

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	CAS No.	Toxicity and Chemical-specific Information											Screening Levels							Protection of Groundwater Soil Screening Levels									
		SFO	k e	IUR	k e	RfDo	k e	RfCI	k e	o	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL		
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	y	gen			mg/kg	mg/kg		mg/kg		ug/m ³		ug/m ³		ug/L	ug/L	mg/kg	mg/kg			
ALAR	1596-84-5	1.8E-02	C	5.1E-06	C	1.5E-01	I						1	0.1	2.7E+01	c	9.6E+01	c	4.8E-01	c	2.4E+00	c	3.7E+00	c		8.2E-04			
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I						1	0.1	5.6E+01	c**	2.0E+02	c*					7.7E+00	c*		1.9E-03			
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V			1		1.1E+05				1.1E+00	c**	5.6E+00	c**	2.2E+00	c**		4.5E-04			
Acetochlor	34256-82-1					2.0E-02	I						1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n		4.0E-01			
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V					1.1E+05		6.1E+04	nms	3.2E+04	n	1.4E+05	n	2.2E+04	n		4.4E+00			
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V					1.1E+05		2.0E+02	n	2.1E+03	n	6.3E+01	n	2.6E+02	n	5.8E+01	n	1.2E-02		
Acetonitrile	75-05-8							6.0E-02	I	V			1		1.3E+05		8.7E+02	n	3.7E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n	2.6E-02		
Acetophenone	98-86-2					1.0E-01	I			V			1		2.3E+03		7.8E+03	ns	1.0E+05	nms			3.7E+03	n		1.1E+00			
Acetylaminofluorene, 2-	53-96-3	3.8E+00	C	1.3E-03	C								1	0.1	1.3E-01	c	4.5E-01	c	1.9E-03	c	9.4E-03	c	1.8E-02	c		9.6E-05			
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V			1		2.5E+04		1.6E-01	n	6.8E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n	8.6E-06		
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I						1	0.1	1.1E-01	c	3.8E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c		3.3E-06			
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I				1	0.1	3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	1.8E+04	n		3.7E+00			
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V			1		1.1E+04		2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*		9.9E-06	
Adiponitrile	111-69-3							6.0E-03	P				1	0.1	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n							
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I						1	0.1	8.7E+00	c*	3.1E+01	c					1.2E+00	c	2.0E+00	6.8E-04	1.1E-03		
Aldicarb	116-06-3					1.0E-03	I						1	0.1	6.1E+01	n	6.2E+02	n					3.7E+01	n		9.7E-03			
Aldicarb Sulfone	1646-88-4					1.0E-03	I						1	0.1	6.1E+01	n	6.2E+02	n					3.7E+01	n		8.0E-03			
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I						1	0.1	2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	4.0E-03	c		8.4E-04			
Allyl	74223-64-6					2.5E-01	I						1	0.1	1.5E+04	n	1.5E+05	nm					9.1E+03	n		3.1E+00			
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P				1	0.1	3.1E+02	n	3.1E+03	n	3.1E-01	n	1.3E+00	n	1.8E+02	n		3.7E-02			
Allyl Chloride	107-05-1	2.1E-02	C	6.0E-06	C			1.0E-03	I	V			1		1.5E+03		7.0E-01	c**	3.5E+00	c**	4.1E-01	c**	2.0E+00	c**	6.5E-01	c**	2.1E-04		
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P				1		7.7E+04	n	9.9E+05	nm	5.2E+00	n	2.2E+01	n	3.7E+04	n		5.5E+04			
Aluminum Phosphide	20859-73-8					4.0E-04	I						1		3.1E+01	n	4.1E+02	n					1.5E+01	n					
Amdro	67485-29-4					3.0E-04	I						1	0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.4E+04			
Ametryn	834-12-8					9.0E-03	I						1	0.1	5.5E+02	n	5.5E+03	n					3.3E+02	n		3.6E-01			
Aminobiphenyl, 4-	92-67-1	2.1E+01	C	6.0E-03	C								1	0.1	2.3E-02	c	8.2E-02	c	4.1E-04	c	2.0E-03	c	3.2E-03	c		1.1E-05			
Aminophenol, m-	591-27-5					8.0E-02	P						1	0.1	4.9E+03	n	4.9E+04	n					2.9E+03	n		1.0E+00			
Aminophenol, p-	123-30-8					2.0E-02	P						1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n		2.5E-01			
Amtraz	33089-61-1					2.5E-03	P						1	0.1	1.5E+02	n	1.5E+03	n					9.1E+01	n		1.2E+02			
Ammonia	7664-41-7							1.0E-01	I				1						1.0E+02	n	4.4E+02	n							
Ammonium Perchlorate	7790-98-9					7.0E-04	I						1		5.5E+01	n	7.2E+02	n					2.6E+01	n					
Ammonium Sulfamate	7773-06-0					2.0E-01	I						1		1.6E+04	n	2.0E+05	nm					7.3E+03	n					
Aniline	62-53-3	5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I				1	0.1	8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c*		3.4E-03			
Antimony (metallic)	7440-36-0					4.0E-04	I				0.15				3.1E+01	n	4.1E+02	n					1.5E+01	n	6.0E+00	6.6E-01	2.7E-01		
Antimony Pentoxide	1314-60-9					5.0E-04	H				0.15				3.9E+01	n	5.1E+02	n					1.8E+01	n					
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H				0.15				7.0E+01	n	9.2E+02	n					3.3E+01	n					
Antimony Tetroxide	1332-81-6					4.0E-04	H				0.15				3.1E+01	n	4.1E+02	n					1.5E+01	n					
Antimony Trioxide	1309-64-4							2.0E-04	I		0.15				2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n				6.1E+02			
Apollo	74115-24-5					1.3E-02	I						1	0.1	7.9E+02	n	8.0E+03	n					4.7E+02	n					
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H						1	0.1	1.9E+01	c	6.9E+01	c	3.4E-01	c	1.7E+00	c	2.7E+00	c		1.1E-01			
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C				1	0.03	3.9E-01	c*	1.6E+00	c	5.7E-04	c*	2.9E-03	c*	4.5E-02	c	1.0E+01	1.3E-03	2.9E-01		
Arsine	7784-42-1							5.0E-05	I				1		7.1E+04	n	3.0E+05	nm	5.2E-02	n	2.2E-01	n							
Assure	76578-14-8					9.0E-03	I						1	0.1	5.5E+02	n	5.5E+03	n					3.3E+02	n		3.6E+00			
Asulam	3337-71-1					5.0E-02	I						1	0.1	3.1E+03	n	3.1E+04	n					1.8E+03	n		5.2E-01			
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I						1	0.1	2.1E+00	c	7.5E+00	c					2.9E-01	c	3.0E+00	1.9E-04	2.0E-03		
Avermectin B1	65195-55-3					4.0E-04	I						1	0.1	2.4E+01	n	2.5E+02	n					1.5E+01	n		4.1E-02			
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V					4.9E+00	c	2.2E+01	c	7.8E-02	c	4.0E-01	c	1.2E-01	c		5.1E-04			
Barium	7440-39-3					2.0E-01	I	5.0E-04	H			0.07			1.5E+04	n	1.9E+05	nm	5.2E-01	n	2.2E+00	n	7.3E+03	n	2.0E+03	3.0E+02	8.2E+01		
Baygon	114-26-1					4.0E-03	I						1	0.1	2.4E+02	n	2.5E+03	n					1.5E+02	n		4.2E-02			
Bayleton	43121-43-3					3.0E-02	I						1	0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.2E+01			
Baythroid	68359-37-5					2.5E-02	I						1	0.1	1.5E+03	n	1.5E+04	n					9.1E+02	n		3.3E+02			
Benefin	1861-40-1					3.0E-01	I																						

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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 ⁻¹)	IUR (ug/m ³ -y) ⁻¹	k _e (y ⁻¹)	RfDo (mg/kg-day)	k _e (y ⁻¹)	RfCi (mg/m ³)	k _e (y ⁻¹)	Vo	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)	
Bromodichloromethane	75-27-4	6.2E-02	I	3.7E-05	C	2.0E-02	I	2.0E-02	I			1		9.9E+02	2.8E-01	c	1.4E+00	c	6.6E-02	c	3.3E-01	c	1.2E-01	c		3.3E-05		
Bromoforn	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I	1.4E-03	I			1	0.1		6.1E+01	c*	2.2E+02	c*	2.2E+00	c	1.1E+01	c	8.5E+00	c*		2.3E-03		
Bromomethane	74-83-9					1.4E-03	I	5.0E-03	I	V		1		3.6E+03	7.9E+00	n	3.5E+01	n	5.2E+00	n	2.2E+01	n	8.7E+00	n		2.2E-03		
Bromophos	2104-96-3					5.0E-03	H					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		7.7E-01		
Bromoxynil	1689-84-5					2.0E-02	I					1	0.1		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	0.1		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		1		6.9E+02	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					1	0.1		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					1	0.1		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			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					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		2.6E+00		
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I					1	0.1		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	0.1		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										
Cadmium (Water)	7440-43-9	1.8E-03	I			5.0E-04	I	1.0E-05	A			0.05	0.001		1.2E+03	n	1.2E+04	n	1.4E-03	c**	6.8E-03	c**	1.8E+01	n	5.0E+00	1.4E+00	3.8E-01	
Caprolactam	105-60-2					5.0E-01	I					1	0.1		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					1	0.1		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					1	0.1		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					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		2.5E+00		
Carbofuran	1563-66-2					5.0E-03	I					1	0.1		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		1		2.6E+02	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		1		4.8E+02	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					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.1E+01		
Carboxin	5234-68-4					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		1.3E+00		
Chloral Hydrate	302-17-0					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		7.4E-01		
Chloramben	133-90-4					1.5E-02	I					1	0.1		9.2E+02	n	9.2E+03	n					5.5E+02	n		1.2E-01		
Chloranil	118-75-2	4.0E-01	H			1.0E-04	I	7.0E-04	I			1	0.1		1.2E+00	c	4.3E+00	c					3.7E-01	c		3.7E-05		
Chlordane	12789-03-6	3.5E-01	C			5.0E-04	I	7.0E-04	I			1	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					1	0.1		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					1	0.1		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	0.1		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			1			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			1			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					1			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		1.2E+03	5.9E+04	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		1		8.2E+02	8.6E+00	n	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	0.1		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	0.1		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	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02		
Chloracetophenone, 2-	532-27-4							3.0E-05	I			1	0.1		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					1	0.1		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		1		8.6E+02	3.1E+02	n	1.5E+03	ns	5.2E+01	n	2.2E+02	n	9.1E+01	n	1.0E+02	6.8E-02	7.5E-02	
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		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		1		5.5E+02	2.1E+02	n	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					1		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		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		1		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		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		8.1E+03	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					1		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																									

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	k _e	IUR	k _e	RfDo	k _e	RfCI	k _e	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL	
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)			mg/kg	mg/kg	ug/m ³	ug/m ³	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/kg	mg/kg		
Cyanides																											
-Calcium Cyanide	592-01-8					4.0E-02	I							3.1E+03	n	4.1E+04	n						1.5E+03	n			
-Copper Cyanide	544-92-3					5.0E-03	I							3.9E+02	n	5.1E+03	n							1.8E+02	n		
-Cyanide (CN-)	57-12-5					2.0E-02	I							1.6E+03	n	2.0E+04	n						7.3E+02	n	2.0E+02	7.4E+00	2.0E+00
-Cyanogen	460-19-5					4.0E-02	I			V				3.1E+03	n	4.1E+04	n						1.5E+03	n			
-Cyanogen Bromide	506-68-3					9.0E-02	I			V				7.0E+03	n	9.2E+04	n						3.3E+03	n			
-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	1.6E+01	n	2.0E+02	n						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		1.2E+02							1.3E+04	n		1.3E+01	
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H											2.1E+01	c	7.5E+01	c	6.3E+03	n	2.6E+04	n		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							1.2E+04	n	1.2E+05	nm						7.3E+03	n		2.0E+00	
Cyhalothrin/karate	68085-85-8					5.0E-03	I							3.1E+02	n	3.1E+03	n						1.8E+02	n		1.7E+02	
Cypermethrin	52315-07-8					1.0E-02	I							6.1E+02	n	6.2E+03	n						3.7E+02	n		7.9E+01	
Cyromazine	66215-27-8					7.5E-03	I							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									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									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							6.1E+02	n	6.2E+03	n						3.7E+02	n		2.8E-01	
Dalapon	75-99-0					3.0E-02	I							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							4.3E+02	n	2.5E+03	c**						9.6E+01	c**		7.8E+01	
Demeton	8065-48-3					4.0E-05	I							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							4.0E+02	c*	1.4E+03	c						5.6E+01	c	4.0E+02	5.5E+00	3.9E+01
Diallylate	2303-16-4	6.1E-02	H											8.0E+00	c	2.8E+01	c						1.1E+00	c		2.5E-03	
Diazinon	333-41-5					7.0E-04	A	2.0E-04	P	2.0E-04	I	V	M	1		1.1E+03							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		5.6E-03	c	7.3E-02	c	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							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			V			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				3.4E-02	c	1.7E-01	c	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			V				7.8E+02	n	1.0E+04	ns						3.7E+02	n		9.1E-02	
Dibutyl Phthalate	84-74-2					1.0E-01	I							6.1E+03	n	6.2E+04	n						3.7E+03	n		1.1E+01	
Dibutyltin Compounds	NA					3.0E-04	P							1.8E+01	n	1.8E+02	n						1.1E+01	n			
Dicamba	1918-00-9					3.0E-02	I							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					V				2.0E-03	c	9.9E-03	c	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					V			0.1	2.1E-03	c	1.1E-02	c	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					V				7.3E-03	c	3.7E-02	c	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							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	ns	1.0E+04	ns	2.1E+02	n	8.8E+02	n		3.7E+02	n	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	C	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				1.9E+02	n	7.8E+02	n	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			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			V				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			V				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				1.1E+02	n	5.0E+02	n										

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Contaminant		Toxicity and Chemical-specific Information													Screening Levels						Protection of Groundwater Soil Screening Levels							
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCI	k	v	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL	
		(mg/kg-day) ⁻¹	y	(ug/m ³ -y)	y	(mg/kg-day)	y	(mg/m)	y	c	gen			mg/kg	mg/kg	ug/m ³	ug/m ³	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/kg	mg/kg		
Dimethyl methylphosphonate	756-79-6	1.7E-03	P			6.0E-02	P								2.9E+02	c*	1.0E+03	c*							4.0E+01	c*	8.2E-03	
Dimethylamino azobenzene [p-]	60-11-7	4.6E+00	C	1.3E-03	C										1.1E-01	c	3.7E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c		3.0E-05		
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H												8.4E-01	c	3.0E+00	c							1.2E-01	c	5.1E-05	
Dimethylaniline, 2,4-	95-68-1	7.5E-01	H												6.5E-01	c	2.3E+00	c							9.0E-02	c	3.9E-05	
Dimethylaniline, N,N-Dimethylbenzidine, 3,3'-	121-69-7 119-93-7					2.0E-03	I			V				8.2E+02	1.6E+02	n	2.0E+03	ns						7.3E+01	n	2.6E-02	n	7.3E+01
Dimethylformamide	68-12-2					1.0E-01	P	3.0E-02	I						4.4E-02	c	1.6E-01	n						6.1E-03	c	9.3E-05		
Dimethylhydrazine, 1,2-	540-73-8	5.5E+02	C	1.6E-01	C										8.8E-04	c	3.1E-03	c	1.5E-05	c	7.7E-05	c	1.2E-04	c		3.0E-08		
Dimethylphenol, 2,4-	105-67-9					2.0E-02	I								1.2E+03	n	1.2E+04	n						7.3E+02	n	1.2E+00		
Dimethylphenol, 2,6-	576-26-1					6.0E-04	I								3.7E+01	n	3.7E+02	n						2.2E+01	n	3.7E+01	n	6.0E-02
Dimethylphenol, 3,4-	95-65-8					1.0E-03	I								6.1E+01	n	6.2E+02	n						3.7E+01	n	1.0E+00		
Dimethylterephthalate	120-61-6					1.0E-01	I			V				6.1E+00	7.8E+03	ns	1.0E+05	nms						3.7E+03	n			
Dinitro-o-cresol, 4,6-	534-52-1					1.0E-04	P								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								1.2E+02	n	1.2E+03	n						7.3E+01	n	2.1E+00		
Dinitrobenzene, 1,2-	528-29-0					1.0E-04	P								6.1E+00	n	6.2E+01	n						3.7E+00	n	2.4E-03		
Dinitrobenzene, 1,3-	99-65-0					1.0E-04	I								6.1E+00	n	6.2E+01	n						3.7E+00	n	3.2E-03		
Dinitrobenzene, 1,4-	100-25-4					1.0E-04	P								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								1.2E+02	n	1.2E+03	n						3.7E+01	n	6.8E-02		
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I												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						0.102		1.6E+00	c*	5.5E+00	c	2.7E-02	c	1.4E-01	c	2.2E-01	c		2.2E-04		
Dinitrotoluene, 2,6-	606-20-2					1.0E-03	P								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							0.009	1.5E+02	n	2.0E+03	n						3.7E+01	n	2.9E-02		
Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E-03	I							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								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						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										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					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								1.8E+03	n	1.8E+04	n						1.1E+03	n	3.4E+01		
Diphenyl Sulfone	127-63-9					3.0E-03	P								1.8E+02	n	1.8E+03	n						1.1E+02	n	6.6E-01		
Diphenylamine	122-39-4					2.5E-02	I								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										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								1.3E+02	n	1.4E+03	n						8.0E+01	n	3.3E-01	8.1E-02	
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C										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										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										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								2.4E+00	n	2.5E+01	n						1.5E+00	n	2.7E-03		
Diithiane, 1,4-	505-29-3					1.0E-02	I								6.1E+02	n	6.2E+03	n						3.7E+02	n	1.9E-01		
Diuron	330-54-1					2.0E-03	I								1.2E+02	n	1.2E+03	n						7.3E+01	n	3.4E-02		
Dodine	2439-10-3					4.0E-03	I							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				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								3.7E+02	n	3.7E+03	n						2.2E+02	n	7.0E+00	2.2E-02	
Endothall	145-73-3					2.0E-02	I								1.2E+03	n	1.2E+04	n						7.3E+02	n	1.6E-01	2.2E-02	
Endrin	72-20-8					3.0E-04	I								1.8E+01	n	1.8E+02	n						1.1E+01	n	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				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						1.2E+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								3.1E+02	n	3.1E+03	n						1.8E+02	n	3.8E-02		
Ethion	563-12-2					5.0E-04	I								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						1.8E+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						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				1.1E+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					2.6E+03	1.3E+01	c	6.0E+01	c					1.4E+00	c	3.2E-04		
Ethyl Chloride	75-00-3					2.2E+03	I	1.0E+01	I	V					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																		

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	k _e	IUR	k _e	RfDo	k _e	RfCI	k _e	v	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)					gen			mg/kg	mg/kg	ug/m ³	ug/m ³	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/kg	mg/kg	
Formic Acid	64-18-6	2.0E+00			2.0E+00	H	3.0E-03						0.1	1.2E+05	nm	1.2E+06	nm	3.1E+00	n	1.3E+01	n	7.3E+04	n		1.5E+01		
Fosetyl-AL	39148-24-8				3.0E+00	I						1	0.1	1.8E+05	nm	1.8E+06	nm					1.1E+05	n				
Furans																											
-Furan	110-00-9				1.0E-03	I				V		1		6.8E+03								3.7E+01	n		1.5E-02		
Furazolidone	67-45-8	3.8E+00	H										0.1	1.3E-01	c	4.5E-01	c								3.3E-05		
Furfural	98-01-1				3.0E-03	I	5.0E-02	H					0.1	1.8E+02	n	1.8E+03	n	5.2E+01	n	2.2E+02	n	1.1E+02	n		2.6E-02		
Furium	531-82-8	1.5E+00	C	4.3E-04	C								0.1	3.2E-01	c	1.1E+00	c	5.7E-03	c	2.9E-02	c	4.5E-02	c		5.3E-05		
Furmecycloz	60568-05-0	3.0E-02	I	8.6E-06	C								0.1	1.6E+01	c	5.7E+01	c	2.8E-01	c	1.4E+00	c	2.2E+00	c		7.4E-03		
Glufosinate, Ammonium	77182-82-2				4.0E-04	I							0.1	2.4E+01	n	2.5E+02	n					1.5E+01	n		4.7E-03		
Glycidyl	765-34-4				4.0E-04	I	1.0E-03	H					0.1	2.4E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	1.5E+01	n		2.9E-03		
Glyphosate	1071-83-6				1.0E-01	I							0.1	6.1E+03	n	6.2E+04	n					3.7E+03	n	7.0E+02	8.7E-01	1.7E-01	
Goal	42874-03-3				3.0E-03	I							0.1	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.0E+01		
Guthion	86-50-0				3.0E-03	A	1.0E-02	A					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	69806-40-2				5.0E-05	I							0.1	3.1E+00	n	3.1E+01	n								1.8E+00		
Harmony	79277-27-3				1.3E-02	I							0.1	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.3E-01		
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I								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								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							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							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								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				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				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								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				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								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					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								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							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							0.015	5.5E+00	c*	2.4E+01	c								6.1E-01	3.6E-04	
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V			4.1E+03	3.7E+00	n	1.6E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		2.5E-04		
Hexane, N-	110-54-3				6.0E-02	H	7.0E-01	I	V				1.4E+02	5.7E+02	ns	2.6E+03	ns	7.3E+02	n	3.1E+03	n	8.8E+02	n		6.2E+00		
Hexanedioic Acid	124-04-9				2.0E+00	P							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							0.1	2.0E+03	n	2.0E+04	n					1.2E+03	n		1.2E+03		
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C				0.1	2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c		1.7E+00		
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I								0.1	2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c		1.7E+00		
Hydrogen Chloride	7647-01-0							2.0E-02	I				0.1	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n	1.5E+03	n		7.3E+04		
Hydrogen Fluoride	7664-39-3				4.0E-02	C	1.4E-02	C					0.1	3.1E+03	n	4.1E+04	n	1.5E+01	n	6.1E+01	n	1.5E+03	n		7.3E+04		
Hydrogen Sulfide	7783-06-4							2.0E-03	I				0.1	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n				1.2E+00	1.3E-03	
Hydroquinone	123-31-9	5.6E-02	P		4.0E-02	P							0.1	8.7E+00	c	3.1E+01	c					4.7E+02	n		1.9E+00		
Imazail	35554-44-0				1.3E-02	I							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							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							0.1	7.8E+02	n	1.0E+04	n					3.7E+02	n		3.7E+02		
Iprodione	36734-19-7				4.0E-02	I							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			9.6E+03	5.5E+04	n	7.2E+05	nm					2.6E+04	n		6.4E+02		
Isobutyl Alcohol	78-83-1				3.0E-01	I							0.1	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					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							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					0.1	9.9E+09	nm	4.2E+10	nm	7.3E+03	n	3.1E+04	n				1.1E+01		
Isopropyl Methyl Phosphonic Acid	1832-54-8				1.0E-01	I							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							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				0.1	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n		1.1E+01		
Kerb	23950-58-5				7.5E-02	I							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																					

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	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL
		(mg/kg-day) ⁻¹	(ug/m ³ -y) ⁻¹	(mg/kg-day)	(mg/m ³)	(y)	(y)	(y)	(y)	(y)	(y)	(y)	(y)	(y)	(mg/kg)	(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/L)	(ug/L)	(mg/kg)	(mg/kg)	(ug/L)	(ug/L)	(ug/L)	(mg/kg)	(mg/kg)
-Mercury, Inorganic Salts	NA					3.0E-04	I					0.07			2.3E+01	n	3.1E+02	n							1.1E+01	5.7E-01	
-Methyl Mercury	22967-92-6					1.0E-04	I					1			7.8E+00	n	1.0E+02	n							3.7E+00		
-Phenylmercuric Acetate	62-38-4					8.0E-05	I					1	0.1		4.9E+00	n	4.9E+01	n							2.9E+00	1.6E-03	
Merphos	150-50-5					3.0E-05	I					1	0.1		1.8E+00	n	1.8E+01	n							1.1E+00	1.4E-01	
Merphos Oxide	78-48-8					3.0E-05	I					1	0.1		1.8E+00	n	1.8E+01	n							1.1E+00	1.4E-03	
Metalaxyl	57837-19-1					6.0E-02	I					1	0.1		3.7E+03	n	3.7E+04	n							2.2E+03	5.4E-01	
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V		1		4.5E+03	3.2E+00	n	1.8E+01	n	7.3E-01	n	3.1E+00	n			1.0E+00	2.4E-04	
Methamidophos	10265-92-6					5.0E-05	I					1	0.1		3.1E+00	n	3.1E+01	n							1.8E+00	3.8E-04	
Methanol	67-56-1					5.0E-01	I	4.0E+00	C			1	0.1		3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n			1.8E+04	3.7E+00	
Methidathion	950-37-8					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n							3.7E+01	8.0E-03	
Methomyl	16752-77-5					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n							9.1E+02	2.0E-01	
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C							1	0.1		9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c			1.4E+00	3.8E-04	
Methoxychlor	72-43-5					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n							1.8E+02	1.6E+01	
Methoxyethanol Acetate, 2-	110-49-6					2.0E-03	H	9.0E-02	C			1	0.1		1.2E+02	n	1.2E+03	n	9.4E+01	n	3.9E+02	n			7.3E+01	1.5E-02	3.4E+00
Methoxyethanol, 2-	109-86-4					3.0E-03	P	2.0E-02	I			1	0.1		1.8E+02	n	1.8E+03	n	2.1E+01	n	8.8E+01	n			1.1E+02	2.2E-02	
Methyl Acetate	79-20-9					1.0E+00	H			V		1		2.9E+04	7.8E+04	ns	1.0E+06	nms							3.7E+04	7.6E+00	
Methyl Acrylate	96-33-3					3.0E-02	H			V		1		6.9E+03	2.3E+03	n	3.1E+04	ns							1.1E+03	2.3E-01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V		1		2.8E+04	2.8E+04	ns	1.9E+05	nms	5.2E+03	n	2.2E+04	n			7.1E+03	1.5E+00	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V		1		3.2E+03	5.3E+03	ns	5.2E+04	ns	3.1E+03	n	1.3E+04	n			2.0E+03	4.4E-01	
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V		1		2.5E+03	4.7E+03	ns	2.0E+04	ns	7.3E+02	n	3.1E+03	n			1.4E+03	3.1E-01	
Methyl Parathion	298-00-0					2.5E-04	I					1	0.1		1.5E+01	n	1.5E+02	n							9.1E+00	1.1E-02	
Methyl Phosphonic Acid	993-13-5					2.0E-02	P					1	0.1		1.2E+03	n	1.2E+04	n							7.3E+02	1.5E-01	
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V		1		4.5E+02	1.9E+02	n	1.1E+03	ns	4.2E+01	n	1.8E+02	n			6.0E+01	1.1E-01	
Methyl methanesulfonate	66-27-3	9.9E-02	C	2.8E-05	C							1	0.1		4.9E+00	c	1.7E+01	c	8.7E-02	c	4.4E-01	c			6.8E-01	1.5E-04	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		6.9E+03	3.9E+01	c	1.9E+02	c	9.4E+00	c	4.7E+01	c			1.2E+01	1.7E-03	
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1		1.5E+01	c	5.2E+01	c							2.0E+00	7.6E-04	
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							1	0.1		3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c			5.2E-01	1.8E-04	
Methylarsonic acid	124-58-3					1.0E-02	A					1	0.1		6.1E+02	n	6.2E+03	n							3.7E+02		
Methylcholanthrene, 3-	56-49-5	2.2E+01	C	6.3E-03	C							1	0.1		2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c			3.1E-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		1		3.5E+03	1.1E+01	c	5.4E+01	c	5.2E+00	c	2.6E+01	c			4.8E+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	0.1		1.2E+00	c	1.7E+01	c*	2.2E-03	c	2.9E-02	c			2.2E-01	5.9E-03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	4.6E-02	I	1.3E-05	C							1	0.1		1.1E+01	c	3.7E+01	c	1.9E-01	c	9.4E-01	c			1.5E+00	4.3E-02	
Methylenedibenzeneamine, 4,4'	101-77-9	1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c			4.2E-02	4.2E-04	
Methylenediphenyl Diisocyanate	101-68-8					6.0E-04	I					1	0.1		8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V		1		4.5E+02	5.5E+03	ns	7.2E+04	ns							2.6E+03	4.7E+00	
Metolachlor	51218-45-2					1.5E-01	I					1	0.1		9.2E+03	n	9.2E+04	n							5.5E+03	4.3E+00	
Metribuzin	21087-64-9					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n							9.1E+02	2.4E+00	
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		2.7E-02	c	9.6E-02	c	4.8E-04	c	2.4E-03	c			3.7E-03	3.5E-03	
Molinate	2212-67-1					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n							7.3E+01	5.6E-02	
Molybdenum	7439-98-7					5.0E-03	I					1			3.9E+02	n	5.1E+03	n							1.8E+02	3.7E+00	
Monochloramine	10599-90-3					1.0E-01	I					1			7.8E+03	n	1.0E+05	nm							3.7E+03		
Monomethylaniline	100-61-8					2.0E-03	P					1	0.1		1.2E+02	n	1.2E+03	n							7.3E+01	2.4E-02	
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	P					1	0.1		1.8E+01	n	1.8E+02	n							1.1E+01	2.8E+00	
Naled	300-76-5					2.0E-03	P					1	0.1		1.2E+02	n	1.2E+03	n							7.3E+01	2.9E-02	
Naphthylamine, 2-	91-59-8	1.8E+00	C	0.0E+00	C							1	0.1		2.7E-01	c	9.6E-01	c							3.7E-02	2.3E-04	
Napropamide	15299-99-7					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n							3.7E+03	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					
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	4.8E+01	
Nickel Subdisulfide	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		
Nitrate	14797-55-8					1.6E+00	I					1			1.3E+05	nm	1.6E+06	nm							5.8E+04	1.0E+04	
Nitrite	14797-65-0					1.0E-01	I					1			7.8E+03	n	1.0E+05	nm							3.7E+03	1.0E+03	
Nitroaniline, 2-	88-74-4	</																									

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 (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	k _e	IUR	k _e	RfDo	k _e	RfCI	k _e	v	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL
		(mg/kg-day) ⁻¹	(ug/m ³ -y)	(mg/kg-day)	(mg/m)	(y)	(y)	(y)	(y)	(y)	(y)	(y)	(y)	(y)	(mg/kg)	(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/kg)	(mg/kg)
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I						1	0.1	1.8E+02	n	1.8E+03	n								1.1E+01	3.1E+01
Octahydro-1,3,5,7-tetra-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I						1	0.006	3.8E+03	n	4.9E+04	n								1.8E+03	7.1E+00
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H						1	0.1	1.2E+02	n	1.2E+03	n								7.3E+01	1.3E-01
Oryzalin	19044-88-3					5.0E-02	I						1	0.1	3.1E+03	n	3.1E+04	n								1.8E+03	4.8E+00
Oxadiazon	19666-30-9					5.0E-03	I						1	0.1	3.1E+02	n	3.1E+03	n								1.8E+02	1.3E+00
Oxamyl	23135-22-0					2.5E-02	I						1	0.1	1.5E+03	n	1.5E+04	n								9.1E+02	2.0E-01
Paclitaxel	76738-62-0					1.3E-02	I						1	0.1	7.9E+02	n	8.0E+03	n								4.7E+02	1.2E+01
Paraquat Dichloride	1910-42-5					4.5E-03	I						1	0.1	2.7E+02	n	2.8E+03	n								1.6E+02	4.9E-01
Parathion	56-38-2					6.0E-03	H						1	0.1	3.7E+02	n	3.7E+03	n								2.2E+02	8.2E-01
Pebulate	1114-71-2					5.0E-02	H						1	0.1	3.1E+03	n	3.1E+04	n								2.1E+03	2.1E+00
Pendimethalin	40487-42-1					4.0E-02	I						1	0.1	2.4E+03	n	2.5E+04	n								1.5E+03	7.9E+00
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I						1	0.1	1.2E+02	n	1.2E+03	n								7.3E+01	4.5E+00
Pentabromodiphenyl ether, 2,2',4,4',5,5'-	60348-60-9					1.0E-04	I						1	0.1	7.8E+00	n	1.0E+02	n								3.7E+00	2.9E+01
Pentachlorobenzene	608-93-5					8.0E-04	I						1	0.1	4.9E+01	n	4.9E+02	n								2.9E+01	1.2E-01
Pentachloroethane	76-01-7	9.0E-02	P										1	0.1	5.4E+00	c	1.9E+01	c								7.5E-01	3.9E-04
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I						1	0.1	1.9E+00	c*	6.8E+00	c								2.6E-01	1.3E-03
Pentachlorophenol	87-86-5	1.2E-01	I	4.6E-06	C	3.0E-02	I						1	0.25	3.0E+00	c	9.0E+00	c	5.3E-01	c	2.7E+00	c	5.6E-01	c	1.0E+00	3.9E-03	7.0E-03
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I						1		5.5E+01	n	7.2E+02	n								2.6E+01	1.5E-01
Permethrin	52645-53-1					5.0E-02	I						1	0.1	3.1E+03	n	3.1E+04	n								1.8E+03	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		3.1E+01	3.2E-03
Phenmedipham	13684-63-4					2.5E-01	I						1	0.1	1.5E+04	n	1.5E+05	nm								9.1E+03	6.8E+00
Phenol	108-95-2					3.0E-01	I	2.0E-01	C				1	0.1	1.8E+04	n	1.8E+05	nm	2.1E+02	n	8.8E+02	n	1.1E+04	n		1.1E+04	8.1E+00
Phenylenediamine, m-	108-45-2					6.0E-03	I						1	0.1	3.7E+02	n	3.7E+03	n								2.2E+02	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	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	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	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	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	2.1E-01
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			1.1E+01
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	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	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	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	6.0E-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								7.3E+01	2.9E-02
Pirimiphos, Methyl	29232-93-7					1.0E-02	I						1	0.1	6.1E+02	n	6.2E+03	n								3.7E+02	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			2.2E-03
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	1.4E-04
-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		6.8E-03	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		6.8E-03	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	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	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	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	1.4E-02
-Heptachlorobiphenyl, 2,3,3',4,4',5,5'-	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		5.2E-03	2.1E-03
-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-	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		5.2E-03	1.3E-03
-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-	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	2.6E-05
-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-	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	2.6E-05
-Hexachlorobiphenyl, 3,3',4,4',5,5'-	32774-16-6	1.3E+01	C	3.8E-03	C								1	0.14</													

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 (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 ⁻¹)	IUR (ug/m ³ -y) ⁻¹	k _e (y ⁻¹)	RfDo (mg/kg-day)	k _e (y ⁻¹)	RfCI (mg/m ³)	k _e (y ⁻¹)	o _c (y ⁻¹)	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
-Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V			0.13		3.9E+00	c*	2.0E+01	c*	7.2E-02	c*	3.6E-01	c*	1.4E-01	c*		5.5E-04	
-Pyrene	129-00-0					3.0E-02	I			V			0.13		1.7E+03	n	1.7E+04	n					1.1E+03	n		1.5E+02	
Potassium Perchlorate	7778-74-7					7.0E-04	I							1	5.5E+01	n	7.2E+02	n					2.6E+01	n			
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I							1	3.2E+00	c	1.1E+01	c					4.5E-01	c		2.5E-03	
Profluralin	26399-36-0					6.0E-03	H							1	3.7E+02	n	3.7E+03	n					2.2E+02	n		8.0E+00	
Prometon	1610-18-0					1.5E-02	I							1	9.2E+02	n	9.2E+03	n					5.5E+02	n		2.8E-01	
Prometryn	7287-19-6					4.0E-03	I							1	2.4E+02	n	2.5E+03	n					1.5E+02	n		2.3E-01	
Propachlor	1918-16-7					1.3E-02	I							1	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.7E-01	
Propamil	709-98-8					5.0E-03	I							1	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.1E-01	
Propargite	2312-35-8					2.0E-02	I							1	1.2E+03	n	1.2E+04	n					7.3E+02	n		2.0E+02	
Propargyl Alcohol	107-19-7					2.0E-03	I							1	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02	
Propazine	139-40-2					2.0E-02	I							1	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.7E-01	
Propham	122-42-9					2.0E-02	I							1	1.2E+03	n	1.2E+04	n					7.3E+02	n		3.3E-01	
Propiconazole	60207-90-1					1.3E-02	I							1	7.9E+02	n	8.0E+03	n					4.7E+02	n		5.4E+00	
Propionaldehyde	123-38-6							8.0E-03	I	V					8.6E+01	n	3.6E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	
Propylene Glycol	57-55-6					2.0E+01	P							1	1.2E+06	nm	1.2E+07	nm					7.3E+05	n		1.5E+02	
Propylene Glycol Dinitrate	6423-43-4							2.7E-04	A	V				1	6.0E+01	n	2.5E+02	n	2.8E-01	n	1.2E+00	n	5.7E-01	n		1.9E-04	
Propylene Glycol Monomethyl Ether	1569-02-4					7.0E-01	H							1	4.3E+04	n	4.3E+05	nm					2.6E+04	n		5.2E+00	
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I					1	4.3E+04	n	4.3E+05	nm	2.1E+03	n	8.8E+03	n	2.6E+04	n		5.2E+00	
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I			3.0E-02	I	V				1	1.9E+00	c	8.7E+00	c	6.6E-01	c*	3.3E+00	c*	2.3E-01	c		4.7E-05	
Pursuit	81335-77-5					2.5E-01	I							1	1.5E+04	n	1.5E+05	nm					9.1E+03	n		2.7E+01	
Pydrin	51630-58-1					2.5E-02	I							1	1.5E+03	n	1.5E+04	n					9.1E+02	n		8.1E+02	
Pyridine	110-86-1					1.0E-03	I							1	7.8E+01	n	1.0E+03	n					3.7E+01	n		9.7E-03	
Quinalphos	13593-03-8					5.0E-04	I							1	3.1E+01	n	3.1E+02	n					1.8E+01	n		7.1E-02	
Quinoline	91-22-5	3.0E+00	I											1	1.6E-01	c	5.7E-01	c					2.2E-02	c		8.7E-05	
Refractory Ceramic Fibers	NA							3.0E-02	A					1	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	1.8E+03	n	1.8E+04	n					1.1E+03	n		9.3E+02	
Ronnel	299-84-3					5.0E-02	H							1	3.1E+03	n	3.1E+04	n					1.8E+03	n		7.7E+00	
Rotenone	83-79-4					4.0E-03	I							1	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									1	2.2E+00	c	7.8E+00	c	3.9E-02	c	1.9E-01	c	3.1E-01	c		2.4E-04	
Savey	78587-05-0					2.5E-02	I							1	1.5E+03	n	1.5E+04	n					9.1E+02	n		7.6E+00	
Selenious Acid	7783-00-8					5.0E-03	I							1	3.9E+02	n	5.1E+03	n					1.8E+02	n			
Selenium	7782-49-2					5.0E-03	I	2.0E-02	C					1	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	2.6E-01
Selenourea	630-10-4					5.0E-03	H							1	3.1E+02	n	3.1E+03	n					1.8E+02	n			
Sethoxydim	74051-80-2					9.0E-02	I							1	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			1	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							1	4.0E+00	c*	1.4E+01	c					5.6E-01	c	4.0E+00	2.8E-04	2.0E-03
Sodium Acifluorfen	62476-59-9					1.3E-02	I							1	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.1E+00	
Sodium Azide	26628-22-8					4.0E-03	I							1	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	1.8E+00	c	6.4E+00	c					2.5E-01	c			
Sodium Fluoride	7681-49-4					5.0E-02	A							1	3.9E+03	n	5.1E+04	n					1.8E+03	n			
Sodium Fluoroacetate	62-74-8					2.0E-05	I							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							1	7.8E+01	n	1.0E+03	n					3.7E+01	n			
Sodium Perchlorate	7601-89-0					7.0E-04	I							1	5.5E+01	n	7.2E+02	n					2.6E+01	n			
Stirofos (Tetrachlorovinphos)	961-11-5					3.0E-02	I							1	2.0E+01	c*	7.2E+01	c*					2.8E+00	c		2.2E-03	
Strontium, Stable	7440-24-6					6.0E-01	I							1	4.7E+04	n	6.1E+05	nm					2.2E+04	n		7.7E+02	
Strychnine	57-24-9					3.0E-04	I							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	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	1.2E-01
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P							1	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.8E+00	
Systhane	88671-89-0					2.5E-02	I							1	1.5E+03	n	1.5E+04	n					9.1E+02	n		2.1E+02	
TCMTB	21564-17-0					3.0E-02	H							1	1.8E+03	n	1.8E+04	n					1.1E+03	n		8.3E+00	
Tebuthiuron	34014-18-1					7.0E-02	I							1	4.3E+03	n	4.3E+04	n					2.6E+03	n		6.3E-01	
Temephos	3383-96-8					2.0E-02	H							1	1.2E+03	n	1.2E+04	n					7.3E+02	n		3.3E+03	
Terbacil	5902-51-2					1.3E-02	I							1	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.7E-01	
Terbufos	13071-79-9					2.5E-05	H							1	1.5E+00	n											

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	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v	o	muta-	GIABS	ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	c					mg/kg	mg/kg	mg/kg	ug/m ³	ug/m ³	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/kg	mg/kg	
Titanium Tetrachloride	7550-45-0					1.0E-04	A						1		1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E+01	n				1.0E+03	1.7E+00	7.6E-01
Toluene	108-88-3				8.0E-02	I	5.0E+00	I	V				1		9.3E+02	5.0E+03	ns	4.6E+04	ns	5.2E+03	n	2.2E+04	n	2.3E+03	n		2.7E-03	
Toluene diisocyanate mixture (TDI)	26471-62-5	3.9E-02	C	1.1E-05	C			7.0E-05	I	V			1		2.1E+03	1.5E+01	c**	6.7E+01	c**	7.3E-02	n	3.1E-01	n	1.5E-01	n		1.5E-01	
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C								1	0.1	1.3E-01	c	4.5E-01	c	2.2E-03	c	1.1E-02	c	1.8E-02	c		7.8E-06		
Toluene-2,5-diamine	95-70-5				6.0E-01	H							1	0.1	3.7E+04	n	3.7E+05	nm					2.2E+04	n		9.6E+00		
Toluene-2,6-diamine	823-40-5				3.0E-02	P							1	0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		4.9E-01		
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C								1	0.1	2.7E+00	c	9.6E+00	c	4.8E-02	c	2.4E-01	c	3.7E-01	c		1.3E-04		
Toluidine, p-	106-49-0	1.9E-01	H										1	0.1	2.6E+00	c	9.1E+00	c					3.5E-01	c		1.2E-04		
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I								1	0.1	4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	6.1E-02	c	3.0E+00	1.2E-02	6.0E-01	
Trialomethrin	66841-25-6				7.5E-03	I							1	0.1	4.6E+02	n	4.6E+03	n					2.7E+02	n		1.4E+02		
Tri-n-butyltin	688-73-3				3.0E-04	A							1	0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n		2.8E-01		
Triallate	2303-17-5				1.3E-02	I							1	0.1	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.7E+00		
Triasulfuron	82097-50-5				1.0E-02	I							1	0.1	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.3E-01		
Tribromobenzene, 1,2,4-	615-54-3				5.0E-03	I							1	0.1	3.1E+02	n	3.1E+03	n					1.8E+02	n		3.0E-01		
Tributyl Phosphate	126-73-8	9.2E-03	P		2.0E-01	P							1	0.1	5.3E+01	c	1.9E+02	c					7.3E+00	c		2.9E-02		
Tributyltin Compounds	NA				3.0E-04	P							1	0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n				
Tributyltin Oxide	56-35-9				3.0E-04	I							1	0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n		8.2E+02		
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				3.0E+01	I	3.0E+01	H	V				1		9.4E+02	4.3E+04	ns	1.8E+05	nms	3.1E+04	n	1.3E+05	n	5.9E+04	n		1.5E+02	
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H										1	0.1	1.7E+01	c	5.9E+01	c					2.3E+00	c		2.2E-03		
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H										1	0.1	1.4E+01	c	5.1E+01	c					2.0E+00	c		1.2E-03		
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C		1.0E-02	I	4.0E-03	P	V				1		2.2E+02	8.7E+01	n	4.0E+02	ns	4.2E+00	n	1.8E+01	n	8.2E+00	n	7.0E+01	1.3E-02	1.1E-01
Trichloroethane, 1,1,1-	71-55-6				2.0E+00	I	5.0E+00	I	V				1		6.8E+02	9.0E+03	ns	3.9E+04	ns	5.2E+03	n	2.2E+04	n	9.1E+03	n	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		5.6E+02	1.1E+00	c	5.5E+00	c	1.5E-01	c	7.7E-01	c	2.4E-01	c	5.0E+00	8.2E-05	1.7E-03
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C								1		7.5E+02	2.8E+00	c	1.4E+01	c	1.2E+00	c	6.1E+00	c	1.7E+00	c	5.0E+00	6.1E-04	1.9E-03
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, 2,4,6-	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**		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		2.6E+02		
Vanadium Sulfate	36907-42-3				2.0E-02	H							0.026		1.6E+03	n	2.0E+04	n					7.3E+02	n		2.6E+02		
Vanadium and Compounds	NA				5.0E-03	I							1		3.9E+02	n	5.2E+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		
Vermolate	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											