

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 _a (mg/kg-day)	K _e (y)	RfC _a (mg/m ³)	K _e (y)	muta- gen	GIABS	ABS	C _{soil} (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)	key			
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	1	0.1	1.1E+05	Acephate	30560-19-1	6.2E+01	c**	2.6E+02	c*	1.3E+00	c**	5.6E+00	c**	8.9E+00	c**		2.0E-03	c**					
				2.0E-02	I				1	0.1		Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**					2.6E+00	c**		5.2E-04	c**					
												Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.8E-01	n					
				9.0E-01	I	3.1E+01	A	V	1	0.1	1.1E+05	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	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	V			1	0.1	1.3E+05	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	1.0E-01	I			V	1	0.1	2.5E+03	Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms					1.9E+03	n		5.8E-01	n					
				5.0E-04	I	2.0E-05	I	V	1	0.1	2.3E+04	Acetylaminofluorene, 2-Acrolein	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.2E-05	c					
													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	2.0E-03	I	6.0E-03	I	M	1	0.1	1.1E+05	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					
				5.0E-01	I	1.0E-03	I	V	1	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	4.0E-02	A	2.0E-03	I	V	1	0.1	1.1E+04	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*					
				1.0E-02	I	6.0E-03	P		1	0.1		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n										
5.6E-02	C			1.0E-03	I				1	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				
												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	0.1		Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n					2.0E+01	n	2.0E+00	4.4E-03	n	4.4E-04				
												Aldicarb sulfoxide	1646-87-3											4.0E+00			8.8E-04				
1.7E+01	I	4.9E-03	I	3.0E-05	I			V	1	0.1	1.1E+05	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	1.0E-04	X	V	1	0.1	1.1E+05	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	1.0E-03	P	5.0E-03	I	V	1	0.1	1.4E+03	Allyl Chloride	107-05-1	7.2E-01	c**	3.2E+00	c**	4.70E-01	c**	2.00E+00	c**	7.3E-01	c**		2.3E-04	c**					
				1.0E+00	P	5.0E-03	P		1	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					
				4.0E-04	I				1	0.1		Aluminum Phosphide	20859-73-8	3.1E+01	n	4.7E+02	n					8.0E+00	n								
2.1E+01	C	6.0E-03	C	9.0E-03	I				1	0.1		Ametryn	834-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.6E-01	n					
												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		1.5E-05	c					
				8.0E-02	P				1	0.1		Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n					1.6E+03	n		6.1E-01	n					
				2.0E-02	P				1	0.1		Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n					
				2.5E-03	I				1	0.1		Amitraz	33089-61-1	1.6E+02	n	2.1E+03	n					8.2E+00	n		4.2E+00	n					
				1.0E-01	I	V			1	0.1		Ammonia	7664-41-7	1.6E+04	n	2.3E+05	nm	1.0E+02	n	4.4E+02	n										
				2.0E-01	I				1	0.1	1.4E+04	Ammonium Sulfamate	7773-06-0	8.2E+01	n	3.4E+02	n	3.1E+00	n	1.3E+01	n	6.3E+03	n		1.3E-03	n					
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	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*					
4.0E-02	P			2.0E-03	X				1	0.1		Anthraquinone, 9,10-Antimony (metallic)	84-65-1	1.4E+01	c**	5.7E+01	c*					1.4E+00	c*		1.4E-02	c*					
				4.0E-04	I				0.15				7440-36-0	3.1E+01	n	4.7E+02	n					7.8E+00	n	6.0E+00	3.5E-01	n	2.7E-01				
				5.0E-04	H				0.15			Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n					9.7E+00	n								
				4.0E-04	H				0.15			Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n								
						2.0E-04	I		0.15			Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n										
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	0.03	1.1E+05	Arsenic, inorganic	7440-38-2	6.8E-01	c**	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				
				3.5E-06	C	5.0E-05	I		1	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								
				5.0E-02	I				1	0.1		Asulam	3337-71-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.6E-01	n					
2.3E-01	C	3.5E-02	I	3.0E-02	I				1	0.1	1.1E+05	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				
8.8E-01	C	2.5E-04	C	4.0E-04	I				1	0.1	1.1E+05	Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	6.7E-02	c		6.1E-04	c					
				3.0E-04	I				1	0.1		Avermectin B1	66195-55-3	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.4E+01	n					
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A		1	0.1	1.1E+05	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					
				2.0E-01	I	5.0E-04	H		0.07	0.025	1.1E+05	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					
				1.0E+00	P	7.0E-06	P		1	0.1	1.1E+05	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-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	X	M	0.025	0.025	1.1E+05	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				
				3.0E-01	I			V	1	0.1		Barium Chromate	10294-40-3	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c								
												Benfluralin	1861-40-1	2.3E+04	n	3.5E+05	nm		</												

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs			
SFO (mg/kg-day) ⁻¹	K _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	K _e (mg/kg-day)	RfD _h (mg/kg-day)	K _e (mg/m ³)	RfC _h (mg/m ³)	K _e (mg/m ³)	o ₁	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (ug/m ³)	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)
6.2E-02	I	3.7E-05	C	2.0E-02	I							9.3E+02	Bromodichloromethane	75-27-4	2.9E-01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(F)	3.6E-05	c	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I							9.2E+02	Bromoform	75-25-2	1.9E+01	c*	8.6E+01	c	2.6E+00	c	1.1E+01	c	3.3E+00	c	8.0E+01(F)	8.7E-04	c	2.1E-02
				1.4E-03	I	5.0E-03	I	V				3.6E+03	Bromomethane	74-83-9	6.8E+00	n	3.0E+01	n	5.2E+00	n	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	
				2.0E-02	I			V			0.1		Bromoxynil	1689-84-5	1.3E+03	n	1.6E+04	n					3.3E+02	n		2.8E-01	n	
3.4E+00	C	3.0E-05	I	2.0E-02	I			V					Bromoxynil Octanoate	1689-99-2	1.6E+03	n	2.3E+04	n					1.4E+02	n		1.2E+00	n	
				1.0E-01	I	2.0E-03	I	V				6.7E+02	Butadiene, 1,3-	106-99-0	5.8E-02	c*	2.6E-01	c*	9.4E-02	c*	4.1E-01	c*	1.8E-02	c		9.9E-06	c	
				5.0E-02	I			V				7.6E+03	Butanol, N-	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	Butyl alcohol, sec-	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	
2.0E-04	C	5.7E-08	C	5.0E-02	I			V					Butylate	2008-41-5	3.9E+03	n	5.8E+04	n					4.6E+02	n		4.5E-01	n	
				3.0E-01	P			V			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			5.0E-02	P			V				1.1E+02	Butylated hydroxytoluene	128-37-0	1.5E+02	c	6.4E+02	c					3.4E+00	c		1.0E-01	c	
				1.0E-01	X			V				1.5E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.8E+04	ns					1.0E+03	n		3.2E+00	n	
				1.0E-01	X			V				1.8E+02	Butylbenzene, sec-	135-98-8	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		5.9E+00	n	
				2.0E-02	A			V			0.1		Butylbenzene, tert-	98-06-6	7.8E+03	ns	1.2E+05	nms					6.9E+02	n		1.6E+00	n	
				1.8E-03	I	1.0E-03	I	1.0E-05	A		0.025	0.001	Cacodylic Acid	75-60-5	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.1E-01	n	
				1.0E-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										
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		0.025		Cadmium (Diet)	7440-43-9	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c		6.9E-01	n	3.8E-01
				5.0E-01	I	2.2E-03	C				0.1		Calcium Chromate	13765-19-0	3.1E+04	n	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n		2.5E+00	n	
				5.0E-01	I	2.2E-03	C				0.1		Caprolactam	105-60-2	1.5E+02	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c	
1.5E-01	C	4.3E-05	C	2.0E-03	I			V			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	1.3E-01	I			V			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			V			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			V			0.1		Carbofuran	1563-66-2	3.2E+02	n	4.1E+03	n					9.4E+01	n		3.7E-02	n	1.6E-02
				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	4.0E-03	I	1.0E-01	I	V				4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.8E-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			V			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			V			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			V			1		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			1		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			V			0.1		Chloramben	133-90-4	9.5E+02	n	1.2E+04	n					2.9E+02	n		4.0E-01	n	
4.0E-01	H			5.0E-04	I	7.0E-04	I	V			0.1		Chloranil	118-75-2	1.3E+00	c	5.7E+00	c					1.8E-01	c		1.5E-04	c	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V			0.04		Chlorane	12789-03-6	1.7E+00	c*	7.7E+00	c*	2.8E-02	c*	1.2E-01	c*	2.0E-02	c*	2.0E+00	2.7E-03	c*	2.7E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I			V			0.1		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			V			0.1		Chlorfenvinphos	470-90-6	4.4E+01	n	5.7E+02	n					1.1E+01	n		3.1E-02	n	
				2.0E-02	I			V			0.1		Chlorimuron, Ethyl-	90982-32-4	1.3E+03	n	1.6E+04	n					3.9E+02	n		1.3E-01	n	
				1.0E-01	I	1.5E-04	A	V				2.8E+03	Chlorine	7782-50-5	1.8E-01	n	7.8E-01	n	1.5E-01	n	6.4E-01	n	3.0E-01	n		1.4E-04	n	
				3.0E-02	I	2.0E-04	I	V			1		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			n	
				3.0E-02	I			V				1.2E+03	Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.5E+04	n					6.0E+02	n			n	
				5.0E+01	I	V						1.2E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.4E+04	ns	2.3E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		5.2E+01	n	
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V		7.9E+02	Chloro-1,3-butadiene, 2-	128-99-8	1.0E-02	c	4.4E-02	c	9.4E-03	c	4.1E-02	c	1.9E-02	c		9.8E-06	c	
4.6E-01	H			3.0E-03	X			V			0.1		Chloro-2-methylaniline HCl 4-	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c		1.5E-04	c	
1.0E-01	P	7.7E-05	C	3.0E-03	X			V			0.1		Chloro-2-methylaniline, 4-	95-69-2	5.4E+00	c*	2.3E+01	c	3.6E-02	c	1.6E-01	c	7.0E-01	c*		4.0E-04	c*	
2.7E-01	X							V				1.2E+04	Chloroacetaldehyde, 2-	107-20-0	2.6E+00	c	1.2E+01	c					2.9E-01	c		5.8E-05	c	1.2E-02
				3.0E-05	I			V			0.1		Chloroacetic Acid	79-11-8	4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n			6.0E+01			
				4.0E-03	I			V			0.1		Chloroacetophenone, 2-	532-27-4	4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n				1.6E-04	c	
2.0E-01	P			2.0E-02	I	5.0E-02	P	V				7.6E+02	Chloroan															

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

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 _a (mg/kg-day)	K _e y	RfC _a (mg/m ³) ⁻¹	K _e y	muta- gen	GIABS	ABS	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)		
9.0E-03	P	3.0E-04	P	6.0E-06	P	6.0E-06	P	1				Cobalt	7440-48-4	2.3E+01	n	3.5E+02	n	3.1E-04	c*	1.4E-03	c*	6.0E+00	n		2.7E-01	n			
6.2E-04	I											Coke Oven Emissions	8007-45-2	3.1E+03	n	4.7E+04	n	1.6E-03	c	2.0E-02	c			1.3E+03	2.8E+01	n	4.6E+01		
		4.0E-02	H									Copper	7440-50-8	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	8.0E+02	n		7.4E-01	n			
		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		7.5E-01	n			
		5.0E-02	I	6.0E-01	C					0.1		Cresol, o-	95-48-7	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.9E+03	n		1.5E+00	n			
		1.0E-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	1.4E+03	n		1.7E+00	n			
		1.0E-01	A							0.1		Cresol, p-chloro-m-	59-50-7	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.5E+03	n		1.3E+00	n			
1.9E+00	H										1.7E+04	Cresols	1319-77-3	3.7E-01	c	1.7E+00	c	4.2E+02	n	1.8E+03	n	4.0E-02	c		8.2E-06	c			
		1.0E-03	P								2.7E+02	Crotonaldehyde, trans-	123-73-9	1.9E+03	ns	9.9E+03	ns	4.2E+02	n	1.8E+03	n	4.5E+02	n		7.4E-01	n			
		1.0E-01	I	4.0E-01	I	V				1		Cumene	98-82-8	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.5E-01	c		6.1E-04	c			
2.2E-01	C	6.3E-05	C							0.1		Cupferron	135-20-6	6.5E-01	c	2.7E+00	c					8.8E-02	c		4.1E-05	c			
8.4E-01	H			2.0E-03	H					0.1		Cyanazine	21725-46-2	7.8E+01	n	1.2E+03	n					2.0E+01	n		n				
		1.0E-03	I							1		~Calcium Cyanide	592-01-8	3.9E+02	n	5.8E+03	n					1.0E+02	n		n				
		5.0E-03	I							1		~Copper Cyanide	544-92-3	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		
		6.0E-04	I	8.0E-04	S	V				1	9.5E+05	~Cyanide (CN-)	57-12-5	7.8E+01	n	1.2E+03	n					2.0E+01	n		n				
		1.0E-03	I							1		~Cyanogen	460-19-5	7.0E+03	n	1.1E+05	nm					1.8E+03	n		n				
		9.0E-02	I							1		~Cyanogen Bromide	506-68-3	3.9E+03	n	5.8E+04	n					1.0E+03	n		n				
		5.0E-02	I							1		~Cyanogen Chloride	506-77-4	2.3E+01	n	5.8E+04	n					1.0E+03	n		n				
		6.0E-04	I	8.0E-04	I	V				1	1.0E+07	~Hydrogen Cyanide	74-90-8	1.6E+02	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							0.04		~Potassium Cyanide	151-50-8	3.9E+02	n	2.3E+03	n					4.0E+01	n		n				
		5.0E-03	I							1		~Potassium Silver Cyanide	506-61-6	7.8E+03	n	5.8E+03	n					8.2E+01	n		n				
		1.0E-01	I							0.04		~Silver Cyanide	506-64-9	7.8E+03	n	1.2E+05	nm					1.8E+03	n		n				
		1.0E-03	I							1		~Sodium Cyanide	143-33-9	3.9E+03	n	5.8E+04	n					2.0E+01	n		n				
		2.0E-04	P							1		~Thiocyanates	NA	1.6E+01	n	2.3E+02	n					4.0E+00	n		n				
		2.0E-04	X							1		~Thiocyanic Acid	463-56-9	1.6E+01	n	2.3E+02	n					4.0E+00	n		n				
		5.0E-02	I							1		~Zinc Cyanide	557-21-1	3.9E+03	n	5.8E+04	n					1.0E+03	n		n				
		6.0E+00	I	V						1	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			
2.3E-02	H									0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.4E+01	c	1.0E+02	c					2.4E+00	c		1.4E-02	c			
		5.0E+00	I	7.0E-01	P	V				1	5.1E+03	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				1	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							1	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			
		5.0E-03	I							0.1		Cyhalothrin	68085-85-8	3.2E+02	n	4.1E+03	n					1.0E+02	n		6.8E+01	n			
		1.0E-02	I							0.1		Cypermethrin	52315-07-8	6.3E+02	n	8.2E+03	n					2.0E+02	n		3.2E+01	n			
		7.5E-03	I							0.1		Cyromazine	66215-27-8	4.7E+02	n	6.2E+03	n					1.5E+02	n		3.8E-02	n			
2.4E-01	I	6.9E-05	C							0.1		DDD	72-54-8	2.3E+00	c	9.6E+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							1		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	I	5.0E-04	I					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*			
		3.0E-02	I							0.1		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		
1.8E-02	C	5.1E-06	C	1.5E-01	I					0.1		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			
7.0E-04	I			7.0E-03	I					0.1		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**			
		4.0E-05	I							0.1		Demeton	8085-48-3	2.5E+00	n	3.3E+01	n					4.2E-01	n		n				
1.2E-03	I			6.0E-01	I					0.1		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		
6.1E-02	H			7.0E-04	A					0.1		Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.4E-01	c		8.0E-04	c			
										0.1		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	1.0E-02	X	V				1	9.8E+02	Dibenzothiophene	132-65-0	7.8E+02	n	1.2E+04	n					6.5E+01	n	2.0E-01	1.2E+00	n			
		4.0E-04	X							1	1.6E+02	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		1.4E-07	c	8.6E-05		
		1.0E-02	I							1		Dibromobenzene, 1,3-	108-36-1	3.1E+01	n	4.7E+02	ns					5.3E+00	n		5.1E-03	n			
8.4E-02	I			2.0E-02	I					1	8.0E+02	Dibromobenzene, 1,4-	106-37-6	7.8E+02	n	1.2E+04	n					1.3E+02	n		1.2E-01	n			
2.0E+00	I	6.0E-04	I	9.0E-03	I	V				1	1.3E+03	Dibromochloromethane	124-48-1	8.3E+00	c	3.9E+01	c					8.7E-01	c	8.0E+01(F)	2.3E-04	c	2.1E-02		
				4.0E-03	X	V				1	2.8E+03	Dibromoethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0									

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

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 ₀ (mg/kg-day)	K _e (y)	RfC (mg/m ³) ⁻¹	K _e (y)	o muta- gen	GIABS	ABS	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)	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1	Dichlorvos	62-73-7	1.9E+00	c*	7.9E+00	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*		8.1E-05	c*		
				1.0E-04	I					1	0.1	Dicrotophos	141-66-2	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.7E-04	n		
				8.0E-02	P	3.0E-04	X V			1		Dicyclopentadiene	77-73-6	1.3E+00	n	5.4E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		2.2E-03	n		
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	Dieldrin	60-57-1	3.4E-02	c*	1.4E-01	c	6.1E-04	c	2.7E-03	c	1.8E-03	c		7.1E-05	c		
		3.0E-04	C			5.0E-03	I			1	0.1	Diesel Engine Exhaust	NA					9.4E-03	c	4.1E-02	c							
				2.0E-03	P	2.0E-04	P			1	0.1	Diethanolamine	111-42-2	1.3E+02	n	1.6E+03	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		8.1E-03	n		
				3.0E-02	P	1.0E-04	P			1	0.1	Diethylene Glycol Monobutyl Ether	112-34-5	1.9E+03	n	2.4E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n		1.3E-01	n		
				6.0E-02	P	3.0E-04	P			1	0.1	Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+03	n	4.8E+04	n	3.1E-01	n	1.3E+00	n	1.2E+03	n		2.4E-01	n		
				1.0E-03	P		V			1		Diethylformamide	617-84-5	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.1E-03	n		
3.5E+02	C	1.0E-01	C							1	0.1	Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c		2.8E-05	c		
				8.0E-02	I					1	0.1	Difenzoquat	43222-48-6	5.1E+03	n	6.6E+04	n					1.6E+03	n		2.5E+02	n		
				2.0E-02	I					1	0.1	Diflubenzuron	35367-38-5	1.3E+03	n	1.6E+04	n					2.9E+02	n		3.3E-01	n		
4.4E-02	C	1.3E-05	C			4.0E+01	I V			1		Diffuoroethane, 1,1-	75-37-6	4.8E+04	ns	2.0E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.8E+01	n		
							V			1		Dihydrosafrole	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.9E-01	c		1.9E-04	c		
						7.0E-01	P V			1		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	I		V			1		Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	9.3E+04	ns					1.6E+03	n		4.5E-01	n		
				2.0E-02	I					1	0.1	Dimethipin	55290-64-7	1.3E+03	n	1.6E+04	n					4.0E+02	n		8.8E-02	n		
				2.0E-04	I					1	0.1	Dimethoate	60-51-5	1.3E+01	n	1.6E+02	n					4.0E+00	n		9.0E-04	n		
1.6E+00	P			6.0E-02	P					1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c					4.7E-02	c		5.8E-05	c		
1.7E-03	P									1	0.1	Dimethyl methylphosphonate	756-79-6	3.2E+02	c*	1.4E+03	c*					4.6E+01	c*		9.6E-03	c*		
4.6E+00	C	1.3E-03	C							1	0.1	Dimethylamino azobenzene [p-]	60-11-7	1.2E-01	c	5.0E-01	c	2.2E-03	c	9.4E-03	c	5.0E-03	c		2.1E-05	c		
5.8E-01	H			2.0E-03	X					1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	9.4E-01	c	4.0E+00	c					1.3E-01	c		1.2E-04	c		
2.0E-01	P			2.0E-03	I		V			1	0.1	Dimethylaniline, 2,4-	95-68-1	2.7E+00	c*	1.1E+01	c					3.7E-01	c		2.1E-04	c		
				2.0E-03	I					1		Dimethylaniline, N,N-	121-69-7	1.6E+02	n	2.3E+03	ns					3.5E+01	n		1.3E-02	n		
1.1E+01	P			1.0E-01	P	3.0E-02	I V			1	0.1	Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c					6.5E-03	c		4.3E-05	c		
				1.0E-04	X	2.0E-06	X V			1		Dimethylformamide	68-12-2	2.6E+03	n	1.5E+04	n	3.1E+01	n	1.3E+02	n	6.1E+01	n		1.2E-02	n		
				1.0E-04	X	2.0E-06	X V			1		Dimethylhydrazine, 1,1-	57-14-7	5.7E-02	n	2.4E-01	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		9.3E-07	n		
5.5E+02	C	1.6E-01	C				V			1		Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.8E-05	c		6.5E-09	c		
				2.0E-02	I					1	0.1	Dimethylphenol, 2,4-	105-67-9	1.3E+03	n	1.6E+04	n					3.6E+02	n		4.2E-01	n		
				6.0E-04	I					1	0.1	Dimethylphenol, 2,6-	576-26-1	3.8E+01	n	4.9E+02	n					1.1E+01	n		1.3E-02	n		
				1.0E-03	I					1	0.1	Dimethylphenol, 3,4-	95-65-8	6.3E+01	n	8.2E+02	n					1.8E+01	n		2.1E-02	n		
4.5E-02	C	1.3E-05	C				V			1		Dimethylvinylchloride	513-37-1	1.1E+00	c	4.8E+00	c	2.2E-01	c	9.4E-01	c	3.3E-01	c		1.1E-04	c		
				8.0E-05	X					1	0.1	Dinitro-o-cresol, 4,6-	534-52-1	5.1E+00	n	6.6E+01	n					1.5E+00	n		2.6E-03	n		
				2.0E-03	I					1	0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n					2.3E-01	n		7.7E-01	n		
				1.0E-04	P					1	0.1	Dinitrobenzene, 1,2-	528-29-0	6.3E+00	n	8.2E+01	n					1.9E+00	n		1.8E-03	n		
				1.0E-04	I					1	0.1	Dinitrobenzene, 1,3-	99-83-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n		
				1.0E-04	P					1	0.1	Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n		
6.8E-01	I			2.0E-03	I					1	0.1	Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		4.4E-02	n		
										1	0.1	Dinitrotoluene Mixture, 2,4/2,6-	NA	8.0E-01	c	3.4E+00	c					1.1E-01	c		1.5E-04	c		
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102	Dinitrotoluene, 2,4-	121-14-2	1.7E+00	c*	7.4E+00	c	3.2E-02	c	1.4E-01	c	2.4E-01	c		3.2E-04	c		
1.5E+00	P			3.0E-04	X					1	0.099	Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c*	1.5E+00	c					4.9E-02	c		6.7E-05	c		
				2.0E-03	S					1	0.006	Dinitrotoluene, 2-Aminob-4,6-	35572-78-2	1.5E+02	n	2.3E+03	n					3.9E+01	n		3.0E-02	n		
				2.0E-03	S					1	0.009	Dinitrotoluene, 4-Aminob-2,6-	19406-51-0	1.5E+02	n	2.3E+03	n					3.9E+01	n		3.0E-02	n		
4.5E-01	X			9.0E-04	X					1	0.1	Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c*	5.1E+00	c					1.0E-01	c		1.4E-04	c		
				1.0E-03	I					1	0.1	Dinoseb	88-85-7	6.3E+01	n	8.2E+02	n					1.5E+01	n		1.3E-01	n	6.2E-02	
1.0E-01	I	5.0E-06	I	3.0E-02	I V					1		Dioxane, 1,4-	123-91-1	5.3E+00	c	2.4E+01	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							1	0.03	Dioxins	NA	1.0E-04	c	4.7E-04	c	2.2E-06	c	9.4E-06	c	1.3E-05	c		1.7E-05	c		
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C V			1	0.03	-TCDD, 2,3,7,8-	1746-01-6	4.8E-06	c*	2.2E-05	c*	7.4E-08	c	3.2E-07	c	1.2E-07	c	3.0E-05	5.9E-08	c	1.5E-05	
				3.0E-02	I					1	0.1	Diphenamid	957-51-7	1.9E+03	n	2.5E+04	n					5.3E+02	n		5.2E+00	n		
				8.0E-04	X					1	0.1	Diphenyl Sulfone	127-63-9	5.1E+01	n	6.6E+02	n					1.5E+01	n		3.6E-02			

Key: I = IRIS; P = PPRVT; H = AESTH; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); C = cancer; N = noncancer; * = where: N SL < 100X C SL; * = where N SL < 10X C SL; SSL values are based on DAF*1; m = Concentration may exceed cell limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information											Contaminant											Screening Levels											Protection of Ground Water SSLs		
SFO (mg/kg-day)	K _e (y ⁻¹)	IUR (ug/m ³ -y ⁻¹)	K _e (y ⁻¹)	RfD _a (mg/kg-day)	RfC (mg/m ³)	Q ₁₀ (y)	muta- gen	GIABS	ABS	C _{soil} (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-05						3.0E-01	P V	1		0.1	1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+03	ns	7.6E+03	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n	1.5E-01	n						
												Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-01	n	8.2E+00	n					8.9E-02	n		2.8E-03	n									
1.1E-02	C	2.5E-06	C	1.0E-01	1.0E+00	I V		1		4.8E+02	Ethylbenzene	100-41-4	5.8E+00	c	2.5E+01	c	1.1E+00	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.7E-03	c	7.8E-01									
				7.0E-02		P		1	0.1		Ethylene Cyanohydrin	109-78-4	4.4E+03	n	5.7E+04	n					1.4E+03	n		2.8E-01	n										
				9.0E-02		P	V	1		1.9E+05	Ethylene Diamine	107-15-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n		4.1E-01	n										
				2.0E+00	4.0E-01	C		1	0.1		Ethylene Glycol	107-21-1	1.3E+05	nm	1.6E+06	nm	4.2E+02	n	1.8E+03	n	4.0E+04	n		8.1E+00	n										
3.1E-01	C	8.8E-05	C	1.0E-01	1.6E+00	I		1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+03	n	8.2E+04	n	1.7E+03	n	7.0E+03	n	2.0E+03	n		4.1E-01	n										
4.5E-02	C	1.3E-05	C		3.0E-02	C V		1		1.2E+05	Ethylene Oxide	75-21-8	1.8E-01	c	7.9E-01	c	3.2E-02	c	1.4E-01	c	5.1E-02	c		1.1E-05	c										
6.5E+01	C	1.9E-02	C					1	0.1		Ethylene Thiourea	96-45-7	5.1E+00	n	5.1E+01	c**	2.2E-01	c	9.4E-01	c	1.8E+00	n		3.6E-04	n										
							V	1		1.5E+05	Ethyleneimine	151-56-4	2.7E-03	c	1.2E-02	c	1.5E-04	c	6.5E-04	c	2.4E-04	c		5.2E-08	c										
				3.0E+00		I		1	0.1		Ethylphthalyl 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		1	0.1		Fenampiphos	22224-92-6	1.6E+01	n	2.1E+02	n					4.4E+00	n		4.3E-03	n										
				2.5E-02		I		1	0.1		Fenpropathrin	39515-41-8	1.6E+03	n	2.1E+04	n					6.4E+01	n		2.9E+00	n										
				2.5E-02		I		1	0.1		Fenvalerate	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n		3.2E+02	n										
				1.3E-02		I		1	0.1		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		1.2E+02	n										
				6.0E-02	C	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			1	0.1		Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n										
				2.0E-02		I		1	0.1		Flurprimidol	56425-91-3	1.3E+03	n	1.6E+04	n					3.4E+02	n		1.6E+00	n										
				7.0E-04		I		1	0.1		Flusilazole	85509-19-9	4.4E+01	n	5.7E+02	n					1.1E+01	n		1.8E+00	n										
				6.0E-02		I		1	0.1		Flutolani	66332-96-5	3.8E+03	n	4.9E+04	n					9.5E+02	n		5.0E+00	n										
3.5E-03	I			1.0E-02		I		1	0.1		Fluvinalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n										
				1.0E-01		I		1	0.1		Folpet	133-07-3	1.6E+02	c*	6.6E+02	c					2.0E+01	c*		4.7E-03	c*										
1.9E-01	I							1	0.1		Fomesafen	72178-02-0	2.9E+00	c	1.2E+01	c					3.9E-01	c		1.3E-03	c										
				2.0E-03	I			1	0.1		Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n		4.7E-02	n										
		1.3E-05	I	2.0E-01	I	9.8E-03	A V	1		4.2E+04	Formaldehyde	50-00-0	1.7E+01	c*	7.3E+01	c*	2.2E-01	c*	9.4E-01	c*	4.3E-01	c*		8.7E-05	c*										
				9.0E-01	P	3.0E-04	X V	1		1.1E+05	Formic Acid	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										
				3.0E+00		I		1	0.1		Fosetyl-AL	39148-24-8	1.9E+05	nm	2.5E+06	nm					6.0E+04	n		7.9E+02	n										
				1.0E-03	X			V		0.03	-Dibenzofuran	132-64-9	7.3E+01	n	1.0E+03	n					7.9E+00	n		1.5E-01	n										
				1.0E-03	I			V		0.03	-Furan	110-00-9	7.3E+01	n	1.0E+03	n					1.9E+01	n		7.3E-03	n										
				9.0E-01	I	2.0E+00	I V	1	0.03	6.2E+03	-Tetrahydrofuran	109-99-9	1.8E+04	n	9.4E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n										
3.8E+00	H			3.0E-03	I	5.0E-02	H V	1	0.1	1.0E+04	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	0.1		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-03	n										
								1	0.1		Furium	531-82-0	3.6E-01	n	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c										
3.0E-02	I	8.6E-06	C					1	0.1		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										
				4.0E-04	I			1	0.1		Glufosinate, Ammonium	77187-82-2	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.8E-03	n										
					8.0E-05	C		1	0.1		Glutaraldehyde	111-30-8	1.1E+05	nm	4.8E+05	nm	8.3E-02	n	3.5E-01	n															
				4.0E-04	I	1.0E-03	H V	1		1.1E+05	Glycidyl	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										
				1.0E-01	I			1	0.1		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									
				1.0E-02	X			V	1		Guanidine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n										
				2.0E-02	P				1	0.1	Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n			n										
4.5E+00	I	1.3E-03	I	5.0E-04	I			V	1	0.1	Haloxypop, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n										
				5.0E-04	I			V	1		Heptachlor	76-44-8	1.3E-01	c	6.3E-01	c	2.2E-03	c	9.4E-03	c	1.4E-03	c	4.0E-01	1.2E-04	c	3.3E-02									
9.1E+00	I	2.6E-03	I	1.3E-05	I			V	1		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									
				2.0E-03	I			V	1		Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n		2.3E-01	n										
				2.0E-04	I			V	1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.3E+01	n	1.6E+02	n					4.0E+00	n			n										
1.6E+00	I	4.6E-04	I	8.0E-04	I			V	1		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	1.0E-03	P			V	1	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	8.0E-03	A				1	0.1	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						1	0.1	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	3.0E-04	I				1	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						1	0.1	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										
				6.0E-03	I	2.0E-04	I V	1		1.6E+01	Hexachlorocyclopentadiene	77-47-4	1.8E+00	n	7.5E+00	n	2.1E-01	n	8.8E-01	n	1.4E-01	n	5.0E+01	1.3E-03	n	1.6E-01									
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I V	1			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*										
				3.0E-04	I			1	0.1		Hexachlorophene	70-30-4	1.9E+01	n	2.5E+02	n					6.0E+00	n		8.0E+00	n										
1.1E-01	I			3.0E-03	I				0.015		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.1E+00	c*	2.8E+01	c					7.0E-01	c*		2.7E-04	c*										
										3.4E+03	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										
				4.0E-04	P				1	0.1	Hexamethylphosphoramide	680-31-9	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.8E-03	n										
					7.0E-01	I V		1		1.4E+02	Hexane, N-	110-54-3	6.1E+02	ns	2.5E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		1.0E+01	n										
				2.0E+00	P				1	0.1	Hexanedioic Acid	124-04-9	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		9.9E+00	n										
				5.0E-03	I	3.0E-02	I V	1		3.3E+03	Hexanone, 2-	591-78-6	2.0E+02	n	1.3E+03	n	3.1E+01	n	1.3E+02	n	3.8E+0														

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 ₀ (mg/kg-day)	K _e (y)	RfC ₀ (mg/m ³) ⁻¹	K _e (y)	o	muta- gen	GIABS	ABS	C _{soil} (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)	
				7.0E-01	P						1		Iron	7439-89-6	5.5E+04	n	8.2E+05	nm					1.4E+04	n			3.5E+02	n	
9.5E-04	I			3.0E-01	I			V				1.0E+04	Isobutyl Alcohol	78-83-1	2.3E+04	ns	3.5E+05	nms					5.9E+03	n			1.2E+00	n	
				2.0E-01	I	2.0E+00	C				1	0.1	Isophorone	78-59-1	5.7E+02	c*	2.4E+03	c*	2.1E+03	n	8.8E+03	n	7.8E+01	c*	2.6E-02	c*			
				1.5E-02	I			V			1		Isopropalin	33820-53-0	1.2E+03	n	1.8E+04	n					4.0E+01	n			9.2E-01	n	
				2.0E+00	P	2.0E-01	P	V			1		1.1E+05	Isopropanol	67-63-0	5.6E+03	n	2.4E+04	n	2.1E+02	n	8.8E+02	n	4.1E+02	n			8.4E-02	n
				1.0E-01	I						1	0.1	Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+03	n	8.2E+04	n					2.0E+03	n			4.3E-01	n	
				5.0E-02	I						1	0.1	Isosaben	82558-50-7	3.2E+03	n	4.1E+04	n					7.3E+02	n			2.0E+00	n	
				3.0E-01	A	V					1		JP-7	NA	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n					
				2.0E-03	I						1	0.1	Lactofen	77501-63-4	1.3E+02	n	1.6E+03	n					2.5E+01	n			1.2E+00	n	
													Lead Compounds																
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	0.025			~Lead Chromate	7758-97-6	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c					c
8.5E-03	C	1.2E-05	C										~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					c
8.5E-03	C	1.2E-05	C								0.1		~Lead acetate	301-04-2	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c					c
8.5E-03	C	1.2E-05	C										~Lead and Compounds	7439-92-1	4.0E+02	L	8.0E+02	L	1.5E-01	L			1.5E+01	L	1.5E+01	L	2.0E-03	c	1.4E+01
				1.0E-07	I			V			1	0.1	~Lead subacetate	1335-32-6	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c			2.0E-03	c	
				5.0E-06	P						1		~Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n					1.3E-03	n			4.7E-06	n	
				2.0E-03	P						1	0.1	Lewisite	541-25-3	3.9E-01	n	5.8E+00	n					9.0E-02	n			3.8E-05	n	
				2.0E-03	I						1	0.1	Linuron	330-55-2	1.3E+02	n	1.6E+03	n					3.3E+01	n			2.9E-02	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	
				1.0E-02	I						1	0.1	MCPB	94-81-5	6.3E+02	n	8.2E+03	n					1.5E+02	n			5.8E-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	Malathion	121-75-5	1.3E+03	n	1.6E+04	n					3.9E+02	n			1.0E-01	n	
				1.0E-01	I	7.0E-04	C				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	
				5.0E-01	I						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	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n			2.8E+01	n	
				2.4E-02	S	5.0E-05	I			0.04			Manganese (Non-diet)	7439-96-5	5.7E+00	n	7.4E+01	n					1.8E+00	n			2.6E-03	n	
				9.0E-05	H						1	0.1	Mephosfolan	950-10-7	1.9E+03	n	2.5E+04	n					6.0E+02	n			2.0E-01	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	
				3.0E-04	I	3.0E-04	S			0.07			Mercury Compounds	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	n			
				1.0E-04	I			V			1	3.1E+00	~Mercuric Chloride (and other Mercury salts)	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	n	3.3E-02	n	1.0E-01
				8.0E-05	I						1	0.1	~Mercury (elemental)	7439-97-6	7.8E+00	n	1.2E+02	n					2.0E+00	n					
				3.0E-05	I						1		~Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n					2.0E+00	n					
				8.0E-05	I						1	0.1	~Phenylmercuric Acetate	62-38-4	5.1E+00	n	6.6E+01	n					1.6E+00	n			5.0E-04	n	
				3.0E-05	I			V			1		Merphos	150-50-5	2.3E+00	n	3.5E+01	n					6.0E-01	n			5.9E-02	n	
				3.0E-05	I						1	0.1	Merphos Oxide	78-48-8	1.9E+00	n	2.5E+01	n					8.5E-02	n			4.2E-04	n	
				6.0E-02	I						1	0.1	Metalaxyl	57837-19-1	3.8E+03	n	4.9E+04	n					1.2E+03	n			3.3E-01	n	
				1.0E-04	I	3.0E-02	P	V			1	4.6E+03	Methacrylonitrile	126-98-7	7.5E+00	n	1.0E+02	n	3.1E+01	n	1.3E+02	n	1.9E+00	n			4.3E-04	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	
4.9E-02	C	1.4E-05	C	1.0E-03	I						1	0.1	Methidathion	950-37-8	6.3E+01	n	8.2E+02	n					1.9E+01	n			4.7E-03	n	
				2.5E-02	I						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-	99-59-2	1.1E+01	c	4.7E+01	c	2.0E-01	c	8.8E-01	c	1.5E+00	c			5.3E-04	c	
				8.0E-03	P	1.0E-03	P	V			1	1.2E+05	Methoxychlor	72-43-5	3.2E+02	n	4.1E+03	n					3.7E+01	n	4.0E+01	n	2.0E+00	n	2.2E+00
				5.0E-03	P	2.0E-02	I	V			1	1.1E+05	Methoxyethanol Acetate, 2-	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	
				1.0E+00	X			V			1		Methoxyethanol, 2-	109-86-4	3.3E+02	n	3.5E+03	n	2										

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																													
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 ₀ (mg/kg-day)	K _e (y)	RfC ₀ (mg/m ³)	K _e (y)	o ₁	muta- gen	GIABS	ABS	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	I						1	0.1	Metribuzin	21087-64-9	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.5E-01	n		
				2.5E-01	I						1	0.1	Metsulfuron-methyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n		
				3.0E+00	P				V		1		Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n		
1.8E+01	C	5.1E-03	C	2.0E-04	I				V		1		Mirex	2385-85-5	3.6E-02	c	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c		6.3E-04	c		
				2.0E-03	I						1	0.1	Molinate	2212-67-1	1.3E+02	n	1.6E+03	n					3.0E+01	n		1.7E-02	n		
				5.0E-03	I						1		Molybdenum	7439-98-7	3.9E+02	n	5.8E+03	n					1.0E+02	n		2.0E+00	n		
				1.0E-01	I						1		Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm					2.0E+03	n	4.0E+03		n		
				2.0E-03	P						1	0.1	Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n					3.8E+01	n		1.4E-02	n		
				2.5E-02	I						1	0.1	Myclobutanil	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n		
				3.0E-04	X						1	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	I					V			Naled	300-76-5	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.8E-02	n		
				3.0E-02	X	1.0E-01	P	V			1		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			n		
1.8E+00	C	0.0E+00	C								1	0.1	Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		2.0E-04	c		
				1.0E-01	I						1	0.1	Napropamide	15299-99-7	6.3E+03	n	8.2E+04	n					1.6E+03	n		1.1E+01	n		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1	Nickel Acetate	373-02-4	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n		4.5E-02	n		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1	Nickel Carbonate	3333-67-3	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n			n		
				2.6E-04	C	1.1E-02	C	1.4E-05	C	V	1		Nickel Carbonyl	13463-39-3	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**			c**		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04		Nickel Hydroxide	12054-48-7	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n			n		
				2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04		Nickel Oxide	1313-99-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n			n		
				2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04		Nickel Refinery Dust	NA	8.2E+02	n	1.1E+04	n	1.2E-02	c**	5.1E-02	c**	2.2E+02	n		3.2E+01	n		
				2.6E-04	C	2.0E-02	I	9.0E-05	A		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		
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			0.04			Nickel Suboxide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c			c		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1	Nickelocene	1271-28-9	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n			n		
				1.6E+00	I						1		Nitrate	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n	1.0E+04		n		
											1		Nitrate + Nitrite (as N)	NA									2.0E+03	n	1.0E+04		n		
				1.0E-01	I						1		Nitrite	14797-65-0	7.8E+03	n	1.2E+05	nm					1.9E+02	n		8.0E-02	n		
				1.0E-02	X	5.0E-05	X				1	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					
2.0E-02	P			4.0E-03	P	6.0E-03	P				1	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			1		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						1	0.1	Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		1.3E+04	n		
				7.0E-02	H						1	0.1	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								1	0.1	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						1	0.1	Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.5E-04	n		
				1.0E-01	I						1	0.1	Nitroguanidine	556-88-7	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n		
				8.8E-06	P						1	0.1	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*		
				2.7E-03	H						1		Nitropropane, 2-	79-46-9	1.4E-02	c	6.0E-02	c	1.0E-03	c	4.5E-03	c	2.1E-03	c		5.4E-07	c		
2.7E+01	C	7.7E-03	C						M	1	0.1		Nitroso-N-ethylurea, N-	75-73-9	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	1	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	1.2E-04	c		4.6E-08	c		
5.4E+00	I	1.6E-03	I						V	1			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							1	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							1	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	1	0.1		Nitrosodiethylamine, 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	1		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+01	I	2.6E-06	C							1	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	I	6.3E-03	C						V	1		1.1E+05	Nitrosomethylamine, N-	10695-95-6	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							1	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																										

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Toxicity and Chemical-specific Information												Contaminant		Screening Levels										Protection of Ground Water SSLs			
SFO (mg/kg-day) ⁻¹	K _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	K _e (mg/kg-day)	RfD _h (mg/kg-day)	K _e (mg/m ³)	RfC _h (mg/m ³)	K _e (mg/m ³)	Vol muta- gen	GIABS	ABS	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)
			7.0E-04	I					1			~Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	8.2E+02	n					1.4E+01	n	1.5E+01(F)		n	
			7.0E-04	I					1			~Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n					1.4E+01	n			n	
			7.0E-04	I					1			~Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n					1.4E+01	n			n	
			2.0E-02	P			V					Perfluorobutane Sulfonate	375-73-5	1.6E+03	n	2.3E+04	n					3.8E+02	n		2.1E-01	n	
			5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.4E+02	n	
2.2E-03	C	6.3E-07	C							1	0.1	Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c		9.7E-03	c	
			2.5E-01	I					1	0.1		Phenmedipham	13684-63-4	1.6E+04	n	2.1E+05	nm					4.0E+03	n		2.1E+01	n	
			3.0E-01	I	2.0E-01	C			1	0.1		Phenol	108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n		3.3E+00	n	
			4.0E-03	I					1	0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.5E+02	n	3.3E+03	n					7.8E+01	n		2.5E-02	n	
			5.0E-04	X					1	0.1		Phenothiazine	92-84-2	3.2E+01	n	4.1E+02	n					4.3E+00	n		1.4E-02	n	
			6.0E-03	I					1	0.1		Phenylenediamine, m-	108-45-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		3.2E-02	n	
4.7E-02	H								1	0.1		Phenylenediamine, o-	95-54-5	1.2E+01	c	4.9E+01	c					1.6E+00	c		4.4E-04	c	
			1.9E-01	H					1	0.1		Phenylenediamine, p-	106-50-3	1.2E+04	n	1.6E+05	nm					3.8E+03	n		1.0E+00	n	
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						
			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	13776-88-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Aluminum metaphosphate	68333-79-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Diammonium phosphate	7783-28-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Disodium phosphate	7558-79-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Monoaluminum phosphate	13530-50-2	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Monoammonium phosphate	7722-76-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Monosodium phosphate	7558-80-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Potassium triphosphate	13845-36-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			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			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			n	
			4.9E+01	P					1			~Sodium aluminum phosphate (tetrahydrate)	10305-70-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Sodium triphosphate	7758-28-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	45136-87-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Tricalcium phosphate	7759-97-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Trimagnesium phosphate	7757-87-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Tripotassium phosphate	7778-53-2	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			4.9E+01	P					1			~Trisodium phosphate	7601-54-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
			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			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			n	
			2.0E-05	I			V		1			Phosphorus, White	7723-14-0	1.6E+00	n	2.3E+01	n					4.0E-01	n		1.5E-03	n	
												Phthalates															
1.4E-02	I	2.4E-06	C	2.0E-02	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
1.9E-03	P			2.0E-01	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+00	I				1	0.1		~Butylphthalyl Butylglycolate	85														

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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 _o (mg/kg-day)	K _e (y)	RfC _i (mg/m ³)	K _e (y)	o	muta- gen	GIABS	ABS	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)
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E-01	c*	5.2E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		2.8E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 167)	52663-72-6	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V			1	0.14	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.2E-04	c*	5.1E-04	c*	2.5E-06	c	1.1E-05	c	4.0E-06	c		1.7E-06	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 123)	65510-44-3	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 118)	31508-00-6	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 105)	32598-14-4	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 114)	74472-37-0	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V			1	0.14	~Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	3.6E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c		3.0E-07	c	
2.0E+00	I	5.7E-04	I					V			1	0.14	~Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c			5.0E-01	6.8E-03	c	7.8E-02
4.0E-01	I	1.0E-04	I					V			1	0.14	~Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c				
7.0E-02	I	2.0E-05	I					V			1	0.14	~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c						
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V			1	0.14	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*		9.4E-04	c*	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V			1	0.14	~Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	1.2E-02	c*	4.8E-02	c*	2.5E-04	c	1.1E-03	c	4.0E-04	c		6.2E-05	c	
													Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n						
													Polynuclear Aromatic Hydrocarbons (PAHs)															
													-Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n		5.5E+00	n	
													-Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n		5.8E+01	n	
7.3E-01	E	1.1E-04	C					V	M		1	0.13	~Benzo[a]anthracene	56-55-3	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	1.2E-02	c		4.2E-03	c	
1.2E+00	C	1.1E-04	C								1	0.13	~Benzo[j]fluoranthene	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	
7.3E+00	I	1.1E-03	C							M	1	0.13	~Benzo[a]pyrene	50-32-8	1.6E-02	c	2.9E-01	c	9.2E-04	c	1.1E-02	c	3.4E-03	c	2.0E-01	4.0E-03	c	2.4E-01
7.3E-01	E	1.1E-04	C							M	1	0.13	~Benzo[b]fluoranthene	205-99-2	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	3.4E-02	c		4.1E-02	c	
7.3E-02	E	1.1E-04	C							M	1	0.13	~Benzo[k]fluoranthene	207-08-9	1.6E+00	c	2.9E+01	c	9.2E-03	c	1.1E-01	c	3.4E-01	c		4.0E-01	c	
													~Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n					7.5E+02	n		3.9E+00	n	
7.3E-03	E	1.1E-05	C						M	1	0.13	~Chrysene	218-01-9	1.6E+01	c	2.9E+02	c	9.2E-02	c	1.1E+00	c	3.4E+00	c		1.2E+00	c		
7.3E+00	E	1.2E-03	C						M	1	0.13	~Dibenz[a,h]anthracene	53-70-3	1.6E-02	c	2.9E-01	c	8.4E-04	c	1.0E-02	c	3.4E-03	c		1.3E-02	c		
1.2E+01	C	1.1E-03	C								1	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	
2.5E+02	C	7.1E-02	C							M	1	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	
													-Fluoranthene	206-44-0	2.4E+03	n	3.0E+04	n					8.0E+02	n		8.9E+01	n	
													-Fluorene	86-73-7	2.4E+03	n	3.0E+04	n					2.9E+02	n		5.4E+00	n	
7.3E-01	E	1.1E-04	C							M	1	0.13	~Indeno[1,2,3-cd]pyrene	193-39-5	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	3.4E-02	c		1.3E-01	c	
2.9E-02	P												~Methylnaphthalene, 1-	90-12-0	1.8E+01	c	7.3E+01	c					1.1E+00	c		6.0E-03	c	
													~Methylnaphthalene, 2-	91-57-6	2.4E+02	n	3.0E+03	n					3.6E+01	n		1.9E-01	n	
													~Naphthalene	91-20-3	3.8E+00	c*	1.7E+01	c*	8.3E-02	c*	3.6E-01	c*	1.7E-01	c*		5.4E-04	c*	
1.2E+00	C	1.1E-04	C								1	0.13	~Nitrophenyl, 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	
													~Pyrene	129-00-0	1.8E+03	n	2.3E+04	n					1.2E+02	n		1.3E+01	n	
													Potassium Perfluorobutane Sulfonate	29420-49-3	1.3E+03	n	1.6E+04	n					4.0E+02	n		2.2E-01	n	
1.5E-01	I										1	0.1	Prochloraz	67747-09-5	3.6E+00	c	1.5E+01	c					3.8E-01	c		1.9E-03	c	
													Profluralin	26399-36-0	4.7E+02	n	7.0E+03	n					2.6E+01	n		1.6E+00	n	
													Prometon	1610-18-0	9.5E+02	n	1.2E+04	n					2.5E+02	n		1.2E-01	n	
													Prometryn	7287-19-6	2.5E+02	n	3.3E+03	n					6.0E+01	n		9.0E-02	n	
													Propachlor	1918-16-7	8.2E+02	n	1.1E+04	n					2.5E+02	n		1.5E-01	n	
													Propanil	709-96-8	3.2E+02	n	4.1E+03	n					8.2E+01	n		4.5E-02	n	
													Propargite	2312-35-8	1.3E+03	n	1.6E+04	n					1.6E+02	n		1.2E+01	n	
													Propargyl Alcohol	107-15-7	1.6E+02	n	2.3E+03	n										

Key: I = IRIS, P = PPRTV, A = ATSDR, C = Cal EPA, X = APPENDIX PPRTV SCREEN (See FAQ #27), H = HEAST; F = See FAQ; J = New Jersey, O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); C = cancer, n = noncancer, * = where, n SL < 100X < C, * = where n SL < 10X < C; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide).

Toxicity and Chemical-specific Information											Contaminant		Screening Levels										Protection of Ground Water SSLs			
SFO (mg/kg-day) ¹	K _e (y) ¹	IUR (ug/m ³) ¹	K _e (y) ¹	RfD _a (mg/kg-day)	RfC _a (mg/m ³)	K _e (y) ¹	mutagen	GI/ABS	ABS	C _{soil} (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)
2.7E-01	H			3.0E-02						0.1	Sodium Diethyldithiocarbamate	148-18-5	2.0E+00	c	8.5E+00	c					2.9E-01	c		1.8E-04	c	
				5.0E-02	A 1.3E-02	C					Sodium Fluoride	7681-49-4	3.9E+03	n	5.8E+04	n	1.4E+01	n	5.7E+01	n	1.0E+03	n				
				2.0E-05	I					0.1	Sodium Fluoroacetate	62-74-8	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.1E-05	n	
				1.0E-03	H					1	Sodium Metavanadate	13718-26-8	7.8E+01	n	1.2E+03	n					2.0E+01	n				
				8.0E-04	P					1	Sodium Tungstate	13472-45-2	6.3E+01	n	9.3E+02	n					1.6E+01	n				
				8.0E-04	P					1	Sodium Tungstate Dihydrate	10213-10-2	6.3E+01	n	9.3E+02	n					1.6E+01	n				
2.4E-02	H			3.0E-02	I					0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c					2.8E+00	c		8.2E-03	c	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025		Strontium Chromate	7789-06-2	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c				
				6.0E-01	I					1	Strontium, Stable	7440-24-6	4.7E+04	n	7.7E+05	nm					1.2E+04	n		4.2E+02	n	
				3.0E-04	I					0.1	Strychnine	57-24-9	1.9E+01	n	2.5E+02	n					5.9E+00	n		6.5E-02	n	
				2.0E-01	I	1.0E+00	I	V		1	Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+03	n	1.0E+02	1.3E+00	n	1.1E-01
				3.0E-03	P					0.1	Styrene-Acrylonitrile (SAN) Trimer	NA	1.9E+02	n	2.5E+03	n					4.8E+01	n				
				1.0E-03	P	2.0E-03	X			0.1	Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n		4.4E-03	n	
				8.0E-04	P					0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.6E+02	n					1.1E+01	n		6.5E-02	n	
						1.0E-03	C	V		1	Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n				
						1.0E-03	C			1	Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n				1.5E-02	c	
2.5E-02	I	7.1E-06	I	5.0E-02	C	3.0E-02	H			0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c		3.3E+00	c	
				3.0E-02	H					0.1	TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n				
				7.0E-02	I					0.1	Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n		3.9E-01	n	
				2.0E-02	H					0.1	Temephos	3383-96-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		7.6E+01	n	
				1.3E-02	I					0.1	Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n		7.5E-02	n	
				2.5E-05	H			V		1	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n		5.2E-04	n	
				1.0E-03	I					0.1	Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n		1.9E-02	n	
				1.0E-04	I					0.1	Terabromodiphenyl 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			V		1	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	8.8E+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	
2.0E+01	H							V		1	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.5E-02	c	1.6E-01	c					1.3E-03	c		4.5E-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	
				2.0E-03	P					7E-04	Tri(Trinitrophenyl)methylnitramine	479-45-8	1.6E+02	n	2.3E+03	n					3.9E+01	n		3.7E-01	n	
				2.0E-05	S					1	Thalic Oxide	1314-32-5	1.6E+00	n	2.3E+01	n					4.0E-01	n				
				1.0E-05	X					1	Thallium (I) Nitrate	10102-45-1	7.8E-01	n	1.2E+01	n					2.0E-01	n				
				1.0E-05	X					1	Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.2E+01	n					2.0E-01	n	2.0E+00	1.4E-02	n	1.4E-01
				1.0E-05	X			V		1	Thallium Acetate	593-68-8	7.8E-01	n	1.2E+01	n					2.0E-01	n		4.1E-05	n	
				2.0E-05	X			V		1	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					1	Thallium Chloride	7791-12-0	7.8E-01	n	1.2E+01	n					2.0E-01	n				
				1.0E-05	S					1	Thallium Selenite	12039-52-0	7.8E-01	n	1.2E+01	n					2.0E-01	n				
				2.0E-05	X					1	Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n					4.0E-01	n				
				1.3E-02	I					0.1	Thiensusulfuron-methyl	79277-27-3	8.2E+02	n	1.1E+04	n					2.6E+02	n		7.8E-02	n	
				1.0E-02	I					0.1	Thiobencarb	28249-77-6	6.3E+02	n	8.2E+03	n					1.6E+02	n		5.5E-01	n	
				7.0E-02	X					0.008	Thiodiglycol	111-48-3	5.4E+03	n	7.9E+04	n					1.4E+03	n		2.8E-01	n	
				3.0E-04	H					0.1	Thiofanox	39196-18-4	1.9E+01	n	2.5E+02	n					5.3E+00	n		1.8E-03	n	
				8.0E-02	I					0.1	Thiophanate, Methyl	23564-05-8	5.1E+03	n	6.6E+04	n					1.6E+03	n		1.4E+00	n	
				5.0E-03	I					0.1	Thiram	137-26-8	3.2E+02	n	4.1E+03	n					9.8E+01	n		1.4E-01	n	
				6.0E-01	H					1	Tin	7440-31-5	4.7E+04	n	7.0E+05	nm					1.2E+04	n		3.0E+03	n	
						1.0E-04	A	V		1	Titanium Tetrachloride	7650-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n				
				8.0E-02	I	5.0E+00	I	V		8.2E+02	Toluene	108-88-3	4.9E+03	ns	5.2E+04	ns	2.2E+04	n	1.1E+03	n	1.1E+03	n	1.0E+03	7.6E-01	n	6.9E-01
						8.0E-06	C	V		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	
1.8E-01	X			2.0E-04	X					0.1	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	1.1E-05	C			8.0E-06	C	V		1.7E+03	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	
		5.1E-05	C							0.1	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	
3.0E-02	P			4.0E-03	X					0.1	Toluidine, p-	106-49-0	1.8E+01	c**	7.7E+01	c*					2.5E+00	c*		1.1E-03	c*	
				3.0E+00	P			V		3.4E-01	Total Petroleum Hydrocarbons (Aliphatic High)	NA	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n	
						6.0E-01	P	V		1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA	5.2E+02	ns	2.2E+03	ns	6.3E+02	n	2.6E+03	n	1.3E+03	n		8.8E+00	n	
				1.0E-02	X	1.0E-01	P	V		6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	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					0.1	Total Petroleum Hydrocarbons (Aromatic High)	NA	2.5E+03	n	3.3E+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)	NA	8.2E+01	n	4.2E+02	n	3.1E+01	n	1.3E+02	n	3.3E+01	n		1.7E-02	n	
				4.0E-03	P	3.0E-03	P	V		1	Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.1E+02	n	6.0E+02	n	3.1E+00	n	1.3E+01	n	5.5E+00	n		2.3E-02	n	
1.1E+00	I	3.2E-04	I							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
				7.5E-03	I					0.1	Trialomethrin	66841-25-6	4.7E+02	n	6.2E+03	n					1.5E+02	n		5.8E+01	n	
				3.0E-04	A			V		1	Tri-n-butyltin	688-73-3	2.3E+01	n	3.5E											

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 _h (mg/kg-day)	K _e (y)	RfC _h (mg/m ³)	K _e (y)	V _o	muta- gen	GIABS	ABS	C _{soil} (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)
7.0E-03	X			3.0E-05 8.0E-04	X			V		1	0.1			Trichloroaniline, 2,4,6- Trichlorobenzene, 1,2,3-	634-93-5 87-61-6	1.9E+00 6.3E+01	n	2.5E+01 9.3E+02	n					4.0E-01 7.0E+00	n		3.6E-03 2.1E-02	n	
2.9E-02	P			1.0E-02 2.0E+00	I	2.0E-03 5.0E+00	P	V		1		4.0E+02 6.4E+02		Trichlorobenzene, 1,2,4- Trichloroethane, 1,1,1-	120-82-1 71-55-6	2.4E+01 8.1E+03	c**	1.1E+02 3.6E+04	c**	2.1E+00 5.2E+03	n	8.8E+00 2.2E+04	n	1.2E+00 8.0E+03	c**	7.0E+01 2.0E+02	3.4E-03 2.8E+00	c**	2.0E-01 7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03		Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.0E+00	c**	1.8E-01	c**	7.7E-01	c**	2.8E-01	c**	5.0E+00	8.9E-05	c**	1.6E-03
4.6E-02	I	4.1E-06	I	5.0E-04 3.0E-01 1.0E-01	I	2.0E-03 V	I	V	M		1	6.9E+02 1.2E+03		Trichloroethylene Trichlorofluoromethane Trichlorophenol, 2,4,5-	79-01-6 75-69-4 95-95-4	9.4E-01 2.3E+04 6.3E+03	c** nms n	6.0E+00 3.5E+05 8.2E+04	c** nms n	4.8E-01 c**	3.0E+00	c**	4.9E-01 5.2E+03 1.2E+03	c** n n	5.0E+00	1.8E-04 3.3E+00 4.0E+00	c** n n	1.8E-03	
1.1E-02	I	3.1E-06	I	1.0E-03 1.0E-02 8.0E-03	P					1	0.1			Trichlorophenol, 2,4,6- Trichlorophenoxyacetic Acid, 2,4,5- Trichlorophenoxypropionic acid, -2,4,5	88-06-2 93-76-5 93-72-1	4.9E+01 6.3E+02 5.1E+02	c** n n	2.1E+02 8.2E+03 6.6E+03	c** n n	9.1E-01	c	4.0E+00	c	4.1E+00 1.6E+02 1.1E+02	c** n n	5.0E+01	4.0E-03 6.8E-02 6.1E-02	c** n n	2.8E-02
3.0E+01	I			5.0E-03 4.0E-03 3.0E-03	I	V 3.0E-04 3.0E-04	I	V	M		1	1.3E+03 1.4E+03 3.1E+02		Trichloropropane, 1,1,2- Trichloropropane, 1,2,3- Trichloropropene, 1,2,3-	598-77-6 96-18-4 96-19-5	3.9E+02 5.1E-03 7.3E-01	ns c	5.8E+03 1.1E-01	ns c			3.1E-01 n	1.3E+00 n	8.8E+01 7.5E-04 6.2E-01	n c n		3.5E-02 3.2E-07 3.1E-04	n c n	
				2.0E-02 3.0E-03	A I					1	0.1			Tricresyl Phosphate (TCP) Tridiphenyl Triethylamine	1330-78-5 58138-08-2 121-44-8	1.3E+03 1.9E+02 1.2E+02	n	1.6E+04 2.5E+03 4.8E+02	n			7.3E+00 n	3.1E+01 n	1.6E+02 1.8E+01 1.5E+01	n n n		1.5E+01 1.3E-01 4.4E-03	n n n	
				2.0E+00	P					1	0.1			Triethylene Glycol Trifluoroethane, 1,1,1- Trifluralin	112-27-6 420-46-2 1582-09-8	1.3E+05 1.5E+04 9.0E+01	nm ns c**	1.6E+06 6.2E+04 4.2E+02	nm n c*			2.1E+04 n	8.8E+04 n	4.0E+04 4.2E+04 2.6E+00	n n c*		8.8E+00 1.3E+02 8.4E-02	n n c*	
7.7E-03	I			7.5E-03	I					1				Trimethyl Phosphate Trimethylbenzene, 1,2,3- Trimethylbenzene, 1,2,4-	512-56-1 526-73-8 95-63-6	2.7E+01 4.9E+01 5.8E+01	c*	1.1E+02 2.1E+02 2.4E+02	c*			5.2E+00 n	2.2E+01 n	3.9E+00 1.0E+01 1.5E+01	c*		8.6E-04 1.5E-02 2.1E-02	c*	
				1.0E-02 1.0E-02 3.0E-02	X X I	V V				1	0.019	1.8E+02 3.0E+01		Trimethylbenzene, 1,3,5- Trimethylpentene, 2,4,4- Trinitrobenzene, 1,3,5-	108-67-8 25167-70-8 99-35-4	7.8E+02 7.8E+02 2.2E+03	ns ns n	1.2E+04 1.2E+04 3.2E+04	ns ns n					1.2E+02 6.5E+01 5.9E+02	n n n		1.7E-01 2.2E-01 2.1E+00	n n n	
3.0E-02	I			5.0E-04 2.0E-02 2.0E-02	I P A					1	0.032 0.1 0.1			Trinitrotoluene, 2,4,6- Triphenylphosphine Oxide Tris(1,3-Dichloro-2-propyl) Phosphate	116-90-7 791-28-6 13674-87-8	2.1E+01 1.3E+03 1.3E+03	c** n n	9.6E+01 1.6E+04 1.6E+04	c** n n					2.5E+00 3.6E+02 3.6E+02	c** n n		1.5E-02 1.5E+00 8.0E+00	c** n n	
2.3E+00	C	6.6E-04	C	1.0E-02	X					1	0.1			Tris(1-chloro-2-propyl)phosphate Tris(2,3-dibromopropyl)phosphate Tris(2-chloroethyl)phosphate	13674-84-5 126-72-7 115-96-8	6.3E+02 2.8E-01 2.7E+01	n c	8.2E+03 1.3E+00 1.1E+02	n c	4.3E-03	c	1.9E-02	c	1.9E+02 6.8E-03 3.8E+00	n c c*		6.5E-01 1.3E-04 3.8E-03	n c c*	
3.2E-03	P			1.0E-01 8.0E-04 3.0E-03	P P I					1	0.1			Tris(2-ethylhexyl)phosphate Tungsten Uranium (Soluble Salts)	78-42-2 7440-33-7 NA	1.7E+02 6.3E+01 2.3E+02	c*	7.2E+02 9.3E+02 3.5E+03	c n n			4.2E-02	n	1.8E-01 n	6.0E+01 n	3.0E+01	1.2E+02 2.4E+00 2.7E+01	c* n n	1.4E+01
1.0E+00	C	2.9E-04	C	8.3E-03	P					1	0.1			Urethane Vanadium Pentoxide Vanadium and Compounds	51-79-6 1314-62-1 7440-62-2	1.2E-01 4.6E+02 3.9E+02	c c** n	2.3E+00 2.0E+03 5.8E+03	c c** n	3.5E-03 3.4E-04 1.0E-01	c c*	4.2E-02 1.5E-03 4.4E-01	c c*	2.5E-02 1.5E+02 8.6E+01	c n n		5.6E-06 n 8.6E+01	c n n	
				1.0E-03 2.5E-02 1.0E+00	I I H	V V				1	0.1			Vernolate Vinclozolin Vinyl Acetate	1929-77-7 50471-44-8 108-05-4	7.8E+01 1.6E+03 9.1E+02	n n n	1.2E+03 2.1E+04 3.8E+03	n n ns			2.1E+02 n	8.8E+02 n	1.1E+01 4.4E+02 4.1E+02	n n n		8.9E-03 3.4E-01 8.7E-02	n n n	
7.2E-01	I	4.4E-06	I	3.0E-03 3.0E-04	I I	3.0E-03 1.0E-01	I	V	M		1	2.5E+03 3.9E+03		Vinyl Bromide Vinyl Chloride Warfarin	593-60-2 75-01-4 81-81-2	1.2E-01 5.9E-02 1.9E+01	c*	5.2E-01 1.7E+00 2.5E+02	c*	8.8E-02 1.7E-01	c*	3.8E-01 c	3.8E-01 c	1.8E-01 1.9E-02	c* n	2.0E+00	5.1E-05 6.5E-06 5.9E-03	c* c n	6.9E-04
				2.0E-01 2.0E-01 2.0E-01	S S S	1.0E-01 1.0E-01 1.0E-01	S S S	V V V		1		3.9E+02 3.9E+02 4.3E+02		Xylene, p- Xylene, m- Xylene, o-	106-42-3 108-38-3 95-47-6	5.6E+02 5.5E+02 6.5E+02	ns ns ns	2.4E+03 2.4E+03 2.8E+03	ns ns ns	1.0E+02 1.0E+02 1.0E+02	n n n	4.4E+02 4.4E+02 4.4E+02	n n n	1.9E+02 1.9E+02 1.9E+02	n n n		1.9E-01 1.9E-01 1.9E-01	n n n	
				2.0E-01 3.0E-04 3.0E-01	I I I	1.0E-01 V	I	V		1		2.6E+02		Xylenes Zinc Phosphide Zinc and Compounds	1330-20-7 1314-84-7 7440-66-6	5.8E+02 2.3E+01 2.3E+04	ns n n	2.5E+03 3.5E+02 3.5E+05	ns n nm	1.0E+02 n	n	4.4E+02 n	n	1.9E+02 6.0E+00 6.0E+03	n n n	1.0E+04	1.9E-01 n 3.7E+02	n n n	9.9E+00
				5.0E-02 8.0E-05	I X					1	0.1			Zineb Zirconium	12122-67-7 7440-67-7	3.2E+03 6.3E+00	n n	4.1E+04 9.3E+01	n n					9.9E+02 1.6E+00	n n		2.9E+00 4.8E+00	n n	