

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs							
SFO (mg/kg-day) ¹	key	IUR (ug/m ³) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³)	key	vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
2.2E-06	I	1.2E-03	O	9.0E-03	I	1.1E+05					0.1		Acetophate	30560-19-1	7.6E+01	n	9.8E+02	n	1.3E+00	c**	5.6E+00	c**	2.4E+01	n		5.3E-03	n		
		2.0E-02	I	1.1E+05							0.1		Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**	1.3E+00	c**	5.6E+00	c**	2.6E+00	c**		5.2E-04	c**		
		9.0E-01	I	1.1E+05							0.1		Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n	1.3E+00	c**	5.6E+00	c**	3.5E+02	n		2.8E-01	n		
		3.1E+01	A	1.1E+05							0.1		Acetone	67-64-1	6.1E+04	n	6.7E+05	nms	3.2E+04	n	1.4E+05	n	1.4E+04	n		2.9E+00	n		
		2.0E-03	X	1.3E+05							0.1		Acetone Cyanohydrin	75-86-5	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n							
		6.0E-02	I	1.3E+05							0.1		Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	n		
3.8E+00	C	1.3E-03	C	2.5E+03							0.1		Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms	1.2E+03	c	9.4E-03	c	1.9E+03	n		5.8E-01	n		
		5.0E-04	I	2.3E+04							0.1		Acetylaminofluorene, 2-	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.5E-05	c		
		2.0E-05	I	1.1E+05							0.1		Acrolein	107-02-8	1.4E-01	n	6.0E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.4E-06	n		
5.0E-01	I	1.0E-04	I	1.1E+05							0.1		Acrylamide	79-06-1	2.4E-01	c	4.6E+00	c	1.0E-02	c	1.2E-01	c	5.0E-02	c		1.1E-05	c		
		1.0E-03	I	1.1E+05							0.1		Acrylic Acid	79-10-7	9.9E+01	n	4.2E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.2E-04	n		
5.4E-01	I	6.8E-05	I	1.1E+04							0.1		Acrylonitrile	107-13-1	2.5E-01	c*	1.1E+00	c*	4.1E-02	c*	1.8E-01	c*	5.2E-02	c*		1.1E-05	c*		
		6.0E-03	P	1.1E+05							0.1		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n				2.0E+00	n	1.6E-03	
5.6E-02	C	1.0E-02	I	1.1E+05							0.1		Alachlor	15972-60-8	9.7E+00	c*	4.1E+01	c					1.1E+00	c	2.0E+00	8.7E-04	c	1.6E-03	
		1.0E-03	I	1.1E+05							0.1		Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n					2.0E+01	n	3.0E+00	4.9E-03	n	7.5E-04	
		1.0E-03	I	1.1E+05							0.1		Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n					2.0E+01	n	2.0E+00	4.4E-04	n	4.8E-04	
		3.0E-05	I	1.1E+05							0.1		Aldicarb Sulfoxide	1646-87-3	6.3E+01	n	8.2E+02	n					2.0E+01	n	4.0E+00	1.4E-03	n	4.8E-04	
1.7E+01	I	4.9E-03	I	1.1E+05							0.1		Aldrin	309-00-2	3.9E-02	c*	1.8E-01	c	5.7E-04	c	2.5E-03	c	9.2E-04	c		1.5E-04	c		
		5.0E-03	I	1.1E+05							0.1		Allyl Alcohol	107-18-6	3.5E+00	n	1.5E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n		
2.1E-02	C	6.0E-06	C	1.4E+03							0.1		Allyl Chloride	107-05-1	7.2E-01	c**	3.2E+00	c**	4.7E-01	c**	2.0E+00	c**	7.3E-01	c**		2.3E-04	c**		
		5.0E-03	P	1.4E+03							0.1		Aluminum	7429-90-5	7.7E-04	n	1.1E+06	nm	5.2E+00	n	2.2E+01	n	2.0E+04	n		3.0E+04	n		
		1.0E-04	I	1.4E+03							0.1		Aluminum Phosphide	20859-73-3	3.1E+01	n	4.7E+02	n					8.0E+00	n		1.6E-01	n		
2.1E+01	C	6.0E-03	C	1.4E+03							0.1		Ametryn	834-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.5E-05	c		
		3.0E-03	X	1.4E+03							0.1		Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	2.0E-03	c	3.0E-03	c		1.6E-01	n		
		8.0E-02	P	1.4E+03							0.1		Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n					1.6E+03	n		6.1E-01	n		
		4.0E-03	X	1.4E+03							0.1		Aminophenol, o-	95-55-6	2.5E+02	n	3.3E+03	n					7.9E+01	n		3.0E-02	n		
		2.0E-02	P	1.4E+03							0.1		Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n		
		5.0E-01	I	1.4E+03							0.1		Amitraz	33089-61-1	1.6E+02	n	2.1E+03	n					8.2E+00	n		4.2E+00	n		
		5.0E-01	I	1.4E+03							0.1		Ammonia	7664-41-7	1.3E+02	n	1.6E+03	n	5.2E+02	n	2.2E+03	n				1.9E-01	n		
		3.0E-03	X	1.4E+03							0.1		Ammonium Picrate	131-74-8	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n		
		3.0E-03	X	1.4E+03							0.1		Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n		1.3E-03	n		
5.7E-03	I	1.6E-06	C	1.4E+03							0.1		Amyl Alcohol, tert-	75-85-4	8.2E+01	n	3.4E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		4.6E-03	n		
4.0E-02	P	7.0E-03	P	1.4E+03							0.1		Aniline	62-53-3	9.5E+01	c**	4.0E+02	c*	1.0E+00	n	4.4E+00	n	1.3E+01	c*		4.6E-03	c*		
		3.0E-03	X	1.4E+03							0.1		Anthraquinone, 9,10-	84-85-1	1.4E+01	c**	5.7E+01	c*					1.4E+00	c*		1.4E-02	c*		
		3.0E-04	A	1.4E+03							0.15		Antimony (metallic)	7440-36-0	3.1E+01	n	4.7E+02	n	3.1E-01	n	1.3E+00	n	7.8E+00	n	6.0E+00	3.5E-01	n	2.7E-01	
		5.0E-04	H	1.4E+03							0.15		Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n					9.7E+00	n		1.5E-01	n		
		4.0E-04	H	1.4E+03							0.15		Antimony Trioxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n		1.5E-01	n		
1.5E+00	I	4.3E-03	I	1.4E+03							0.03		Antimony Trioxide	1330-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n				1.0E+01	1.5E-03	c	2.9E-01
		1.5E-05	C	1.4E+03							0.03		Arsenic, Inorganic	7440-38-2	6.8E-01	c*R	3.0E+00	cR	6.5E-04	c*	2.9E-03	c*	5.2E-02	c		1.0E+01	1.5E-03	c	2.9E-01
		5.0E-05	I	1.4E+03							0.1		Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n		7.0E+06(G)			
		3.6E-02	O	1.4E+03							0.1		Asbestos (units in fibers)	1332-21-4												7.0E+06(G)			
2.3E-01	C	3.5E-02	I	1.4E+03							0.1		Asulam	3337-71-1	2.3E+03	n	3.0E+04	n					7.2E+02	n		1.8E-01	n		
8.8E-01	C	2.5E-04	C	1.4E+03							0.1		Atrazine	1912-24-9	2.4E+00	c	1.0E+01	c					3.0E-01	c	3.0E+00	2.0E-04	c	1.9E-03	
		4.0E-04	I	1.4E+03							0.1		Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	7.8E-02	c		7.1E-04	n		
		3.0E-03	A	1.4E+03							0.1		Avermectin B1	65195-55-3	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.4E+01	n		
1.1E-01	I	3.1E-05	I	1.4E+03							0.1		Azinphos-methyl	86-50-0	1.9E+02	n	2.5E+03	n	1.0E+01	n	4.4E+01	n	5.6E+01	n		1.7E-02	n		
		7.0E-06	P	1.4E+03							0.1		Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.3E-04	c		
		5.0E-04	H	1.4E+03							0.1		Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n	7.3E-03	n	3.1E-02	n	2.0E+04	n		6.8E+00	n		
		5.0E-04	H	1.4E+03							0.15		Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	3.8E+03	n	2.0E+03	1.6E+02	n	8.2E+01	
		5.0E-03	O	1.4E+03							0.07		Bentfluralin	1861-40-1	3.9E+02														

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SFO (mg/kg-day) ¹	key	IUR (ug/m ³) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³) ¹	key	vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
7.9E-03	I	1.1E-06	I	2.0E-02	I	9.2E+02	I	V				9.2E+02	Bromoform	75-25-2	1.9E+01	c*	2.6E+01	c	2.6E+00	c	1.1E+01	c	3.3E+00	c	8.0E+01(G)	8.7E-04	c	2.1E-02	
				1.4E-03	I	3.6E+03	I	V					Bromomethane	74-83-9	6.8E+00	n	3.0E+01	c	5.2E+00	c	2.2E+01	n	7.5E+00	n		1.9E-03	n		
				5.0E-03	H		V						Bromophos	2104-96-3	3.9E+02	n	5.8E+03	n					3.5E+01	n		1.5E-01	n		
1.0E-01	O			1.5E-02	O		V				0.1	9.7E+02	Bromopropane, 1-Bromoxynil	106-94-5	2.2E+02	c	9.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	c		6.4E-02	n		
				1.5E-02	O		V							1689-84-5	5.3E+00	c	2.2E+01	c					6.1E-01	c		5.2E-04	c		
1.0E-01	O			1.5E-02	O		V						Bromoxynil Octanoate	1689-99-2	6.7E+00	c	3.2E+01	c					2.4E-01	c		2.1E-03	c		
6.0E-01	C	3.0E-05	I			2.0E-03	I	V				6.7E+02	Butadiene, 1,3-Butanoic acid, 4-(2,4-dichlorophenoxy)-	106-99-0	7.6E-02	c*	3.3E-01	c*	9.4E-02	c*	4.1E-01	c*	7.1E-02	c*		3.9E-05	c*		
				3.0E-02	O		V				0.1			94-82-6	1.9E+03	n	2.5E+04	n					4.5E+02	n		4.2E-01	n		
				1.0E-01	I		V					7.6E+03	Butanol, N-Butyl alcohol, sec-Butylate	71-36-3	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		4.1E-01	n		
				2.0E+00	P	3.0E+01	P	V				2.1E+04		78-92-2	1.3E+05	nms	1.5E+06	nms	3.1E+04	n	1.3E+05	n	2.4E+04	n		5.0E+00	n		
				5.0E-02	I		V							2008-41-5	3.9E+03	n	5.8E+04	n					4.6E+02	n		4.5E-01	n		
2.0E-04	C	5.7E-08	C							0.1			Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c		
3.6E-03	P			3.0E-01	P		V				0.1		Butylated hydroxytoluene	128-37-0	1.5E+02	c	6.4E+02	c					3.4E+00	c		1.0E-01	c		
				5.0E-02	P		V					1.1E+02	Butylbenzene, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene	104-51-8	3.9E+03	ns	5.8E+04	ns					1.0E+03	n		3.2E+00	n		
				1.0E-01	X		V					1.5E+02		135-98-8	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		5.9E+00	n		
				2.0E-01	X		V					1.8E+02		98-06-6	7.8E+03	ns	1.2E+05	nms					6.9E+02	n		1.6E+00	n		
				7.0E-02	A						0.1		Caoglycidic Acid	75-80-5	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.1E-01	n		
1.8E-03	I			1.0E-03	I	1.0E-05	A			0.025	0.001		Cadmium (Diet)	7440-43-9	7.1E+01	n	9.8E+02	n	1.6E-03	c**	6.8E-03	c**	9.2E+00	n		6.9E-01	n	3.8E-01	
1.8E-03	I			5.0E-04	I	1.0E-05	A			0.05	0.001		Cadmium (Water)	7440-43-9	7.1E+01	n	9.8E+02	n	1.6E-03	c**	6.8E-03	c**	9.2E+00	n	5.0E+00	2.5E+00	n		
				5.0E-01	I	2.2E-03	C						Caprolactam	105-80-2	3.1E+04	n	4.0E+05	nm					9.9E+03	n		2.5E+00	n		
1.5E-01	C	4.3E-05	C								0.1		Captafol	2425-06-1	3.6E+00	c*	1.5E+01	c	6.5E-02	c	2.9E-01	c	4.0E-01	c*		7.1E-04	c*		
2.3E-03	C	6.6E-07	C								0.1		Captan	133-06-2	2.4E+02	c*	1.0E+03	c	4.3E+00	c	1.9E+01	c	3.1E+01	c*		2.2E-02	c*		
				1.0E-01	I						0.1		Carbaryl	63-25-2	6.3E+03	n	8.2E+04	n					1.8E+03	n		1.7E+00	n		
				5.0E-03	I						0.1		Carbofuran	1563-66-2	3.2E+02	n	4.1E+03	n					9.4E+01	n		4.0E+01	n	3.7E-02	n
				1.0E-01	I	7.0E-01	I	V				7.4E+02	Carbon Disulfide	75-15-0	7.7E+02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n		2.4E-01	n		
7.0E-02	I	6.0E-06	I									4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.6E-01	c	5.0E+00	1.8E-04	c	1.9E-03	
				1.0E-01	P		V					5.9E+03	Carbonyl Sulfide	463-58-1	6.7E+01	n	2.8E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		5.1E-01	n		
				1.0E-02	I						0.1		Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n					5.1E+01	n		1.2E+00	n		
				1.0E-01	I						0.1		Carboxin	5234-68-4	6.3E+03	n	8.2E+04	n					1.9E+03	n		1.0E+00	n		
				9.0E-04	I								Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n				4.0E-01	n		
				1.0E-01	I		V						Chloral Hydrate	302-17-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n		7.0E-02	n		
				1.5E-02	I						0.1		Chloramben	133-90-4	9.5E+02	n	1.2E+04	n					2.9E+02	n		4.0E+03(G)			
4.0E-01	H			5.0E-04	G		V				0.1		Chloramines, Organic	E701235	1.3E+00	c	5.7E+00	c					1.8E-01	c		1.5E-04	c		
				5.0E-04	G		V				0.04		Chlorani	118-75-2	3.6E+01	n	5.0E+02	n					3.6E+00	n		4.9E-01	n		
				5.0E-04	G		V				0.04		Chlorodane (alpha)	5103-77-9	3.6E+01	n	5.0E+02	n					1.0E+01	n		1.4E+00	n		
3.5E-01	I	1.0E-04	I								0.04		Chlorodane (gamma)	5103-77-2	3.6E+01	n	5.0E+02	n					1.0E+01	n		2.0E+00	2.7E-03	c*	2.7E-01
1.0E+01	I	4.6E-03	C								0.1		Chlorodane (technical mixture)	12789-03-6	1.7E+00	c*	7.7E+00	c*	2.8E-02	c*	1.2E-01	c*	2.0E-02	c*		2.7E-03	c*		
				3.0E-04	C								Chlordecone (Kepone)	143-50-0	5.4E-02	c	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c		1.2E-04	c		
				7.0E-04	A								Chlorfeniphos	470-90-6	4.4E-01	n	5.7E+02	n					1.1E+01	n		3.1E-02	n		
				9.0E-02	O						0.1		Chlorfenvinphos	90982-32-4	5.7E+03	n	7.4E+04	n					1.8E+03	n		6.0E-01	n		
				1.0E-01	I	1.5E-04	A	V				2.8E+03	Chlorimuron, Ethyl-Chlorine	7782-50-5	1.8E-01	n	7.8E-01	n	1.5E-01	n	6.4E-01	n	3.0E-01	n	4.0E+03(G)	1.5E-04	n	2.0E+00	
				3.0E-02	I	2.0E-04	I	V					Chlorine Dioxide	10049-04-4	2.3E+03	n	3.4E+04	n	2.1E-01	n	8.8E-01	n	4.2E-01	n	8.0E+02(G)				
				3.0E-02	I								Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.5E+04	n					6.0E+02	n		1.0E+03			
				5.0E+01	I							1.2E+03	Chloro-1,1-difluoroethane, 1-Chloro-1,3-butadiene, 2-Chloro-2-methylaniline HCl, 4-Chloro-2-methylaniline, 4-Chloroacetaldehyde, 2-Chloroacetic Acid	79-11-8	4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n			6.0E+01(G)	5.2E+01	n	1.2E-02	
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V		7.9E+02	Chloroacetophenone, 2-Chloroaniline, p-Chlorobenzene	532-27-4	2.7E+00	c*	1.1E+01	c					3.7E-01	c		1.6E-04	c		
4.6E-01	H			2.0E-02	H						0.1		Chlorobenzene sulfonic acid, p-Chlorobenzilate	106-47-3	2.7E+02	n	1.3E+03	ns	5.2E+01	n	2.2E+02	n	7.8E+01	n	1.0E+02	5.3E-02	n	6.8E-02	
1.0E-01	P	7.7E-05	C										Chlorobenzene sulfonic acid, p-Chlorobenzilate	106-90-7	2.8E+02	n	8.2E+04	n					2.0E+03	n		4.7E-01	n		
2.7E-01	X			3.0E-03	X								Chlorobenzilate	98-66-8	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.7E-01	n		
				3.0E-02	X						0.1		Chlorobenzoic acid, p-Chlorobenzotrifluoride, 4-Chlorobutane, 1-Chlorodifluoromethane	510-15-6	4.9E+00	c	2.1E+01	c	9.1E-02	c	4.0E-01	c	3.1E-01	c		1.0E-03	c		
				3.0E-02	X						0.1		Chlorobutane, 1-Chlorodifluoromethane	74-11-3	1.9E+03	n	2.5E+04	n					5.1E+02	n		1.3E-01	n		
				8.6E-06	C	3.0E-03	P	3.0E-01	P																				

Toxicity and Chemical-specific Information													Contaminant		Screening Levels									Protection of Ground Water SSLs				
SFO (mg/kg-day) ¹	key	IUR (ug/m ³) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³)	key	vo	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
4.0E-02	H												Copper	7440-50-8	3.1E+03	n	4.7E+04	n					8.0E+02	n	1.3E+03	7.4E+01	n	4.6E+01
5.0E-02	I			6.0E-01	C					0.1			Cresol, m-	108-39-4	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n		2.8E+01	n	
5.0E-02	I			6.0E-01	C					0.1			Cresol, o-	95-48-7	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.5E-01	n	
1.0E-01	A			6.0E-01	C					0.1			Cresol, p-	106-44-5	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.9E+03	n		1.5E+00	n	
1.9E+00	H											1.7E+04	Cresol, p-chloro-m-Cresols	59-50-7	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.4E+03	n		1.7E+00	n	
1.0E-01	A			6.0E-01	C					0.1			Cresols	1319-77-3	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.5E+03	n		1.3E+00	n	
1.0E-03	P											2.7E+02	Crotonaldehyde, trans-	123-73-9	3.7E-01	c	1.7E+00	c					4.0E-02	c		8.2E-06	c	
2.2E-01	C	6.3E-05	C										Cumene	98-82-8	1.9E+03	ns	9.9E+03	ns	4.2E+02	n	1.8E+03	n	4.6E+02	n		7.4E-01	n	
8.4E-01	H			2.0E-03	H					0.1			Cupferron	135-20-6	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.5E-01	c		6.1E-04	c	
													Cyanazine	21725-46-2	6.6E-01	c	2.7E+00	c					8.8E-02	c		4.1E-05	c	
													Cyanides															
1.0E-03	I												-Calcium Cyanide	592-01-8	7.8E+01	n	1.2E+03	n					2.0E+01	n				
5.0E-03	I												-Copper Cyanide	544-92-3	3.9E+02	n	5.8E+03	n					1.0E+02	n				
6.0E-04	I			8.0E-04	G	V						9.5E+05	-Cyanide (CN-)	57-12-5	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00
1.0E-03	I												-Cyanogen	460-19-5	7.8E+01	n	1.2E+03	n					2.0E+01	n				
9.0E-02	I												-Cyanogen Bromide	506-68-5	7.0E+03	n	1.1E+05	nm					1.8E+03	n				
5.0E-02	I												-Cyanogen Chloride	506-77-4	3.9E+03	n	5.8E+04	n					1.0E+03	n				
6.0E-04	I			8.0E-04	I	V						1.0E+07	+Hydrogen Cyanide	74-90-8	2.3E-01	n	1.5E-02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n		1.5E-02	n	
2.0E-03	I												+Potassium Cyanide	151-50-8	1.6E-02	n	2.3E+03	n					4.0E+01	n				
5.0E-03	I								0.04				+Potassium Silver Cyanide	506-61-6	3.9E-02	n	5.8E+03	n					8.2E+01	n				
1.0E-01	I								0.04				-Silver Cyanide	506-64-9	7.8E+03	n	1.2E+05	nm					1.8E+03	n				
1.0E-03	I												-Sodium Cyanide	143-33-9	7.8E+01	n	1.2E+03	n					2.0E+01	n	2.0E+02			
2.0E-04	P												-Thiocyanates	E1790664	1.6E+01	n	2.3E+02	n					4.0E+00	n				
2.0E-04	X												-Thiocyanic Acid	463-56-9	1.6E+01	n	2.3E+02	n					4.0E+00	n				
5.0E-02	I												-Zinc Cyanide	557-21-1	3.9E+03	n	5.8E+04	n					1.0E+03	n				
2.0E-02	X			6.0E+00	I	V						1.2E+02	Cyclohexane	110-82-7	6.5E+03	ns	2.7E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01	n	
2.0E+00	X			7.0E-01	P	V						5.1E+03	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.7E+01	c*	1.1E+02	c					2.8E+00	c		1.6E-02	c	
5.0E+00	X			1.0E+00	X	V						2.8E+02	Cyclohexanone	108-94-1	2.8E+04	ns	1.3E+05	nms	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.4E-01	n	
5.0E-03	P			1.0E+00	X	V						2.8E+02	Cyclohexene	110-83-8	3.1E-02	ns	3.1E+03	ns	1.0E+03	n	4.4E+03	n	7.0E+01	n		4.6E-02	n	
2.0E-01	I											2.9E+05	Cyclohexylamine	108-91-8	1.6E-04	n	2.3E+05	nm					3.8E+03	n		1.0E+00	n	
2.5E-02	I									0.1			Cyfluthrin	68359-37-5	1.6E+03	n	2.1E+04	n					1.2E+02	n		3.1E+01	n	
1.0E-03	O												Cyhalothrin	68085-85-8	6.3E+01	n	8.2E+02	n					2.0E+01	n		1.4E+01	n	
6.0E-02	O												Cypermethrin	52315-07-8	3.8E+03	n	4.9E+04	n					1.2E+03	n		1.9E+02	n	
5.0E-01	O												Cyromazine	66215-27-8	3.2E+04	n	4.1E+05	nm					9.9E+00	n		2.5E+00	n	
2.4E-01	I	6.9E-05	C	3.0E-05	X							0.1	DDD, p,p'-(DDD)	72-54-6	1.9E+00	n	6.6E+00	c**	4.1E-02	c	1.8E-01	c	3.2E-02	c**		7.5E-03	c**	
3.4E-01	I	9.7E-05	C	3.0E-04	X								DDE, p,p'	72-55-9	2.0E+00	c*	9.3E+00	c*	2.9E-02	c	1.3E-01	c	4.6E-02	c		1.1E-02	c	
3.4E-01	I	9.7E-05	C	5.0E-04	X					0.03			DDT	50-29-3	1.9E+00	c*	8.5E+00	c*	2.9E-02	c	1.3E-01	c	2.3E-01	c*		7.7E-02	c*	
1.8E-02	C	5.1E-06	C	1.5E-01	I								Dalapon	75-99-0	1.9E+03	n	2.5E+04	n					6.0E+02	n	2.0E+02	1.2E-01	n	4.1E-02
7.0E-04	I			7.0E-03	I								Daminozide	1596-84-5	3.0E+01	c	1.3E+02	c	5.5E-01	c	2.4E+00	c	4.3E+00	c		9.5E-04	c	
4.0E-05	I												Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	4.4E+02	n	3.3E+03	c**					1.1E+02	c**		6.2E+01	c**	
1.2E-03	I			6.0E-01	I								Demeton	8065-48-3	2.5E+00	n	3.3E+01	n					4.2E-01	n				
6.1E-02	H												Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c*	1.9E+03	c					6.5E+01	c	4.0E+02	4.7E+00	c	2.9E+01
				7.0E-04	A								Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.4E-01	c		8.0E-04	c	
				1.0E-02	X								Diazinon	333-41-5	4.4E+01	n	5.7E+02	n					1.0E+01	n		6.5E-02	n	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M			9.8E+02	Dibenzothioophene	132-65-0	7.8E+02	n	1.2E+04	n					6.5E+01	n		1.2E+00	n	
													Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E+03	c	6.4E-02	c	1.7E-04	c	2.0E-03	c	3.3E-04	c	2.0E-01	1.4E-07	c	8.6E-05
													Dibromoacetic acid	631-64-1	3.1E+01	n	4.7E+02	ns					5.3E+00	n	6.0E+01(G)	5.1E-03	n	1.2E-02
													Dibromobenzene, 1,3-	108-36-1	7.8E+02	n	1.2E+04	n					1.3E+02	n		1.2E-01	n	
													Dibromobenzene, 1,4-	106-37-6	7.8E+02	n	1.2E+04	n					1.3E+02	n		5.1E-03	n	
8.4E-02	I			2.0E-02	I	V						8.0E+02	Dibromochloromethane	124-48-1	8.3E+00	c	3.9E+01	c					8.7E-01	c	8.0E+01(G)	2.3E-04	c	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	V						1.3E+03	Dibromomethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0E-02	c	7.5E-03	c	5.0E-02	2.1E-06	c	1.4E-05
				4.0E-03	X	V						2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.4E+01	n	9.9E+01	n	4.2E+00	n	1.8E+01	n	8.3E+00	n		2.1E-03	n	
3.0E-04	P												Dibutyltin Compounds	E1790660	1.9E+01	n												

Toxicity and Chemical-specific Information															Contaminant		Screening Levels										Protection of Ground Water SSLs			
SFO (mg/kg-day) ¹	key	IUR (ug/m ³) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³)	key	vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
3.5E+02	C	1.0E-01	C	6.0E-02 1.0E-03	P P	3.0E-04	P	V		1	0.1	1.1E+05	Diethylene Glycol Monoethyl Ether Diethylformamide Diethylstilbestrol	111-90-0 617-84-5 56-53-1	3.8E+03 7.9E+01 1.6E-03	n n c	4.8E+04 4.2E+03 6.6E-03	n n c	3.1E-01	n	1.3E+00	n	1.2E+03 2.0E+01 5.1E-05	n n c		2.6E+01 4.1E-03 2.8E-05	n n c			
				8.3E-02 2.0E-02	O I					1	0.1		Difenzoquat Diflufenburon	43222-48-6 35367-38-5	5.2E+03 1.3E+03	n n	6.8E+04 1.6E+04	n n	2.8E-05	c	1.2E-04	c	1.7E+03 2.9E+02	n n		2.6E+02 3.3E-01	n n			
4.4E-02	C	1.3E-05	C							1	0.1	1.4E+03	Difluoroethane, 1,1- Difluoropropane, 2,2- Dihydrosafrole	75-37-6 420-45-1 94-58-6	4.8E+04 2.4E+04 9.9E+00	ns ns c	2.0E+05 1.0E+05 4.5E+01	nms ns c	4.2E+04	n	1.8E+05	n	8.3E+04 6.3E+04	n n		2.8E+01 1.4E+02	n c			
				7.0E-01	P					1	0.1	2.3E+03	Diisopropyl Ether	108-20-3	2.2E+03	n	9.4E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	n			
				8.0E-02 2.2E-02 2.2E-03	I O O					1	0.1	5.3E+02	Diisopropyl Methylphosphonate Dimethipin Dimethoate	1445-75-6 55290-64-7 60-51-5	6.3E+03 1.4E+03 1.4E+02	ns n n	9.3E+04 1.8E+04	ns n					1.6E+03 4.4E+02 4.4E+01	n n n		4.5E-01 9.6E-02 9.9E-03	n n c			
1.6E+00 1.7E-03 4.6E+00	P P C	1.3E-03	C	6.0E-02	P					1	0.1		Dimethoxybenzidine, 3,3'- Dimethyl methylphosphonate Dimethylamino azobenzene [p-]	119-90-4 756-79-6 60-11-7	3.4E-01 3.2E+02 1.2E-01	c c* c	1.4E+00 1.4E+03 5.0E-01	c c* c	2.2E-03	c	9.4E-03	c	5.0E-03	c	4.7E-02 4.6E+01 5.0E-03	n c* c		5.8E-05 9.6E-03 2.1E-05	c c* c	
5.8E-01 2.0E-01 2.7E-02	H P P			2.0E-03 2.0E-03	X I					1	0.1	8.3E+02	Dimethylaniline HCl, 2,4- Dimethylaniline, 2,4- Dimethylaniline, N,N-	21436-96-4 95-68-1 121-69-7	9.4E-01 2.7E+00 2.6E-01	c c* c*	4.0E+00 1.1E+01 1.2E+02	c c c*					1.3E-01 3.7E-01 2.5E+00	n n c*		1.2E-04 2.1E-04 9.0E-04	c c c*			
1.1E+01	P			1.0E-01 1.0E-04	P X	3.0E-02 2.0E-06	I X	V		1	0.1	1.1E+05	Dimethylhydrazine, 3,3'- Dimethylformamide Dimethylhydrazine, 1,1-	66-12-2 119-93-7 57-14-7	2.6E-03 4.9E-02 5.7E-02	n c n	1.5E+04 2.1E-01 2.4E-01	n c n	3.1E+01	n	1.3E+02	n	6.1E+01 6.5E-03	n c		4.2E-02 4.3E-05	n c			
5.5E+02	C	1.6E-01	C	2.0E-02 6.0E-04 1.0E-03	I I I					1	0.1	1.9E+05	Dimethylhydrazine, 1,2- Dimethylphenol, 2,4- Dimethylphenol, 2,6- Dimethylphenol, 3,4-	540-73-8 105-67-9 576-26-1 95-65-8	8.8E-04 1.3E+03 3.8E+01 6.3E+01	c n n n	4.1E-03 1.6E+04 4.9E+02	c n n	1.8E-05	c	7.7E-05	c	2.8E-05 3.6E+02 1.1E+01	c n n				6.5E-09 4.2E-01 1.3E-02	c n n	
4.5E-02	C	1.3E-05	C	1.0E-04	I					1	0.1	4.7E+02	Dimethylvinylchloride Dinitro-o-cresol, 4,6- Dinitrophenol, 2,4- Dinitrophenol, 2,6- Dinitrophenol, 3,4-	513-37-1 534-52-1 100-25-4 51-28-5	1.1E+00 5.1E+00 6.3E-00 1.3E-02	c n n n	4.8E+00 6.6E+01 8.2E+01 1.6E+03	c n n n	2.2E-01	c	9.4E-01	c	3.3E-01 1.5E+00 3.9E+01	n n n				2.1E-02 1.1E-04 2.6E-03	n c n	
6.8E-01	I			2.0E-03 1.0E-04 1.0E-04	I P I					1	0.1		Dinitrophenol, 4,4- Dinitrotoluene Mixture, 2,4/2,6- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Dinitrotoluene, 2-Amino-4,6-	100-25-4 16185210 121-14-2 606-20-9	6.3E-00 8.0E-01 1.2E+00 3.6E-01	n n c* c*	8.2E+01 3.4E+00 7.4E+00 1.5E+00	n c c c	2.2E-02	c	1.4E-01	c	2.0E+00 1.1E-01 2.4E-01 4.9E-02	n n n c				1.8E-03 1.8E-03 1.8E-03 1.5E-03	n n n c	
1.5E+00	P			1.0E-04 1.0E-04 1.0E-03	X X X					1	0.006	0.009	Dinitrotoluene, 4-Amino-2,6- Dinitrotoluene, Technical grade Dinoseb	35572-79-2 19406-51-0 25321-14-6	7.7E-00 7.7E-00 1.2E+00	n n c*	1.1E+02 1.1E+02 5.1E+00	n n c					1.9E+00 1.9E+00 1.0E-01	n n n		1.5E-03 1.4E-04 1.3E-01	n c c			
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V		1	0.1	1.2E+05	Dioxane, 1,4- Dioxins ~Hexachlorodibenzo-p-dioxin, Mixture	129-91-1 34465-46-8	5.3E+00 1.0E-04	c c	2.4E+01 4.7E-04	c c	5.6E-01	c*	2.5E+00	c*	4.6E-01	c				9.4E-05	c	
6.2E+03	I	1.3E+00	I	7.0E-10 3.0E-02	I I	4.0E-08	C	V		1	0.03	0.03	-TCDD, 2,3,7,8- Diphenamid Diphenyl Ether	1746-01-6 957-51-7 101-84-8	4.8E-06 1.9E+03 3.4E+01	c* n n	2.2E-05 2.5E+04 1.4E+02	c* n n	7.4E-08	c	3.2E-07	c	9.4E-06 5.3E+02 8.3E-01	c n n		1.3E-05 5.2E+00 3.4E-03	c n n			
8.0E-01	I	2.2E-04	I	1.0E-01	X					1	0.1		Diphenyl Sulfone Diphenylamine Diphenylhydrazine, 1,2-	127-63-9 122-39-4 122-66-7	5.1E+01 6.3E+03 6.8E-01	n n c	6.6E+02 8.2E+04 2.9E+00	n n n	1.3E-02	c	5.6E-02	c	7.8E-02	c	4.0E+01 1.5E+01 1.3E+03	n n n		2.5E-04 2.3E+00 3.6E-02	n n n	
7.4E+00 7.4E+00 6.7E+00	C C C	2.1E-03 2.1E-03 1.9E-03	C	2.2E-03	I					1	0.1		Diquat Direct Black 38 Direct Blue 6 Direct Brown 95	2764-72-9 1937-37-7 2692-46-2 16971-86-6	1.4E+02 7.3E-02 7.3E-02 8.1E-02	n c c c	1.8E+03 3.1E-01 3.1E-01 3.4E-01	n c c c	1.3E-03	c	5.8E-03	c	1.1E-02 1.1E-02 1.2E-02	n n c				2.0E+01 5.1E+00 1.7E+01	n c c	
				4.0E-05 1.0E-02	I I					1	0.1		Disulfoton Dithiane, 1,4-	298-04-4 505-29-3	2.5E+00 7.8E+02	n n	3.3E+01 1.2E+04	n n					5.0E-01 2.0E+02	n n		9.4E-04 9.7E-02	n n			
				2.0E-03 2.0E-02 5.0E-02	I O O					1	0.1		Diuron Dodine EPTC	330-54-1 2439-10-3 759-94-4	1.3E+02 1.3E+03 3.9E+03	n n n	1.6E+03 1.6E+04 5.8E+04	n n n					3.6E+01 4.0E+02 7.5E+02	n n n		1.5E-02 2.1E+00 4.0E-01	n n n			
				6.0E-03 6.0E-03 2.0E-02	I P I					1	0.1		Endosulfan Endosulfan Sulfate Endothal	115-29-7 1031-07-8 145-73-3	4.7E+02 3.8E+02 1.3E+03	n n n	7.0E+03 4.9E+03 1.6E+04	n n n					1.0E+02 1.1E+02 3.8E+02	n n n		1.4E+00 2.1E+00 1.0E+02	n n c			
9.9E-03	I	1.2E-06	I	3.0E-04 6.0E-03	I P	1.0E-03	I	V		1	0.1	1.1E+04	Endrin Epichlorohydrin Epoxybutane, 1,2-	72-20-8 106-89-8 106-88-7	1.9E+01 1.9E+01 1.6E+02	n n n	2.5E+02 8.2E+01 6.7E+02	n n n	1.0E+00	n	4.4E+00	n	2.3E+00 2.0E+00 4.2E+01	n n n		2.0E+00 9.2E-02 4.5E-04	n n n			
				4.0E-02 5.0E-03 5.0E-04	P I I					1	0.1		Ethanol, 2-(2-methoxyethoxy)- Ethephon Ethion	111-77-3 16672-87-0 563-12-2	2.5E+03 3.2E+02 3.2E+01	n n n	3.3E+04 4.1E+03 4.1E+02	n n n					8.0E+02 1.0E+02 4.3E+00	n n n		1.6E-01 2.1E-02 8.5E-03	n n n			
				1.0E-01 9.0E-02 9.0E-01	P P I	6.0E-02	P	V		1	0.1	2.4E+04	Ethoxyethanol Acetate, 2- Ethoxyethanol, 2- Ethyl Acetate	111-15-9 110-90-5 141-78-6	2.6E+03 5.2E+03 6.2E+02	n n n	1.4E+04 4.7E+04 2.6E+03	n n n	6.3E+01	n	2.6E+02	n	8.9E+02 3.4E+02 1.4E+02	n n n		2.5E-02 6.8E-02 3.1E-02	n n n			
				5.0E-03	P	8.0E-03	P	V		1	0.1	2.5E+03	Ethyl Acrylate	140-88-5	4.7E+01	n	2.1E+02	n	8.3E+00	n	3.5E+01	n	1.4E+01	n		3.2E-03	n			
				2.0E-01	I	1.0E+01	I	V		1	0.1	1.0E+04	Ethyl Chloride (Chloroethane) Ethyl Ether	75-00-3 60-29-7	1.4E+04 1.6E+04	ns ns	5.7E+04 2.3E+05	ns nms	1.0E+04	n	4.4E+04	n	2.1E+04 3.9E+03	n n		5.9E+00 8.8E-01	n c			
1.1E-02	C	2.5E-06	C	1.0E-05 1.0E-01	I I	1.0E+00	I	V		1	0.1	4.8E+02	Ethyl Methacrylate Ethyl-p-nitrophenyl Phosphonate Ethylbenzene	97-63-2 2104-64-5 100-41-4	1.8E+03 6.3E-01 5.8E+00	ns n c	7.6E+03 8.2E+00 2.5E+01	ns n c	3.1E+02	n	1.3E+03	n	6.3E+02 8.9E-02 1.5E+00	n n c		7.0E+02 2.8E-03 1.7E-03	n n c			
				7.0E-02 9.0E-02 2.0E+00	P P I					1	0.1	1.9E+05	Ethylene Cyanohydrin Ethylene Diamine Ethylene Glycol	109-78-4 107-15-3 107-21-1	4.4E+03 7.0E+03 1.3E+05	n n nm	5.7E+04 1.1E+05 1.6E+06	n nm nm	4.2E+02	n	1.8E+03	n	4.0E+04 1.8E+03 4.0E+04	n n n		2.8E-01 4.1E-01 8.1E+00	n n n			
3.1E-01 4.5E-02 6.5E+01	C C C	3.0E-03 1.3E-05 1.9E-02	I C C	1.0E+01 3.0E-02	I C	V	M			1	0.1	1.2E+05	Ethylene Glycol Monobutyl Ether Ethylene Oxide Ethylene Thiourea Ethyleneimine	111-76-2 75-21-8 96-45-7 151-56-4	6.3E+03 2.0E-03 5.1E+00 2.7E-03	n c c c	8.2E+04 2.5E-02 5.1E+01 1.2E-02	n c c** c	3.4E-04	c	4.1E-03	c	6.7E-04 2.2E-01 2.4E-04	n c c				4.1E-01 1.4E-07 3.6E-04 5.2E-08	n c c c	

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs							
SFO (mg/kg-day) ¹	key	IUR (ug/m ³) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³)	key	vo	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.0E+00	I												Ethylhexylthiol Ethyl Glycolate	84-72-0	1.9E+05	nm	2.5E+06	nm					5.8E+04	n		1.3E+02	n		
2.5E-04	I												Fenaminophen	22224-92-6	1.8E+01	n	2.1E+02	n					4.4E+00	n		4.3E-03	n		
2.5E-02	I												Fenpropathrin	39515-41-8	1.8E+03	n	2.1E+04	n					6.4E+01	n		2.9E+00	n		
2.5E-02	I												Fenvalerate	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n		3.2E+02	n		
1.3E-02	I												Fluometuron	2164-17-2	8.2E+02	n	1.1E+04	n					2.4E+02	n		1.9E-01	n		
4.0E-02	C	1.3E-02	C										Fluoride	16984-48-8	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	8.0E+02	n	4.0E+03	1.2E+02	n	6.0E+02	
6.0E-02	I	1.3E-02	C										Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	n	7.0E+04	n	1.4E+01	n	5.7E+01	n	1.2E+03	n	4.0E+03	1.8E+02	n	6.0E+02	
8.0E-02	I										0.1		Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n		
4.0E-02	O												Flurprimidol	56425-91-3	2.5E+03	n	3.3E+04	n					6.9E+02	n		3.1E+00	n		
2.0E-03	O												Flusilazole	85509-19-9	1.3E+02	n	1.6E+03	n					3.1E+01	n		5.1E+00	n		
5.0E-01	O												Flutolanil	66332-96-5	3.2E+04	n	4.1E+05	nm					7.9E+03	n		4.2E+01	n		
1.0E-02	I												Fluvalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n		
9.0E-02	O												Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n		3.9E-01	n		
2.5E-03	O												Fomesafen	72178-02-0	1.6E+02	n	2.1E+03	n					4.8E+01	n		1.6E-01	n		
2.1E-02	C	1.3E-05	I									4.2E+04	Formaldehyde	944-22-9	1.3E+02	n	1.6E+03	n	2.2E-01	c*	9.4E-01	c*	2.4E+01	n		4.7E-02	n		
												1.1E+05	Formic Acid	50-00-0	1.1E+01	c*	5.0E+01	c*	3.1E-01	c*	1.3E+00	c*	3.9E-01	c*		7.8E-05	c*		
													Formic Aldehyde	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n		
2.5E+00	O												Fosetyl-AL	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n		6.6E+02	n		
1.0E-03	X												Furans																
1.0E-03	I												-Dibenzofuran	132-64-9	7.8E-01	n	2.1E+03	n					7.9E+00	n		1.5E-01	n		
1.0E-03	I											6.2E+03	-Furan	110-00-9	7.8E-01	n	1.2E+03	n					1.9E+01	n		7.3E-03	n		
3.8E+00	H											1.7E+05	-Tetrahydrofuran	109-99-9	1.8E+04	n	9.5E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n		
													Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c		
1.5E+00	C	4.3E-04	C									1.0E+04	Furfural	98-01-1	2.1E+02	n	2.6E+03	n	5.2E+01	n	2.2E+02	n	3.8E+01	n		8.1E+01	n		
3.0E-02	I	8.6E-06	C										Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c		
													Furmecyclox	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c		1.2E-03	c		
													Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		2.6E-02	n		
													Glutaraldehyde	111-30-8	6.0E+03	n	7.0E+04	n	8.3E-02	n	3.5E-01	n	2.0E+03	n		4.0E-01	n		
													Glycidaldehyde	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n		
													Glyphosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n	7.0E+02	8.8E+00	n	3.1E+00	
													Guanidine	113-00-8	7.8E-02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n		
													Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n		
													Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		8.4E-03	n		
4.5E+00	I	1.3E-03	I										Haloxyp, Methyl	69905-40-2	3.2E+00	n	4.1E+01	n					7.8E-01	n		1.2E-04	n		
9.1E+00	I	2.6E-03	I										Heptachlor	76-44-6	1.3E-01	c	6.3E-01	c	2.2E-03	c	9.4E-03	c	1.4E-03	c	4.0E-01	2.8E-05	c	3.3E-02	
													Heptachlor Epoxide	1024-57-3	7.0E-02	c*	3.3E-01	c*	1.1E-03	c	4.7E-03	c	1.4E-03	c	2.0E-01	2.8E-05	c*	4.1E-03	
													Heptanal, n-	111-71-7	2.4E+01	n	1.0E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		1.4E-03	n		
													Heptane, n-	142-82-5	2.2E+01	n	2.9E+02	ns	4.2E+02	n	1.8E+03	n	6.0E+00	n		4.8E-02	n		
1.6E+00	I	4.6E-04	I										Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n		2.3E-01	n		
													Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68831-49-2	1.3E+01	n	1.6E+02	n					4.0E+00	n		1.2E-04	c	1.3E-02	
													Hexachlorobenzene	118-74-1	2.1E-01	c	9.6E-01	c	6.1E-03	c	2.7E-02	c	9.8E-03	c	1.0E+00	1.2E-04	c	1.3E-02	
7.8E-02	I	2.2E-05	I									1.7E+01	Hexachlorobutadiene	87-68-3	1.2E+00	c*	5.3E+00	c	1.3E-01	c	5.6E-01	c	1.4E-01	c*		2.7E-04	c*		
6.3E+00	I	1.8E-03	I										Hexachlorocyclohexane, Alpha-	319-84-6	8.6E-02	c	3.6E-01	c	1.6E-03	c	6.8E-03	c	7.2E-03	c		4.2E-05	c		
1.8E+00	I	5.3E-04	I										Hexachlorocyclohexane, Beta-	319-85-7	3.0E-01	c	1.3E+00	c	5.3E-03	c	2.3E-02	c	2.5E-02	c		1.5E-04	c		
1.1E+00	C	3.1E-04	C									0.04	Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	5.7E-01	c*	2.5E+00	c	9.1E-03	c	4.0E-02	c	4.2E-02	c*	2.0E-01	2.4E-04	c*	1.2E-03	
1.8E+00	I	5.1E-04	I										Hexachlorocyclohexane, Technical	608-73-1	3.0E-01	c	1.3E+00	c	5.5E-03	c	2.4E-02	c	2.5E-02	c		1.5E-04	c		
													Hexachlorocyclopentadiene	77-47-4	1.8E+00	n	7.5E+00	n	2.1E-01	n	8.8E-01	n	4.1E-01	n	5.0E+01	1.3E-03	n	1.6E-01	
4.0E-02	I	1.1E-05	C										Hexachloroethane	67-72-1	1.8E+00	c*	8.0E+00	c*	2.6E-01	c	1.1E+00	c	3.3E-01	c*		2.0E-04	c*		
8.0E-02	I												Hexachlorophene	70-30-4	1.9E+01	n	2.5E+02	n					6.0E+00	n		8.0E+00	n		
													Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	8.3E+00	c*	3.8E+01	c					9.7E-01	c*		3.7E-04	c*		
													Hexamethylene Diisocyanate, 1,6-	822-06-0	3.1E+00	n	1.3E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		2.1E-04	n		
													Hexamethylene diisocyanate biuret	4035-89-6	5.7E+05	nm	2.4E+06	nm	4.2E-01	n	1.8E+00	n							
													Hexamethylene diisocyanate isocyanurate	3779-63-3	5.7E+05	nm	2.4E+06	nm	4.2E-01	n	1.8E+00	n							
					</																								

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs						
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfD _c (mg/kg-day)	k _e y	RfC _c (mg/m ³)	k _e y	v _o l	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.0E-04	X										1	0.1	Lactonitrile	78-97-7	1.3E+01	n	1.6E+02	n					4.0E+00	n		8.1E-04	n	
5.0E-05	P										1		Lanthanum	7439-91-0	3.9E+00	n	5.8E+01	n					1.0E+00	n				
2.1E-05	P										1	0.1	Lanthanum Acetate Hydrate	100587-90-4	1.3E+00	n	1.7E+01	n					4.2E-01	n				
1.9E-05	P										1		Lanthanum Chloride Heptahydrate	10025-84-0	1.5E+00	n	2.2E+01	n					3.7E-01	n				
2.8E-05	P										1		Lanthanum Chloride, Anhydrous	10099-58-8	2.2E+00	n	3.3E+01	n					5.7E-01	n				
1.6E-05	P										1		Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E+00	n	1.9E+01	n					3.2E-01	n				
8.5E-03	C	1.2E-05	C								1		-Lead Phosphate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c		7.5E-05	c	
2.1E-01	C	8.0E-05	C								1	0.1	-Lead acetate	301-04-2	2.6E+00	c	1.1E+01	c	3.5E-02	c	1.5E-01	c	3.7E-01	c				
3.8E-02	C	1.1E-05	C								1	0.1	-Lead and Compounds	7439-92-1	4.0E+02	G	8.0E+02	G	1.5E-01	G			1.5E+01	G		1.5E+01		1.4E+01
											1		-Lead subacetate	1335-32-6	1.4E+01	c	6.0E+01	c	2.6E-01	c	1.1E+00	c	2.1E+00	c		4.5E-04	c	
											1	2.4E+00	-Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n					1.3E-03	n		4.7E-06	n	
											1	3.8E+02	Lewisite	541-25-3	3.9E-01	n	5.8E+00	n					9.0E-02	n		3.8E-05	n	
7.7E-03	O										1	0.1	Linuron	330-55-2	4.9E+02	n	6.3E+03	n					1.3E+02	n		1.1E-01	n	
2.0E-03	P										1		Lithium	7439-93-2	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.2E+01	n	
5.0E-04	I										1	0.1	MCPA	94-74-6	3.2E+01	n	4.1E+02	n					7.5E+00	n		2.0E-03	n	
4.4E-03	O										1	0.1	MCPB	94-81-5	2.8E+02	n	3.6E+03	n					6.5E+01	n		2.6E-02	n	
1.0E-03	I										1	0.1	MCPB	93-65-2	6.3E-01	n	8.2E+02	n					1.6E+01	n		4.7E-03	n	
2.0E-02	I										1	0.1	MCPB	93-65-2	6.3E-01	n	8.2E+02	n					1.6E+01	n		1.0E-01	n	
1.0E-01	I	7.0E-04	C								1	0.1	Malathion	121-75-5	1.3E-03	n	1.6E+04	n					3.9E+02	n		3.8E-01	n	
5.0E-01	I										1	0.1	Maleic Anhydride	108-31-6	6.3E+03	n	8.0E+04	n	7.3E-01	n	3.1E+00	n	1.9E+03	n		3.8E-01	n	
1.0E-04	P										1	0.1	Maleic Hydrazide	123-33-1	3.2E-04	n	4.1E+05	nm					1.0E+04	n		2.1E+00	n	
1.0E-04	P										1	0.1	Malononitrile	109-77-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.1E-04	n	
3.0E-02	H										1	0.1	Mancozeb	8018-01-7	1.9E+03	n	2.5E+04	n					5.4E+02	n		7.6E-01	n	
5.0E-03	I										1	0.1	Maneb	12427-38-2	3.2E+02	n	4.1E+03	n					9.8E+01	n		1.4E-01	n	
1.4E-01	I	5.0E-05	I								1		Manganese (Diet)	7439-96-5					5.2E-02	n	2.2E-01	n						
2.4E-02	G	5.0E-05	I						0.04				Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n		2.8E+01	n	
9.0E-05	H										1	0.1	Mephofofan	950-10-7	5.7E+00	n	7.4E+01	n					1.8E+00	n		2.6E-03	n	
3.0E-02	I										1	0.1	Mepiquat Chloride	24307-26-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		2.0E-01	n	
1.1E-02	P										1	0.1	Mercaptobenzothiazole, 2-Mercury Compounds	149-30-4	4.9E-01	c**	2.1E+02	c*					6.3E+00	c*		1.8E-02	c*	
3.0E-04	I	3.0E-04	G							0.07			-Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E+00	n	2.0E+00			
1.0E-04	I	3.0E-04	I	V							1	3.1E+00	-Mercury (elemental)	7439-97-6	1.1E+01	ns	4.6E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00	3.3E-02	n	1.0E-01
8.0E-05	I										1	0.1	-Methylmercury Acetate	22967-92-6	7.8E+00	n	1.2E+02	n					2.0E+00	n		1.4E+01	n	
3.0E-05	I										1	0.1	Merphos	6238-44-4	5.1E+00	n	6.8E+01	n					1.8E+00	n		5.9E-04	n	
6.0E-02	I										1	0.1	Metaxalyl	150-50-5	2.9E+00	n	3.5E+01	n					6.0E-01	n		5.9E-02	n	
1.0E-04	I	3.0E-02	P	V							1	4.6E+03	Methacrylonitrile	57837-19-1	3.8E+03	n	4.9E+04	n					1.2E+03	n		3.3E-01	n	
5.0E-05	I										1	0.1	Methamidophos	10265-92-6	3.2E+00	n	4.1E+01	n					1.0E+00	n		2.1E-04	n	
2.0E+00	I	2.0E+01	I	V							1	1.1E+05	Methanol	67-56-1	1.2E+05	nms	1.2E+06	nms	2.1E+04	n	8.8E+04	n	2.0E+04	n		4.1E+00	n	
1.5E-03	O										1	0.1	Methidathion	950-37-8	9.6E+01	n	1.2E+03	n					2.9E+01	n		7.1E-03	n	
2.5E-02	C										1	0.1	Methomyl	16752-77-5	1.6E+03	n	2.1E+04	n					5.0E+02	n		1.1E-01	n	
5.0E-03	I										1	0.1	Methoxy-5-nitroaniline, 2-Methoxychlor	99-59-2	1.1E+01	c	4.7E+01	c					1.5E+00	n		5.3E-04	c	
8.0E-03	P	1.0E-03	P	V							1	1.2E+05	Methoxyethanol Acetate, 2-Methoxyethanol, 2-Methyl Acetate	110-49-6	1.1E+02	n	5.1E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.2E-04	n	
5.0E-03	P	2.0E-02	I	V							1	1.1E+05	Methoxyethanol, 2-Methyl Acetate	109-86-4	3.3E+02	n	3.5E+03	n	2.1E+01	n	8.8E+01	n	2.9E+01	n		5.9E-03	n	
1.0E+00	X										1	2.9E+04	Methyl Acrylate	79-20-9	7.8E+04	ns	1.2E+06	nms					2.0E+04	n		4.1E+00	n	
6.0E-01	I	5.0E+00	I	V							1	6.8E+03	Methyl Acrylate	96-33-3	1.5E+02	n	6.1E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		8.9E-03	n	
1.0E-03	X	2.0E-03	P	V							1	2.8E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+04	n	1.9E+05	nms	5.2E+03	n	2.2E+04	n	5.6E+03	n		1.2E+00	n	
1.0E-03	X	2.0E-03	P	V							1	1.8E+05	Methyl Hydrazine	60-34-4	1.4E-01	c**	6.2E-01	c**	2.8E-03	c**	1.2E-02	c**	5.6E-03	c**		1.3E-06	c**	
3.0E+00	I	V									1	3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3.3E+04	ns	1.4E+05	nms	3.1E+03	n	1.3E+04	n	6.3E+03	n		1.4E+00	n	
1.0E-03	C	V									1	1.0E+04	Methyl Isocyanate	624-83-9	4.8E+00	n	1.9E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		5.9E-04	n	
1.4E+00	I	7.0E-01	I	V							1	2.4E+03	Methyl Methacrylate	80-62-6	4.4E+03	ns	1.9E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.0E-01	n	
2.5E-04	I										1	0.1	Methyl Parathion	298-00-0	1.8E+01	n	2.1E+02	n					4.5E+00	n		7.4E-03	n	
6.0E-02	X										1	0.1	Methyl Phosphonic Acid	993-13-5	3.8E+03	n	4.9E+04	n					1.2E+03	n		2.4E-01	n	
9.9E-02	C	2.8E-05	C								1	0.1	Methyl Styrene (Mixed Isomers)	25013-15-4	3.2E+02	n	2.6E+03	ns	4.2E+01	n	1.8E+02	n	2.3E+01	n		3.8E-02	n	
1.8E-																												

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied; c = cancer; n = noncancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.																												
Toxicity and Chemical-specific Information										Contaminant		Screening Levels						Protection of Ground Water SSLs										
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfD _c (mg/kg-day)	k _e y	RfC _c (mg/m ³)	k _e y	v _o l	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		2.5E-02		1.0E-02									Muclobutanol	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n	
		3.0E-04		X							0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+01	n	2.5E+02	n					3.6E+00	n		3.7E-01	n	
		2.0E-03						V					Naled	300-76-5	1.8E+02	n	2.3E+03	n					4.0E+01	n		1.8E-02	n	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V					Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+03	n	3.5E+04	n	1.0E+02	n	4.4E+02	n	1.5E+02	n		2.0E-04	c	
				1.2E-01	O								Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		1.3E+01	n	
											0.1		Napropamide	15299-99-7	7.6E+03	n	9.8E+04	n					2.0E+03	n				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C						Nickel Acetate	373-02-4	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c		1.7E-05	c	
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C				0.1		Nickel Carbonate	3333-67-3	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	V					Nickel Carbonyl	13463-39-3	7.6E-01	c	3.6E+00	c	1.1E-02	c**	4.7E-02	c**	1.7E-02	c**				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C				0.04		Nickel Hydroxide	12054-48-7	7.6E-01	c	3.6E+00	c	1.1E-02	c**	4.7E-02	c**	7.6E-02	c				
9.1E-01	C	2.6E-04	C	1.1E-02	C	2.0E-05	C				0.04		Nickel Oxide	1313-99-1	7.6E-01	c	3.6E+00	c	1.1E-02	c**	4.7E-02	c**	7.6E-02	c				
9.1E-01	C	2.4E-04	I	1.1E-02	C	1.4E-05	C				0.04		Nickel Refinery Dust	E715532	7.6E-01	c	3.6E+00	c	1.2E-02	c**	5.1E-02	c**	8.3E-02	c		1.3E-02	c	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C				0.04		Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.2E+04	n	1.1E-02	c**	4.7E-02	c**	3.9E+02	n		2.6E+01	n	
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C				0.1		Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c				
													Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c				
		1.6E+00											Nitrate (measured as nitrogen)	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n	1.0E+04			
													Nitrate + Nitrite (measured as nitrogen)	E701177											1.0E+04			
													Nitrite (measured as nitrogen)	14797-55-0	7.8E-03	n	1.2E+05	nm					2.0E+03	n	1.0E+03			
2.0E-02	P			1.0E-02	X	5.0E-05	X				0.1		Nitroaniline, 2-	88-74-4	6.3E-02	n	8.0E-03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n		8.0E-02	n	
				4.0E-03	P	6.0E-03	P				0.1		Nitroaniline, 4-	100-01-6	2.7E-01	c**	1.1E+02	c*	6.3E+00	n	2.6E+01	n	3.8E+00	c*		1.6E-03	c*	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V				3.1E+03	Nitrobenzene	98-95-3	5.1E-00	c*	2.2E+01	c*	7.0E-02	c	3.1E-01	c	1.4E-01	c*		9.2E-05	c*	
				3.0E+03	P								Nitrocellulose	1904-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		1.3E+04	n	
				7.0E-02	H								Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n					1.4E+03	n		6.1E-01	n	
1.3E+00	C	3.7E-04	C										Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c		5.4E-05	c	
1.7E-02	P			1.0E-04	P								Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.5E-04	n	
				1.0E-01	I								Nitroguanidine	556-88-7	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n	
		8.8E-06	P			5.0E-03	P	V				1.8E+04	Nitromethane	75-52-5	5.4E+00	c*	2.4E+01	c*	3.2E-01	c*	1.4E+00	c*	6.4E-01	c*		1.4E-04	c*	
		5.8E-04	X			2.0E-02	I	V				4.9E+03	Nitropropane, 2-	79-46-9	6.4E-02	c	2.8E-01	c	4.8E-03	c	2.1E-02	c	9.7E-03	c		2.5E-06	c	
2.7E+01	C	7.7E-03	C						M		0.1		Nitroso-N-ethylurea, N-	759-73-9	4.5E-03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c		2.2E-07	c	
1.2E+02	C	3.4E-02	C						M		0.1		Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c		4.6E-08	c	
5.4E+00	I	1.6E-03	I					V					Nitroso-di-N-butylamine, N-	924-16-3	9.9E-02	c	4.6E-01	c	1.8E-03	c	7.7E-03	c	2.7E-03	c		5.5E-06	c	
7.0E+00	I	2.0E-03	C								0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.8E-02	c	3.3E-01	c	1.4E-03	c	6.1E-03	c	1.1E-02	c		8.1E-06	c	
2.8E+00	I	8.0E-04	C								0.1		Nitrosodiethanolamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c		5.6E-06	c	
1.5E+02	I	4.3E-02	I						M		0.1		Nitrosodimethylamine, N-	55-18-5	8.1E-04	c	1.5E-02	c	2.4E-05	c	2.9E-04	c	1.7E-04	c		6.1E-08	c	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M			2.4E+05	Nitrosodimethylamine, N-	62-75-9	2.0E-03	c	3.4E-02	c	7.2E-05	c	8.8E-04	c	1.1E-04	c		2.7E-08	c	
4.9E-03	I	2.6E-06	C								0.1		Nitrosodiphenylamine, N-	86-30-6	1.1E+02	c	4.7E+02	c	1.1E+00	c	4.7E+00	c	1.2E+01	c		6.7E-02	c	
2.2E+01	C	6.3E-03	C					V				1.1E+05	Nitrosomethylethylamine, N-	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c		2.0E-07	c	
6.7E+00	C	1.9E-03	C								0.1		Nitrosomorpholine [N-]	59-89-2	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c		2.8E-06	c	
9.4E+00	C	2.7E-03	C								0.1		Nitrosopiperidine [N-]	100-75-4	5.8E-02	c	2.4E-01	c	1.0E-03	c	4.5E-03	c	8.2E-03	c		4.4E-06	c	
2.1E+00	I	6.1E-04	I								0.1		Nitrosopyrrolidine, N-	930-55-2	2.6E-01	c	1.1E+00	c	4.6E-03	c	2.0E-02	c	3.7E-02	c		1.4E-05	c	
				1.0E-04	X								Nitrotoluene, m-	99-08-1	6.3E+00	n	8.2E+01	n					1.7E+00	n		1.6E-03	n	
2.2E-01	P			9.0E-04	P			V				1.5E+03	Nitrotoluene, o-	88-72-2	3.2E+00	c*	1.5E+01	c*					3.1E-01	c*		3.0E-04	c*	
1.6E-02	P			4.0E-03	P						0.1		Nitrotoluene, p-	99-99-0	3.4E+01	c**	1.4E+02	c**					4.3E+00	c*		4.0E-03	c*	
				3.0E-04	X	2.0E-02	P	V				6.9E+00	Nonane, n-	111-84-2	1.1E+01	ns	7.2E+01	ns	2.1E+01	n	8.8E+01	n	5.3E+00	n		7.5E-02	n	
				1.5E-02	O								Norflurazon	27314-13-2	9.5E+02	n	1.2E+04	n					2.9E+02	n		1.9E+00	n	
				3.0E-03	I						0.1		Octabromodiphenyl Ether	32536-52-0	1.9E+02	n	2.5E+03	n					6.0E+01	n		1.2E+01	n	
				5.0E-02	I						0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.9E+03	n	5.7E+04	n					1.0E+03	n		1.3E+00	n	
				2.0E-03	H						0.1		Octamethylphosphoramide	152-16-9	1.3E+02	n	1.6E+03	n					4.0E+01	n		9.6E-03	n	
7.8E-03	O			1.4E-01	O								Oryzalin	19644-88-3	7.0E+01	c	2.9E+02	c					7.9E+00	c		1.5E-02	c	
				5.0E-03	I						0.1		Oxadiazon	19666-30-9	3.2E+02													

Toxicity and Chemical-Specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs							
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfD _c (mg/kg-day)	P _e y	RfC _c (mg/m ³)	k _e y	v _o l	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
1.2E-01	P			4.0E-03	X					1	0.1		Phenylenediamine, o-	95-54-5	4.5E+00	c	1.9E+01	c					6.5E-01	c		1.7E-04	c		
				1.0E-03	X					1	0.1		Phenylenediamine, p-	106-50-3	6.3E+01	n	8.2E+02	n					2.0E+01	c		5.4E-03	c		
1.9E-03	H									1	0.1		Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c					3.0E+01	c		4.1E-01	c		
				2.0E-04	H					1	0.1		Phorate	298-02-2	1.3E+01	n	1.6E+02	n					3.0E+00	n		3.4E-03	n		
						3.0E-04	I	V		1		1.6E+03	Phosgene	75-44-5	3.1E-01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.6E-04	n		
				2.0E-02	I					1	0.1		Phosmet	732-11-6	1.3E+03	n	1.6E+04	n					3.7E+02	n		8.2E-02	n		
				4.9E+01	P					1			Phosphates, Inorganic																
				4.9E+01	P					1			-Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Diammonium phosphate	7783-28-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Disodium phosphate	7558-79-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Monoaluminum phosphate	13530-90-2	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Monoammonium phosphate	7722-76-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Monomagnesium phosphate	7757-96-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Monosodium phosphate	7558-80-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Potassium tripolyphosphate	13845-36-3	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Sodium tripolyphosphate	7758-29-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Tricalcium phosphate	7758-87-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Trimagnesium phosphate	7757-87-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Tripotassium phosphate	7778-53-2	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
				4.9E+01	P					1			-Trisodium phosphate	7601-54-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n					
3.0E-04	I	2.4E-06	C	3.0E-04	I	3.0E-04	I	V		1			Phosphine	7803-51-2	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E-01	n					
4.9E+01	P			1.0E-02	I					1			Phosphoric Acid	7664-38-2	3.0E+06	nm	2.9E+07	nm	1.0E+01	n	4.4E+01	n	9.7E+05	n					
2.0E-05	I									1			Phosphorus, White	7723-14-0	1.6E+00	n	2.3E+01	n					4.0E-01	n			1.5E-03	n	
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		Phthalates																
1.9E-03	P			2.0E-01	I					1	0.1		-Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+01	c*	1.6E+02	c	1.2E+00	c	5.1E+00	c	5.6E+00	c*	6.0E+00	1.3E+00	c*	1.4E+00	
				1.0E+00	I					1	0.1		-Butyl Benzyl Phthalate	85-68-7	2.9E+02	c*	1.2E+03	c					1.6E+01	c		2.4E-01	c		
				1.0E-01	I					1	0.1		-Butylphthalyl Butylacrylate	85-70-1	6.3E+04	n	8.2E+05	nm					1.3E+04	n		3.1E+02	n		
				1.0E-01	I					1	0.1		-Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n					9.0E+02	n		2.3E+00	n		
				8.0E-01	I					1	0.1		-Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm					1.5E+04	n		6.1E+00	n		
				1.0E-01	I			V		1			-Dimethylterephthalate	120-61-6	7.8E+03	n	1.2E+05	nm					1.9E+03	n		4.9E-01	n		
				1.0E-02	P					1	0.1		-Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.7E+01	n		
				5.0E-01	X					1	0.1		-Phthalic Acid, p-	100-21-0	3.2E+04	n	4.1E+05	nm					9.4E+03	n		3.4E+00	n		
				2.0E+00	I	2.0E-02	C			1	0.1		-Phthalic Anhydride	85-44-9	1.3E+05	nm	1.6E+06	nm	2.1E+01	n	8.8E+01	n	3.9E+04	n		8.5E+00	n		
				7.0E-02	I					1	0.1		Picloram	1918-02-1	4.4E+03	n	5.7E+04	n					1.4E+03	n	5.0E+02	3.8E+01	n	1.4E-01	
				1.0E-04	X					1	0.1		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.3E-03	n		
				2.0E-03	X					1	0.1		Picric Acid (2,4,6-Trinitrophenol)	88-89-1	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n		
				7.0E-05	O					1	0.1		Pirimiphos, Methyl	29232-93-7	4.4E+00	n	5.7E+01	n					8.5E-01	n		8.1E-04	n		

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs								
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y) ¹	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC (mg/m ³ -y)	k _e (y)	v _o (mutagen)	GIABS	ABS _c	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (ug/m ³)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)					
				6.0E-02				V			0.13	-Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n		5.3E+02	n			5.5E+00	n			
				3.0E-01				V			0.13	-Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm		1.8E+00	n			5.8E+01	n			
1.0E-01	E	6.0E-05	E					V			0.13	-Benzofluoranthene	56-55-3	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	3.0E-02	c	1.1E-02	c		
1.2E+00	C	1.1E-04	C					V			0.13	-Benzofluoranthene	205-82-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c	7.8E-02	c		
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I	M			0.13	-Benzofluoranthene	50-32-8	1.1E-01	c	2.1E+00	c	1.7E-03	c**	8.8E-03	n	2.5E-02	c	2.0E-01	2.9E-02	c	2.4E-01
1.0E-01	E	6.0E-05	E					V			0.13	-Benzofluoranthene	205-99-2	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c	3.0E-01	c		
1.0E-02	E	6.0E-06	E					V			0.13	-Benzofluoranthene	207-08-9	1.1E+01	c	2.1E+02	c	1.7E-01	c	2.0E+00	c	2.5E+00	c	2.9E+00	c		
1.0E-03	E	6.0E-07	E					V			0.13	-Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n		7.5E+02	n			3.9E+00	n			
1.0E+00	E	6.0E-04	E					V			0.13	-Chrysene	218-01-9	1.1E+02	c	2.1E+03	c	1.7E+00	c	2.0E+01	c	2.5E+01	c	9.0E+00	c		
1.2E+01	C	1.1E-03	C					V			0.13	-Dibenzo[a,h]anthracene	53-70-3	1.1E-01	c	2.1E+00	c	1.7E-03	c	2.0E-02	c	2.5E-02	c	9.6E-02	c		
2.5E+02	C	7.1E-02	C					V			0.13	-Dibenzo[a,e]pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c	8.4E-02	c		
				4.0E-02				V			0.13	-Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03	c	1.4E-05	c	1.7E-04	c	1.0E-04	c	9.9E-05	c		
				4.0E-02				V			0.13	-Fluorene	206-44-0	2.4E+03	n	3.0E+04	n		8.0E+02	n			8.9E+01	n			
1.0E-01	E	6.0E-05	E					V			0.13	-Fluorene	86-73-7	2.4E+03	n	3.0E+04	n		2.9E+02	n			5.4E+00	n			
2.9E-02	P			7.0E-02	A			V			0.13	-Indeno[1,2,3-cd]pyrene	193-39-5	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c	9.8E-01	c		
				4.0E-03	I			V			0.13	-Methylnaphthalene, 1-	90-12-0	1.8E+01	c	7.3E+01	c		1.1E+00	c			6.0E-03	c			
1.2E-01	C	3.4E-05	C	2.0E-02	I	3.0E-03	I	V			0.13	-Methylnaphthalene, 2-	91-57-4	2.4E+02	n	3.0E+03	n		3.6E+01	n			1.9E-01	n			
1.2E+00	C	1.1E-04	C					V			0.13	-Naphthalene	91-20-3	2.0E+00	c*	8.6E+00	c*	8.3E-02	c*	3.6E-01	c*	1.2E-01	c*	3.8E-04	c*		
				3.0E-02	I			V			0.13	-Nitropyrene, 4-	57835-92-4	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	1.9E-02	c	3.3E-03	c		
1.5E-01	I			3.0E-02	I			V			0.13	-Pyrene	129-00-0	1.8E-03	n	2.3E+04	n		1.2E+02	n			1.3E+01	n			
				3.0E-04	P			V			0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	1.0E-01	n	2.5E+02	n		6.0E+00	n			3.0E-03	n			
				9.0E-03	I			V			0.1	Prochloraz	67747-09-5	3.6E+00	c	1.5E+01	c		3.8E-01	c			1.9E-03	c			
				6.0E-03	H			V			0.1	Profuralin	26399-36-0	4.7E+02	n	7.0E+03	n		2.6E+01	n			1.6E+00	n			
				1.5E-02	I			V			0.1	Prometon	1610-18-0	9.5E+02	n	1.2E+04	n		2.5E+02	n			1.2E-01	n			
				4.0E-02	O			V			0.1	Prometryn	7287-19-6	2.5E+03	n	3.3E+04	n		6.0E+02	n			9.0E-01	n			
				7.5E-02	I			V			0.1	Pronamide	23950-56-5	4.7E+03	n	6.2E+04	n		1.2E+03	n			1.2E+00	n			
				1.3E-02	I			V			0.1	Propachlor	1918-16-7	8.2E+02	n	1.1E+04	n		2.5E+02	n			1.5E-01	n			
				5.0E-03	I			V			0.1	Propanil	709-98-8	3.2E+02	n	4.1E+03	n		8.2E+01	n			4.5E-02	n			
1.9E-01	O			4.0E-02	O			V			0.1	Propazine	2312-35-8	2.8E+00	c	1.2E+01	c		1.6E-01	c			1.1E-02	c			
				2.0E-03	I			V			0.1	Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n		4.0E+01	n			8.1E-03	n			
				2.0E-02	I			V			0.1	Propazine	139-40-2	1.3E+03	n	1.6E+04	n		3.4E+02	n			3.0E-01	n			
				1.0E-01	O			V			0.1	Propapham	122-42-9	1.3E+03	n	1.6E+04	n		3.5E+02	n			2.2E-01	n			
				8.0E-03	I			V			0.1	Propiconazole	60207-90-1	6.3E+03	n	8.2E+04	n		1.8E+03	n			5.3E+00	n			
				1.0E+01	X	1.0E+00	X	V			3.3E+04	Propionaldehyde	123-38-6	7.3E+01	n	3.1E+02	ns	8.3E+00	n	3.5E+01	n	1.7E+01	n	3.4E-03	n		
				2.6E+02	C	3.0E+00	C	V			3.5E+02	Propyl benzene	105-65-1	3.9E+03	ns	2.4E+04	ns	1.0E+03	n	4.4E+03	n	6.6E+02	n	1.2E+00	n		
				2.0E+01	P			V			0.1	Propylene	115-07-1	2.2E+03	ns	9.3E+03	ns	3.1E+03	n	1.3E+04	n	6.3E+03	n	6.0E+00	n		
				2.0E+01	X			V			0.1	Propylene Glycol	57-55-6	1.3E+06	nm	1.6E+07	nm		4.0E+05	n			8.1E+01	n			
				2.7E-04	A			V			0.1	Propylene Glycol Dinitrate	6423-43-4	3.9E+05	nm	1.6E+06	nm	2.8E-01	n	1.2E+00	n						
2.4E-01	I	3.7E-06	I	7.0E-01	H	2.0E+00	I	V			1.1E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.1E+04	n	3.7E+05	nms	2.1E-03	n	8.8E+03	n	3.2E+03	n	6.5E-01	n		
				3.0E-02	I			V			7.8E+04	Propylene Oxide	75-56-9	2.1E+00	c	9.7E+00	c	7.6E-01	c*	3.3E+00	c*	2.7E-01	c	5.6E-05	c		
				1.0E-03	I			V			5.3E+05	Pyridine	110-86-1	7.8E+01	n	1.2E+03	n		2.0E+01	n			6.8E-03	n			
3.0E+00	I			5.0E-04	I			V			0.1	Quinalphos	13593-03-8	3.2E+01	n	4.1E+02	n		5.1E+00	n			4.3E-02	n			
				9.0E-03	I			V			0.1	Quinoline	91-22-5	1.8E-01	c	7.7E-01	c		2.4E-02	c			7.8E-05	c			
				3.0E+04	A			V			0.1	Quizalofop-ethyl	76578-14-8	5.7E+02	n	7.4E+03	n		1.2E+02	n			1.9E+00	n			
				3.0E-02	I			V			0.1	Refractory Ceramic Fibers (units in fibers)	E715557					3.1E+04	G	1.3E+05	G						
				5.0E-02	H			V			0.1	Resmethrin	10453-86-8	1.9E+03	n	2.5E+04	n		6.7E+01	n			4.2E+01	n			
2.2E-01	C	6.3E-05	C	4.0E-03	I			V			0.1	Ronnel	299-84-3	3.9E+03	n	5.8E+04	n		4.1E+02	n			3.7E+00	n			
				5.0E-03	I			V			0.1	Rotenone	83-79-4	2.5E+02	n	3.3E+03	n		6.1E+01	n			3.2E+01	n			
				5.0E-03	C	2.0E-02	C	V			0.1	Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c	5.9E-05	c		
				5.0E-03	I			V			0.1	Selenious Acid	7783-00-8	3.9E+02	n	5.8E+03	n		1.0E+02	n							
				5.0E-03	I	2.0E-02	C	V			0.1	Selenium Sulfide	7782-49-2	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n	5.0E+01	5.2E-01	n	2.6E-01
				1.4E-01	O			V			0.1	Sethoxdim	74051-80-2	8.8E+03	n	1.1E+05	n		1.6E+03	n			1.4E+01	n			
				5.0E-03	I	3.0E-03	C	V			0.04	Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n			8.0E-01	n		
1.2E-01	H			5.0E-03	I			V			0.1	Silver	7440-22-4	3.9E+02	n	5.8E+03	n		9.4E+01	n			8.0E-01	n			
				1.3E-02	I			V			0.1	Simazine	122-34-9	4.5E+00	c*	1.9E+01	c		6.1E-01	c		4.0E+00	3.0E-04	c	2.0E-03		
				4.0E-03	I			V																			

Toxicity and Chemical-specific Information													Contaminant		Screening Levels									Protection of Ground Water SSLs			
SFO (mg/kg-day) ¹	key	IUR (ug/m ³ -day) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³ -day)	key	vol mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.0E-04	I										0.1	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1	6.3E+00	n	8.2E+01	n					2.0E+00	n		5.3E-02	n	
3.0E-04	I											Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+01	n	3.5E+02	n					1.7E+00	n		7.9E-03	n	
2.6E-02	I	7.4E-06	I	3.0E-02	I						6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.5E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c		2.2E-04	c	
2.0E-01	I	5.8E-05	C	2.0E-02	I						1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.6E-02	c		3.0E-05	c	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V			1.7E+02	Tetrachloroethylene	127-18-4	2.4E+01	c**	1.0E+02	c**	1.1E+01	c**	4.7E+01	c**	1.1E+01	c**	5.0E+00	5.1E-03	c**	2.3E-03
				3.0E-02	I					0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+03	n	2.5E+04	n					2.4E+02	n		1.8E-01	n	
1.6E+01	X			6.0E-05	X			V				Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	4.3E-02	c	2.0E-01	c					1.7E-03	c		5.7E-06	c	
				5.0E-04	I						0.1	Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+01	n	4.1E+02	n					7.1E+00	n		5.2E-03	n	
				8.0E+01	I	V					2.1E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+05	nms	4.3E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.3E+01	n	
1.0E-04	X										0.1	Tetramethylphosphoramide, -N,N,N',N'' (TMPA)	16853-36-4	6.3E+00	n	8.2E+01	n					2.0E+00	n				
2.0E-03	P										0.00065	Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.6E+02	n	2.3E+03	n					3.9E+01	n		3.7E-01	n	
2.0E-05	G											Thallic Oxide	1314-32-5	1.6E+00	n	2.3E+01	n					4.0E-01	n				
1.0E-05	X											Thallium (I) Nitrate	10102-45-1	7.8E-01	n	1.2E+01	n					2.0E-01	n				
1.0E-05	X											Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.2E+01	n					2.0E-01	n	2.0E+00			
1.0E-05	X							V				Thallium Acetate	563-68-8	7.8E-01	n	1.2E+01	n					2.0E-01	n		4.1E-05	n	1.4E-01
2.0E-05	X							V				Thallium Carbonate	6533-73-9	1.6E+00	n	2.3E+01	n					4.0E-01	n		8.3E-05	n	
1.0E-05	X											Thallium Chloride	7791-12-0	7.8E-01	n	1.2E+01	n					2.0E-01	n				
1.0E-05	G											Thallium Selenite	12935-52-0	7.8E-01	n	1.2E+01	n					2.0E-01	n				
2.0E-05	X											Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n					4.0E-01	n				
4.3E-02	O										0.1	Thiophenol	99-82-9	2.7E-03	n	3.5E+04	n					8.6E+02	n		2.6E-01	n	
1.0E-02	I										0.1	Thiobenzenesulfonamide	28249-77-6	6.3E-02	n	8.2E+03	n					1.6E+02	n		5.5E-01	n	
7.0E-02	X										0.0075	Thiodiglycol	111-48-6	5.4E+03	n	7.9E+04	n					1.4E+03	n		2.8E-01	n	
3.0E-04	H										0.1	Thiofuran	39196-18-4	1.9E+01	n	2.5E+02	n					5.3E+00	n		1.8E-03	n	
2.7E-02	O										0.1	Thiophanate, Methyl	23564-05-8	4.7E+01	c*	2.0E+02	c					6.7E+00	c*		5.7E-03	c*	
1.5E-02	O										0.1	Thiram	137-26-8	9.5E+02	n	1.2E+04	n					2.9E+02	n		4.2E-01	n	
6.0E-01	H											Tin	7440-31-5	4.7E+04	n	7.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n		3.0E+03	n	
				1.0E-04	A	V						Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n				
3.9E-02	C	1.1E-05	C	8.0E-02	I	5.0E+00	I	V			8.2E+02	Toluene	108-88-3	4.9E+03	ns	4.7E+04	ns	5.2E+03	n	2.2E+04	n	1.1E+03	n	1.0E+03	7.6E-01	n	6.9E-01
1.8E-01	X			2.0E-04	X	8.0E-06	C	V			0.1	Toluene-2,4-diisocyanate	584-84-9	6.4E+00	n	2.7E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.5E-04	n	
3.9E-02	C	1.1E-05	C	5.0E-03	P	8.0E-06	C	V			1.7E+03	Toluene-2,5-diamine	95-70-5	3.0E+00	c**	1.3E+01	c*					4.3E-01	c**		1.3E-04	c**	
1.6E-02	P	5.1E-05	C	3.0E-03	P	8.0E-06	C	V			0.1	Toluene-2,6-diisocyanate	91-08-7	5.3E+00	n	2.2E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.6E-04	n	
3.0E-02	P			4.0E-03	X						0.1	Toluic Acid, p-	99-94-5	3.2E+02	n	4.1E+03	n					9.0E+01	n		2.3E-02	n	
				3.0E+00	P	6.0E-01	P	V			1.4E+02	Toluidine, o- (Methylaniline, 2-)	95-53-4	3.4E+01	c	1.4E+02	c	5.5E-02	c	2.4E-01	c	4.7E+00	c		2.0E-03	c	
				1.0E-02	X	1.0E-01	P	V			0.13	Total Petroleum Hydrocarbons (Aliphatic High)	108-49-0	1.9E+01	c*	2.7E+01	c*					2.5E+00	c*		1.1E-03	c*	
				4.0E-03	X	6.0E-01	P	V			1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790670	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n	
				4.0E-02	P	3.0E-02	P	V			0.13	Total Petroleum Hydrocarbons (Aromatic High)	E1790666	5.2E+02	ns	2.2E+03	ns	6.3E-02	n	2.6E+03	n	1.3E+03	n		8.8E+00	n	
				4.0E-03	P	3.0E-02	P	V			1.8E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	9.6E+01	ns	4.4E+02	ns	1.0E+02	n	4.4E+02	n	1.0E+02	n		1.5E+00	n	
				4.0E-02	P	3.0E-02	P	V			0.13	Total Petroleum Hydrocarbons (Aromatic Low)	E1790676	2.4E+03	n	3.0E+04	n					8.0E+02	n		8.9E+01	n	
				4.0E-03	P	3.0E-02	P	V			1.8E+03	Total Petroleum Hydrocarbons (Aromatic Low)	E1790672	8.2E+01	n	4.2E+02	n	3.1E+01	n	1.3E+02	n	3.3E+01	n		1.7E-02	n	
1.1E+00	I	3.2E-04	I	4.0E-03	P	3.0E-03	P	V			0.13	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	9.7E+01	n	5.6E+02	n	3.1E+00	n	1.3E+01	n	5.5E+00	n		2.3E-02	n	
				9.0E-05	P						0.1	Toxaphene	8001-35-2	4.9E-01	c*	2.1E+00	c*	8.8E-03	c	3.8E-02	c	7.1E-02	c*	3.0E+00	1.1E-02	c*	4.6E-01
				3.0E-05	X						0.1	Toxaphene, Weathered	E1841606	1.9E+00	n	2.5E+01	n					6.0E-01	n		9.3E-02	n	
				7.5E-03	I						0.1	Tralometrin	66841-25-6	4.7E-02	n	6.2E+03	n					1.5E+02	n		5.8E+01	n	
				3.0E-04	A			V			0.1	Tri-n-butyltin	688-73-3	2.3E+01	n	3.5E+02	n					3.7E+00	n		8.2E-02	n	
				8.0E+01	X						0.1	Triacetin	102-76-1	5.1E+06	nm	6.6E+07	nm					1.6E+06	n		4.5E+02	n	
				3.4E-02	O						0.1	Triadimefon	43121-43-3	2.1E+03	n	2.8E+04	n					6.3E+02	n		5.0E-01	n	
				2.5E-02	O			V			0.1	Triallate	2303-17-5	9.7E+00	c	4.6E+01	c					4.7E-01	c		1.0E-03	c	
				1.0E-02	I						0.1	Trisulfuron	82097-50-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.1E-01	n	
				8.0E-03	I						0.1	Tribenuron-methyl	101200-48-0	5.1E+02	n	6.6E+03	n					1.6E+02	n		6.1E-02	n	
				5.0E-03	I			V			0.1	Tribromobenzene, 1,2,4-	615-54-3	3.9E+02	n	5.8E+03	n					4.5E+01	n		6.4E-02	n	
				9.0E-03	X						0.1	Tribromophenol, 2,4,6-	118-79-6	5.7E+02	n	7.4E+03	n					1.2E+02	n		2.2E-01	n	
				1.0E-04	O						0.1	Tributyl	78-48-8	6.3E+00	n	8.2E+01	n					2.9E-01	n		1.4E-03	n	
				1.0E-02	P						0.1	Tributyl Phosphate	126-73-8	6.0E+01	c*	2.6E+02	c*										

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information											Contaminant		Screening Levels										Protection of Ground Water SSLs						
SFO (mg/kg-day) ¹	key	IUR (ug/m ³) ¹	key	RfD _c (mg/kg-day)	key	RfC (mg/m ³)	key	vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
		1.0E-02	I	6.0E-02	I	V				1		1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+02	ns	1.5E+03	ns	6.3E+01	n	2.6E+02	n	6.0E+01	n		8.7E-02	n		
		1.0E-02	X			V				1		3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+02	ns	1.2E+04	ns					3.8E+01	n		1.3E-01	n		
3.0E-02	I	3.0E-02	I							1	0.019		Tribromobenzene, 1,3,5-	99-35-4	2.2E+03	n	3.2E+04	n					5.9E+02	n		2.1E+00	n		
		5.0E-04	I							1	0.032		Tritrotoluene, 2,4,6-	118-96-7	2.1E+01	c**	9.6E+01	c**					2.5E+00	c**		1.5E-02	c**		
		2.0E-02	P							1	0.1		Triphenylphosphine Oxide	791-28-6	1.3E+03	n	1.6E+04	n					3.6E+02	n		1.5E+00	n		
2.3E+00	C	6.6E-04	C							1	0.1	4.7E+02	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+03	n	1.6E+04	n					3.6E+02	n		8.0E+00	n		
		1.0E-02	X							1	0.1		Tris(1-chloro-2-propyl)phosphate	13674-84-5	1.3E+02	n	8.2E+03	n					1.9E+02	n		6.5E-01	n		
		2.0E-02	A							1	0.1		Tris(2,3-dibromopropyl)phosphate	126-72-7	2.8E-01	c	1.3E+00	c	4.3E-03	c	1.9E-02	c	6.8E-03	c		1.3E-04	c		
2.0E-02	P	7.0E-03	P							1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c*	1.1E+02	c*					3.8E+00	c*		3.8E-03	c*		
3.2E-03	P	1.0E-01	P							1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c*	7.2E+02	c					2.4E+01	c*		1.2E+02	c*		
		8.0E-04	P							1			Tungsten	7440-33-7	6.3E+01	n	9.3E+02	n					1.6E+01	n		2.4E+00	n		
1.0E+00	C	2.9E-04	C							1	0.1		Uranium	7440-61-1	1.6E+01	n	2.3E+02	n	4.2E-02	n	1.8E-01	n	4.0E+00	n	3.0E+01	1.8E+00	n	1.4E+01	
		8.3E-03	P							1	0.026		Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c		
		9.0E-03	I	7.0E-06	P					1	0.026		Vanadium Pentoxide	1314-62-1	4.6E+02	c**	2.0E+03	c**	3.4E-04	c*	1.5E-03	c*	1.5E+02	n					
		5.0E-03	G	1.0E-04	A					1	0.026		Vanadium and Compounds	7440-62-2	3.9E+02	n	5.8E+03	n	1.0E-01	n	4.4E-01	n	8.6E+01	n		8.6E+01	n		
		1.0E-03	I			V				1			Vernolate	1929-77-7	7.8E+01	n	1.2E+03	n					1.1E+01	n		8.9E-03	n		
		1.2E-03	O							1	0.1		Vinclozolin	50471-44-8	7.9E+01	n	9.8E+02	n					2.1E+01	n		1.6E-02	n		
		1.0E+00	H	2.0E-01	I	V				1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02	n		
		1.5E-05	P	3.0E-03	I	V				1		2.5E+03	Vinyl Bromide	593-60-2	2.6E-01	c*	1.1E+00	c*	1.9E-01	c*	8.2E-01	c*	3.7E-01	c*		1.1E-04	c*		
7.2E-01	I	4.4E-06	I	3.0E-03	I	V	M			1		3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c	1.7E-01	c	2.8E+00	c	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04	
		3.0E-04	I							1	0.1		Warfarin	81-81-2	1.9E-01	n	2.5E+02	n					5.6E+00	n		5.9E-03	n		
		2.0E-01	G	1.0E-01	G	V				1		3.9E+02	Xylene, m-	108-38-3	5.5E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n		
		2.0E-01	G	1.0E-01	G	V				1		4.3E+02	Xylene, o-	95-47-6	6.5E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n		
		2.0E-01	G	1.0E-01	G	V				1		3.9E+02	Xylene, p-	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n		
		2.0E-01	I	1.0E-01	I	V				1		2.6E+02	Xylenes	1330-20-7	5.8E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	n	9.9E+00	
		3.0E-04	I							1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.5E+02	n					6.0E+00	n					
		3.0E-01	I							1			Zinc and Compounds	7440-66-6	2.3E+04	n	3.5E+05	nm					6.0E+03	n		3.7E+02	n		
		5.0E-02	I							1	0.1		Zineb	12122-67-7	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.9E+00	n		
		8.0E-05	X							1			Zirconium	7440-67-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		4.8E+00	n		

TR=1E-06
THQ=1.0