







Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; ca = cancer; ca\* = where: nc SL < 100X ca SL; ca\*\* = where nc SL < 10X ca SL; nc = noncancer; max=Concentration may exceed ceiling limit (See User's Guide); sat=Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant		Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels				
		SFO (mg/kg-day)	ke IUR (ug/m <sup>3</sup> -y)	ke RfDo (mg/kg-day)	ke RfCl (mg/m <sup>3</sup> -y)	ke RfC (ug/m <sup>3</sup> -y)	ke RfV (ug/m <sup>3</sup> -y)	ke RfM (ug/m <sup>3</sup> -y)	RAGS Part E G1ABS	RAGS Part E ABS	Csat (mg/kg)	Residential Soil (mg/kg)	key Industrial Soil (mg/kg)	Residential Air (ug/m <sup>3</sup> )	key Industrial Air (ug/m <sup>3</sup> )	key Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)					
Analyte	CAS No.																								
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C						1	0.1	6.6E-02	ca	2.3E-01	ca	1.2E-03	ca	5.8E-03	ca	9.1E-03	ca	1.4E+00		
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C						1	0.1	6.6E-02	ca	2.3E-01	ca	1.2E-03	ca	5.8E-03	ca	9.1E-03	ca	4.0E+00		
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C						1	0.1	7.2E-02	ca	2.6E-01	ca	1.3E-03	ca	6.5E-03	ca	1.0E-02	ca			
Disulfoton	298-04-4				4.0E-05	I					1	0.1	2.4E+00	nc	2.5E+01	nc					1.5E+00	nc	2.7E-03		
Dithiane, 1,4-	505-29-3				1.0E-02	I					1	0.1	6.1E+02	nc	6.2E+03	nc					3.7E+02	nc	1.9E-01		
Duron	330-54-1				2.0E-03	I					1	0.1	1.2E+02	nc	1.2E+03	nc					7.3E+01	nc	3.4E-02		
Dodine	2439-10-3				4.0E-03	I					1	0.1	2.4E+02	nc	2.5E+03	nc					1.5E+02	nc	4.5E+00		
Endosulfan	115-29-7				6.0E-03	I					1	0.1	3.7E+02	nc	3.7E+03	nc					2.2E+02	nc	9.7E+00		
Endothal	145-73-3				2.0E-02	I					1	0.1	1.2E+03	nc	1.2E+04	nc					7.3E+02	nc	1.6E-01		
Endrin	72-20-8				3.0E-04	I					1	0.1	1.8E+01	nc	1.8E+02	nc					1.1E+01	nc	2.3E-01		
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V	1		1.8E+01	nc	7.7E+01	nc	1.0E+00	nc	4.4E+00	nc	2.1E+00	nc	4.3E-04		
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V	1		1.5E+02	nc	6.4E+02	nc	2.1E+01	nc	8.8E+01	nc	4.2E+01	nc	8.7E-03		
EPTC	759-94-4				2.5E-02	I				V	1		2.0E+03	sat	2.6E+04	nc					9.1E+02	nc	6.5E-01		
Ethephon	16672-87-0				5.0E-03	I					1	0.1	3.1E+02	nc	3.1E+03	nc					1.8E+02	nc	3.8E-02		
Ethion	563-12-2				5.0E-04	I					1	0.1	3.1E+01	nc	3.1E+02	nc					1.8E+01	nc	4.8E-01		
Ethoxyethanol Acetate, 2-	111-15-9				3.0E-01	H					1	0.1	1.8E+04	nc	1.8E+05	nc					1.1E+04	nc	2.2E+00		
Ethoxyethanol, 2-	110-80-5				4.0E-01	H	2.0E-01	I			1	0.1	2.4E+04	nc	2.5E+05	nc	2.1E+02	nc	8.8E+02	nc	1.5E+04	nc	2.9E+00		
Ethyl Acetate	141-78-6				9.0E-01	H					1		7.0E+04	sat	9.2E+05	nc					3.3E+04	nc	7.0E+00		
Ethyl Acrylate	140-88-5	4.8E-02	H							V	1		1.3E+01	ca	6.0E+01	ca					1.4E+00	ca	3.2E-04		
Ethyl Chloride	75-00-3							1.0E+01	I	V	1		1.5E+04	sat	6.2E+04	nc	1.0E+04	nc	4.4E+04	nc	2.1E+04	nc	6.0E+00		
Ethyl Ether	60-29-7				2.0E-01	I					1		1.6E+04	sat	2.0E+05	nc					8.3E+03	nc	1.6E+00		
Ethyl Methacrylate	97-63-2				9.0E-02	H				V	1		7.0E+03	sat	9.2E+04	nc					3.3E+03	nc	7.9E-01		
Ethyl-p-nitrophenyl Phosphonate	2104-64-5				1.0E-05	I					1	0.1	6.1E-01	nc	6.2E+00	nc					3.7E-01	nc	8.7E-03		
Ethylbenzene	100-41-4	1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	1		5.7E+00	ca	2.9E+01	ca	9.7E-01	ca	4.9E+00	ca	1.5E+00	ca	7.0E+02	1.9E-03	8.9E-01
Ethylene Cyanohydrin	109-78-4				3.0E-02	P					1	0.1	1.8E+03	nc	1.8E+04	nc					1.1E+03	nc	2.2E-01		
Ethylene Diamine	107-15-3				9.0E-02	P					1	0.1	5.5E+03	nc	5.5E+04	nc					3.3E+03	nc	8.2E-01		
Ethylene Glycol	107-21-1				2.0E+00	I	4.0E-01	C			1	0.1	1.2E+05	nc	1.2E+06	nc	4.2E+02	nc	1.8E+03	nc	7.3E+04	nc	1.5E+01		
Ethylene Glycol Monobutyl Ether	111-76-2				5.0E-01	I	1.3E+01	I			1	0.1	3.1E+04	nc	3.1E+05	nc	1.4E+04	nc	5.7E+04	nc	1.8E+04	nc	3.7E+00		
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C					V	1		1.6E-01	ca	8.0E-01	ca	2.8E-02	ca	1.4E-01	ca	4.4E-02	ca	4.4E-05		
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I				1	0.1	4.9E+00	nc	3.9E+01	ca**	1.9E-01	ca	9.4E-01	ca	1.5E+00	ca**	3.2E-04		
Ethylhexyl Ethyl Glycolate	84-72-0				3.0E+00	I					1	0.1	1.8E+05	nc	1.8E+06	nc					1.1E+05	nc	3.0E+02		
Express	101200-48-0				8.0E-03	I					1	0.1	4.9E+02	nc	4.9E+03	nc					2.9E+02	nc	1.1E-01		
Fenamiphos	22224-92-6				2.5E-04	I					1	0.1	1.5E+01	nc	1.5E+02	nc					9.1E+00	nc	5.9E-03		
Fenpropathrin	39515-41-8				2.5E-02	I					1	0.1	1.5E+03	nc	1.5E+04	nc					9.1E+02	nc	5.4E+01		
Fluometuron	2164-17-2				1.3E-02	I					1	0.1	7.9E+02	nc	8.0E+03	nc					4.7E+02	nc	4.4E-01		
Fluorine (Soluble Fluoride)	7782-41-4				6.0E-02	I					1		4.7E+03	nc	6.1E+04	nc					2.2E+03	nc	4.0E+03		
Fluridone	59756-60-4				8.0E-02	I					1	0.1	4.9E+03	nc	4.9E+04	nc					2.9E+03	nc	6.5E+02		
Flurprimidol	56425-91-3				2.0E-02	I					1	0.1	1.2E+03	nc	1.2E+04	nc					7.3E+02	nc	1.4E+00		
Flutolanil	66332-96-5				6.0E-02	I					1	0.1	3.7E+03	nc	3.7E+04	nc					2.2E+03	nc	2.4E+01		
Fluvalinate	69409-94-5				1.0E-02	I					1	0.1	6.1E+02	nc	6.2E+03	nc					3.7E+02	nc	5.3E+02		
Folpet	133-07-3	3.5E-03	I		1.0E-01	I					1	0.1	1.4E+02	ca*	4.9E+02	ca					1.9E+01	ca	9.4E-03		
Fomosalen	72178-02-0	1.9E-01	I								1	0.1	2.9E+00	ca	9.1E+00	ca					3.5E-01	ca	7.9E-03		
Fonofos	944-22-9				2.0E-03	I					1	0.1	1.2E+02	nc	1.2E+03	nc					7.3E+01	nc	1.4E-01		
Formaldehyde	50-00-0				1.3E-05	I	2.0E-01	I	9.8E-03	A	1	0.1	1.2E+04	nc	1.2E+05	nc	1.9E-01	ca*	9.4E-01	ca*	7.3E+03	nc	1.5E+00		
Formic Acid	64-18-6				2.0E+00	H					1	0.1	1.2E+05	nc	1.2E+06	nc					7.3E+04	nc	1.5E+01		
Fosetyl-AL	39148-24-8				3.0E+00	I					1	0.1	1.8E+05	nc	1.8E+06	nc					1.1E+05	nc			
Furans																									
Furan	110-00-9				1.0E-03	I				V	1		6.8E+03	7.8E+01	nc	1.0E+03	nc				3.7E+01	nc	1.5E-02		
HpCDF, 2,3,7,8-	38998-75-3	1.5E+03	W	3.3E-01	W						1	0.1	3.2E-04	ca	1.1E-03	ca	7.4E-06	ca	3.7E-05	ca	4.5E-05	ca	3.5E-05		
HxCDF, 2,3,7,8-	55684-94-1	1.5E+04	W	3.3E+00	W						1	0.1	3.2E-05	ca	1.1E-04	ca	7.4E-07	ca	3.7E-06	ca	4.5E-06	ca	2.1E-06		
OCDF	39001-02-0	4.5E+01	W	9.9E-03	W						1	0.1	1.1E-02	ca	3.8E-02	ca	1.2E-03	ca	1.5E-03	ca	1.5E-03	ca	2.0E-03		
PeCDF, 1,2,3,7,8-	57117-41-6	4.5E+03	W	9.9E-01	W						1	0.1	1.1E-04	ca	3.8E-04	ca	2.5E-06	ca	1.2E-05	ca	1.5E-05	ca	4.1E-06		
PeCDF, 2,3,4,7,8-	57117-31-4	4.5E+04	W	9.9E+00	W						1	0.1	1.1E-05	ca	3.8E-05	ca	2.5E-07	ca	1.2E-06	ca	1.5E-06	ca	4.1E-07		
TODF, 2,3,7,8-	51207-31-9	1.5E+04	W	3.3E+00	W						1	0.1	3.2E-05	ca	1.1E-04	ca	7.4E-07	ca	3.7E-06	ca	4.5E-06	ca	7.3E-07		
Furazolidone	67-45-8				3.8E+00	H					1	0.1	1.3E-01	ca	4.5E-01	ca					1.8E-02	ca	3.3E-05		
Furfural	98-01-1				3.0E-03	I	5.0E-02	H</																	

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; ca = cancer; ca\* = where: nc SL < 100X ca SL; ca\*\* = where nc SL < 10X ca SL; nc = noncancer; max=Concentration may exceed ceiling limit (See User's Guide); sat=Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater		
	CAS No.	SFO (mg/kg-day)	k e IUR (ug/m <sup>3</sup> -y)	k e RfDo (mg/kg-day)	k e RfC (mg/m <sup>3</sup> -y)	k e V o l u t a g e n	RAGS Part E G I A B S	RAGS Part E A B S	Csat mg/kg	Residential Soil		Industrial Soil		Residential Air		Industrial Air		Tapwater		MCL	Risk-based SSL	MCL-based SSL
										key	key	key	key	key	key	key	key	key	key	key	key	key
Analyte	CAS No.	(mg/kg-day)	(ug/m <sup>3</sup> -y)	(mg/kg-day)	(mg/m <sup>3</sup> -y)				Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL	
Hydrogen Chloride	7647-01-0			2.0E-02					2.8E+07	nc	1.2E+08	nc	2.1E+01	nc	8.8E+01	nc						
Hydrogen Sulfide	7783-06-4			3.0E-03	2.0E-03	I	1		2.3E+02	nc	3.1E+03	nc	2.1E+00	nc	8.8E+00	nc	1.1E+02	nc				
Imazalil	35554-44-0			1.3E-02		I	1	0.1	7.9E+02	nc	8.9E+03	nc									1.9E+00	
Imazaquin	81335-37-7			2.5E-01		I	1	0.1	1.5E+04	nc	1.5E+05	nc									9.2E+01	
Iprodione	36734-19-7			4.0E-02		I	1	0.1	2.4E+01	nc	2.2E+02	nc									1.5E+03	
Iron	7439-89-6			7.0E-01		P	1		5.5E+04	nc	7.2E+05	nc									2.6E+04	
Isobutyl Alcohol	78-83-1			3.0E-01				9.6E+03	2.3E+04	sat	3.1E+05	nc									2.2E+00	
Isophorone	78-59-1	9.5E-04	I	2.0E-01	2.0E+00	C	1	0.1	5.1E+02	ca*	1.8E+03	ca*	2.1E+03	nc	8.8E+03	nc	7.1E+01	ca			2.2E-02	
Isopropalin	33820-53-0			1.5E-02		I	1	0.1	9.2E+02	nc	9.2E+03	nc									7.4E+00	
Isopropyl Methyl Phosphonic Acid	1832-54-8			1.0E-01		I	1	0.1	6.1E+03	nc	6.2E+04	nc									7.7E-01	
Isoxaben	82558-50-7			5.0E-02		I	1	0.1	3.1E+03	nc	3.1E+04	nc									1.1E+01	
Kerb	23950-58-5			7.5E-02		I	1	0.1	4.6E+03	nc	4.6E+04	nc									9.2E+00	
Lactofen	77501-63-4			2.0E-03		I	1	0.1	1.2E+02	nc	1.2E+03	nc									7.3E+00	
<b>Lead Compounds</b>																						
Lead and Compounds	7439-92-1								4.0E+02	nc									1.5E+01			
Tetraethyl Lead	78-00-2			1.0E-07		I	1	0.1	6.1E+02	nc	6.2E-02	nc									1.4E-05	
Linuron	330-55-2			2.0E-03		I	1	0.1	1.2E+02	nc	1.2E+03	nc									6.6E-02	
Lithium Perchlorate	7791-03-9			7.0E-04		I	1		5.2E+02	nc	7.2E+02	nc									2.6E+01	
Londax	83055-99-6			2.0E-01		I	1	0.1	1.2E+04	nc	1.2E+05	nc									1.9E+00	
Malathion	121-75-5			2.0E-02		I	1	0.1	1.2E+03	nc	1.2E+04	nc									7.3E+02	
Maleic Anhydride	108-31-6			1.0E-01	7.0E-04	C	1	0.1	6.1E+03	nc	6.1E+04	nc	7.3E-01	nc	3.1E+00	nc	3.7E+03	nc			7.4E-01	
Maleic Hydrazide	123-33-1			5.0E-01		I	1	0.1	3.1E+04	nc	3.1E+05	nc									4.0E+00	
Malononitrile	109-77-3			1.0E-04		P	1	0.1	6.1E+00	nc	6.2E+01	nc									3.7E+00	
Mancozeb	8018-01-7			3.0E-02		H	1	0.1	1.8E+03	nc	1.8E+04	nc									1.1E+03	
Maneb	12427-38-2			5.0E-03		I	1	0.1	3.1E+02	nc	3.1E+03	nc									1.8E+02	
Manganese (Diet)	7439-96-5			1.4E-01	5.0E-05	I	1		1.8E+03	nc	2.3E+04	nc	5.2E-02	nc	2.2E-01	nc	8.8E+02	nc				
Manganese (Water)	7439-96-5			2.4E-02	5.0E-05	I	0.04		1.8E+03	nc	2.3E+04	nc	5.2E-02	nc	2.2E-01	nc	8.8E+02	nc				
MCPA	94-74-6			5.0E-04		I	1	0.1	3.1E+01	nc	3.1E+02	nc									1.8E+01	
MCPB	94-81-5			1.0E-02		I	1	0.1	6.1E+02	nc	6.2E+03	nc									3.7E+02	
MCPP	93-65-2			1.0E-03		I	1	0.1	6.1E+01	nc	6.2E+02	nc									3.7E+01	
Mepfosfolan	950-10-7			9.0E-05		H	1	0.1	5.5E+00	nc	5.5E+01	nc									3.3E+00	
Mepiquat Chloride	24307-26-4			3.0E-02		I	1	0.1	1.8E+03	nc	1.8E+04	nc									1.1E+03	
<b>Mercury Compounds</b>																						
Mercuric Chloride	7487-94-7			3.0E-04		I	0.07		2.3E+01	nc	3.1E+02	nc									1.1E+01	
Mercuric Sulfide	1344-48-5			3.0E-04		S	1		2.3E+01	nc	3.1E+02	nc									1.1E+01	
Mercury (elemental)	7439-97-6				3.0E-04	I V	1	3.1E+00	6.7E+00	sat	2.8E+01	nc	3.1E-01	nc	1.3E+00	nc	6.3E-01	nc	2.0E+00		3.3E-02	1.0E-01
Mercury, Inorganic Salts	NA			3.0E-04		I	0.07		2.3E+01	nc	3.1E+02	nc									1.1E+01	
Methyl Mercury	22967-92-6			1.0E-04		I	1		7.8E+00	nc	1.0E+02	nc									3.7E+00	
Phenylmercuric Acetate	62-38-4			8.0E-05		I	0.1		4.9E+00	nc	4.9E+01	nc									2.9E+00	
Merphos	150-50-5			3.0E-05		I	0.1		1.8E+00	nc	1.8E+01	nc									1.1E+00	
Merphos Oxide	78-48-8			3.0E-05		I	0.1		1.8E+00	nc	1.8E+01	nc									1.1E+00	
Metalaxyl	57837-19-1			6.0E-02		I	0.1		3.7E+03	nc	3.7E+04	nc									2.2E+03	
Methacrylonitrile	126-98-7			1.0E-04	7.0E-04	H V	1	4.5E+03	3.2E+00	nc	1.8E+01	nc	7.3E-01	nc	3.1E+00	nc	1.0E+00	nc			2.4E-04	
Methamidophos	10265-92-6			5.0E-05		I	0.1		3.1E+00	nc	3.1E+01	nc									1.8E+00	
Methanol	67-56-1			5.0E-01	4.0E+00	C	1	0.1	3.1E+04	nc	3.1E+05	nc	4.2E+03	nc	1.8E+04	nc	1.8E+04	nc			3.7E+00	
Methidathion	950-37-8			1.0E-03		I	0.1		6.1E+01	nc	6.2E+02	nc									3.7E+01	
Methomyl	16752-77-5			2.5E-02		I	0.1		1.5E+03	nc	1.5E+04	nc									9.1E+02	
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C		1	0.1	9.9E+00	ca	3.5E+01	ca	1.7E-01	ca	8.8E-01	ca	1.4E+00	ca	4.0E+01		3.8E-04	
Methoxychlor	72-43-5			5.0E-03		I	1	0.1	3.1E+02	nc	3.1E+03	nc									1.8E+02	
Methoxyethanol Acetate, 2-	110-49-6			2.0E-03		H	1	0.1	1.2E+02	nc	1.2E+03	nc									7.3E+01	
Methoxyethanol, 2-	109-86-4				2.0E-02	I	1	0.1	2.8E+07	nc	1.2E+08	nc	2.1E+01	nc	8.8E+01	nc						
Methyl Acetate	79-20-9			1.0E+00		H V	1	2.9E+04	7.8E+04	sat	1.0E+06	nc									3.7E+04	
Methyl Acrylate	96-33-3			3.0E-02		H V	1	6.9E+03	2.3E+03	nc	3.1E+04	nc									2.3E-01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3			6.0E-01	5.0E+00	I V	1	2.8E+04	2.8E+04	sat	1.9E+05	nc	5.2E+03	nc	2.2E+04	nc	7.1E+03	nc			1.5E+00	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			8.0E-02	3.0E+00	I V	1	3.2E+03	5.3E+03	sat	5.2E+04	nc	3.1E+03	nc	1.3E+04	nc	2.0E+03	nc			4.4E-01	
Methyl Methacrylate	80-62-6			1.4E+00	7.0E-01	I V	1	2.5E+03	4.7E+03	sat	2.0E+04	nc	7.3E+02	nc	3.1E+03	nc	1.4E+03	nc			3.1E-01	
Methyl Parathion	298-00-0			2.5E-04		I	0.1		1.5E+01	nc	1.5E+02	nc									9.1E+00	
Methyl Styrene (Mixed Isomers)	25013-15-4			6.0E-03	4.0E-02	H V	1	4.5E+02	1.9E+02	nc	1.1E+03	nc	4.2E+01	nc	1.8E+02	nc	6.0E+01	nc			1.1E-01	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C		1	6.9E+03	3.9E+01	ca	1.9E+02	ca	9.4E+00	ca	4.7E+01	ca	1.2E+01	ca			2.7E-03	
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H				1	0.1	1.5E+01	ca	5.2E+01	ca	5.2E+01	ca	5.2E+01	ca	2.0E+00	ca			7.6E-04	
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C		1	0.1	3.7E+00	ca	1.3E+01	ca	6.6E-02	ca	3.3E-01	ca	5.2E-01	ca			1.8E-04	
Methylarsonic acid	124-58-3			1.0E-02		A	1	0.1	6.1E+02	nc	6.2E+03	nc									3.7E+	

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; ca = cancer; ca\* = where: nc SL < 100X ca SL; ca\*\* = where nc SL < 10X ca SL; nc = noncancer; max=Concentration may exceed ceiling limit (See User's Guide); sat=Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	Toxicity and Chemical-specific Information													Screening Levels								Protection of Groundwater	
	CAS No.	SFO (mg/kg-day)	k e y (ug/m <sup>3</sup> -y)	IUR (ug/m <sup>3</sup> -y)	k e y RfDo (mg/kg-day)	k e y RfCI (mg/m <sup>3</sup> -y)	k e y v o l u t e g e n	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil		Industrial Soil		Residential Air		Industrial Air		Tapwater		MCL	Risk-based SSL	MCL-based SSL
											mg/kg	key	mg/kg	key	ug/m <sup>3</sup>	key	ug/m <sup>3</sup>	key	ug/L	key	ug/L	mg/kg	mg/kg
Nitrate	14797-55-8				1.6E+00	I					1.3E+05	nc	1.6E+06	nc							5.8E+04	1.0E+04	
Nitrite	14797-65-0				1.0E-01	I					7.8E+03	nc	1.0E+05	nc							3.7E+03	1.0E+03	
Nitrobenzene	98-95-3				5.0E-04	I	2.0E-03	H V			3.1E+01	nc	2.8E+02	nc	2.1E+00	nc	8.8E+00	nc	3.4E+00	nc			2.0E-03
Nitrofurantoin	67-20-9				7.0E-02	H					4.3E+03	nc	4.3E+04	nc							2.6E+03	nc	1.9E+00
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C						3.7E+01	ca	1.3E+00	ca	6.6E-03	ca	3.3E-02	ca			5.2E-02	ca	4.9E-05
Nitroglycerin	55-63-0	1.7E-02	P		1.0E-04	P					6.1E+00	nc	6.2E+01	nc									1.7E-03
Nitroguanidine	556-88-7				1.0E-01	I					6.1E+03	nc	6.2E+04	nc									3.7E+03
Nitromethane	75-52-5			9.0E-06	P		2.0E-02	P V			4.7E+00	ca*	2.4E+01	ca*	2.7E-01	ca*	1.4E+00	ca*	5.4E-01	ca*			1.2E-04
Nitropropane, 2-	79-46-9			2.7E-03	H		2.0E-02	I V			1.2E-02	ca	6.0E-02	ca	9.0E-04	ca	4.5E-03	ca	1.8E-03	ca			4.5E-07
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	H			V			9.3E-02	ca	4.3E-01	ca	1.5E-03	ca	7.7E-03	ca	2.4E-03	ca			8.6E-06
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I								6.9E-02	ca	2.5E-01	ca									9.6E-03
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C			M			4.3E-03	ca	6.4E-02	ca	1.2E-04	ca	1.6E-03	ca	8.0E-04	ca			2.2E-07
Nitrosodimethylamine, N-	1116-54-7	2.8E+00	I								1.7E-01	ca	6.2E-01	ca									2.4E-02
Nitrosodimethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I			M			7.7E-04	ca	1.1E-02	ca	2.2E-05	ca	2.9E-04	ca	1.4E-04	ca			7.0E-08
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P		M		2.3E-03	ca	3.4E-02	ca	6.9E-05	ca	8.8E-04	ca	4.2E-04	ca			1.2E-07
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I								9.9E+01	ca	3.5E+02	ca									1.7E-01
Nitrosomethylurea, N-	10595-95-6	2.2E+01	I								2.2E-02	ca	7.8E-02	ca									3.1E-03
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I						2.3E-01	ca	8.2E-01	ca	4.0E-03	ca	2.0E-02	ca	3.2E-02	ca			1.7E-05
Nitrotoluene, o-	88-72-2				1.0E-02	H		V			7.8E+02	nc	1.0E+04	nc									3.7E+02
Nitrotoluene, p-	99-99-0	1.6E-02	P		4.0E-03	P					3.0E+01	ca**	1.1E+02	ca*									4.2E+00
Norfurazone	27314-13-2				4.0E-02	I					2.4E+03	nc	2.5E+04	nc									1.5E+03
Nustar	85509-19-9				7.0E-04	I					4.3E+01	nc	4.3E+02	nc									2.6E+01
Octabromodiphenyl Ether	32536-52-0				3.0E-03	I					1.8E+02	nc	1.8E+03	nc									1.1E+02
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra	2691-41-0				5.0E-02	I					3.1E+03	nc	3.1E+04	nc									1.8E+03
Octamethylphosphoramide	152-16-9				2.0E-03	H					1.2E+02	nc	1.2E+03	nc									7.3E+01
Oryzalin	19044-88-3				5.0E-02	I					3.1E+03	nc	3.1E+04	nc									1.8E+03
Oxadiazon	19666-30-9				5.0E-03	I					3.1E+02	nc	3.1E+03	nc									1.8E+02
Oxamyl	23135-22-0				2.5E-02	I					1.5E+03	nc	1.5E+04	nc									9.1E+02
Paclitaxel	76738-62-0				1.3E-02	I					7.9E+02	nc	8.0E+03	nc									2.0E+02
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>																							
Acenaphthene	83-32-9				6.0E-02	I		V		0.13	3.4E+03	nc	3.3E+04	nc									2.2E+03
Anthracene	120-12-7				3.0E-01	I		V		0.13	1.7E+04	nc	1.7E+05	nc									1.1E+04
Benzo[a]anthracene	56-55-3	7.3E-01	*	1.1E-04	C			M		0.13	1.5E-01	ca	2.1E+00	ca	8.7E-03	ca	1.1E-01	ca	2.9E-02	ca			2.0E-01
Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C			M		0.13	1.5E-02	ca	2.1E-01	ca	8.7E-04	ca	1.1E-02	ca	2.9E-03	ca			4.6E-03
Benzo[b]fluoranthene	205-99-2	7.3E-01	*	1.1E-04	C			M		0.13	1.5E-01	ca	2.1E+00	ca	8.7E-03	ca	1.1E-01	ca	2.9E-02	ca			4.7E-02
Benzo[k]fluoranthene	207-08-9	7.3E-02	*	1.1E-04	C			M		0.13	1.5E+00	ca	2.1E+01	ca	8.7E-03	ca	1.1E-01	ca	2.9E-01	ca			4.6E-01
Chrysene	218-01-9	7.3E-03	*	1.1E-05	C			M		0.13	1.5E+01	ca	2.1E+02	ca	8.7E-02	ca	1.1E+00	ca	2.9E+00	ca			1.4E+00
Dibenzo[a,h]anthracene	53-70-3	7.3E+00	*	1.2E-03	C			M		0.13	1.5E-02	ca	2.1E-01	ca	8.0E-04	ca	1.0E-02	ca	2.9E-03	ca			1.5E-02
Fluoranthene	206-44-0				4.0E-02	I					2.3E+03	nc	2.2E+04	nc									1.5E+03
Fluorene	86-73-7				4.0E-02	I		V			2.3E+03	nc	2.2E+04	nc									1.5E+03
Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	*	1.1E-04	C			M		0.13	1.5E-01	ca	2.1E+00	ca	8.7E-03	ca	1.1E-01	ca	2.9E-02	ca			1.6E-01
Methylnaphthalene, 1-	90-12-0	2.9E-02	P		7.0E-03	P		V			2.2E+01	ca*	9.9E+01	ca*									2.3E+00
Methylnaphthalene, 2-	91-57-6				4.0E-03	I		V			3.1E+02	nc	4.1E+03	nc									1.5E+02
Naphthalene	91-20-3			3.4E-05	C		2.0E-02	I V		0.13	3.9E+00	ca*	2.0E+01	ca*	7.2E-02	ca*	3.6E-01	ca*	1.4E-01	ca*			5.6E-04
Pyrene	129-00-0				3.0E-02	I		V			1.7E+03	nc	1.7E+04	nc									1.1E+03
Paraquat Dichloride	1910-42-5				4.5E-03	I					2.7E+02	nc	2.8E+03	nc									1.6E+02
Parathion	56-38-2				6.0E-03	H					3.7E+02	nc	3.7E+03	nc									2.2E+02
<b>Polychlorinated Biphenyls (PCBs)</b>																							
Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I			0.14	3.9E+00	nc	2.1E+01	ca**	1.2E-01	ca	6.1E-01	ca	9.6E-01	ca**			5.2E-02
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I			V		0.14	1.7E-01	ca	6.2E-01	ca	4.3E-03	ca	2.1E-02	ca	6.8E-03	ca			0.00014
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I			V		0.14	1.7E-01	ca	6.2E-01	ca	4.3E-03	ca	2.1E-02	ca	6.8E-03	ca			1.4E-04
Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I			V		0.14	2.2E-01	ca	7.4E-01	ca	4.3E-03	ca	2.1E-02	ca	3.4E-02	ca			3.0E-03
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I			V		0.14	2.2E-01	ca	7.4E-01	ca	4.3E-03	ca	2.1E-02	ca	3.4E-02	ca			3.0E-03
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I			0.14	2.2E-01	ca**	7.4E-01	ca*	4.3E-03	ca	2.1E-02	ca	3.4E-02	ca*			5.1E-03
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I			V		0.14	2.2E-01	ca	7.4E-01	ca	4.3E-03	ca	2.1E-02	ca	3.4E-02	ca			1.4E-02
Heptachlorobiphenyl, 2,2',3,3',4,4',5'- (PCB 170)	35065-30-6	1.5E+01	W	3.3E-03	W					0.14	3.0E-02	ca	9.9E-02	ca	7.4E-04	ca	3.7E-03	ca	4.5E-03	ca			1.9E-03
Heptachlorobiphenyl, 2,2',3,3',4,4',5,5'- (PCB 180)	35065-29-3	1.5E+00	W	3.3E-04	W					0.14	3.0E-01	ca	9.9E-01	ca	7.4E-03	ca	3.7E-02	ca	4.5E-02	ca			1.9E-02
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	4.5E+00	W	9.9E-04	W					0.14	9.8E-02	ca	3.3E-0										



Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; ca = cancer; ca\* = where: nc SL < 100X ca SL; ca\*\* = where nc SL < 10X ca SL; nc = noncancer; max=Concentration may exceed ceiling limit (See User's Guide); sat=Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels							
	CAS No.	SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> y	RfDo (mg/kg-day)	k <sub>e</sub> y	RfCl (mg/m <sup>3</sup> -y)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	RAGS Part E	RAGS Part E	Csat (mg/kg)	Residential Soil		Industrial Soil		Residential Air		Industrial Air		Tapwater		MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
														key	key	key	key	key	key	key	key	key	key				key
Thiram	137-26-8					5.0E-03								3.1E+02	nc	6.1E+03	nc						1.8E+02	nc		4.0E-02	
Tin	7440-31-5					6.0E-01	H							4.7E+04	nc	6.1E+05	nc						2.2E+04	nc			
Toluene	108-88-3					8.0E-02	I	5.0E+00	I	V				5.0E+03	sat	4.6E+04	nc	5.2E+03	nc	2.2E+04	nc	2.3E+03	nc	1.0E+03	1.7E+00	7.6E-01	
Toluene diisocyanate mixture (TDI)	26471-82-5							7.0E-05	I	V				5.4E+01	nc	2.3E+02	nc	7.3E-02	nc	3.1E-01	nc	1.5E-01	nc		2.7E-03		
Toluene-2,4-diamine	95-80-7		3.8E+00	C	1.1E-03	C								1.3E-01	ca	4.5E-01	ca	2.2E-03	ca	1.1E-02	ca	1.8E-02	ca		7.8E-06		
Toluene-2,5-diamine	95-70-5					6.0E-01	H							3.7E+04	nc	3.7E+05	nc								9.6E+00		
Toluene-2,6-diamine	823-40-5					3.0E-02	P							1.8E+03	nc	1.8E+04	nc								4.9E-01		
Toluidine, o- (Methylaniline, 2-)	95-53-4		1.8E-01	C	5.1E-05	C								2.7E+00	ca	9.6E+00	ca	4.8E-02	ca	2.4E-01	ca	3.7E-01	ca		1.3E-04		
Toluidine, p-	106-49-0		1.9E-01	H										2.6E+00	ca	9.1E+00	ca								1.2E-04		
Toxaphene	8001-35-2		1.1E+00	I	3.2E-04	I								4.4E-01	ca	1.6E+00	ca	7.6E-03	ca	3.8E-02	ca	6.1E-02	ca	3.0E+00	1.2E-02	6.0E-01	
Tralothrin	66841-25-6					7.5E-03	I							4.6E+02	nc	4.6E+03	nc						2.7E+02	nc		1.4E+02	
Triallate	2303-17-5					1.3E-02	I							7.9E+02	nc	8.0E+03	nc						4.7E+02	nc		1.7E+00	
Triasulfuron	82097-50-5					1.0E-02	I							6.1E+02	nc	6.2E+03	nc						3.7E+02	nc		3.3E-01	
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I							3.1E+02	nc	3.1E+03	nc						1.8E+02	nc		3.0E-01	
Tributyltin Compounds	NA					3.0E-04	P							1.8E+01	nc	1.8E+02	nc						1.1E+01	nc			
Tributyltin Oxide	96-35-9					3.0E-04	I							1.8E+01	nc	1.8E+02	nc						1.1E+01	nc		8.2E+02	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.0E+01	I	3.0E+01	H	V				4.3E+04	sat	1.9E+05	nc	3.1E+04	nc	1.3E+05	nc	5.9E+04	nc		1.5E+02		
Trichloroaniline HCl, 2,4,6-	33663-60-2		2.9E-02	H										1.7E+01	ca	5.9E+01	ca						2.3E+00	ca		2.2E-03	
Trichloroaniline, 2,4,6-	634-93-5		3.4E-02	H										1.4E+01	ca	5.1E+01	ca						2.0E+00	ca		1.2E-03	
Trichlorobenzene, 1,2,4-	120-82-1		3.6E-03	C		1.0E-02	I			V				1.8E+02	ca**	7.9E+02	ca*						1.9E+01	ca*	7.0E+01	3.1E-02	1.1E-01
Trichloroethane, 1,1,1-	71-55-6					2.0E+00	I	5.0E+00	I	V				9.0E+03	sat	3.9E+04	nc	5.2E+03	nc	2.2E+04	nc	9.1E+03	nc	2.0E+02	3.3E+00	7.2E-02	
Trichloroethane, 1,1,2-	79-00-5		5.7E-02	I	1.6E-05	I	4.0E-03	I		V				1.1E+00	ca	5.5E+00	ca	1.5E-01	ca	7.7E-01	ca	2.4E-01	ca	5.0E+00	8.2E-05	1.7E-03	
Trichloroethylene	79-01-6		1.3E-02	C	2.0E-06	C				V				2.8E+00	ca	1.4E+01	ca	1.2E+00	ca	6.1E+00	ca	1.7E+00	ca	5.0E+00	6.1E-04	1.9E-03	
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V				8.0E+02	nc	3.4E+03	nc	7.3E+02	nc	3.1E+03	nc	1.3E+03	nc		8.4E-01		
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I							6.1E+03	nc	6.2E+04	nc						3.7E+03	nc		9.4E+00	
Trichlorophenol, 2,4,6-	88-06-2		1.1E-02	I	3.1E-06	I	1.0E-03	P						4.4E+01	ca**	1.6E+02	ca**	7.8E-01	ca	4.0E+00	ca	6.1E+00	ca**		1.6E-02		
Trichlorophenoxy Propionic Acid, 2(2,4,5-Trichlorophenoxy)acetic Acid, 2,4,5-	93-72-1					8.0E-03	I							4.9E+02	nc	4.9E+03	nc						2.9E+02	nc		1.1E-01	
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V				3.9E+02	nc	5.1E+03	nc						1.8E+02	nc		7.6E-02	
Trichloropropane, 1,2,3-	96-18-4		7.0E+00	H						V				9.1E-02	ca	4.1E-01	ca						9.6E-03	ca		4.4E-06	
Tridiphenyl	58138-08-2					3.0E-03	I							1.8E+02	nc	1.8E+03	nc						1.1E+02	nc		4.1E-01	
Triethylamine	121-44-8							7.0E-03	I	V				1.7E+02	nc	7.1E+02	nc	7.3E+00	nc	3.1E+01	nc	1.5E+01	nc			6.1E-03	
Trifluralin	1582-09-8		7.7E-03	I		7.5E-03	I							6.3E+01	ca**	2.2E+02	ca*						8.7E+00	ca*		1.7E-01	
Trimethyl Phosphate	512-56-1		3.7E-02	H										1.3E+01	ca	4.7E+01	ca						1.8E+00	ca		3.9E-04	
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V				6.7E+01	nc	2.8E+02	nc	7.3E+00	nc	3.1E+01	nc	1.5E+01	nc			2.4E-02	
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I							1.8E+03	nc	1.8E+04	nc						1.1E+03	nc		2.6E+00	
Trinitrotoluene, 2,4,6-	118-96-7		3.0E-02	I		5.0E-04	I							1.6E+01	ca**	5.7E+01	ca**						2.2E+00	ca**		8.7E-03	
Tri-n-butyltin	688-73-3					3.0E-04	A							1.8E+01	nc	1.8E+02	nc						1.1E+01	nc		2.8E-01	
Uranium (Soluble Salts)	NA					3.0E-03	I							2.3E+02	nc	3.1E+03	nc						1.1E+02	nc			
Vanadium Pentoxide	1314-62-1					9.0E-03	I				0.026			7.0E+02	nc	7.0E+03	nc						3.3E+02	nc			
Vanadium Sulfate	36907-42-3					2.0E-02	H				0.026			1.6E+03	nc	2.0E+04	nc						7.3E+02	nc			
Vanadium and Compounds	NA					5.0E-03	S							3.9E+02	nc	5.2E+03	nc						1.8E+02	nc			
Vanadium, Metallic	7440-62-2					7.0E-03	H				0.026			5.5E+02	nc	7.2E+03	nc						2.6E+02	nc			
Vanadyl Sulfate	27774-13-6					2.0E-02	H							1.8E+03	nc	2.0E+04	nc						7.3E+02	nc			
Vermolate	1929-77-7					1.0E-03	I							6.1E+01	nc	6.2E+02	nc						3.7E+01	nc		4.2E-02	
Vinclozolin	50471-44-8					2.5E-02	I							1.5E+03	nc	1.5E+04	nc						9.1E+02	nc		7.1E-01	
Vinyl Acetate	108-05-4		1.0E+00	H	2.0E-01	I	V							9.9E+02	nc	4.2E+03	nc	2.1E+02	nc	8.8E+02	nc	4.1E+02	nc		8.8E-02		
Vinyl Bromide	593-60-2					3.0E-03	I	V						4.7E+00	nc	2.0E+01	nc	3.1E+00	nc	1.3E+01	nc	6.3E+00	nc		1.8E-03		
Vinyl Chloride	75-01-4		7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M		6.0E-02	ca	1.7E+00	ca	1.6E-01	ca	2.8E+00	ca	1.6E-02	ca	2.0E+00	5.6E-06	7.0E-04	
Warfarin	81-81-2					3.0E-04	I							1.8E+01	nc	1.8E+02	nc						1.1E+01	nc		8.2E-03	
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V				6.0E+02	sat	2.6E+03	nc	1.0E+02	nc	4.4E+02	nc	2.0E+02	nc	1.0E+04	2.3E-01	1.1E+01	
Xylene, p-	106-42-3							7.0E-01	C	V				4.7E+03	sat	2.0E+04	nc	7.3E+02	nc	3.1E+03	nc	1.5E+03	nc		1.6E+00		
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V				4.5E+03	sat	1.9E+04	nc	7.3E+02	nc	3.1E+03	nc	1.4E+03	nc		1.6E+00		
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V				5.3E+03	sat	2.3E+04	nc	7.3E+02	nc	3.1E+03	nc	1.4E+03	nc		1.6E+		