

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											Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels			
	CAS No.	SFO		IUR		RfDo		RfCi		key	v	mutagen	Ingestion ug/L	Inhalation ug/L	Total	Ingestion ug/L	Inhalation ug/L		Total	ug/L	Risk-based SSL	MCL-based SSL
		(mg/kg-day) ⁻¹	key	(ug/m ³) ⁻¹	key	(mg/kg-day)	key	(mg/m ³)	key												mg/kg	mg/kg
ALAR	1596-84-5	1.8E-02	C	5.1E-06	C	1.5E-01	I					3.7E+00			3.7E+00	5.5E+03		5.5E+03		8.2E-04		
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					7.7E+00			7.7E+00	1.5E+02		1.5E+02		1.9E-03		
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V			2.2E+00		2.2E+00		1.9E+01	1.9E+01		4.5E-04		
Acetochlor	34256-82-1					2.0E-02	I									7.3E+02		7.3E+02		4.0E-01		
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V					3.3E+04	6.4E+04	2.2E+04	2.2E+04		4.4E+00		
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V					1.1E+02	1.3E+02	5.8E+01	5.8E+01		1.2E-02		
Acetonitrile	75-05-8							6.0E-02	I	V						1.3E+02		1.3E+02		2.6E-02		
Acetophenone	98-86-2					1.0E-01	I			V					3.7E+03		3.7E+03		1.1E+00			
Acetylaminofluorene, 2-	53-96-3	3.8E+00	C	1.3E-03	C							1.8E-02		1.8E-02					9.6E-05			
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V					1.8E+01	4.2E-02	4.2E-02	4.2E-02		8.6E-06		
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					1.5E-02		1.5E-02	7.3E+00		7.3E+00		3.3E-06			
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I						1.8E+04		1.8E+04		3.7E+00			
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1.3E-01	7.2E-02	4.5E-02	1.5E+03	4.2E+00	4.2E+00	4.2E+00		9.9E-06		
Adiponitrile	111-69-3							6.0E-03	P													
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					1.2E+00		1.2E+00	3.7E+02		3.7E+02	2.0E+00	6.8E-04	1.1E-03		
Aldicarb	116-06-3					1.0E-03	I								3.7E+01		3.7E+01		9.7E-03			
Aldicarb Sulfone	1646-88-4					1.0E-03	I								3.7E+01		3.7E+01		8.0E-03			
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I					4.0E-03		4.0E-03	1.1E+00		1.1E+00		8.4E-04			
Allyl	74223-64-6					2.5E-01	I								9.1E+03		9.1E+03		3.1E+00			
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P						1.8E+02		1.8E+02		3.7E-02			
Allyl Chloride	107-05-1	2.1E-02	C	6.0E-06	C			1.0E-03	I	V		3.2E+00	8.1E-01	6.5E-01		2.1E+00	2.1E+00		2.1E-04			
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P						3.7E+04		3.7E+04		5.5E+04			
Aluminum Phosphide	20859-73-8					4.0E-04	I								1.5E+01		1.5E+01					
Amdro	67485-29-4					3.0E-04	I								1.1E+01		1.1E+01		1.4E+04			
Ametryn	834-12-8					9.0E-03	I								3.3E+02		3.3E+02		3.6E-01			
Aminobiphenyl, 4-	92-67-1	2.1E+01	C	6.0E-03	C							3.2E-03		3.2E-03					1.2E-05			
Aminophenol, m-	591-27-5					8.0E-02	P								2.9E+03		2.9E+03		1.0E+00			
Aminophenol, p-	123-30-8					2.0E-02	P								7.3E+02		7.3E+02		2.5E-01			
Amitraz	33089-61-1					2.5E-03	I								9.1E+01		9.1E+01		1.2E+02			
Ammonium Perchlorate	7790-98-9					7.0E-04	I								2.6E+01		2.6E+01					
Ammonium Sulfamate	7773-06-0					2.0E-01	I								7.3E+03		7.3E+03					
Aniline	62-53-3	5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1.2E+01		1.2E+01	2.6E+02		2.6E+02		3.4E-03			
Antimony (metallic)	7440-36-0					4.0E-04	I								1.5E+01		1.5E+01	6.0E+00	6.6E-01	2.7E-01		
Antimony Pentoxide	1314-60-9					5.0E-04	H								1.8E+01		1.8E+01					
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H								3.3E+01		3.3E+01					
Antimony Tetroxide	1332-81-6					4.0E-04	H								1.5E+01		1.5E+01					
Antimony Trioxide	1309-64-4							2.0E-04	I													
Apollo	74115-24-5					1.3E-02	I								4.8E+02		4.7E+02		6.1E+02			
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H					2.7E+00		2.7E+00	1.8E+03		1.8E+03		1.1E-01			
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			4.5E-02		4.5E-02	1.1E+01		1.1E+01	1.0E+01	1.3E-03	2.9E-01		
Arsine	7784-42-1							5.0E-05	I													
Assure	76578-14-8					9.0E-03	I								3.3E+02		3.3E+02		3.6E+00			
Asulam	3337-71-1					5.0E-02	I								1.8E+03		1.8E+03		5.2E-01			
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I					2.9E-01		2.9E-01	1.3E+03		1.3E+03	3.0E+00	1.9E-04	2.0E-03		
Avermectin B1	65195-55-3					4.0E-04	I								1.5E+01		1.5E+01		4.1E-02			
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V		6.1E-01	1.6E-01	1.2E-01					5.1E-04			
Barium	7440-39-3					2.0E-01	I	5.0E-04	H						7.3E+03		7.3E+03	2.0E+03	3.0E+02	8.2E+01		
Baygon	114-26-1					4.0E-03	I								1.5E+02		1.5E+02		4.2E-02			
Bayleton	43121-43-3					3.0E-02	I								1.1E+03		1.1E+03		1.2E+01			
Baythroid	68359-37-5					2.5E-02	I								9.1E+02		9.1E+02		3.3E+02			
Benefin	1861-40-1					3.0E-01	I								1.1E+04		1.1E+04		2.1E+02			
Benomyl	17804-35-2					5.0E-02	I								1.8E+03		1.8E+03		2.3E+00			
Bentazon	25057-89-0					3.0E-02	I								1.1E+03		1.1E+03		3.0E-01			
Benzaldehyde	100-52-7					1.0E-01	I			V					3.7E+03		3.7E+03		9.7E-01			
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1.2E+00	6.2E-01	4.1E-01	1.5E+02	6.3E+01	4.4E+01	5.0E+00	2.3E-04	2.8E-03		
Benzenethiol	108-98-5					1.0E-05	H			V					3.7E-01		3.7E-01		2.7E-04			
Benzydine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I			M		9.4E-05		9.4E-05	1.1E+02		1.1E+02		5.3E-07			
Benzoic Acid	65-85-0					4.0E+00	I								1.5E+05		1.5E+05		3.3E+01			
Benzotrichloride	98-07-7	1.3E+01	I							V									1.3E-05			
Benzyl Alcohol	100-51-6					5.0E-01	P								1.8E+04		1.8E+04		4.2E+00			
Benzyl Chloride	100-44-7	1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		4.0E-01	9.9E-02	7.9E-02	7.3E+01	2.1E+00	7.3E+01	4.0E+00	9.8E-05	3.2E+00		
Beryllium and compounds	7440-41-7			2.4E-03	I	2.0E-03	I	2.0E-05	I						7.3E+01		7.3E+01		5.8E+01			
Bidrin	141-66-2					1.0E-04	I								3.7E+00		3.7E+00		3.4E-03			
Bifenox	42576-02-3					9.0E-03	P								3.3E+02		3.3E+02		2.6E+00			
Biphenhrin	82657-04-3					1.5E-02	I								5.5E+02		5.5E+02		3.5E+03			
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V					1.8E+03		1.8E+03		2.3E+01			
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V		9.6E-01	4.9E-01	3.2E-01	1.5E+03		1.5E+03		9.0E-05			
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P								1.1E+							

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Contaminant	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels			
	CAS No.	SFO		IUR		RfDo		RfCi		voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	Risk-based SSL	MCL-based SSL	
		(mg/kg-day) ⁻¹	key	(ug/m ³) ⁻¹	key	(mg/kg-day)	key	(mg/m ³)	key			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		mg/kg	mg/kg	
-Calcium Cyanide	592-01-8			4.0E-02		I								1.5E+03		1.5E+03					
-Copper Cyanide	544-92-3			5.0E-03		I								1.8E+02		1.8E+02					
-Cyanide (CN-)	57-12-5			2.0E-02		I								7.3E+02		7.3E+02	2.0E+02	7.4E+00	2.0E+00		
-Cyanogen	460-19-5			4.0E-02		I				V				1.5E+03		1.5E+03					
-Cyanogen Bromide	506-68-3			9.0E-02		I				V				3.3E+03		3.3E+03					
-Cyanogen Chloride	506-77-4			5.0E-02		I				V				1.8E+03		1.8E+03					
-Hydrogen Cyanide	74-90-8			2.0E-02		I	3.0E-03		I	V				7.3E+02	6.3E+00	6.2E+00					
-Potassium Cyanide	151-50-8			5.0E-02		I								1.8E+03		1.8E+03					
-Potassium Silver Cyanide	506-61-6			2.0E-01		I								7.3E+03		7.3E+03					
-Silver Cyanide	506-64-9			1.0E-01		I								3.7E+03		3.7E+03					
-Sodium Cyanide	143-33-9			4.0E-02		I								1.5E+03		1.5E+03					
-Thiocyanate	463-56-9			2.0E-04		P				V				7.3E+00		7.3E+00		1.5E-03			
-Zinc Cyanide	557-21-1			5.0E-02		I								1.8E+03		1.8E+03					
Cyclohexane	110-82-7						6.0E+00		I	V					1.3E+04	1.3E+04		1.4E+01		2.0E-02	
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H								2.9E+00		2.9E+00								
Cyclohexanone	108-94-1			5.0E+00		I								1.8E+05		1.8E+05		4.2E+01			
Cyclohexylamine	108-91-8			2.0E-01		I								7.3E+03		7.3E+03		2.1E+00			
Cyhalothrin/karate	68085-85-8			5.0E-03		I								1.8E+02		1.8E+02		1.7E+02			
Cypermethrin	52315-07-8			1.0E-02		I								3.7E+02		3.7E+02		7.9E+01			
Cyromazine	66215-27-8			7.5E-03		I								2.7E+02		2.7E+02		6.6E-02		8.6E-02	
DDD	72-54-8	2.4E-01	I	6.9E-05	C						2.8E-01		2.8E-01								
DDE, p,p'-	72-55-9	3.4E-01	I	9.7E-05	C						2.0E-01		2.0E-01							6.0E-02	
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I				2.0E-01		2.0E-01	1.8E+01		1.8E+01		8.7E-02		2.8E-01	
Dacthal	1861-32-1			1.0E-02		I								3.7E+02		3.7E+02		2.8E-01			
Dalapon	75-99-0			3.0E-02		I								1.1E+03		1.1E+03	2.0E+02	2.3E-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						9.6E+01		9.6E+01	2.6E+02		2.6E+02		7.9E+01			
Demeton	8065-48-3			4.0E-05	I									1.5E+00		1.5E+00		1.5E+00			
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I	6.0E-01	I						5.6E+01		5.6E+01	2.2E+04		2.2E+04	4.0E+02	5.5E+00		3.9E+01	
Diallate	2303-16-4	6.1E-02	H								1.1E+00		1.1E+00					2.5E-03			
Diazinon	333-41-5			7.0E-04	A									2.6E+01		2.6E+01		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	2.7E-02	3.2E-04	3.2E-04	7.3E+00	4.2E-01	3.9E+01	2.0E-01	1.5E-07		9.2E-05
Dibromobenzene, 1,4-	106-37-6			1.0E-02	I									3.7E+02		3.7E+02		3.9E-01			
Dibromochloromethane	124-48-1	8.4E-02	I	2.7E-05	C	2.0E-02	I			V	8.0E-01	1.8E-01	1.5E-01	7.3E+02		7.3E+02		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	8.1E-03	6.5E-03	3.3E+02	1.9E+01	1.8E+01	5.0E-02	1.9E-06		1.5E-05	
Dibromomethane (Methylene Bromide)	74-95-3			1.0E-02	H					V				3.7E+02		3.7E+02		9.1E-02			
Dibutyl Phthalate	84-74-2			1.0E-01	I									3.7E+03		3.7E+03		1.1E+01			
Dibutyltin Compounds	NA			3.0E-04	P									1.1E+01		1.1E+01		1.1E+01			
Dicamba	1918-00-9			3.0E-02	I									1.1E+03		1.1E+03		2.8E-01		6.1E-07	
Dichloro-2-butene, 1,4-	764-41-0			4.2E-03	P					V		1.2E-03	1.2E-03								
Dichloro-2-butene, cis-1,4-	1476-11-5			4.2E-03	P					V		1.2E-03	1.2E-03							6.1E-07	
Dichloro-2-butene, trans-1,4-	110-57-6			4.2E-03	P					V		1.2E-03	1.2E-03							5.8E-07	
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I				1.3E+00		1.3E+00	1.5E+02		1.5E+02		2.7E-04			
Dichlorobenzene, 1,2-	95-50-1			9.0E-02	I	2.0E-01	H	V						3.3E+03	4.2E+02	3.7E+02	6.0E+02	4.1E-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	1.3E+01	4.4E-01	4.3E-01	2.6E+03	1.7E+03	1.0E+03	7.5E+01	4.6E-04		8.1E-02	
Dichlorobenzidine, 3,3'	91-94-1	4.5E-01	I	3.4E-04	C						1.5E-01		1.5E-01					2.3E-03			
Dichlorodifluoromethane	75-71-8			2.0E-01	I	2.0E-01	H	V						7.3E+03	4.2E+02	3.9E+02		6.1E-01			
Dichloroethane, 1,1-	75-34-3	5.7E-03	C	1.6E-06	C	2.0E-01	P	V			1.2E+01	3.0E+00	2.4E+00	7.3E+03		7.3E+03		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	7.4E-01	1.9E-01	1.5E-01	7.3E+02	5.1E+03	6.4E+02	5.0E+00	4.4E-05		1.5E-03	
Dichloroethylene, 1,1-	75-35-4			5.0E-02	I	2.0E-01	I	V						1.8E+03	4.2E+02	3.4E+02	7.0E+00	1.2E-01		2.6E-03	
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0			9.0E-03	H			V						3.3E+02		3.3E+02		9.9E-02			
Dichloroethylene, 1,2-cis-	156-59-2			1.0E-02	P			V						3.7E+02		3.7E+02		7.0E+01		2.1E-02	
Dichloroethylene, 1,2-trans-	156-60-5			2.0E-02	I	6.0E-02	P	V						7.3E+02	1.3E+02	1.1E+02	1.0E+02	3.4E-02		3.2E-02	
Dichlorophenol, 2,4-	120-83-2			3.0E-03	I									1.1E+02		1.1E+02		1.8E-01			
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7			1.0E-02	I									3.7E+02		3.7E+02	7.0E+01	9.5E-02		1.8E-02	
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6			8.0E-03	I									2.9E+02		2.9E+02		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	1.9E+00	4.9E-01	3.9E-01	3.3E+03	8.3E+00	8.3E+00	5.0E+00	1.3E-04		1.7E-03	
Dichloropropane, 1,3-	142-28-9			2.0E-02	P			V						7.3E+02		7.3E+02		2.7E-01			
Dichloropropanol, 2,3-	616-23-9			3.0E-03	I									1.1E+02		1.1E+02		2.3E-02			
Dichloropropene, 1,3-	542-75-6	1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V	6.7E-01	1.2E+00	4.3E-01	1.1E+03	4.2E+01	4.0E+01		1.6E-04			
Dichlorvos	62-73-7	2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I		2.3E-01		2.3E-01	1.8E+01		1.8E+01		6.5E-05			
Dicyclopentadiene	77-73-6			8.0E-03	P	7.0E-03	P	V						2.9E+02	1.5E+01	1.4E+01		5.6E-02			
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I				4.2E-03		4.2E-03	1.8E+00		1.8E+00		9.0E-05			
Diethyl Phthalate	84-66-2			8.0E-01	I									2.9E+04		2.9E+04		1.3E+01			
Diethylene Glycol Monobutyl Ether	112-34-5			1.0E-02	P	2.0E-02	P							3.7E+02		3.7E+02		8.0E-02			
Diethylene Glycol Monoethyl Ether	111-90-0			6.0E-02	P	3.0E-03	P							2.2E+03		2.2E+03		4.4E-01			
Diethylformamide	617-84-5			1.0E-03	P									3.7E+01		3.7E+01		8.0E-03			
Diethylstilbestrol																					

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											Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels			
	CAS No.	SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfDo (mg/kg-day)	key	RfCi (mg/m ³)	key	voc	mutagen	Ingestion ug/L	Inhalation ug/L	Total ug/L	Ingestion ug/L	Inhalation ug/L	Total ug/L		ug/L	Risk-based SSL	MCL-based SSL	
																				mg/kg	mg/kg	
Analyte	CAS No.	SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	mg/kg	mg/kg		
Fonofos	944-22-9	2.0E-03				2.0E-03	I								7.3E+01		7.3E+01			1.4E-01		
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A						7.3E+03		7.3E+03			1.5E+00		
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P						7.3E+04		7.3E+04			1.5E+01		
Fosetyl-AL	39148-24-8					3.0E+00	I								1.1E+05		1.1E+05					
Furans																						
-Furan	110-00-9					1.0E-03	I			V					3.7E+01		3.7E+01			1.5E-02		
Furazolidone	67-45-8	3.8E+00		H								1.8E-02		1.8E-02			1.1E+02			3.3E-05		
Furfural	98-01-1					3.0E-03	I	5.0E-02	H						1.1E+02		1.1E+02			2.6E-02		
Furium	531-82-8	1.5E+00	C	4.3E-04	C							4.5E-02		4.5E-02			2.2E+00			5.3E-05		
Furmecyclo	60568-05-0																			7.4E-03		
Glufosinate, Ammonium	77182-82-2					4.0E-04	I								1.5E+01		1.5E+01			4.7E-03		
Glycidyl	765-34-4					4.0E-04	I	1.0E-03	H						1.5E+01		1.5E+01			3.0E-03		
Glyphosate	1071-83-6					1.0E-01	I								3.7E+03		3.7E+03	7.0E+02		8.7E-01	1.7E-01	
Goal	42874-03-3					3.0E-03	I								1.1E+02		1.1E+02			1.0E+01		
Guthion	86-50-0					3.0E-03	A	1.0E-02	A						1.1E+02		1.1E+02			3.7E-02		
Haloxypol, Methyl	69806-40-2					5.0E-05	I								1.8E+00		1.8E+00			6.5E-02		
Harmony	79277-27-3					1.3E-02	I								4.8E+02		4.7E+02			1.3E-01		
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I					1.5E-02		1.5E-02	1.8E+01		1.8E+01	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					7.4E-03		7.4E-03	4.8E-01		4.7E-01	2.0E-01		7.9E-05	2.1E-03	
Hexabromobenzene	87-82-1					2.0E-03	I								7.3E+01		7.3E+01			5.1E-01		
Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					2.0E-04	I								7.3E+00		7.3E+00					
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					4.2E-02		4.2E-02	2.9E+01		2.9E+01	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					8.6E-01		8.6E-01	3.7E+01		3.7E+01			1.9E-03		
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I	8.0E-03	A					1.1E-02		1.1E-02	2.9E+02		2.9E+02			7.4E-05		
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							3.7E-02		3.7E-02			1.1E+01			2.6E-04		
Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I					6.1E-02		6.1E-02	1.1E+01		1.1E+01	2.0E-01		4.3E-04	1.4E-03	
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							3.7E-02		3.7E-02			2.2E+02	5.0E+01		2.6E-04	1.8E-01	
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I						2.2E+02		2.2E+02			8.0E-01	1.8E-01	
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					4.8E+00		4.8E+00	3.7E+01		3.7E+01			3.2E-03		
Hexachlorophene	70-30-4					3.0E-04	I								1.1E+01		1.1E+01			1.4E+01		
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	1.1E-01	I			3.0E-03	I					6.1E-01		6.1E-01	1.1E+02		1.1E+02			3.6E-04		
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V						2.1E-02		2.1E-02			2.5E-04	
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V					2.2E+03	1.5E+03	8.8E+02			6.2E+00		
Hexanedioic Acid	124-04-9					2.0E+00	P								7.3E+04		7.3E+04			1.8E+01		
Hexazinone	51235-04-2					3.3E-02	I								1.2E+03		1.2E+03			1.7E+00		
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C			2.2E-02		2.2E-02			2.2E-02					
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							2.2E-02		2.2E-02			2.2E-02					
Hydrogen Chloride	7647-01-0							2.0E-02	I						1.5E+03		1.5E+03					
Hydrogen Fluoride	7664-39-3					4.0E-02	C	1.4E-02	C													
Hydrogen Sulfide	7783-06-4							2.0E-03	I													
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P					1.2E+00		1.2E+00	1.5E+03		1.5E+03			1.3E-03		
Imazaquil	35554-44-0					1.3E-02	I								4.8E+02		4.7E+02			1.9E+00		
Imazaquin	81335-37-7					2.5E-01	I								9.1E+03		9.1E+03			9.2E+01		
Iodine	7553-56-2					1.0E-02	A								3.7E+02		3.7E+02					
Iprodione	36734-19-7					4.0E-02	I								1.5E+03		1.5E+03			7.0E-01		
Iron	7439-89-6					7.0E-01	P								2.6E+04		2.6E+04			6.4E+02		
Isobutyl Alcohol	78-83-1					3.0E-01	I			V					1.1E+04		1.1E+04			2.2E+00		
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			7.1E+01		7.1E+01	7.3E+03		7.3E+03			2.2E-02		
Isopropalin	33820-53-0					1.5E-02	I								5.5E+02		5.5E+02			7.5E+00		
Isopropanol	67-63-0							7.0E+00	C													
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I								3.7E+03		3.7E+03			7.7E-01		
Isoxaben	82558-50-7					5.0E-02	I								1.8E+03		1.8E+03			1.1E+01		
JP-7	NA							3.0E-01	A	V					6.3E+02		6.3E+02					
Kerb	23950-58-5					7.5E-02	I								2.7E+03		2.7E+03			9.2E+00		
Lactofen	77501-63-4					2.0E-03	I								7.3E+01		7.3E+01			3.7E+00		
Lead Compounds																						
-Lead and Compounds	7439-92-1																		1.5E+01			
-Tetraethyl Lead	78-00-2					1.0E-07	I								3.7E-03		3.7E-03			1.4E-05		
Linuron	330-55-2					2.0E-03	I								7.3E+01		7.3E+01			6.6E-02		
Lithium	7439-93-2					2.0E-03	P								7.3E+01		7.3E+01			2.2E+01		
Lithium Perchlorate	7791-03-9					7.0E-04	I								2.6E+01		2.6E+01					
Londax	83055-99-6					2.0E-01	I								7.3E+03		7.3E+03			2.0E+00		
MCPA	94-74-6					5.0E-04	I								1.8E+01		1.8E+01			4.7E-03		
MCPB	94-81-5					1.0E-02	I								3.7E+02		3.7E+02			1.5E-01		
MCPP	93-65-2					1.0E-03	I								3.7E+01		3.7E+01			1.1E-02		
Malathion	121-75-5					2.0E-02	I								7.3E+02		7.3E+02			1.9E-01		
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C						3.7E+03		3.7E+03			7.4E-01		
Maleic Hyd																						

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Contaminant	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels		
	CAS No.	SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfDo (mg/kg-day)	RfCi (mg/m ³)	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	Risk-based SSL	MCL-based SSL	
											ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		mg/kg	mg/kg	
-Mercuric Chloride	7487-94-7	3.0E-04				3.0E-04	I						1.1E+01		1.1E+01					
-Mercuric Sulfide	1344-48-5	3.0E-04				3.0E-04	I						1.1E+01		1.1E+01					
-Mercury (elemental)	7439-97-6	1.6E-04				3.0E-04	I	V					5.8E+00	6.3E-01	5.7E-01	2.0E+00	3.0E-02	1.0E-01		
-Mercury, Inorganic Salts	NA	3.0E-04				3.0E-04	I						1.1E+01		1.1E+01					
-Methyl Mercury	22967-92-6	1.0E-04				1.0E-04	I						3.7E+00		3.7E+00					
-Phenylmercuric Acetate	62-38-4	8.0E-05				8.0E-05	I						2.9E+00		2.9E+00				1.6E-03	
Merphos	150-50-5	3.0E-05				3.0E-05	I						1.1E+00		1.1E+00				1.4E-01	
Merphos Oxide	78-48-8	3.0E-05				3.0E-05	I						1.1E+00		1.1E+00				4.4E-03	
Metalaxyl	57837-19-1	6.0E-02				6.0E-02	I						2.2E+03		2.2E+03				5.4E-01	
Methacrylonitrile	126-98-7	1.0E-04				7.0E-04	H	V					3.7E+00	1.5E+00	1.0E+00				2.4E-04	
Methamidophos	10265-92-6	5.0E-05				5.0E-05	I						1.8E+00		1.8E+00				3.8E-04	
Methanol	67-56-1	5.0E-01				4.0E+00	C						1.8E+04		1.8E+04				3.7E+00	
Methidathion	950-37-8	1.0E-03				1.0E-03	I						3.7E+01		3.7E+01				8.0E-03	
Methomyl	16752-77-5	2.5E-02				2.5E-02	I						9.1E+02		9.1E+02				2.0E-01	
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C								1.4E+00		1.4E+00				3.8E-04	
Methoxychlor	72-43-5	5.0E-03				5.0E-03	I						1.8E+02		1.8E+02	4.0E+01	1.6E+01		3.4E+00	
Methoxyethanol Acetate, 2-	110-49-6	2.0E-03				9.0E-02	C						7.3E+01		7.3E+01				1.5E-02	
Methoxyethanol, 2-	109-86-4	3.0E-03	P	2.0E-02	I								1.1E+02		1.1E+02				2.2E-02	
Methyl Acetate	79-20-9	1.0E+00				1.0E+00	H	V					3.7E+04		3.7E+04				7.6E+00	
Methyl Acrylate	96-33-3	3.0E-02				3.0E-02	H	V					1.1E+03		1.1E+03				2.3E-01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.0E-01				5.0E+00	I	V					2.2E+04	1.0E+04	7.1E+03				1.5E+00	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	8.0E-02				3.0E+00	I	V					2.9E+03	6.3E+03	2.0E+03				4.4E-01	
Methyl Methacrylate	80-62-6	1.4E+00				7.0E-01	I	V					5.1E+04	1.5E+03	1.4E+03				3.1E-01	
Methyl Parathion	298-00-0	2.5E-04				2.5E-04	I						9.1E+00		9.1E+00				1.1E-02	
Methyl Phosphonic Acid	993-13-5	2.0E-02				2.0E-02	P						7.3E+02		7.3E+02				1.5E-01	
Methyl Styrene (Mixed Isomers)	25013-15-4	6.0E-03				4.0E-02	H	V					2.2E+02	8.3E+01	6.0E+01				1.1E-01	
Methyl methanesulfonate	66-27-3	9.9E-02	C	2.8E-05	C								6.8E-01		6.8E-01				1.5E-04	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C								3.7E+01	1.9E+01	1.2E+01				2.7E-03	
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02				3.3E-02	H						2.0E+00		2.0E+00				7.6E-04	
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C								5.2E-01		5.2E-01				1.8E-04	
Methylarsonic acid	124-58-3	1.0E-02				1.0E-02	A						3.7E+02		3.7E+02					
Methylcholanthrene, 3-	56-49-5	2.2E+01	C	6.3E-03	C								3.1E-03		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			9.0E+00	1.0E+01	4.8E+00	2.2E+03	2.2E+03	1.1E+03	5.0E+00	1.3E-03
Methylene-bis(2-chloroaniline), 4,4'	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P						2.2E-01		2.2E-01	7.3E+01	7.3E+01		5.9E-03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	4.6E-02	I	1.3E-05	C								1.5E+00		1.5E+00				4.3E-02	
Methylenebisbenzenamine, 4,4'	101-77-9	1.6E+00	C	4.6E-04	C								4.2E-02		4.2E-02				4.2E-04	
Methylenediphenyl Diisocyanate	101-68-8					6.0E-04	I													
Methylstyrene, Alpha-	98-83-9	7.0E-02				7.0E-02	H	V					2.6E+03		2.6E+03				4.7E+00	
Metolachlor	51218-45-2	1.5E-01				1.5E-01	I						5.5E+03		5.5E+03				4.3E+00	
Metribuzin	21087-64-9	2.5E-02				2.5E-02	I						9.1E+02		9.1E+02				2.4E+00	
Mirex	2385-85-5	2.0E-04				2.0E-04	I						7.3E+00		7.3E+00				3.5E-03	
Molinate	2212-67-1	2.0E-03				2.0E-03	I						7.3E+01		7.3E+01				5.6E-02	
Molybdenum	7439-98-7	5.0E-03				5.0E-03	I						1.8E+02		1.8E+02				3.7E+00	
Monochloramine	10599-90-3	1.0E-01				1.0E-01	I						3.7E+03		3.7E+03					
Monomethylamine	100-61-8	2.0E-03				2.0E-03	P						7.3E+01		7.3E+01				2.4E-02	
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	3.0E-04				3.0E-04	P						1.1E+01		1.1E+01				1.1E+01	
Naled	300-76-5	2.0E-03				2.0E-03	I						7.3E+01		7.3E+01				2.9E-02	
Naphthylamine, 2-	91-59-8	1.8E+00	C	0.0E+00	C								3.7E-02		3.7E-02				2.3E-04	
Napropamide	15299-99-7	1.0E-01				1.0E-01	I						3.7E+03		3.7E+03				8.5E+01	
Nickel Refinery Dust	NA	2.4E-04				2.4E-04	I													
Nickel Soluble Salts	7440-02-0	2.6E-04	C	2.0E-02	I	9.0E-05	A						7.3E+02		7.3E+02				4.8E+01	
Nickel Subsulfide	12035-72-2	1.7E+00	C	4.8E-04	I								4.0E-02		4.0E-02					
Nitrate	14797-55-8	1.6E+00				1.6E+00	I						5.8E+04		5.8E+04	1.0E+04				
Nitrite	14797-65-0	1.0E-01				1.0E-01	I						3.7E+03		3.7E+03	1.0E+03				
Nitroaniline, 2-	88-74-4	3.0E-03				3.0E-03	P	1.0E-04	P				1.1E+02		1.1E+02				3.3E-02	
Nitroaniline, 4-	100-01-6	2.0E-02				4.0E-03	P	6.0E-03	P				1.5E+02		1.5E+02				1.0E-03	
Nitrobenzene	98-95-3	4.0E-05				2.0E-03	I	9.0E-03	I	V			7.3E+01	1.9E+01	1.5E+01				7.1E-05	
Nitrofurantoin	67-20-9	7.0E-02				7.0E-02	H						2.6E+03		2.6E+03				1.9E+00	
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C								5.2E-02		5.2E-02				4.9E-05	
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P						4.0E+00		4.0E+00	3.7E+00	3.7E+00		1.7E-03	
Nitroguanidine	556-88-7	1.0E-01				1.0E-01	I						3.7E+03		3.7E+03				9.2E-01	
Nitromethane	75-52-5	9.0E-06	P			2.0E-02	P	V											1.2E-04	
Nitropropane, 2-	79-46-9	2.7E-03	H			2.0E-02	I	V					1.8E-03		1.8E-03	4.2E+01	4.2E+01		4.5E-07	
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C								2.5E-03		2.5E-03				6.8E-07	
Nitroso-N-methylurea, N-	684-93-5	1.2E+02	C	3.4E-02	C								5.6E-04		5.6E-04				1.3E-07	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I								1.3E-02	3.0E-03	2.4E-03				8.6E-06	
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I	2.0E-03	C								9.6E-03		9.6E-03				1.1E-05	
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I	8.0E-04	C								2.4E-02		2.4E-02				4.9E-06	
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I								1.4E-04		1.4E-04				7.0E-08	
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P						4.2E-04		4.2E-04	2.9E-01	2.9			

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Contaminant	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels			
	CAS No.	SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfDo (mg/kg-day)	key	RfCi (mg/m ³)	key	v	mutagen	Ingestion ug/L	Inhalation ug/L	Total ug/L	Ingestion ug/L	Inhalation ug/L		Total ug/L	ug/L	Risk-based SSL	MCL-based SSL
																				mg/kg	mg/kg
Nitrotoluene, m-	99-08-1					2.0E-02		P							7.3E+02				6.0E-01		
Nitrotoluene, o-	88-72-2	2.2E-01		P		9.0E-04		P			V	3.1E-01		3.1E-01	3.3E+01		3.3E+01		2.5E-04		
Nitrotoluene, p-	99-09-0	1.6E-02		P		4.0E-03		P				4.2E+00		4.2E+00	1.5E+02		1.5E+02		3.4E-03		
Norflurazon	27314-13-2					4.0E-02		I							1.5E+03		1.5E+03		1.7E+01		
Nustar	85509-19-9					7.0E-04		I							2.6E+01		2.6E+01		9.0E+01		
Octabromodiphenyl Ether	32536-52-0					3.0E-03		I							1.1E+02		1.1E+02		3.1E+01		
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02		I							1.8E+03		1.8E+03		7.1E+00		
Octamethylpyrophosphoramide	152-16-9					2.0E-03		H							7.3E+01		7.3E+01		1.3E-01		
Oryzalin	19044-88-3					5.0E-02		I							1.8E+03		1.8E+03		4.8E+00		
Oxadiazon	19666-30-9					5.0E-03		I							1.8E+02		1.8E+02		1.3E+00		
Oxamyl	23135-22-0					2.5E-02		I							9.1E+02		9.1E+02	2.0E+02	2.0E-01	4.4E-02	
Paclitaxel	76738-62-0					1.3E-02		I							4.8E+02		4.7E+02		1.2E+01		
Paraquat Dichloride	1910-42-5					4.5E-03		I							1.6E+02		1.6E+02		4.9E-01		
Parathion	56-38-2					6.0E-03		H							2.2E+02		2.2E+02		8.2E-01		
Pebulate	1114-71-2					5.0E-02		H							1.8E+03		1.8E+03		2.1E+00		
Pendimethalin	40487-42-1					4.0E-02		I							1.5E+03		1.5E+03		8.0E+00		
Pentabromodiphenyl Ether	32534-81-9					2.0E-03		I							7.3E+01		7.3E+01		4.5E+00		
Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9					1.0E-04		I							3.7E+00		3.7E+00				
Pentachlorobenzene	608-93-5					8.0E-04		I							2.9E+01		2.9E+01		1.2E-01		
Pentachloroethane	76-01-7	9.0E-02		P								7.5E-01		7.5E-01					3.9E-04		
Pentachloronitrobenzene	82-68-8	2.6E-01		H		3.0E-03		I				2.6E-01		2.6E-01	1.1E+02		1.1E+02		1.3E-03		
Pentachlorophenol	87-86-5	1.2E-01		I	4.6E-06	C	3.0E-02	I				5.6E-01		5.6E-01	1.1E+03		1.1E+03	1.0E+00	3.9E-03	7.0E-03	
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04		I							2.6E+01		2.6E+01	15 (F)			
Permethrin	52645-53-1					5.0E-02		I							1.8E+03		1.8E+03		6.5E+02		
Phenacetin	62-44-2	2.2E-03		C	6.3E-07	C						3.1E+01		3.1E+01					9.2E-03		
Phenmedipham	13684-63-4					2.5E-01		I							9.1E+03		9.1E+03		6.8E+00		
Phenol	108-95-2					3.0E-01		I	2.0E-01	C					1.1E+04		1.1E+04		8.1E+00		
Phenylenediamine, m-	108-45-2					6.0E-03		I							2.2E+02		2.2E+02		7.6E-02		
Phenylenediamine, o-	95-54-5	4.7E-02		H								1.4E+00		1.4E+00					5.0E-04		
Phenylenediamine, p-	106-50-3					1.9E-01		H							6.9E+03		6.9E+03		2.4E+00		
Phenylphenol, 2-	90-43-7	1.9E-03		H								3.5E+01		3.5E+01					7.2E-01		
Phorate	298-02-2					2.0E-04		H							7.3E+00		7.3E+00		7.9E-03		
Phosmet	732-11-6					2.0E-02		I							7.3E+02		7.3E+02		2.1E-01		
Phosphine	7803-51-2					3.0E-04		I	3.0E-04	I					1.1E+01		1.1E+01				
Phosphoric Acid	7664-38-2								1.0E-02	I											
Phosphorus, White	7723-14-0					2.0E-05		I							7.3E-01		7.3E-01		2.7E-03		
Phthalic Acid, P-	100-21-0					1.0E+00		H							3.7E+04		3.7E+04		1.3E+01		
Phthalic Anhydride	85-44-9					2.0E+00		I	2.0E-02	C					7.3E+04		7.3E+04		1.6E+01		
Picloram	1918-02-1					7.0E-02		I							2.6E+03		2.6E+03	5.0E+02	6.0E-01	1.2E-01	
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-03		P							7.3E+01		7.3E+01		2.9E-02		
Pirimiphos, Methyl	29232-93-7					1.0E-02		I							3.7E+02		3.7E+02		1.7E-01		
Polybrominated Biphenyls	59536-65-1	3.0E+01		C	8.6E-03	C	7.0E-06	H				2.2E-03		2.2E-03	2.6E-01		2.6E-01				
Polychlorinated Biphenyls (PCBs)																					
--Aroclor 1016	12674-11-2	7.0E-02		I	2.0E-05	I	7.0E-05	I				9.6E-01		9.6E-01	2.6E+00		2.6E+00		5.2E-02		
--Aroclor 1221	11104-28-2	2.0E+00		I	5.7E-04	I						3.4E-02	8.5E-03	6.8E-03					1.4E-04		
--Aroclor 1232	11141-16-5	2.0E+00		I	5.7E-04	I						3.4E-02	8.5E-03	6.8E-03					1.4E-04		
--Aroclor 1242	53469-21-9	2.0E+00		I	5.7E-04	I						3.4E-02		3.4E-02					3.0E-03		
--Aroclor 1248	12672-29-6	2.0E+00		I	5.7E-04	I						3.4E-02		3.4E-02					3.0E-03		
--Aroclor 1254	11097-69-1	2.0E+00		I	5.7E-04	I	2.0E-05	I				3.4E-02		3.4E-02	7.3E-01		7.3E-01		5.1E-03		
--Aroclor 1260	11096-82-5	2.0E+00		I	5.7E-04	I						3.4E-02		3.4E-02					1.4E-02		
--Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					2.1E-03		
--Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					1.3E-03		
--Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)	69782-90-7	6.5E+02		C	1.9E-02	C						1.0E-04		1.0E-04					2.6E-05		
--Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 156)	38380-08-4	6.5E+02		C	1.9E-02	C						1.0E-04		1.0E-04					2.6E-05		
--Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					1.3E-03		
--Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					7.8E-04		
--Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					7.7E-04		
--Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					7.8E-04		
--Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	6.5E+02		C	1.9E-02	C						1.0E-04		1.0E-04					1.6E-05		
--Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.3E+04		C	3.8E+00	C						5.2E-06		5.2E-06					7.7E-07		
--Polychlorinated Biphenyls (low risk)	1336-36-3	4.0E-01		I	1.0E-04	I						1.7E-01		1.7E-01				5.0E-01	1.5E-02	4.5E-02	
--Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					4.7E-04		
--Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.3E+01		C	3.8E-03	C						5.2E-03		5.2E-03					4.7E-04		
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							I	6.0E-04												
Polynuclear Aromatic Hydrocarbons (PAHs)																					
--Acenaphthene	83-32-9					6.0E-02		I							2.2E+03		2.2E+03		2.7E+01		
--Anthracene	120-12-7					3.0E-01		I							1.1E+04		1.1E+04		4.5E+02		
--Benz[a]anthracene	56-55-3	7.3E-01		I	1.1E-04	C					M	3.0E-02		2.9E-02							

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Contaminant	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels		
	CAS No.	SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfDo (mg/kg-day)	key	RfCi (mg/m ³)	key	voc	mutagen	Ingestion ug/L	Inhalation ug/L	Total ug/L	Ingestion ug/L	Inhalation ug/L	Total ug/L		ug/L	Risk-based SSL	MCL-based SSL
																				mg/kg	mg/kg
-Fluorene	86-73-7					4.0E-02	I				V				1.5E+03		1.5E+03		3.3E+01		
-Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	I	1.1E-04	C						M	3.0E-02		2.9E-02			2.6E+03		1.6E-01		
-Methylnaphthalene, 1-	90-12-0	2.9E-02	P			7.0E-02	A					2.3E+00		2.3E+00			2.6E+03		1.5E-02		
-Methylnaphthalene, 2-	91-57-6					4.0E-03	I							1.5E+02			1.5E+02		9.0E-01		
-Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I				1.4E-01	1.4E-01	7.3E+02	6.3E+00	6.2E+00		5.6E-04		
-Pyrene	129-00-0					3.0E-02	I							1.1E+03			1.1E+03		1.5E+02		
Potassium Perchlorate	7778-74-7					7.0E-04	I							2.6E+01			2.6E+01				
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					4.5E-01		4.5E-01			3.3E+02		2.5E-03		
Profluralin	26399-36-0					6.0E-03	H							2.2E+02			2.2E+02		8.0E+00		
Prometon	1610-18-0					1.5E-02	I							5.5E+02			5.5E+02		2.8E-01		
Prometryn	7287-19-6					4.0E-03	I							1.5E+02			1.5E+02		2.3E-01		
Propachlor	1918-16-7					1.3E-02	I							4.8E+02			4.7E+02		3.7E-01		
Propanil	709-98-8					5.0E-03	I							1.8E+02			1.8E+02		1.1E-01		
Propargite	2312-35-8					2.0E-02	I							7.3E+02			7.3E+02		2.0E+02		
Propargyl Alcohol	107-19-7					2.0E-03	I							7.3E+01			7.3E+01		1.5E-02		
Propazine	139-40-2					2.0E-02	I							7.3E+02			7.3E+02		6.7E-01		
Propham	122-42-9					2.0E-02	I							7.3E+02			7.3E+02		3.3E-01		
Propiconazole	60207-90-1					1.3E-02	I							4.8E+02			4.7E+02		5.4E+00		
Propionaldehyde	123-38-6							8.0E-03	I	V					1.7E+01		1.7E+01		3.4E-03		
Propylene Glycol	57-55-6					2.0E+01	P							7.3E+05			7.3E+05		1.5E+02		
Propylene Glycol Dinitrate	6423-43-4							2.7E-04	A	V					5.7E-01		5.7E-01		1.9E-04		
Propylene Glycol Monoethyl Ether	1569-02-4					7.0E-01	H							2.6E+04			2.6E+04		5.2E+00		
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I					2.6E+04			2.6E+04		5.2E+00		
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I			3.0E-02	I	V		2.8E-01	1.3E+00	2.3E-01		6.3E+01	6.3E+01		4.7E-05		
Pursuit	81335-77-5					2.5E-01	I							9.1E+03			9.1E+03		2.7E+01		
Pydrin	51630-58-1					2.5E-02	I							9.1E+02			9.1E+02		8.1E+02		
Pyridine	110-86-1					1.0E-03	I							3.7E+01			3.7E+01		9.7E-03		
Quinalphos	13593-03-8					5.0E-04	I							1.8E+01			1.8E+01		7.1E-02		
Quinoline	91-22-5	3.0E+00	I					3.0E-02	A			2.2E-02		2.2E-02			2.2E-02		8.7E-05		
Refractory Ceramic Fibers	NA																				
Resmethrin	10453-86-8					3.0E-02	I							1.1E+03			1.1E+03		9.3E+02		
Ronnel	299-84-3					5.0E-02	H							1.8E+03			1.8E+03		7.7E+00		
Rotenone	83-79-4					4.0E-03	I							1.5E+02			1.5E+02		1.0E+02		
Safrole	94-59-7	2.2E-01	C	6.3E-05	C							3.1E-01		3.1E-01			3.1E-01		2.4E-04		
Savey	78587-05-0					2.5E-02	I							9.1E+02			9.1E+02		7.6E+00		
Selenious Acid	7783-00-8					5.0E-03	I							1.8E+02			1.8E+02				
Selenium	7782-49-2					5.0E-03	I	2.0E-02	C					1.8E+02			1.8E+02	5.0E+01	9.5E-01	2.6E-01	
Selenourea	630-10-4					5.0E-03	H							1.8E+02			1.8E+02				
Sethoxydim	74051-80-2					9.0E-02	I							3.3E+03			3.3E+03		1.9E+01		
Silver	7440-22-4					5.0E-03	I							1.8E+02			1.8E+02		1.6E+00		
Simazine	122-34-9	1.2E-01	H			5.0E-03	I					5.6E-01		5.6E-01			1.8E+02	4.0E+00	2.8E-04	2.0E-03	
Sodium Acifluorfen	62476-59-9					1.3E-02	I							4.8E+02			4.7E+02		3.1E+00		
Sodium Azide	26628-22-8					4.0E-03	I							1.5E+02			1.5E+02				
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H			3.0E-02	I					2.5E-01		2.5E-01			1.1E+03				
Sodium Fluoride	7681-49-4					5.0E-02	A							1.8E+03			1.8E+03				
Sodium Fluoroacetate	62-74-8					2.0E-05	I							7.3E-01			7.3E-01		1.5E-04		
Sodium Metavanadate	13718-26-8					1.0E-03	H							3.7E+01			3.7E+01				
Sodium Perchlorate	7601-89-0					7.0E-04	I							2.6E+01			2.6E+01				
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I					2.8E+00		2.8E+00			1.1E+03		2.2E-03		
Strontium, Stable	7440-24-6					6.0E-01	I							2.2E+04			2.2E+04		7.7E+02		
Strychnine	57-24-9					3.0E-04	I							1.1E+01			1.1E+01		1.4E-01		
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V				7.3E+03	2.1E+03	1.6E+03	1.6E+03	1.0E+02	2.0E+00	1.3E-01	
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P							1.8E+02			1.8E+02		2.8E+00		
Systhane	88671-89-0					2.5E-02	I							9.1E+02			9.1E+02		2.1E+02		
TCMTB	21564-17-0					3.0E-02	H							1.1E+03			1.1E+03		8.3E+00		
Tebuthiuron	34014-18-1					7.0E-02	I							2.6E+03			2.6E+03		6.3E-01		
Temephos	3383-96-8					2.0E-02	H							7.3E+02			7.3E+02		2.3E+03		
Terbacil	5902-51-2					1.3E-02	I							4.8E+02			4.7E+02		1.7E-01		
Terbufos	13071-79-9					2.5E-05	H							9.1E-01			9.1E-01		2.0E-03		
Terbutryn	886-50-0					1.0E-03	I							3.7E+01			3.7E+01		5.4E-02		
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I							3.7E+00			3.7E+00				
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I							1.1E+01			1.1E+01		2.8E-02		
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I					2.6E+00	6.6E-01	5.2E-01	1.1E+03		1.1E+03		2.1E-04		
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P					3.4E-01	8.4E-02	6.7E-02	1.5E+02		1.5E+02		2.8E-05		
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1.3E-01	8.3E-01	1.1E-01	3.7E+02	5.7E+02	2.2E+02	5.0E+00	5.2E-05	2.4E-03	
Tetrachlorophenol, 2,3,4,6-	58-90-2					3.0E-02	I							1.1E+03			1.1E+03		4.6E+00		
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H									3.4E-03		3.4E-03			1.8E+01		1.4E-05		
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I							1.8E+01			1.8E+01		1.5E-01		
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V					1.7E+05		1.7E+05		9.6E+01		
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P							1.5E+02			1.5E+02		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	CAS No.	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	Protection of Groundwater Soil Screening Levels				
		SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfDo (mg/kg-day)	key	RfCi (mg/m ³)	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	Risk-based SSL	MCL-based SSL			
												ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		mg/kg	mg/kg			
Thallium Sulfate	7446-18-6					8.0E-05	I							2.9E+00		2.9E+00							
Thiobencarb	28249-77-6					1.0E-02	I							3.7E+02		3.7E+02		2.0E+00					
Thiofanox	39196-18-4					3.0E-04	H							1.1E+01		1.1E+01		4.3E-03					
Thiophanate, Methyl	23564-05-8					8.0E-02	I							2.9E+03		2.9E+03		6.7E-01					
Thiram	137-26-8					5.0E-03	I							1.8E+02		1.8E+02		4.0E-02					
Tin	7440-31-5					6.0E-01	H							2.2E+04		2.2E+04		5.5E+03					
Titanium Tetrachloride	7550-45-0									1.0E-04	A												
Toluene	108-88-3					8.0E-02	I			5.0E+00	I	V					2.9E+03	1.0E+04	2.3E+03	1.0E+03	1.7E+00	7.6E-01	
Toluene diisocyanate mixture (TDI)	26471-62-5	3.9E-02	C	1.1E-05	C					7.0E-05	I	V	1.7E+00	4.4E-01	3.5E-01		1.5E-01	1.5E-01			2.7E-03		
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C								1.8E-02		1.8E-02						7.8E-06		
Toluene-2,5-diamine	95-70-5					6.0E-01	H									2.2E+04		2.2E+04			9.6E+00		
Toluene-2,6-diamine	823-40-5					3.0E-02	P									1.1E+03		1.1E+03			4.9E-01		
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C											3.7E-01		3.7E-01			1.3E-04		
Toluidine, p-	106-49-0	1.9E-01	H													3.5E-01		3.5E-01			1.2E-04		
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I											6.1E-02		6.1E-02		3.0E+00	1.2E-02	6.0E-01	
Tralothrin	66841-25-6					7.5E-03	I									2.7E+02		2.7E+02			1.4E+02		
Tri-n-butyltin	688-73-3					3.0E-04	A									1.1E+01		1.1E+01			2.8E-01		
Triallate	2303-17-5					1.3E-02	I									4.8E+02		4.7E+02			1.7E+00		
Triasulfuron	82097-50-5					1.0E-02	I									3.7E+02		3.7E+02			3.3E-01		
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I									1.8E+02		1.8E+02			3.0E-01		
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P						7.3E+00	7.3E+00	7.3E+00	7.3E+03		7.3E+03			2.9E-02		
Tributyltin Compounds	NA					3.0E-04	P									1.1E+01		1.1E+01			1.1E+01		
Tributyltin Oxide	56-35-9					3.0E-04	I									1.1E+01		1.1E+01			8.2E+02		
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.0E+01	I	3.0E+01	H	V						1.1E+06	6.3E+04	5.9E+04			1.5E+02		
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H										2.3E+00		2.3E+00						2.2E-03		
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H										2.0E+00		2.0E+00						1.2E-03		
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C			1.0E-02	I	4.0E-03	P	V			1.9E+01	1.9E+01	1.9E+01	3.7E+02	8.3E+00	8.2E+00	7.0E+01		1.3E-02	1.2E-01	
Trichloroethane, 1,1,1-	71-55-6					2.0E+00	I	5.0E+00	I	V						7.3E+04	1.0E+04	9.1E+03	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						1.2E+00	3.0E-01	2.4E-01	1.5E+02		1.5E+02	5.0E+00		8.2E-05	1.7E-03	
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C								5.2E+00	2.4E+00	1.7E+00				5.0E+00		6.2E-04	1.9E-03	
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V						1.1E+04	1.5E+03	1.3E+03			8.4E-01		
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I									3.7E+03		3.7E+03			9.4E+00		
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P						6.1E+00	6.1E+00	6.1E+00	3.7E+01		3.7E+01			1.6E-02		
Trichlorophenoxy Propionic Acid, 2(2,4,5-	93-72-1					8.0E-03	I									2.9E+02		2.9E+02	5.0E+01		1.1E-01	1.8E-02	
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I									3.7E+02		3.7E+02			1.1E-01		
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I									1.8E+02		1.8E+02			7.6E-02		
Trichloropropane, 1,2,3-	96-18-4	7.0E+00	H			6.0E-03	I						9.6E-03	9.6E-03	9.6E-03	2.2E+02		2.2E+02			4.5E-06		
Trichloropropene, 1,2,3-	96-19-5					1.0E-02	P	1.0E-03	P	V						3.7E+02	2.1E+00	2.1E+00			1.1E-03		
Tridiphane	58138-08-2					3.0E-03	I									1.1E+02		1.1E+02			4.1E-01		
Triethylamine	121-44-8									7.0E-03	I	V					1.5E+01	1.5E+01			6.1E-03		
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I						8.7E+00	8.7E+00	8.7E+00	2.7E+02		2.7E+02			1.7E-01		
Trimethyl Phosphate	512-56-1	3.7E-02	H										1.8E+00	1.8E+00	1.8E+00						3.9E-04		
Trimethylbenzene, 1,2,4-	95-63-6									7.0E-03	P	V				1.5E+01	1.5E+01				2.4E-02		
Trimethylbenzene, 1,3,5-	108-67-8					5.0E-02	P	6.0E-03	P	V						1.8E+03	1.3E+01	1.2E+01			2.0E-02		
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I									1.1E+03	1.1E+03				2.6E+00		
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I						2.2E+00	2.2E+00	2.2E+00	1.8E+01		1.8E+01			8.7E-03		
Triphenylphosphine Oxide	791-28-6					2.0E-02	P									7.3E+02		7.3E+02			1.5E+00		
Tris(2-chloroethyl)phosphate	115-96-8	1.4E-02	P			3.0E-01	P						4.8E+00	4.8E+00	4.8E+00	1.1E+04		1.1E+04			3.9E-03		
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P						2.1E+01	2.1E+01	2.1E+01	3.7E+03		3.7E+03			9.6E+01		
Uranium (Soluble Salts)	NA					3.0E-03	I	3.0E-04	A							1.1E+02		1.1E+02			4.9E+01		
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P							3.3E+02		3.3E+02					
Vanadium Sulfate	36907-42-3					2.0E-02	H									7.3E+02		7.3E+02					
Vanadium and Compounds	NA					5.0E-03	I									1.8E+02		1.8E+02			1.8E+02		
Vanadium, Metallic	7440-62-2					7.0E-03	H									2.6E+02		2.6E+02			2.6E+02		
Vernolate	1929-77-7					1.0E-03	I									3.7E+01		3.7E+01			4.2E-02		
Vinclozolin	50471-44-8					2.5E-02	I									9.1E+02		9.1E+02			7.1E-01		
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V						3.7E+04	4.2E+02	4.1E+02			8.8E-02		
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V						6.3E+00	6.3E+00				4.5E-05		
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M		1.7E-02	1.5E-01	1.5E-01	1.1E+02	2.1E+02	7.2E+01	2.0E+00		5.7E-06	7.0E-04	
Warfarin	81-81-2					3.0E-04	I									1.1E+01		1.1E+01			8.2E-03		
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V						7.3E+03	2.1E+02	2.0E+02	1.0E+04		2.3E-01	1.1E+01	
Xylene, p-	106-42-3							7.0E-01	C	V						1.5E+03	1.5E+03				1.6E+00		
Xylene, m-																							