
PHENYLPHENOL, 2-	90-43-7		0.00194 H			5,700		700	5				280	18.07
PHORATE	298-02-2	0.0002 O				810		50	2			X	319	
PHTHALIC ANHYDRIDE	85-44-9	2 I		0.02 C		79	X	6170	2	13018	14956		285	13490.40
PICLORAM	1918-02-1	0.07 I				15		430	2				373	
POLYCHLORINATED BIPHENYLS (AROCLORS) (PCBS)	1336-36-3		2 I		0.0001 I			0.0505	10,13				360	
PROMETON	1610-18-0	0.015 I				346		750	2,5				347	
PRONAMIDE	23950-58-5	0.075 I				200		15	2				321	
PROPACHLOR	1918-16-7	0.013 I				139	X	613	8				110	1.73
PROPANIL	709-98-8	0.005 I				160		225	2				355	
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	2 P		0.2 P		25	X	1000000	2	12981	14906	X	82	
PROPAZINE	139-40-2	0.02 I				155		8.6	1,5			X	318	
PROPHAM	122-42-9	0.02 I				51		250	5				257	
PROPYLBENZENE, N-	103-65-1	0.1 X		1 X		720	X	52	6	12971	14891	X	159	
PROPYLENE OXIDE	75-56-9	0.001 O	0.24 I	0.03 I	0.0000037 I	25	X	405000	1	13239	15057	X	34	
PYRENE	129-00-0	0.03 I				68000		0.132	1				393	0.07
PYRIDINE	110-86-1	0.001 I				0.0066	X	1000000	2	13142	15114	X	115	18.07
QUINOLINE	91-22-5		3 I			1,300		60000	1,3,5			X	238	12.65

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A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
QUIZALOFOP (ASSURE)	76578-14-8	0.009 I				580		0.3	2				220	
RDX	121-82-4	0.003 I	0.11 I			70		59.9	1,9				353	
RESORCINOL	108-46-3	2 TE				2		717000					280	
RONNEL	299-84-3	0.05 H				580		40	2				349	
SIMAZINE	122-34-9	0.005 I	0.12 H			110		5	5				225	
STRYCHNINE	57-24-9	0.0003 I				280		143	5				270	4.50
STYRENE	100-42-5	0.2 I		1 I		910	X	300	5	12942	14850	X	145	1.20
TEBUTHIURON	34014-18-1	0.07 I				620		2500	2				394	
TERBACIL	5902-51-2	0.013 I				53		710	2				396	
TERBUFOS	13071-79-9	0.000025 H				510		5	6			X	332	
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	0.0003 I				1,800		0.583	1,5,6,7				245	0.69
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	7E-10 I	130000 C	4.00E-08 C	38 C	4300000		0.0000193	6				412	0.21
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	0.03 I	0.026 I		0.0000074 I	980	X	1100	1	12990	14921	X	131	3.79
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.02 I	0.2 I		0.000058 I	79	X	2860	2	12957	14871	X	147	0.56
TETRACHLOROETHYLENE (PCE)	127-18-4	0.006 I	0.0021 I	0.04 I	0.00000026 I	300	X	162	1,2,3,4,5	13017	14955	X	121	0.03
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	0.03 I				6200		183	6				288	0.69
TETRAETHYL LEAD	78-00-2	0.0000001 I				4900		0.8	5			X	202	4.50
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	0.0005 I				550		25	2			X	349	
TETRAHYDROFURAN	109-99-9	0.9 I	0.0076 I	2 I	0.00000194 I	43	X	300000	1,6,7	12970	14891	X	66	
THIOFANOX	39196-18-4	0.0003 H				0.022		5200	9				280	
THIRAM	137-26-8	0.015 O				1000		30	4				339	
TOLUENE	108-88-3	0.08 I		5 I		130	X	532.4	1,2,3,4	13016	14953	X	111	9.01
TOLUIDINE, M-	108-44-1		0.016 S		0.000051 S	140		15030	6			X	203	
TOLUIDINE, O-	95-53-4		0.016 P		0.000051 C	410		15000	1,3,5			X	200	18.07
TOLUIDINE, P-	106-49-0	0.004 X	0.03 P			320		7410	1,2,3				200	
TOXAPHENE	8001-35-2	0.0004 M	1.1 I		0.00032 I	1500		3	2,4,5				432	
TRIALATE	2303-17-5	0.025 O	0.717 O			2,000		4	5			X	343	
TRIBROMOMETHANE (BROMOFORM)	75-25-2	0.02 I	0.0079 I		0.0000011 I	130	X	3050	1,2,3,4	12942	14849	X	149	0.69
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	30 I		30 H		1,200	X	170	1	13064	15014	X	48	0.35
TRICHLOROACETIC ACID	76-03-9	0.02 I	0.07 I			20	X	1200000	2,3,5,9				196	
TRICHLOROBENZENE, 1,2,4-	120-82-1	0.01 I	0.029 P	0.002 P		1500	X	44.4	1,4,6,7	13217	15233	X	213	0.69
TRICHLOROBENZENE, 1,3,5-	108-70-3	0.006 M		0.002 S		3100	X	5.8	5	15677	18611		208	
TRICHLOROETHANE, 1,1,1-	71-55-6	2 I		5 I		100	X	1495	1,4,5,6	13116	15082	X	74	0.05
TRICHLOROETHANE, 1,1,2-	79-00-5	0.004 I	0.057 I	0.0002 X	0.000016 I	76	X	4420	1	12982	14909	X	114	0.03
TRICHLOROETHYLENE (TCE)	79-01-6	0.0005 I	0.046 I	0.002 I	0.000004 I	93	X	1100	1	13070	15022	X	87	0.02
TRICHLOROPHENOL, 2,4,5-	95-95-4	0.1 I				2400		1000	1,2,4				246	0.14
TRICHLOROPHENOL, 2,4,6-	88-06-2	0.001 P	0.011 I		0.0000031 I	1100		850	1,2,4,5				246	0.14
TRICHLOROPHENOXACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	0.01 I				43		278	2,4,5				279	1.39
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1					1700		140	2				353	
		0.008 I												
TRICHLOROPROPANE, 1,1,2-	598-77-6	0.005 I				24	X	2700	14	13145	15119	X	117	
TRICHLOROPROPANE, 1,2,3-	96-18-4	0.004 I	30 I	0.0003 I		280	X	1896	1,4,6	12974	14896	X	157	0.35
TRICHLOROPROPENE, 1,2,3-	96-19-5	0.003 X		0.0003 P		190	X	2700	14	13047	14992	X	142	
TRIETHYLAMINE	121-44-8			0.007 I		51	X	55000	1,4	12951	14862	X	90	
TRIETHYLENE GLYCOL	112-27-6	2 P				6		1000000	12			X	285	
TRIFLURALIN	1582-09-8	0.0075 I	0.0077 I			720		4	2,5,6,7				382	
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	0.01 I		0.06 I		2,200	X	56	1	12978	14904	X	169	4.50
TRIMETHYLBENZENE, 1,3,5-	108-67-8	0.01 I		0.06 I		660	X	48.9	1	12961	14876	X	165	
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	0.0001 P	0.017 P			116	X	1800	2,3,5	12941	14848	X	190	18.07
TRINITROTOLUENE, 2,4,6-	118-96-7	0.0005 I	0.03 I			1		100	2				240	
VINYL ACETATE	108-05-4	1 H		0.2 I		2.8	X	20000	1	13017	14955	X	73	
VINYL BROMIDE (BROMOETHENE)	593-60-2			0.003 I	0.000032 H	150	X	4180	12	13086	15043	X	16	0.09
VINYL CHLORIDE	75-01-4	0.003 I	1.5 I	0.1 I	0.0000088 I	10	X	2700	1	13109	15040	X	-13	0.09

¹ 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.

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Appendix A

Table 5 - Physical and Toxicological Properties

A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) ⁻¹	RfCi (mg/m ³)	IUR (µg/m ³) ⁻¹	Koc	VOC?	Aqueous Solubility (mg/L)	Aqueous Solubility Reference ¹	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)(yr ⁻¹)
WARFARIN	81-81-2	0.0003 I				910		17	4				356	4.50
XYLENES (TOTAL)	1330-20-7	0.2 I		0.1 I		350	X	175	13	12982	14909	X	140	0.69
ZINEB	12122-67-7	0.05 I				19		10	4				474	

Toxicity Value Sources:

C = California EPA Cancer Potency Factor

D = ATSDR Minimal Risk Level

H = Health Effects Assessment Summary Table (HEAST)

I = Integrated Risk information System (IRIS)

M = EPA Drinking Water Regulations and Health Advisories

N = EPA NCEA Provisional Values

P = EPA Provisional Peer-Reviewed Toxicity Value

S = surrogate

T = TEF

TE = TERA ITER Peer-Reviewed Value

X = EPA Provisional Peer-Reviewed Toxicity Value Appendix

¹ 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.