

Key: I = IRIS; P = PPRTV; 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; F = See FAQ #28; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = 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				
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCI (mg/m ³) ¹	k _e y	v _o c	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Bromophos	2104-96-3					5.0E-03	H								3.1E+02	n	3.1E+03	n					1.8E+02	n		7.7E-01	
Bromoxynil	1689-84-5					2.0E-02	I								1.2E+03	n	1.2E+04	n					7.3E+02	n		7.8E-01	
Bromoxynil Octanoate	1689-99-2					2.0E-02	I								1.2E+03	n	1.2E+04	n					7.3E+02	n		7.2E+00	
Butadiene, 1,3-	106-99-0	3.4E+00	C	3.0E-05	I			2.0E-03	I	V				5.4E-02	c*	2.6E-01	c*	8.1E-02	c*	4.1E-01	c*	1.8E-02	c		9.8E-06		
Butanol, N-	71-36-3					1.0E-01	I								6.1E+03	n	6.2E+04	n					3.7E+03	n		7.5E-01	
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I							2.6E+02	c*	9.1E+02	c					3.5E+01	c		6.7E-01		
Butyl alcohol, sec-	78-92-2					2.0E+00	P	3.0E+01	P					1.6E+05	nm	2.0E+06	nm	3.1E+04	n	1.3E+05	n		7.3E+04	n			
Butylate	2008-41-5					5.0E-02	I							3.1E+03	n	3.1E+04	n					1.8E+03	n		2.6E+00		
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I							6.1E+04	n	6.2E+05	nm					3.7E+04	n		1.1E+03		
Cacodylic Acid	75-60-5					2.0E-02	A							1.2E+03	n	1.2E+04	n					7.3E+02	n				
Cadmium (Diet)	7440-43-9	4.2E-03	C			1.0E-03	I	1.0E-05	A		0.025	0.001		7.0E+01	n	8.0E+02	n								5.0E+00	1.4E+00	3.8E-01
Cadmium (Water)	7440-43-9	1.8E-03	I			5.0E-04	I	1.0E-05	A		0.05	0.001		7.0E+01	n	8.0E+02	n	1.4E-03	c**	6.8E-03	c**	1.8E+01	n		5.7E+00		
Caprolactam	105-60-2					5.0E-01	I							3.1E+04	n	3.1E+05	nm					1.8E+04	n		5.7E+00		
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I							3.2E+00	c*	1.1E+01	c	5.7E-02	c	2.9E-01	c	4.5E-01	c		2.5E-03		
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I							2.1E+02	c*	7.5E+02	c	3.7E+00	c	1.9E+01	c	2.9E+01	c		5.6E-02		
Carbaryl	63-25-2					1.0E-01	I							6.1E+03	n	6.2E+04	n					3.7E+03	n		2.5E+00		
Carbofuran	1563-66-2					5.0E-03	I							3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	6.2E-02	1.4E-02	
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V				6.7E+02	ns	3.0E+03	ns	7.3E+02	n	3.1E+03	n	1.0E+03	n		2.7E-01		
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V				2.5E-01	c	1.3E+00	c	1.6E-01	c	8.2E-01	c	2.0E-01	c	5.0E+00	7.9E-05	2.0E-03	
Carbosulfan	55285-14-8					1.0E-02	I							6.1E+02	n	6.2E+03	n					3.7E+02	n		1.1E+01		
Carboxin	5234-68-4					1.0E-01	I							6.1E+03	n	6.2E+04	n					3.7E+03	n		1.3E+00		
Chloral Hydrate	302-17-0					1.0E-01	I							6.1E+03	n	6.2E+04	n					3.7E+03	n		7.4E-01		
Chloramben	133-90-4					1.5E-02	I							9.2E+02	n	9.2E+03	n					5.5E+02	n		1.2E-01		
Chloranil	118-75-2	4.0E-01	H											1.2E+00	c	4.3E+00	c					1.7E-01	c		3.7E-05		
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			0.04		1.6E+00	c*	6.5E+00	c*	2.4E-02	c*	1.2E-01	c*	1.9E-01	c*	2.0E+00	3.3E-02	3.5E-01	
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C	5.0E-04	A							3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	4.2E-03	c		1.5E-04		
Chlorfenvinphos	470-90-6					7.0E-04	A							4.3E+01	n	4.3E+02	n					2.6E+01	n		3.5E-02		
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I							1.2E+03	n	1.2E+04	n					7.3E+02	n		2.6E-01		
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A					7.5E+03	n	9.1E+04	n	1.5E-01	n	6.4E-01	n	3.7E+03	n		1.6E+00		
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I					2.3E+03	n	3.0E+04	n	2.1E-01	n	8.8E-01	n	1.1E+03	n				
Chlorite (Sodium Salt)	7758-19-2					3.0E-02	I							2.3E+03	n	3.1E+04	n					1.1E+03	n				
Chloro-1,1-difluoroethane, 1-	75-68-3							5.0E+01	I	V			1.2E+03	8.6E+02	ns	2.5E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		5.3E+01		
Chloro-1,3-butadiene, 2-	126-99-8					2.0E-02	H	7.0E-03	H	V				8.6E+02	ns	3.6E+01	n	7.3E+00	n	3.1E+01	n	1.4E+01	n		7.7E-03		
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H											1.1E+00	c	3.7E+00	c					1.5E-01	c		6.4E-05		
Chloro-2-methylaniline, 4-	95-69-2	2.7E-01	C	7.7E-05	C									1.8E+00	c	6.4E+00	c	3.2E-02	c	1.6E-01	c	2.5E-01	c		1.1E-04		
Chloroacetic Acid	79-11-8					2.0E-03	H							1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02		
Chloroacetophenone, 2-	532-27-4							3.0E-05	I					4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n						
Chloroaniline, p-	106-47-8	2.0E-01	P			4.0E-03	I							2.4E+00	c	8.6E+00	c					3.4E-01	c		1.2E-04		
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V				3.1E+02	n	1.5E+03	ns	5.2E+01	n	2.2E+02	n	9.1E+01	n	4.0E+02	6.8E-02	7.5E-02	
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I							4.4E+00	c	1.6E+01	c	7.8E-02	c	4.0E-01	c	6.1E-01	c		1.7E-03		
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V			5.5E+02	2.1E+02	ns	2.4E+03	ns	3.1E+02	n	1.3E+03	n	9.3E+01	n		3.9E-01		
Chlorobutane, 1-	109-69-3					4.0E-02	P			V			7.9E+02	3.1E+03	ns	4.1E+04	ns					1.5E+03	n		6.2E-01		
Chlorodifluoromethane	75-45-6							5.0E+01	I	V			1.7E+03	5.3E+04	ns	2.2E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.4E+01		
Chloroform	67-66-3	3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V			2.7E+03	3.0E-01	c	1.5E+00	c	1.1E-01	c	5.3E-01	c	1.9E-01	c		5.5E-05		
Chloromethane	74-87-3							9.0E-02	I	V			1.4E+03	1.2E+02	n	5.1E+02	n	9.4E+01	n	3.9E+02	n	1.9E+02	n		4.9E-02		
Chloromethyl Methyl Ether	107-30-2	2.4E+00	C	6.9E-04	C									1.8E-02	c	8.8E-02	c	3.5E-03	c	1.8E-02	c	5.6E-03	c		1.2E-06		
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V			2.1E+02	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		1.8E+01		
Chloronitrobenzene, o-	88-73-3	9.7E-03	P			1.0E-03	P	7.0E-05	P				0.1	5.0E+01	c**	1.8E+02	c**	7.3E-02	n	3.1E-01	n	6.9E+00	c**		5.8E-03		
Chloronitrobenzene, p-	100-00-5	6.3E-03	P			1.0E-03	P	6.0E-04	P				0.1	6.1E+01	n	2.7E+02	c**	6.3E-01	n	2.6E+00	n	1.1E+01	c**		8.7E-03		
Chlorophenol, 2-	95-57-8					5.0E-03	I			V			7.9E+04	3.9E+02	n	5.1E+03	n					1.8E+02	n		2.0E-01		
Chloropicrin	76-06-2							4.0E-04	C																		
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I						0.1	1.6E+02	c**	5.6E+02	c*	2.7E+00	c	1.4E+01	c	2.2E+01	c*		1.1E-01		
Chlorotoluene, o-	95-49-8					2.0E-02	I			V			1.0E+03	1.6E+03	ns	2.0E+04	ns					7.3E+0					

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Contaminant		Toxicity and Chemical-specific Information											Screening Levels							Protection of Groundwater Soil Screening Levels									
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³) ¹	k _e (y)	RfDo (mg/kg-day)	k _e (y)	RfCI (mg/m ³)	k _e (y)	v _o (y)	muta-gen	GIABS	ABS	Csat (mg/kg)	Residential Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Residential Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
-Cyanogen Chloride	506-77-4					5.0E-02	I				V				3.9E+03	n	5.1E+04	n					1.8E+03	n					
-Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V					1.6E+03	n	2.0E+04	n	3.1E+00	n	1.3E+01	n	6.2E+00	n					
-Potassium Cyanide	151-50-8					5.0E-02	I								3.9E+03	n	5.1E+04	n					1.8E+03	n					
-Potassium Silver Cyanide	506-61-6					2.0E-01	I						0.04		1.6E+04	n	2.0E+05	nm					7.3E+03	n					
-Silver Cyanide	506-64-9					1.0E-01	I						0.04		7.8E+03	n	1.0E+05	nm					3.7E+03	n					
-Sodium Cyanide	143-33-9					4.0E-02	I								3.1E+03	n	4.1E+04	n					1.5E+03	n					
-Thiocyanate	463-56-9					2.0E-04	P				V			5.6E+03									7.3E+00	n		1.5E-03			
-Zinc Cyanide	557-21-1					5.0E-02	I								3.9E+03	n	5.1E+04	n					1.8E+03	n					
Cyclohexane	110-82-7							6.0E+00	I	V				1.2E+02					6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01			
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H										0.1	2.1E+01	c	7.5E+01	c					2.9E+00	c		2.0E-02				
Cyclohexanone	108-94-1					5.0E+00	I							3.1E+05	nm	3.1E+06	nm					1.8E+05	n		4.2E+01				
Cyclohexylamine	108-91-8					2.0E-01	I						0.1	1.2E+04	n	1.2E+05	nm					7.3E+03	n		2.0E+00				
Cyhalothrin/karate	68085-85-8					5.0E-03	I						0.1	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.7E+02				
Cypermethrin	52315-07-8					1.0E-02	I						0.1	6.1E+02	n	6.2E+03	n					3.7E+02	n		7.9E+01				
Cyromazine	66215-27-8					7.5E-03	I						0.1	4.6E+02	n	4.6E+03	n					2.7E+02	n		6.6E-02				
DDD	72-54-8	2.4E-01	I	6.9E-05	C								0.1	2.0E+00	c	7.2E+00	c	3.5E-02	c	1.8E-01	c	2.8E-01	c		8.6E-02				
DDE, p,p'-	72-55-9	3.4E-01	I	9.7E-05	C								0.1	1.4E+00	c	5.1E+00	c	2.5E-02	c	1.3E-01	c	2.0E-01	c		6.0E-02				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I						0.03	1.7E+00	c*	7.0E+00	c*	2.5E-02	c	1.3E-01	c	2.0E-01	c*		8.7E-02				
Dacthal	1861-32-1					1.0E-02	I						0.1	6.1E+02	n	6.2E+03	n					6.2E+02	n		2.8E-01				
Dalapon	75-99-0					3.0E-02	I						0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n	2.0E+02	2.2E-01	4.1E-02			
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	7.0E-04	I			7.0E-03	I						0.1	4.3E+02	n	2.5E+03	c**					9.6E+01	c**		7.8E+01				
Demeton	8065-48-3					4.0E-05	I						0.1	2.4E+00	n	2.5E+01	n					1.5E+00	n						
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I						0.1	4.0E+02	c*	1.4E+03	c					5.6E+01	c	4.0E+02	5.5E+00	3.9E+01			
Diallate	2303-16-4	6.1E-02	H										0.1	8.0E+00	c	2.8E+01	c					1.1E+00	c		2.5E-03				
Diazinon	333-41-5					7.0E-04	A						0.1	4.3E+01	n	4.3E+02	n					2.6E+01	n		7.3E-02				
Dibromo-3-chloropropane, 1,2-	96-12-8	8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M			1.1E+03				1.6E-04	c	2.0E-03	c	3.2E-04	c	2.0E-01	1.5E-07	9.2E-05			
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I						0.1	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.9E-01				
Dibromochloromethane	124-48-1	8.4E-02	I	2.7E-05	C	2.0E-02	I						0.1	7.0E-01	c	3.4E+00	c	9.0E-02	c	4.5E-01	c	1.5E-01	c		4.0E-05				
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V				1.4E+03				4.1E-03	c	2.0E-02	c	6.5E-03	c	5.0E-02	1.9E-06	1.5E-05			
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H							3.0E+03								3.7E+02	n		9.1E-02				
Dibutyl Phthalate	84-74-2					1.0E-01	I						0.1	6.1E+03	n	6.2E+04	n					3.7E+03	n		1.1E+01				
Dibutyltin Compounds	NA					3.0E-04	P						0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n						
Dicamba	1918-00-9					3.0E-02	I						0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.8E-01				
Dichloro-2-butene, 1,4-	764-41-0			4.2E-03	P									6.1E+02				5.8E-04	c	2.9E-03	c	1.2E-03	c		6.1E-07				
Dichloro-2-butene, cis-1,4-	1476-11-5			4.2E-03	P									6.1E+02				5.8E-04	c	2.9E-03	c	1.2E-03	c		6.1E-07				
Dichloro-2-butene, trans-1,4-	110-57-6			4.2E-03	P									6.1E+02				5.8E-04	c	2.9E-03	c	1.2E-03	c		5.8E-07				
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I						0.1	9.7E+00	c*	3.4E+01	c*					1.3E+00	c		2.7E-04				
Dichlorobenzene, 1,2-	95-50-1					9.0E-02	I	2.0E-01	H	V				2.2E+02				2.0E+03	ns	1.0E+04	ns	2.1E+02	n	8.8E+02	n	3.7E+02	6.0E+02	4.0E-01	6.6E-01
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V				2.6E+00	c	1.3E+01	c	2.2E-01	c	1.1E+00	c	4.3E-01	c	7.5E+01	4.6E-04	8.1E-02			
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I	3.4E-04	C								0.1	1.1E+00	c	3.8E+00	c	7.2E-03	c	3.6E-02	c	1.5E-01	c		2.3E-03				
Dichlorodifluoromethane	75-71-8					2.0E-01	I	2.0E-01	H	V				8.5E+02				2.1E+02	n	8.8E+02	n	3.9E+02	n		6.1E-01				
Dichloroethane, 1,1-	75-34-3	5.7E-03	C	1.6E-06	C	2.0E-01	P	2.0E-01	P	V				3.4E+00	c	1.7E+01	c	1.5E+00	c	7.7E+00	c	2.4E+00	c		7.0E-04				
Dichloroethane, 1,2-	107-06-2	9.1E-02	I	2.6E-05	I	2.0E-02	P	2.4E+00	A	V				4.5E-01	c	2.2E+00	c	9.4E-02	c	4.7E-01	c	1.5E-01	c	5.0E+00	4.4E-05	1.5E-03			
Dichloroethylene, 1,1-	75-35-4					5.0E-02	I	2.0E-01	I	V				2.5E+02	n	1.1E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n	7.0E+00	1.2E-01	2.6E-03			
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.0E-03	H						0.1	7.0E+02	n	9.2E+03	ns					3.3E+02	n		9.9E-02				
Dichloroethylene, 1,2-cis-	156-59-2					1.0E-02	P							7.8E+02	n	1.0E+04	ns					3.7E+02	n	7.0E+01	1.1E-01	2.1E-02			
Dichloroethylene, 1,2-trans-	156-60-5					2.0E-02	I	6.0E-02	P	V				1.5E+03				6.3E+01	n	2.6E+02	n	1.1E+02	n	1.0E+02	3.4E-02	3.2E-02			
Dichlorophenol, 2,4-	120-83-2					3.0E-03	I						0.1	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.8E-01				
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E-02	I						0.05	6.9E+02	n	7.7E+03	n					3.7E+02	n	7.0E+01	9.4E-02	1.8E-02			
Dichlorophenoxybutyric Acid, 4-[2,4-	94-82-6					8.0E-03	I						0.1	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.2E-01				
Dichloropropane, 1,2-	78-87-5	3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V				1.5E+03				2.4E-01	c*	1.2E+00	c*	3.9E-01	c*	5.0E+00	1.3E-04	1.7E-03			
Dichloropropane, 1,3-	142-28-9					2.0E-02	P							1.6E+03								7.3E+02	n		2.7E-01				
Dichloropropanol, 2,3-	616-23-9					3.0E-03	I						0.1	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.3E-02				
Dichloropropene, 1,3-	542-75-6																												

Key: I = IRIS; P = PPRTV; 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; F = See FAQ #28; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = 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						
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCI (mg/m ³)	k _e y	v _o	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg	
Dimethylphenol, 2,6-	576-26-1					6.0E-04	I						1	0.1	3.7E+01	n	3.7E+02	n					2.2E+01	n		3.6E-02		
Dimethylphenol, 3,4-	95-65-8					1.0E-03	I						1	0.1	6.1E+01	n	6.2E+02	n					3.7E+01	n		6.0E-02		
Dimethylterephthalate	120-61-6					1.0E-01	I			V			1	6.1E+00	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		1.0E+00		
Dinitro-o-cresol, 4,6-	534-52-1					1.0E-04	P						1	0.1	6.1E+00	n	6.2E+01	n					3.7E+00	n		5.1E-03		
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.0E-03	I						1	0.1	1.2E+02	n	1.2E+03	n					7.3E+01	n		2.1E+00		
Dinitrobenzene, 1,2-	528-29-0					1.0E-04	P						1	0.1	6.1E+00	n	6.2E+01	n					3.7E+00	n		2.4E-03		
Dinitrobenzene, 1,3-	99-65-0					1.0E-04	P						1	0.1	6.1E+00	n	6.2E+01	n					3.7E+00	n		2.3E-03		
Dinitrobenzene, 1,4-	100-25-4					1.0E-04	P						1	0.1	6.1E+00	n	6.2E+01	n					3.7E+00	n		2.3E-03		
Dinitrophenol, 2,4-	51-28-5					2.0E-03	I						1	0.1	1.2E+02	n	1.2E+03	n					7.3E+01	n		6.8E-02		
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I										1	0.1	7.1E-01	c	2.5E+00	c					9.9E-02	c		9.3E-05		
Dinitrotoluene, 2,4-	121-14-2	3.1E-01	C	8.9E-05	C	2.0E-03	I						1	0.102	1.6E+00	c*	5.5E+00	c	2.7E-02	c	1.4E-01	c	2.2E-01	c		2.0E-04		
Dinitrotoluene, 2,6-	606-20-2					1.0E-03	P						1	0.099	6.1E+01	n	6.2E+02	n					3.7E+01	n		3.4E-02		
Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E-03	I						1	0.006	1.5E+02	n	2.0E+03	n					7.3E+01	n		2.9E-02		
Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E-03	I						1	0.009	1.5E+02	n	1.9E+03	n					7.3E+01	n		2.9E-02		
Dinoseb	88-85-7					1.0E-03	I						1	0.1	6.1E+01	n	6.2E+02	n					3.7E+01	n	7.0E+00	2.7E-01	5.1E-02	
Dioxane, 1,4-	123-91-1	1.1E-02	I	7.7E-06	C	1.0E-01	A	3.6E+00	A				1	0.1	4.4E+01	c	1.6E+02	c	3.2E-01	c	1.6E+00	c	6.1E+00	c		1.2E-03		
Dioxins																												
-Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I								1	0.03	9.4E-05	c	3.9E-04	c	1.9E-06	c	9.4E-06	c	1.1E-05	c		9.0E-06		
-TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C				1	0.03	4.5E-06	c*	1.8E-05	c*	6.4E-08	c	3.2E-07	c	5.2E-07	c*	3.0E-05	1.5E-07	8.8E-06	
Diphenamid	957-51-7					3.0E-02	I						1	0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		3.4E+01		
Diphenyl Sulfone	127-63-9					3.0E-03	P						1	0.1	1.8E+02	n	1.8E+03	n					1.1E+02	n		6.6E-01		
Diphenylamine	122-39-4					2.5E-02	I						1	0.1	1.5E+03	n	1.5E+04	n					9.1E+02	n		3.6E+00		
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I								1	0.1	6.1E-01	c	2.2E+00	c	1.1E-02	c	5.6E-02	c	8.4E-02	c		6.0E-04		
Diquat	85-00-7					2.2E-03	I						1	0.1	1.3E+02	n	1.4E+03	n					8.0E+01	n	2.0E+01	3.3E-01	8.1E-02	
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C								1	0.1	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		1.4E+00		
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C								1	0.1	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		4.0E+00		
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C								1	0.1	7.2E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c				
Disulfoton	298-04-4					4.0E-05	I						1	0.1	2.4E+00	n	2.5E+01	n					1.5E+00	n		2.7E-03		
Dithiane, 1,4-	505-29-3					1.0E-02	I						1	0.1	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.9E-01		
Diuron	330-54-1					2.0E-03	I						1	0.1	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.4E-02		
Dodine	2439-10-3					4.0E-03	I						1	0.1	2.4E+02	n	2.5E+03	n					1.5E+02	n		4.5E+00		
EPTC	759-94-4					2.5E-02	I			V			1	6.2E+02	2.0E+03	ns	2.6E+04	ns					9.1E+02	n		6.5E-01		
Endosulfan	115-29-7					6.0E-03	I						1	0.1	3.7E+02	n	3.7E+03	n					2.2E+02	n		9.7E+00		
Endothall	145-73-3					2.0E-02	I						1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n	1.0E+02	1.6E-01	2.2E-02	
Endrin	72-20-8					3.0E-04	I						1	0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n	2.0E+00	2.3E-01	4.3E-02	
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V			1	8.4E+03	1.8E+01	n	7.7E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.3E-04		
Epoxybutane, 1,2-	106-88-7					2.0E-02	I	V					1	1.2E+04	1.5E+02	n	6.4E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		8.7E-03		
Ethephon	16672-87-0					5.0E-03	I						1	0.1	3.1E+02	n	3.1E+03	n					1.8E+02	n		3.8E-02		
Ethion	563-12-2					5.0E-04	I						1	0.1	3.1E+01	n	3.1E+02	n					1.8E+01	n		4.8E-01		
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H	3.0E-01	C				1	0.1	1.8E+04	n	1.8E+05	nm	3.1E+02	n	1.3E+03	n	1.1E+04	n		2.2E+00		
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I				1	0.1	2.4E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	1.5E+04	n		2.9E+00		
Ethyl Acetate	141-78-6					9.0E-01	I			V			1	1.1E+04	7.0E+04	ns	9.2E+05	nms					3.3E+04	n		7.0E+00		
Ethyl Acrylate	140-88-5	4.8E-02	H							V			1	2.6E+03	1.3E+01	c	6.0E+01	c					1.4E+00	c		3.2E-04		
Ethyl Chloride	75-00-3					1.0E+01	I	V					1	2.2E+03	1.5E+04	ns	6.2E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n		6.0E+00		
Ethyl Ether	60-29-7					2.0E-01	I	V					1	8.2E+03	1.6E+04	ns	2.0E+05	nms					7.3E+03	n		1.6E+00		
Ethyl Methacrylate	97-63-2					9.0E-02	H	V					1	1.2E+03	7.0E+03	ns	9.2E+04	ns					3.3E+03	n		7.9E-01		
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I						1	0.1	6.1E-01	n	6.2E+00	n					3.7E-01	n		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	5.5E+02	5.7E+00	c	2.9E+01	c	9.7E-01	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.9E-03	8.9E-01	
Ethylene Cyanohydrin	109-78-4					3.0E-02	P						1	0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.2E-01		
Ethylene Diamine	107-15-3					9.0E-02	P						1	0.1	5.5E+03	n	5.5E+04	n					3.3E+03	n		8.2E-01		
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C				1	0.1	1.2E+05	nm	1.2E+06	nm	4.2E+02	n	1.8E+03	n	7.3E+04	n		1.5E+01		
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I				1	0.1	3.1E+04	n	3.1E+05	nm	1.4E+04	n	5.7E+04	n	1					

Key: I = IRIS; P = PPRTV; 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; F = See FAQ #28; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = 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				
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCi (mg/m ³) ¹	k _e y	v _c	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Guthion	86-50-0					3.0E-03	A	1.0E-02	A			1	0.1		1.8E+02	n	1.8E+03	n	1.0E+01	n	4.4E+01	n	1.1E+02	n		3.7E-02	
Haloxyfop, Methyl Harmony	69806-40-2 79277-27-3					5.0E-05	I	1.3E-02	I			1	0.1		3.1E+00	n	3.1E+01	n	7.9E+02	n	8.0E+03	n	1.8E+00	n		6.5E-02	
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	A					1	0.1		1.1E-01	c	3.8E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c	4.0E-01	1.6E-03	4.2E-02
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		5.3E-02	c*	1.9E-01	c*	9.4E-04	c	4.7E-03	c	7.4E-03	c*	2.0E-01	7.9E-05	2.1E-03
Hexabromobenzene	87-82-1					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		5.1E-01	
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I					1	0.1		1.6E+01	n	2.0E+02	n					7.3E+00	n			
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c	1.0E+00	2.9E-04	7.0E-03
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		6.2E+00	c**	2.2E+01	c*	1.1E-01	c	5.6E-01	c	8.6E-01	c*		1.9E-03	
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		7.7E-02	c	2.7E-01	c	1.4E-03	c	6.8E-03	c	1.1E-02	c		7.4E-05	
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							1	0.1		2.7E-01	c	9.6E-01	c	4.6E-03	c	2.3E-02	c	3.7E-02	c		2.6E-04	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		5.2E-01	c*	2.1E+00	c	7.8E-03	c	4.0E-02	c	6.1E-02	c	2.0E-01	4.3E-04	1.4E-03
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							1	0.1		2.7E-01	c	9.6E-01	c	4.8E-03	c	2.4E-02	c	3.7E-02	c		2.6E-04	
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I			1	0.1		3.7E+02	n	3.7E+03	n	2.1E-01	n	8.8E-01	n	2.2E+02	n	5.0E+01	8.0E-01	1.8E-01
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1		3.5E+01	c**	1.2E+02	c**	6.1E-01	c	3.1E+00	c	4.8E+00	c**		3.2E-03	
Hexachlorophene	70-30-4					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		1.4E+01	
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	1.1E-01	I			3.0E-03	I					1	0.015		5.5E+00	c*	2.4E+01	c					6.1E-01	c		3.6E-04	
Hexamethylene Diisocyanate, 1,6-	822-06-0					1.0E-05	I	1.0E-05	I	V		1		4.1E+03									2.1E-02	n		2.5E-04	
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V		1		1.4E+02									2.8E+02	n		6.2E+00	
Hexanedioic Acid	124-04-9					2.0E+00	P					1	0.1		1.2E+05	nm	1.2E+06	nm					7.3E+04	n		1.8E+01	
Hexazinone	51235-04-2					3.3E-02	I					1	0.1		2.0E+03	n	2.0E+04	n					1.2E+03	n		1.7E+00	
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C			1			2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c			
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							1			2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c			
Hydrogen Chloride	7647-01-0							2.0E-02	I			1			2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n					
Hydrogen Fluoride	7664-39-3					4.0E-02	C	1.4E-02	C			1			3.1E+03	n	4.1E+04	n	1.5E+01	n	6.1E+01	n	1.5E+03	n			
Hydrogen Sulfide	7783-06-4							2.0E-03	I			1			2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n					
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P					1	0.1		8.7E+00	c	3.1E+01	c					1.2E+00	c		1.3E-03	
Imazalil	35554-44-0					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		1.9E+00	
Imazaquin	81335-37-7					2.5E-01	I					1	0.1		1.5E+04	n	1.5E+05	nm					9.1E+03	n		9.2E+01	
Iodine	7553-56-2					1.0E-02	A					1			7.8E+02	n	1.0E+04	n					3.7E+02	n		3.7E+02	
Iprodione	36734-19-7					4.0E-02	I					1	0.1		2.4E+03	n	2.5E+04	n					1.5E+03	n		7.0E-01	
Iron	7439-89-6					7.0E-01	P			V		1		9.6E+03									5.5E+02	n		6.4E+02	
Isobutyl Alcohol	78-83-1					3.0E-01	I					1			2.3E+04	ns	3.1E+05	nms					1.1E+04	n		2.2E+00	
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		5.1E+02	c*	1.8E+03	c*	2.1E+03	n	8.8E+03	n	7.1E+01	c		2.2E-02	
Isopropalin	33820-53-0					1.5E-02	I					1	0.1		9.2E+02	n	9.2E+03	n					5.5E+02	n		7.4E+00	
Isopropanol	67-63-0							7.0E+00	C			1	0.1		9.9E+09	nm	4.2E+10	nm	7.3E+03	n	3.1E+04	n					
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		7.7E-01	
Isoxaben	82558-50-7					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		1.1E+01	
JP-7	NA							3.0E-01	A	V		1			4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n			
Kerb	23950-58-5					7.5E-02	I					1	0.1		4.6E+03	n	4.6E+04	n					2.7E+03	n		9.2E+00	
Lactofen	77501-63-4					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		3.7E+00	
Lead Compounds																											
-Lead and Compounds	7439-92-1											1			4.0E+02	nL	8.0E+02	nL						1.5E+01			
-Tetraethyl Lead	78-00-2					1.0E-07	I					1	0.1		6.1E-03	n	6.2E-02	n					3.7E-03	n		1.4E-05	
Linuron	330-55-2					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		6.6E-02	
Lithium	7439-93-2					2.0E-03	P					1			1.6E+02	n	2.0E+03	n					7.3E+01	n		2.2E+01	
Lithium Perchlorate	7791-03-9					7.0E-04	I					1			5.5E+01	n	7.2E+02	n					2.6E+01	n			
Londax	83055-99-6					2.0E-01	I					1	0.1		1.2E+04	n	1.2E+05	nm					7.3E+03	n		1.9E+00	
MCPA	94-74-6					5.0E-04	I					1	0.1		3.1E+01	n	3.1E+02	n					1.8E+01	n		4.7E-03	
MCPB	94-81-5					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.5E-01	
MCPP	93-65-2					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		1.1E-02	
Malathion	121-75-5					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.9E-01	
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C			1	0.1		6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	3.7E+03	n		7.4E-01	
Maleic Hydrazide	123-33-1					5.0E-01	I																				

Key: I = IRIS; P = PPRTV; 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; F = See FAQ #28; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = 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				
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCI (mg/m ³) ¹	k _e y	v _o l	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Methyl Acetate	79-20-9					1.0E+00	H			V				2.9E+04	7.8E+04	ns	1.0E+06	nms					3.7E+04	n		7.6E+00	2.3E-01
Methyl Acrylate	96-33-3					3.0E-02	H			V				6.9E+03	2.3E+03	n	3.1E+04	ns					1.1E+03	n		1.5E+00	1.3E-01
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V				2.8E+04	2.8E+04	ns	1.9E+05	nms	5.2E+03	n	2.2E+04	n	7.1E+03	n		2.5E+00	2.3E-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V				3.2E+03	5.3E+03	ns	5.2E+04	ns	3.1E+03	n	1.3E+04	n	2.0E+03	n		4.4E-01	3.1E-01
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V				2.5E+03	4.7E+03	ns	2.0E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		1.1E-02	1.5E-01
Methyl Parathion	298-00-0					2.5E-04	P						0.1	1.5E+01	n	1.5E+02	n						9.1E+00	n		1.1E-02	1.5E-01
Methyl Phosphonic Acid	993-13-5					2.0E-02	I						0.1	1.2E+03	n	1.2E+04	n						7.3E+02	n		1.1E-01	1.1E-01
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V				4.5E+02	1.9E+02	n	1.1E+03	ns	4.2E+01	n	1.8E+02	n	6.0E+01	n		1.5E-04	1.5E-01
Methyl methanesulfonate	66-27-3	9.9E-02	C	2.8E-05	C								0.1	4.9E+00	c	1.7E+01	c	8.7E-02	c	4.4E-01	c	6.8E-01	c		2.7E-03	7.6E-04	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V				3.9E+01	c	1.9E+02	c	9.4E+00	c	4.7E+01	c	1.2E+01	c		2.7E-03	7.6E-04	
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H										0.1	1.5E+01	c	5.2E+01	c					2.0E+00	c		2.0E+00	2.0E+00	
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C								0.1	3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c	5.2E-01	c		1.8E-04	1.8E-04	
Methylarsonic acid	124-58-3					1.0E-02	A						0.1	6.1E+02	n	6.2E+03	n						3.7E+02	n		1.8E-04	1.8E-04
Methylcholanthrene, 3-	56-49-5	2.2E+01	C	6.3E-03	C								0.1	2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.1E-03	c		8.0E-03	8.0E-03	
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V				3.5E+03	1.1E+01	c	5.4E+01	c	5.2E+00	c	2.6E+01	c	4.8E+00	c	5.0E+00	1.2E-03	1.3E-03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P						M	1.2E+00	c	1.7E+01	c*	2.2E-03	c	2.9E-02	c	2.2E-01	c		5.9E-03	5.9E-03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I	1.3E-05	C								0.1	1.1E+01	c	3.7E+01	c	1.9E-01	c	9.4E-01	c	1.5E+00	c		4.3E-02	4.3E-02	
Methylenebisbenzamide, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C			2.0E-02	C				0.1	3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c		4.2E-04	4.2E-04	
Methylenediphenyl Diisocyanate	101-68-8					6.0E-04	I						0.1	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n				4.7E+00	4.7E+00	
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V				4.5E+02	5.5E+03	ns	7.2E+04	ns					2.6E+03	n		4.7E+00	4.7E+00
Metolachlor	51218-45-2					1.5E-01	I						0.1	9.2E+03	n	9.2E+04	n						5.5E+03	n		4.3E+00	4.3E+00
Metribuzin	21087-64-9					2.5E-02	I						0.1	1.5E+03	n	1.5E+04	n						9.1E+02	n		2.4E+00	2.4E+00
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I						0.1	2.7E-02	c	9.6E-02	c	4.8E-04	c	2.4E-03	c	3.7E-03	c		3.5E-03	3.5E-03	
Molinate	2212-67-1					2.0E-03	I						0.1	1.2E+02	n	1.2E+03	n						7.3E+01	n		5.6E-02	5.6E-02
Molybdenum	7439-98-7					5.0E-03	I						0.1	3.9E+02	n	5.1E+03	n						1.8E+02	n		3.7E+00	3.7E+00
Monochloramine	10599-90-3					1.0E-01	I						0.1	7.8E+03	n	1.0E+05	nm						3.7E+03	n		3.7E+03	3.7E+03
Monomethylamine	100-61-8					2.0E-03	P						0.1	1.2E+02	n	1.2E+03	n						7.3E+01	n		2.4E-02	2.4E-02
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	P						0.1	1.8E+01	n	1.8E+02	n						1.1E+01	n		2.8E+00	2.8E+00
Naled	300-76-5					2.0E-03	I						0.1	1.2E+02	n	1.2E+03	n						7.3E+01	n		2.9E-02	2.9E-02
Naphthylamine, 2-	91-59-8	1.8E+00	C	0.0E+00	C								0.1	2.7E-01	c	9.6E-01	c						3.7E-02	c		2.3E-04	2.3E-04
Napropamide	15299-99-7					1.0E-01	I						0.1	6.1E+03	n	6.2E+04	n						3.7E+03	n		8.5E+01	8.5E+01
Nickel Refinery Dust	NA	2.4E-04	I									0.04		1.4E+04	c	6.9E+04	c	1.0E-02	c	5.1E-02	c				1.0E+04	1.0E+04	
Nickel Soluble Salts	7440-02-0					2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04	1.5E+03	n	2.0E+04	n	9.4E-03	c*	4.7E-02	c**	7.3E+02	n		4.8E+01	4.8E+01	
Nickel Sub sulfide	12035-72-2	1.7E+00	C	4.8E-04	I							0.04		3.8E-01	c	1.7E+00	c	5.1E-03	c	2.6E-02	c	4.0E-02	c		4.0E-02	4.0E-02	
Nitrate	14797-55-8					1.6E+00	I						0.1	1.3E+05	nm	1.6E+06	nm						5.8E+04	n	1.0E+04	1.0E+04	
Nitrite	14797-65-0					1.0E-01	I						0.1	7.8E+03	n	1.0E+05	nm						3.7E+03	n	1.0E+03	1.0E+03	
Nitroaniline, 2-	88-74-4					3.0E-03	P	1.0E-04	P				0.1	1.8E+02	n	1.8E+03	n	1.0E-01	n	4.4E-01	n	1.1E+02	n		3.3E-02	3.3E-02	
Nitroaniline, 4-	100-01-6	2.0E-02	P			4.0E-03	P	6.0E-03	P				0.1	2.4E+01	c*	8.6E+01	c*	6.3E+00	n	2.6E+01	n	3.4E+00	c*		1.0E-03	1.0E-03	
Nitrobenzene	98-95-3					4.0E-05	I	2.0E-03	I	9.0E-03	I	V		2.6E+03	4.4E+00	c*	2.2E+01	c*	6.1E-02	c	3.1E-01	c	1.2E-01	c		7.1E-05	7.1E-05
Nitrofurantoin	67-20-9					7.0E-02	H						0.1	4.3E+03	n	4.3E+04	n						2.6E+03	n		1.9E+00	1.9E+00
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C								0.1	3.7E-01	c	1.3E+00	c	6.6E-03	c	3.3E-02	c	5.2E-02	c		4.9E-05	4.9E-05	
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P						0.1	6.1E+00	n	6.2E+01	n						3.7E+00	n		1.7E-03	1.7E-03
Nitroguanidine	556-88-7					1.0E-01	I						0.1	6.1E+03	n	6.2E+04	n						3.7E+03	n		9.2E-01	9.2E-01
Nitromethane	75-52-5					9.0E-06	P			2.0E-02	P	V		1.7E+04	4.7E+00	c*	2.4E+01	c*	2.7E-01	c*	1.4E+00	c*	5.4E-01	c*		1.2E-04	1.2E-04
Nitropropane, 2-	79-46-9					2.7E-03	H			2.0E-02	I	V		4.3E+03	1.2E-02	c	6.0E-02	c	9.0E-04	c	4.5E-03	c	1.8E-03	c		4.5E-07	4.5E-07
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C								0.1	1.8E-02	c	6.4E-02	c	3.2E-04	c	1.6E-03	c	2.5E-03	c		6.8E-07	6.8E-07	
Nitroso-N-methylurea, N-	684-93-5	1.2E+02	C	3.4E-02	C								0.1	4.0E-03	c	1.4E-02	c	7.2E-05	c	3.6E-04	c	5.6E-04	c		1.3E-07	1.3E-07	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I					V			0.1	9.3E-02	c	4.3E-01	c	1.5E-03	c	7.7E-03	c	2.4E-03	c		8.6E-06	8.6E-06	
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I	2.0E-03	C								0.1	6.9E-02	c	2.5E-01	c	1.2E-03	c	6.1E-03	c	9.6E-03	c		1.1E-05	1.1E-05	
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I	8.0E-04	C								0.1	1.7E-01	c	6.2E-01	c										

Key: I = IRIS; P = PPRTV; 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; F = See FAQ #28; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = 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				
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ²	k _e y	RfDo (mg/kg-day)	k _e y	RfCI (mg/m ³) ³	k _e y	v _o c	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Permethrin	52645-53-1					5.0E-02	I						1	0.1	3.1E+03	n	3.1E+04	n					1.8E+03	n		6.5E+02	
Phenacetin	62-44-2	2.2E-03	C	6.3E-07	C								1	0.1	2.2E+02	c	7.8E+02	c	3.9E+00	c	1.9E+01	c	3.1E+01	c		9.2E-03	
Phenmedipham	13684-63-4					2.5E-01	I						1	0.1	1.5E+04	n	1.5E+05	nm					9.1E+03	n		6.8E+00	
Phenol	108-95-2					3.0E-01	I	2.0E-01	C				1	0.1	1.8E+04	n	3.7E+05	nm	2.1E+02	n	8.8E+02	n	1.1E+04	n		8.1E+00	
Phenylenediamine, m-	108-45-2					6.0E-03	I						1	0.1	3.7E+02	n	1.8E+03	n					2.2E+02	n		7.6E-02	
Phenylenediamine, o-	95-54-5	4.7E-02	H										1	0.1	1.0E+01	c	3.7E+01	c					1.4E+00	c		5.0E-04	
Phenylenediamine, p-	106-50-3					1.9E-01	H						1	0.1	1.2E+04	n	1.2E+05	nm					6.9E+03	n		2.4E+00	
Phenylphenol, 2-	90-43-7	1.9E-03	H										1	0.1	2.5E+02	c	8.9E+02	c					3.5E+01	c		7.2E-01	
Phorate	298-02-2					2.0E-04	H						1	0.1	1.2E+01	n	1.2E+02	n					7.3E+00	n		7.9E-03	
Phosgene	75-44-5							3.0E-04	I	V			1	8.7E+04	4.0E-01	n	1.7E+00	n	3.1E-01	n	1.3E+00	n				2.1E-01	
Phosmet	732-11-6					2.0E-02	I						1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n			
Phosphine	7803-51-2					3.0E-04	I	3.0E-04	I				1		2.3E+01	n	3.1E+02	n	3.1E-01	n	1.3E+00	n	1.1E+01	n			
Phosphoric Acid	7664-38-2					1.0E-02	I						1		1.4E+07	nm	6.0E+07	nm	1.0E+01	n	4.4E+01	n					
Phosphorus, White	7723-14-0					2.0E-05	I						1		1.6E+00	n	2.0E+01	n					7.3E-01	n		2.7E-03	
Phthalic Acid, P-	100-21-0					1.0E+00	H						1	0.1	6.1E+04	n	6.2E+05	nm					3.7E+04	n		1.3E+01	
Phthalic Anhydride	85-44-9					2.0E+00	I	2.0E-02	C				1	0.1	1.2E+05	nm	1.2E+06	nm	2.1E+01	n	8.8E+01	n	7.3E+04	n		1.6E+01	
Picloram	1918-02-1					7.0E-02	I						1	0.1	4.3E+03	n	4.3E+04	n					2.6E+03	n	5.0E+02	6.0E-01	1.2E-01
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-03	P						1	0.1	1.2E+02	n	1.2E+03	n					3.7E+01	n		2.9E-02	
Pirimiphos, Methyl	29232-93-7					1.0E-02	I						1	0.1	6.1E+02	n	6.2E+03	n					7.3E+02	n		1.7E-01	
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H						1	0.1	1.6E-02	c*	5.7E-02	c*	2.8E-04	c	1.4E-03	c	2.2E-03	c			
Polychlorinated Biphenyls (PCBs)																											
-Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I						1	0.14	3.9E+00	n	2.1E+01	c**	1.2E-01	c	6.1E-01	c	9.6E-01	c**		5.2E-02	
-Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I					V			1	0.14	1.7E-01	c	6.2E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.4E-04	
-Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I					V			1	0.14	1.7E-01	c	6.2E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.4E-04	
-Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I								1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		3.0E-03	
-Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I								1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		3.0E-03	
-Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I						1	0.14	2.2E-01	c**	7.4E-01	c*	4.3E-03	c	2.1E-02	c	3.4E-02	c*		5.1E-03	
-Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I								1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		1.4E-02	
-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		2.1E-03	
-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		1.3E-03	
-Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)	69782-90-7	6.5E+02	C	1.9E-02	C								1	0.14	6.8E-04	c	2.3E-03	c	1.3E-04	c	6.5E-04	c	1.0E-04	c		2.6E-05	
-Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 156)	38380-08-4	6.5E+02	C	1.9E-02	C								1	0.14	6.8E-04	c	2.3E-03	c	1.3E-04	c	6.5E-04	c	1.0E-04	c		2.6E-05	
-Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		1.3E-03	
-Pentachlorobiphenyl, 2',3,3',4,4',5,5'- (PCB 123)	65510-44-3	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		1.3E-03	
-Pentachlorobiphenyl, 2,3',4,4',5,5'- (PCB 118)	31508-00-6	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		1.3E-03	
-Pentachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 105)	32598-14-4	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		1.3E-03	
-Pentachlorobiphenyl, 2,3,4,4',5,5'- (PCB 114)	74472-37-0	6.5E+02	C	1.9E-02	C								1	0.14	6.8E-04	c	2.3E-03	c	1.3E-04	c	6.5E-04	c	1.0E-04	c		1.6E-05	
-Pentachlorobiphenyl, 3,3',4,4',5,5'- (PCB 126)	57465-28-8	1.3E+04	C	3.8E+00	C								1	0.14	3.4E-05	c	1.1E-04	c	6.4E-07	c	3.2E-06	c	5.2E-06	c		7.7E-07	
-Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C								1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.2E-02	c			5.0E-01	1.5E-02	4.5E-02
-Polychlorinated Biphenyls (low risk)	1336-36-3	4.0E-01	I	1.0E-04	I								1	0.14					2.4E-02	c	1.2E-01	c	1.7E-01	c			
-Polychlorinated Biphenyls (lowest risk)	1336-36-3	7.0E-02	I	5.7E-04	C								1	0.14					4.3E-03	c	2.2E-02	c					
-Tetrachlorobiphenyl, 3,3',4,4',5,5'- (PCB 77)	32598-13-3	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		4.6E-04	
-Tetrachlorobiphenyl, 3,4,4',5,5'- (PCB 81)	70362-50-4	1.3E+01	C	3.8E-03	C								1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		4.6E-04	
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I				1	0.1	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
Polynuclear Aromatic Hydrocarbons (PAHs)																											
-Acenaphthene	83-32-9					6.0E-02	I			V			1	0.13	3.4E+03	n	3.3E+04	n					2.2E+03	n		2.7E+01	
-Anthracene	120-12-7					3.0E-01	I			V			1	0.13	1.7E+04	n	1.7E+05	nm					1.1E+04	n		4.5E+02	
-Benz[a]anthracene	56-55-3	7.3E-01	I	1.1E-04	C						M		1	0.13	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.4E-02	
-Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C						M		1	0.13	1.5E-02	c	2.1E-01	c	8.7E-04	c	1.1E-02	c	2.9E-03	c	2.0E-01	4.6E-03	3.1E-01
-Benzo[b]fluoranthene	205-99-2	7.3E-01	I	1.1E-04	C						M		1	0.13	1.5E-01	c	2.1E+00	c</									

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Contaminant		Toxicity and Chemical-specific Information													Screening Levels							Protection of Groundwater Soil Screening Levels					
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCI (mg/m ³) ¹	k _e y	v _o c	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Pydn	51630-58-1					2.5E-02	I								1.5E+03	n	1.5E+04	n					9.1E+02	n			8.1E+02
Pyridine	110-86-1					1.0E-03	I			V				3.0E+05	7.8E+01	n	1.0E+03	n					3.7E+01	n			9.7E-03
Quinalphos	13593-03-8					5.0E-04	I								3.1E+01	n	3.1E+02	n					1.8E+01	n			7.1E-02
Quinoline	91-22-5	3.0E+00	I												1.6E-01	c	5.7E-01	c					2.2E-02	c			8.7E-05
Refractory Ceramic Fibers	NA							3.0E-02	A						4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n					
Resmethrin	10453-86-8					3.0E-02	I								1.8E+03	n	1.8E+04	n					1.1E+03	n			9.3E+02
Ronnel	299-84-3					5.0E-02	H								3.1E+03	n	3.1E+04	n					1.8E+03	n			7.7E+00
Rotenone	83-79-4					4.0E-03	I								2.4E+02	n	2.5E+03	n					1.5E+02	n			1.0E+02
Safrole	94-59-7	2.2E-01	C	6.3E-05	C										2.2E+00	c	7.8E+00	c	3.9E-02	c	1.9E-01	c	3.1E-01	c			2.4E-04
Savay	78587-05-0					2.5E-02	I								1.5E+03	n	1.5E+04	n					9.1E+02	n			7.6E+00
Selenious Acid	7783-00-8					5.0E-03	I								3.9E+02	n	5.1E+03	n					1.8E+02	n			
Selenium	7782-49-2					5.0E-03	I	2.0E-02	C						3.9E+02	n	5.1E+03	n	2.1E+01	n	8.8E+01	n	1.8E+02	n	5.0E+01		9.5E-01
Selenourea	630-10-4					5.0E-03	H								3.1E+02	n	3.1E+03	n					1.8E+02	n			2.6E-01
Sethoxydim	74051-80-2					9.0E-02	I								5.5E+03	n	5.5E+04	n					3.3E+03	n			1.9E+01
Silver	7440-22-4					5.0E-03	I					0.04			3.9E+02	n	5.1E+03	n					1.8E+02	n			1.6E+00
Simazine	122-34-9	1.2E-01	H			5.0E-03	I								4.0E+00	c*	1.4E+01	c					5.6E-01	c	4.0E+00		2.8E-04
Sodium Acifluorfen	62476-59-9					1.3E-02	I								7.9E+02	n	8.0E+03	n					4.7E+02	n			3.1E+00
Sodium Azide	26628-22-8					4.0E-03	I								3.1E+02	n	4.1E+03	n					1.5E+02	n			
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H			3.0E-02	I								1.8E+00	c	6.4E+00	c					2.5E-01	c			
Sodium Fluoride	7681-49-4					5.0E-02	A								3.9E+03	n	5.1E+04	n					1.8E+03	n			
Sodium Fluoroacetate	62-74-8					2.0E-05	I						0.1		1.2E+00	n	1.2E+01	n					7.3E-01	n			1.5E-04
Sodium Metavanadate	13718-26-8					1.0E-03	H								7.8E+01	n	1.0E+03	n					3.7E+01	n			
Sodium Perchlorate	7601-89-0					7.0E-04	I								5.5E+01	n	7.2E+02	n					2.6E+01	n			
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I								2.0E+01	c*	7.2E+01	c					2.8E+00	c			2.2E-03
Strontium, Stable	7440-24-6					6.0E-01	I								4.7E+04	nm	6.1E+05	nm					2.2E+04	n			7.7E+02
Strychnine	57-24-9					3.0E-04	I						0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n			1.4E-01
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V				1.0E+03	6.5E+03	ns	3.8E+04	ns	1.0E+03	n	4.4E+03	n	1.6E+03	n	1.0E+02		2.0E+00
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P								3.1E+02	n	3.1E+03	n					1.8E+02	n			2.8E+00
Systhane	88671-89-0					2.5E-02	I								1.5E+03	n	1.5E+04	n					9.1E+02	n			2.1E+02
TCMTB	21564-17-0					3.0E-02	H								1.8E+03	n	1.8E+04	n					1.1E+03	n			8.3E+00
Tebuthiuron	34014-18-1					7.0E-02	I								4.3E+03	n	4.3E+04	n					2.6E+03	n			6.3E-01
Temephos	3383-96-8					2.0E-02	H								1.2E+03	n	1.2E+04	n					7.3E+02	n			2.3E+03
Terbacil	5902-51-2					1.3E-02	I								7.9E+02	n	8.0E+03	n					4.7E+02	n			1.7E-01
Terbufos	13071-79-9					2.5E-05	H								1.5E+00	n	1.5E+01	n					9.1E-01	n			2.0E-03
Terbutryn	886-50-0					1.0E-03	I								6.1E+01	n	6.2E+02	n					3.7E+01	n			5.4E-02
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I								7.8E+00	n	1.0E+02	n					3.7E+00	n			
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I								1.8E+01	n	1.8E+02	n					1.1E+01	n			2.8E-02
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V				7.5E+02	2.0E+00	c	9.8E+00	c	3.3E-01	c	1.7E+00	c	5.2E-01	c			2.1E-04
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P			V				2.1E+03	5.9E-01	c	2.9E+00	c	4.2E-02	c	2.1E-01	c	6.7E-02	c			2.8E-05
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V				1.8E+02	5.7E-01	c	2.7E+00	c	4.1E-01	c	2.1E+00	c	1.1E-01	c	5.0E+00		5.2E-05
Tetrachlorophenol, 2,3,4,6-	58-90-2					3.0E-02	I						0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n			4.6E+00
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H										0.1		2.4E-02	c	8.6E-02	c					3.4E-03	c			1.4E-05
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I								3.1E+01	n	3.1E+02	n					1.8E+01	n			1.4E-01
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V				8.2E+02	1.1E+05	nms	4.7E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n			9.6E+01
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P						0.1		2.4E+02	n	2.5E+03	n					1.5E+02	n			6.5E-01
Thallium (I) Nitrate	10102-45-1					9.0E-05	I								7.0E+00	n	9.2E+01	n					3.3E+00	n			
Thallium (Soluble Salts)	7440-28-0					6.5E-05	I								5.1E+00	n	6.6E+01	n					2.4E+00	n	2.0E+00		1.7E-01
Thallium Acetate	563-68-8					9.0E-05	I								7.0E+00	n	9.2E+01	n					3.3E+00	n			1.4E-01
Thallium Carbonate	6533-73-9					8.0E-05	I								6.3E+00	n	8.2E+01	n					2.9E+00	n			
Thallium Chloride	7791-12-0					8.0E-05	I								6.3E+00	n	8.2E+01	n					2.9E+00	n			
Thallium Sulfate	7446-18-6					8.0E-05	I								6.3E+00	n	8.2E+01	n					2.9E+00	n			
Thiobencarb	28249-77-6					1.0E-02	I						0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n			2.0E+00
Thiofanox	39196-18-4					3.0E-04	H						0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n			4.3E-03
Thiophanate, Methyl	23564-05-8					8.0E-02	I						0.1		4.9E+03	n	4.9E+04	n					2.9E+03	n			6.7E-01
Thiram	137-26-8					5.0E-03	I						0.1		3.1E+02	n	3.1E+03	n			</						

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Contaminant		Toxicity and Chemical-specific Information													Screening Levels								Protection of Groundwater Soil Screening Levels				
Analyte	CAS No.	SFO (mg/kg-day) ^k	k _e y	IUR (ug/m ³) ^k	k _e y	RfDo (mg/kg-day)	k _e y	RfCi (mg/m ³) ^k	k _e y	v _o c	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V		1		1.3E+03	8.0E+02	n	3.4E+03	ns	7.3E+02	n	3.1E+03	n	1.3E+03	n		8.4E-01	
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		9.4E+00	
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		4.4E+01	c**	1.6E+02	c**	7.8E-01	c	4.0E+00	c	6.1E+00	c**	5.0E+01	1.6E-02	
Trichlorophenoxy Propionic Acid, 2(2,4,5-	93-72-1					8.0E-03	I					1	0.1		4.9E+02	n	4.9E+03	n					2.9E+02	n		1.1E-01	1.8E-02
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.1E-01	
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V		1		1.4E+03	3.9E+02	n	5.1E+03	ns					1.8E+02	n		7.6E-02	
Trichloropropane, 1,2,3-	96-18-4	7.0E+00	H			6.0E-03	I			V		1		1.6E+03	9.1E-02	c	4.1E-01	c					9.6E-03	c		4.4E-06	
Trichloropropene, 1,2,3-	96-19-5					1.0E-02	P	1.0E-03	P	V		1		3.4E+02	2.7E+00	n	1.2E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		1.1E-03	
Tridiphane	58138-08-2					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		4.1E-01	
Triethylamine	121-44-8							7.0E-03	I	V		1		5.5E+04	1.7E+02	n	7.1E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		6.1E-03	
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I					1	0.1		6.3E+01	c**	2.2E+02	c*					8.7E+00	c*		1.7E-01	
Trimethyl Phosphate	512-56-1	3.7E-02	H									1	0.1		1.3E+01	c	4.7E+01	c					1.8E+00	c		3.9E-04	
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V		1		2.5E+02	6.7E+01	n	2.8E+02	ns	7.3E+00	n	3.1E+01	n	1.5E+01	n		2.4E-02	
Trimethylbenzene, 1,3,5-	108-67-8					5.0E-02	P	6.0E-03	P	V		1		2.1E+02	4.7E+01	n	2.0E+02	n	6.3E+00	n	2.6E+01	n	1.2E+01	n		2.0E-02	
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I					1	0.019		2.2E+03	n	2.7E+04	n					1.1E+03	n		2.6E+00	
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I					1	0.032		1.9E+01	c**	7.9E+01	c**					2.2E+00	c**		8.7E-03	
Triphenylphosphine Oxide	791-28-6					2.0E-02	P					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.5E+00	
Tris(2-chloroethyl)phosphate	115-96-8	1.4E-02	P			3.0E-01	P					1	0.1		3.5E+01	c	1.2E+02	c					4.8E+00	c		3.9E-03	
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P					1	0.1		1.5E+02	c*	5.4E+02	c					2.1E+01	c		9.6E+01	
Uranium (Soluble Salts)	NA					3.0E-03	I	3.0E-04	A			1			2.3E+02	n	3.1E+03	n	3.1E-01	n	1.3E+00	n	1.1E+02	n		4.9E+01	
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			4.0E+02	c**	2.0E+03	c**	2.9E-04	c*	1.5E-03	c*		3.3E+02	n		
Vanadium Sulfate	36907-42-3					2.0E-02	H					0.026			1.6E+03	n	2.0E+04	n					7.3E+02	n			
Vanadium and Compounds	NA					5.0E-03	I					1			3.9E+02	n	5.4E+03	n					1.8E+02	n		1.8E+02	
Vanadium, Metallic	7440-62-2					7.0E-03	H					0.026			5.5E+02	n	7.2E+03	n					2.6E+02	n		2.6E+02	
Vernolate	1929-77-7					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		4.2E-02	
Vinclozolin	50471-44-8					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		7.1E-01	
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V		1		2.8E+03	9.9E+02	n	4.2E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.8E-02	
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V		1		1.7E+03	1.1E-01	c*	5.8E-01	c*	7.6E-02	c*	3.8E-01	c*	1.5E-01	c*	2.0E+00	5.6E-06	7.0E-04
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		4.0E+03	6.0E-02	c	1.7E+00	c	1.6E-01	c	2.8E+00	c	1.6E-02	c		5.6E-06	
Warfarin	81-81-2					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		8.2E-03	
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V		1		3.0E+02	6.0E+02	ns	2.6E+03	ns	1.0E+02	n	4.4E+02	n	2.0E+02	n	1.0E+04	2.3E-01	1.1E+01
Xylene, P-	106-42-3							7.0E-01	C	V		1		4.5E+02	4.7E+03	ns	2.0E+04	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		1.6E+00	
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V		1		4.4E+02	4.5E+03	ns	1.9E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		1.6E+00	
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V		1		3.0E+02	5.3E+03	ns	2.3E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		1.6E+00	
Zinc (Metallic)	7440-66-6					3.0E-01	I					1			2.3E+04	n	3.1E+05	nm					1.1E+04	n		6.8E+02	
Zinc Phosphide	1314-84-7					3.0E-04	I					1			2.3E+01	n	3.1E+02	n					1.1E+01	n			
Zineb	12122-67-7					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		4.0E-01	