

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 (ug/m ³ -y)	IUR (ug/m ³ -y)	k _e (mg/kg-day)	RfD _h (mg/kg-day)	k _e (mg/m ³ -y)	RfC (mg/m ³ -y)	k _e (mg/m ³ -y)	Vol	mutagen	GIABS	ABS _g	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)	SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		2.2E-06	I	1.2E-03	O	9.0E-03	I	V		1	0.1	1.1E+05	Acephate	30560-19-1	7.6E+00	n	9.8E+01	n	9.4E-01	n	3.9E+00	n	2.4E+00	n		5.3E-04	n	
				2.0E-02	I	9.0E-03	I	V		1	0.1	1.1E+05	Acetaldehyde	75-07-0	8.2E+00	n	3.4E+01	n	9.4E-01	n	3.9E+00	n	1.9E+00	n		3.8E-04	n	
						9.0E-01	I	V		1	0.1	1.1E+05	Acetochlor	34256-82-1	1.3E+02	n	1.6E+03	n	9.4E-01	n	3.9E+00	n	3.5E+01	n		2.8E-02	n	
						3.1E+01	A	V		1	0.1	1.1E+05	Acetone	67-64-1	6.1E+03	n	6.7E+04	n	3.2E+03	n	1.4E+04	n	1.4E+03	n		2.9E-01	n	
						2.0E-03	X			1	0.1	1.3E+05	Acetone Cyanohydrin	75-86-5	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n	1.4E+03	n		2.9E-01	n	
						6.0E-02	I	V		1	0.1	1.3E+05	Acetonitrile	75-05-8	8.1E+01	n	3.4E+02	n	6.3E+00	n	2.6E+01	n	1.3E+01	n		2.6E-03	n	
	3.8E+00	C	1.3E-03	C	1.0E-01	I	V			1	0.1	2.5E+03	Acetophenone	98-86-2	9.8E+02	n	1.2E+04	ns	2.2E-03	c	9.4E-03	c	1.6E-02	c		5.8E-02	n	
						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		7.5E-05	c	
						1.0E-04	I	V		1	0.1	1.1E+05	Acrylamide	107-02-8	1.4E-02	n	6.0E-02	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		8.4E-07	n	
	5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1	0.1	1.1E+05	Acrylic Acid	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	V		1	0.1	1.1E+05	Acrylonitrile	79-10-7	9.9E+00	n	4.2E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n	
	5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1	0.1	1.1E+04	Adiponitrile	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	0.1	1.1E+05	Aldicarb	111-69-3	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n	1.1E+00	c*	2.0E+00	8.7E-04	c*	1.6E-03
	5.6E-02	C			1.0E-02	I				1	0.1	1.1E+05	Alachlor	15972-60-8	9.7E+00	c**	4.1E+01	c*	6.3E-01	n	2.6E+00	n	2.0E+00	n	2.0E+00	4.9E-04	n	7.5E-04
					1.0E-03	I				1	0.1	1.1E+05	Aldicarb Sulfone	1646-88-4	6.3E+00	n	8.2E+01	n	6.3E-01	n	2.6E+00	n	2.0E+00	n	2.0E+00	4.4E-04	n	4.4E-04
						1.0E-03	I			1	0.1	1.1E+05	Aldicarb sulfoxide	1646-87-3	6.3E+00	n	8.2E+01	n	6.3E-01	n	2.6E+00	n	2.0E+00	n	2.0E+00	4.4E-04	n	4.4E-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*	4.0E+00	1.5E-04	c*	8.8E-04
						1.0E-04	X	V		1	0.1	1.1E+05	Allyl Alcohol	107-18-6	3.5E-01	n	1.5E+00	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		4.2E-06	n	
	2.1E-02	C	6.0E-06	C	1.0E-03	I	V			1	0.1	1.4E+03	Allyl Chloride	107-05-1	1.7E-01	n	6.9E-01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		6.7E-05	n	
						5.0E-03	P			1	0.1	1.4E+03	Aluminum	7429-90-5	7.7E+03	n	1.1E+05	nm	5.2E-01	n	2.2E+00	n	2.0E+03	n		3.0E+03	n	
						4.0E-04	I			1	0.1	1.4E+03	Aluminum Phosphide	20859-73-8	3.1E+00	n	4.7E+01	n	5.2E-01	n	2.2E+00	n	2.0E+03	n		3.0E+03	n	
	2.1E+01	C	6.0E-03	C	9.0E-03	I				1	0.1	1.4E+03	Ametryn	834-12-9	5.7E+01	n	7.4E+02	n	5.2E-01	n	2.2E+00	n	2.0E+03	n		1.6E-02	n	
						8.0E-02	P			1	0.1	1.4E+03	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	
						4.0E-03	X			1	0.1	1.4E+03	Aminophenol, 4-	591-27-5	5.1E+02	n	6.6E+03	n	3.1E-02	n	1.3E-01	n	7.8E-01	n		6.1E-02	n	
						4.0E-03	X			1	0.1	1.4E+03	Aminophenol, m-	95-55-6	2.5E+01	n	3.3E+02	n	3.1E-02	n	1.3E-01	n	7.9E+00	n		3.0E-03	n	
						2.0E-02	P			1	0.1	1.4E+03	Aminophenol, p-	123-30-8	1.3E+02	n	1.6E+03	n	3.1E-02	n	1.3E-01	n	7.9E+00	n		1.5E-02	n	
						2.5E-03	I			1	0.1	1.4E+03	Amtraz	33089-61-1	1.6E+01	n	2.1E+02	n	5.2E+01	n	2.2E+02	n	8.2E-01	n		4.2E-01	n	
						5.0E-01	I	V		1	0.1	1.4E+03	Ammonia	7664-41-7	1.6E+01	n	2.1E+02	n	5.2E+01	n	2.2E+02	n	8.2E-01	n		4.2E-01	n	
						2.0E-03	X			1	0.1	1.4E+03	Ammonium Picrate	131-74-8	1.3E+01	n	1.6E+02	n	5.2E+01	n	2.2E+02	n	8.2E-01	n		1.9E-02	n	
						2.0E-01	I			1	0.1	1.4E+03	Ammonium Sulfamate	7773-06-0	1.6E+03	n	2.3E+04	n	5.2E+01	n	2.2E+02	n	8.2E-01	n		1.9E-02	n	
						3.0E-03	X	V		1	0.1	1.4E+03	Amyl Alcohol, tert-Aniline	75-85-4	8.2E+00	n	3.4E+01	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n	
	5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	0.1	1.4E+03	Anthraquinone, 9,10-Antimony (metallic)	62-53-3	4.4E+01	n	4.0E+02	c**	1.0E-01	n	4.4E-01	n	1.3E+01	c**		4.6E-03	c**	
	4.0E-02	P			2.0E-03	X				1	0.1	1.4E+03	Antimony Pentoxide	84-65-1	1.3E+01	n	5.7E+01	c**	1.0E-01	n	4.4E-01	n	1.3E+01	c**		1.4E-02	c**	
						4.0E-04	I	3.0E-04	A	0.15	0.15	1.4E+03	Antimony Trioxide	7440-36-0	3.1E+00	n	4.7E+01	n	3.1E-02	n	1.3E-01	n	7.8E-01	n	6.0E+00	3.5E-02	n	2.7E-01
						5.0E-04	H			0.15	0.15	1.4E+03	Antimony Trioxide	1314-60-9	3.9E+00	n	5.8E+01	n	3.1E-02	n	1.3E-01	n	7.8E-01	n		3.5E-02	n	
						4.0E-04	H			0.15	0.15	1.4E+03	Antimony Trioxide	1332-81-6	3.1E+00	n	4.7E+01	n	3.1E-02	n	1.3E-01	n	7.8E-01	n		3.5E-02	n	
	1.5E+00	I	4.3E-03	I	3.0E-04	I	2.0E-04	I		1	0.03	1.4E+03	Arsenic, Inorganic	1309-64-4	2.8E+04	n	1.2E+05	nm	2.1E-02	n	8.8E-02	n	5.2E-02	c*	1.0E+01	1.5E-03	c*	2.9E-01
						3.5E-06	C	5.0E-05	I		0.03	1.4E+03	Arsine	7784-42-1	2.7E-02	n	4.1E-01	n	5.2E-03	n	2.2E-02	n	7.0E-03	n		1.5E-03	c*	2.9E-01
						3.8E-02	O			1	0.1	1.4E+03	Asbestos (units in fibers)	1332-21-4	2.7E-02	n	4.1E-01	n	5.2E-03	n	2.2E-02	n	7.0E-03	n	7.0E+06(G)	1.8E-02	n	
						3.8E-02	O			1	0.1	1.4E+03	Asulam	3337-71-1	2.3E+02	n	3.0E+03	n	5.2E-03	n	2.2E-02	n	7.0E-03	n		1.8E-02	n	
	2.3E-01	C			3.5E-02	I				1	0.1	1.4E+03	Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c	1.1E-02	c	4.9E-02	c	7.8E-02	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	1.4E+03	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	c	
						4.0E-04	I			1	0.1	1.4E+03	Avermectin B1	65195-55-3	2.5E+00	n	3.3E+01	n	1.1E-02	c	4.9E-02	c	7.8E-02	c		1.4E-00	n	
	1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A		1	0.1	1.4E+03	Azinphos-methyl	86-50-0	1.9E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	5.6E+00	n		1.7E-03	n	
						1.0E+00	P	7.0E-06	P	1	0.1	1.4E+03	Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	n	1.2E-01	c		9.3E-04	c	
						2.0E-01	I	5.0E-04	H	0.07	0.1	1.4E+03	Azodicarbonamide	123-77-3	8.6E+02	n	4.0E+03	n	7.3									

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SFO (mg/kg-day) ¹	k _e (y ⁻¹)	IUR (ug/m ³ -y) ¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RF _c (mg/m ³ -y)	k _e (y ⁻¹)	Vol	Mutagen	GIABS	ABS _d	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)
				3.0E-04	X			V				3.2E+02	Bromo-4-fluorobenzene, 1-	460-00-4	2.3E+00	n	3.5E+01	n					4.6E-01	n	6.0E+01(G)	4.4E-04	n	
				8.0E-03	I	6.0E-02	I	V			0.1		Bromoacetic acid	79-08-3	2.9E+01	n	1.8E+02	n	6.3E+00	n	2.6E+01	n	6.2E+00	n	6.0E+01(G)	4.2E-03	n	1.2E-02
				4.0E+03	X			V					Bromobenzene	108-86-1	1.5E+01	n	6.3E+01	n	4.2E+00	n	1.8E+01	n	8.3E+00	n	6.0E+01(G)	2.1E-03	n	
6.2E-02	I	3.7E-05	C	2.0E-02	I	4.0E-02	X	V					Bromochloromethane	74-97-5	2.9E+01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(G)	3.6E-05	c	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I			V					Bromodichloromethane	75-27-4	1.9E+01	c**	8.6E+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	5.0E-03	I	V					Bromoform	75-25-2	6.8E-01	n	3.0E+00	n	5.2E-01	n	2.2E+00	n	7.5E-01	n		1.9E-04	n	
				5.0E-03	H			V					Bromomethane	74-83-9	3.9E+01	n	5.8E+02	n					3.5E+00	n		1.5E-02	n	
1.0E-01	O			1.5E-02	O	1.0E-01	A	V			0.1		Bromophos	2104-96-3	2.2E+01	n	9.4E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01	n		6.4E-03	n	
1.0E-01	O			1.5E-02	O			V					Bromopropane, 1-	106-94-5	5.3E+00	c*	2.2E+01	c*					6.1E-01	c*		5.2E-04	c*	
6.0E-01	C	3.0E-05	I	3.0E-02	O	2.0E-03	I	V			0.1		Bromoxynil	1689-84-5	6.7E+00	c*	3.2E+01	c*					2.4E-01	c*		2.1E-03	c*	
				3.0E-02	O			V					Bromoxynil Octanoate	1689-99-2	7.6E-02	c**	3.3E-01	c**	9.4E-02	c**	4.1E-01	c**	7.1E-02	c**		3.9E-05	c**	
				1.0E-01	I			V					Butadiene, 1,3-	106-99-0	1.9E-02	n	2.5E+03	n					4.5E+01	n		4.2E-02	n	
				2.0E+00	P	3.0E+01	P	V					Butadiene, 1,3-dicyano	78-92-2	7.8E+02	n	1.2E+04	ns					2.0E+02	n		4.1E-02	n	
				5.0E-02	I			V					Butanol, N	71-36-3	1.3E+04	n	1.5E+05	nms	3.1E+03	n	1.3E+04	n	2.4E+03	n		5.0E-01	n	
2.0E-04	C	5.7E-08	C	1.0E-01	I			V			0.1		Butyl alcohol, sec-	78-92-2	3.9E+02	n	5.8E+03	n					4.6E+01	n		4.5E-02	n	
3.6E-03	P			3.0E-01	P			V			0.1		Butylate	2008-41-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c	
				5.0E-02	P			V			0.1		Butylated hydroxyanisole	25013-16-5	1.5E+02	c*	6.4E+02	c*					3.4E+00	c*		1.0E-01	c*	
				1.0E-01	X			V					Butylbenzene, n	104-51-8	3.9E+02	ns	5.8E+03	ns					1.0E+02	n		3.2E-01	n	
				1.0E-01	X			V					Butylbenzene, sec-	135-99-8	7.8E+02	ns	1.2E+04	ns					2.0E+02	n		5.9E-01	n	
				1.0E-01	X			V					Butylbenzene, tert-	98-06-6	7.8E+02	ns	1.2E+04	ns					6.9E+01	n		1.6E-01	n	
				2.0E-02	A			V			0.1		Cacodylic Acid	75-60-5	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.1E-02	n	
				1.8E-03	I	1.0E-03	I	1.0E-05	A	0.025	0.001		Cadmium (Diet)	7440-43-9	7.1E+00	n	9.8E+01	n					9.2E-01	n	5.0E+00	6.9E-02	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	3.1E+03	n	4.0E+04	n	2.3E-01	n	9.6E-01	n	9.9E+02	n		2.5E-01	n	
				5.0E-01	I	2.2E-03	C				0.1		Caprolactam	105-60-2	3.6E+00	c**	1.5E+01	c*	6.5E-02	c	2.9E-01	c	4.0E-01	c**		7.1E-04	c**	
1.5E-01	C	4.3E-05	C	2.0E-03	I			V			0.1		Captisol	2425-06-1	2.4E+02	c**	1.0E+03	c*	4.3E+00	c	1.9E+01	c	3.0E-01	c**		2.2E-02	c**	
2.3E-03	C	6.6E-07	C	1.3E-01	I			V			0.1		Captan	133-06-2	6.3E+02	n	8.2E+03	n					1.8E+02	n		1.7E-01	n	
				1.0E-01	I			V			0.1		Carbaryl	63-25-2	3.2E+01	n	4.1E+02	n					9.4E+00	n	4.0E+01	3.7E-03	n	1.6E-02
				5.0E-03	I			V			0.1		Carbofuran	1563-66-2	7.7E+01	n	3.5E+02	n	7.3E+01	n	3.1E+02	n	8.1E+01	n		2.4E-02	n	
				1.0E-01	I	7.0E-01	I	V				7.4E+02	Carbon Disulfide	75-15-0	6.5E-01	c*	2.9E+00	c*	4.7E-01	c*	2.0E+00	c*	4.6E-01	c*		1.8E-04	c*	1.9E-03
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	P	V			0.1		Carbon Tetrachloride	56-23-5	6.7E+00	n	2.8E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01	n	5.0E+00	5.1E-02	n	
				1.0E-02	I			V			0.1		Carbonyl Sulfide	463-58-1	5.5E+01	n	2.8E+02	n					1.5E+00	n		1.2E-01	n	
				1.0E-01	I			V			0.1		Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n					1.9E+02	n		1.0E-01	n	
				1.0E-01	I			V			0.1		Carboxin	5234-68-4	1.3E+05	nm	5.4E+05	nm	9.4E-02	n	3.9E-01	n				4.0E-02	n	
				9.0E-04	I			V			0.1		Ceric oxide	1306-38-3	9.5E+01	n	1.2E+03	n					2.0E+02	n		7.0E-03	n	
				1.0E-01	I			V			0.1		Chloral Hydrate	302-17-0	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.0E-02	n	
				1.5E-02	I			V			0.1		Chloramben	133-90-4	9.5E+01	n	1.2E+03	n					2.9E+01	n		7.0E-03	n	
4.0E-01	H			1.0E-03	I			V			0.1		Chloramines, Organic	E701235	4.3E+00	c	5.7E+00	c					1.8E-01	c	4.0E+03(G)	1.5E-04	c	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V			0.04		Chloranil	118-75-2	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		Chlorodane (technical mixture)	12789-03-6	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		Chlordecone (Kepone)	143-50-0	4.4E+00	n	5.7E+01	n					1.1E+00	n		3.1E-03	n	
				9.0E-02	O			V			0.1		Chlorfenvinphos	470-90-6	5.7E+02	n	7.4E+03	n					1.8E+02	n		6.0E-02	n	
				1.0E-01	I	1.5E-04	A	V				2.8E+03	Chlorimuron, Ethyl-	90982-32-4	1.9E-02	n	3.5E+03	n	1.5E-02	n	6.4E-02	n	3.0E-02	n	4.0E+03(G)	1.5E-05	n	2.0E+00
				3.0E-02	I	2.0E-04	I	V					Chlorine	7782-50-5	2.3E+02	n	3.4E+03	n	2.1E-02	n	8.8E-02	n	4.2E-02	n	8.0E+02(G)	1.0E+03	n	
				3.0E-02	I			V					Chlorine Dioxide	10049-04-4	2.3E+02	n	3.5E+03	n					6.0E+01	n		1.0E+03	n	
				5.0E+01	I			V				1.2E+03	Chlorite (Sodium Salt)	7758-19-2	5.4E+03	ns	2.3E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n		5.2E+00	n	
4.6E-01	H			2.0E-02	H	2.0E-02	I	V			0.1		Chloro-1,1-difluoroethane, 1-	75-68-3	1.0E-02	c	4.4E-02	c	9.4E-03	c	4.1E-02	c	1.9E-02	c		9.8E-06	c	
1.0E-01	P	7.7E-05	C	3.0E-03	X			V			0.1		Chloro-1,3-butadiene, 2-	126-99-8	1.2E+00	c	5.0E+00	c					1.7E-01	c		1.5E-04	c	
2.7E-01	X							V			0.1		Chloro-2-methylamine HCl, 4-	3165-93-3	5.4E+00	c**	2.3E+01	c*	3.6E-02	c	1.6E-01	c	7.0E-01	c**		4.0E-04	c**	
								V			0.1		Chloroacetaldehyde, 2-	95-69-2	2.6E+00	c	1.2E+01	c					2.9E-01	c	6.0E+01(G)	5.8E-05	c	1.2E-02

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 ⁻¹)	IUR (ug/m ³ -y) ⁻¹	k _e (y ⁻¹)	RfD _h (mg/kg-day)	k _e (y ⁻¹)	RfC (mg/m ³ -y)	k _e (y ⁻¹)	Vol	mutagen	GIABS	ABS _s	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)						
5.0E-01	C	8.4E-02	G	1.0E-02	I							0.1	Chlorthal-dimethyl Chlorthiophos	1861-32-1	6.3E+01	n	8.2E-02	n					1.2E+01	n	1.5E-02	n								
				8.0E-04	H									0.1		60238-56-4	5.1E+00	n	6.6E+01	n					2.8E-01	n	7.3E-03	n						
				1.5E+00	I									0.013		16065-83-1	1.2E+04	n	1.8E+05	nm					2.2E+03	n	4.0E+06	n						
				3.0E-03	I	1.0E-04	I				M		0.025	0.013		18540-29-9	3.0E-01	c*	6.3E+00	c*	1.2E-05	c	1.5E-04	c	3.5E-02	c	1.0E+02	6.7E-04	c	1.8E+05				
9.0E-03	P	3.0E-04	P	6.0E-06	P							0.1	Clofentazine	74115-24-5	8.2E+01	n	1.1E+03	n					2.3E+01	n	1.4E+00	n								
													6.2E-04	I					V	M					Cobalt	7440-48-4	2.3E+00	n	3.5E+01	n	3.1E-04	c**	1.4E-03	c**
1.9E+00	H			4.0E-02	H								Copper	7440-50-8	3.1E+02	n	4.7E+03	n	1.6E-03	c	2.0E-02	c	8.0E+01	n	1.3E+03	2.8E+00	n	4.6E+01						
				5.0E-02	I	6.0E-01	C							0.1		108-39-4	3.2E+02	n	4.1E+03	n	6.3E+01	n	2.6E+02	n	9.3E+01	n	7.4E-02	n						
				5.0E-02	I	6.0E-01	C							0.1		95-48-7	3.2E+02	n	4.1E+03	n	6.3E+01	n	2.6E+02	n	9.3E+01	n	7.5E-02	n						
				1.0E-01	A	6.0E-01	C									106-44-5	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.9E+02	n	1.5E-01	n						
				1.0E-01	A	6.0E-01	C									59-50-7	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.9E+02	n	1.7E-01	n						
				1.0E-01	A	6.0E-01	C									1319-77-3	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.5E+02	n	1.3E-01	n						
				1.0E-03	P			V							1.7E+04		123-73-9	3.7E-01	c*	1.7E+00	c*					4.0E-02	c*	8.2E-06	c*					
				1.0E-01	I	4.0E-01	I	V							2.7E+02		98-82-8	1.9E+02	n	9.9E+02	ns	4.2E+01	n	1.8E+02	n	4.5E+01	n	7.4E-02	n					
				2.2E-01	C	6.3E-05	C								0.1		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					
				8.4E-01	H			2.0E-03	H						0.1		Cyanazine	21725-46-2	6.5E-01	c*	2.7E+00	c*					8.8E-02	c*	4.1E-05	c*				
2.0E-02	X			1.0E-03	I								~Calcium Cyanide	592-01-8	7.8E+00	n	1.2E+02	n					2.0E+00	n										
				5.0E-03	I											544-92-3	3.9E+01	n	5.8E+02	n					1.0E+01	n								
				6.0E-04	I	8.0E-04	G	V							9.5E+05		57-12-5	2.3E+00	n	1.5E+01	n	8.3E-02	n	3.5E-01	n	1.5E-01	n	2.0E+02	1.5E-03	n	2.0E+00			
				1.0E-03	I			V								480-19-5	7.8E+00	n	1.2E+02	n					2.0E+00	n								
				9.0E-02	I			V								506-69-3	7.0E+02	n	1.1E+04	n					1.8E+02	n								
				5.0E-02	I			V								506-77-4	3.9E+02	n	5.8E+03	n					1.0E+02	n								
				6.0E-04	I	8.0E-04	I	V							1.0E+07		74-90-8	2.3E+00	n	1.5E+01	n	8.3E-02	n	3.5E-01	n	1.5E-01	n	1.5E-03	n					
				2.0E-03	I			V									151-50-8	1.6E+01	n	2.3E+02	n					4.0E+00	n							
				5.0E-03	I			V					0.04				506-61-6	3.9E+01	n	5.8E+02	n					8.2E+00	n							
				1.0E-01	I			V					0.04				506-64-9	7.8E+02	n	1.2E+04	n					1.8E+02	n							
2.0E-02	X			1.0E-03	I								~Sodium Cyanide	143-33-9	7.8E+00	n	1.2E+02	n					2.0E+00	n			2.0E+02							
				2.0E-04	P											E1790964	1.6E+00	n	2.3E+01	n					4.0E-01	n								
				2.0E-04	X			V								483-56-9	1.6E+00	n	2.3E+01	n					4.0E-01	n								
				5.0E-02	I			V								~Zinc Cyanide	557-21-1	3.9E+02	n	5.8E+03	n					1.0E+02	n							
				2.0E-02	X	6.0E+00	I	V						0.1	1.2E+02		110-82-7	6.5E+02	ns	2.7E+03	ns	6.3E+02	n	2.6E+03	n	1.3E+03	n	1.3E+00	n					
				5.0E-03	P	7.0E-01	P	V							5.1E+03		87-84-3	2.7E+01	c**	1.1E+02	c**					2.8E+00	c*	1.6E-02	c*					
				5.0E-03	P	1.0E+00	X	V							2.8E+02		108-94-1	2.8E+03	n	1.3E+04	ns	7.3E+01	n	3.1E+02	n	1.4E+02	n	3.4E-02	n					
				2.0E-01	I			V							2.9E+05		110-83-8	3.1E+01	n	3.1E+02	ns	1.0E+02	n	4.4E+02	n	7.0E+00	n	4.6E-03	n					
				2.5E-02	I			V						0.1			108-91-8	1.6E+03	n	2.3E+04	ns					3.8E+02	n	1.0E-01	n					
				2.4E-01	I	6.9E-05	C	3.0E-05	X							0.1	Cyfluthrin	88359-37-5	1.6E+02	n	2.1E+03	n					1.2E+01	n			3.1E-00	n		
1.0E-03	O													0.1		68085-85-8	6.3E+00	n	8.2E+01	n					2.0E+00	n	1.4E+00	n						
5.0E-01	O													0.1		66215-27-8	3.2E+03	n	4.1E+04	n					9.9E+02	n	2.5E-01	n						
3.4E-01	I	9.7E-05	C					3.0E-04	X						0.1	DDD, p,p' - (DDD)	72-54-8	1.9E+01	n	2.5E+00	n	4.1E-02	c	1.8E-01	c	6.3E-03	n	1.5E-03	n					
3.4E-01	I	9.7E-05	I					5.0E-04	I					0.03			DDT, 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								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					3.0E-02	I							0.1	Dalapon	75-99-0	1.9E+02	n	2.5E+03	n					6.0E+01	n	2.0E+02	1.2E-02	n	4.1E-02		
								1.5E-01	I									0.1		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		1163-19-5	4.4E+01	n	5.7E+02	n					1.4E+01	n	7.8E+00	n		
								4.0E-05	I									0.1		Demeton	8065-48-3	2.5E-01	n	3.3E+00	n					4.2E-02	n			
				6.1E-02	H	6.0E-01	I							0.1		D(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			V						0.1		Diazinon	333-41-5	4.4E+00	n	5.7E+01	n					1.0E+00	n	6.5E-03	n					
				1.0E-02	X			V								132-65-0	7.8E+01	n	1.2E+03	n					6.5E+00	n	1.2E-01	n						
				2.0E-04	P	6.0E-03	P	2.0E-04	I	V	M				0.1	9.8E+02		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		
				8.4E-02	I	6.0E-04	I	4.0E-04	X							0.1	Dibromoacetic acid	631-64-1	3.1E+00	n	4.7E+01	n					5.3E-01	n	6.0E+01(G)	5.1E-04	n	1.2E-02		
								1.0E-02	I											108-36-1	7.8E+01	n	1.2E+03	n					1.3E+01	n	2.5E-04	n		
1.0E-02	I															Dibromobenzene, 1,3-	106-37-6	8.3E+00	c*	3.9E+01	c*					8.7E-01	c*	1.2E-02	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)	k _e (y)	RfD _a (mg/kg-day)	k _e (y)	RF _c (mg/m ³ -y)	k _e (y)	o ₁ mutagen	GIABS	ABS ₂	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)		
5.0E-04											0.1	Ethion	563-12-2	3.2E+00	n	4.1E+01	n					4.3E-01	n		8.5E-04	n			
1.0E-01	P			6.0E-02	P	V			1			2,4E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.6E+02	n	1.4E+03	n	6.3E+00	n	2.6E+01	n	1.2E+01	n		2.5E-03	n		
9.0E-02	P			2.0E-01	I	V			1			1.1E+05	Ethoxyethanol, 2-	110-80-5	5.2E+02	n	4.7E+03	n	2.1E+01	n	8.8E+01	n	3.4E+01	n		6.8E-03	n		
9.0E-01	I			7.0E-02	P	V			1			1.1E+04	Ethyl Acetate	141-78-6	6.2E+01	n	2.6E+02	n	7.3E+00	n	3.1E+01	n	1.4E+01	n		3.1E-03	n		
5.0E-03	P			8.0E-03	P	V			1			2.5E+03	Ethyl Acrylate	140-88-5	4.7E+00	n	2.1E+01	n	8.3E-01	n	3.5E+00	n	1.4E+00	n		3.2E-04	n		
2.0E-01	I			1.0E+01	I	V			1			2.1E+03	Ethyl Chloride (Chloroethane)	75-30-3	1.4E+03	n	5.7E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		5.9E-01	n		
									1			1.0E+04	Ethyl Ether	60-29-7	1.6E+03	n	2.3E+04	ns					3.9E+02	n		8.8E-02	n		
				3.0E-01	P	V			1			1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+02	n	7.6E+02	n	3.1E+01	n	1.3E+02	n	6.3E+01	n		1.5E-02	n		
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	1		0.1	4.8E+02	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-02	n	8.2E-01	n					8.9E-03	n		2.8E-04	n		
				7.0E-02	P				1		0.1	1.9E+05	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	
				2.0E+00	I	4.0E-01	C		1		0.1	1.9E+05	Ethylene Cyanohydrin	109-78-4	4.4E+02	n	5.7E+03	n					1.4E+02	n		2.8E-02	n		
				9.0E-02	P				1			1.9E+05	Ethylene Diamine	107-15-3	7.0E+02	n	1.1E+04	n					1.8E+02	n		4.1E-02	n		
				2.0E+00	I	4.0E-01	C		1		0.1	1.9E+05	Ethylene Glycol	107-21-1	1.3E+04	n	1.6E+05	nm	4.2E+01	n	1.8E+02	n	4.0E+03	n		8.1E-01	n		
3.1E-01	C	3.0E-03	I	1.0E-01	I	1.6E+00	I		1		0.1	1.2E+05	Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+02	n	8.2E+03	n	1.7E+02	n	7.0E+02	n	2.0E+02	n		4.1E-02	n		
4.5E-02	C	1.3E-05	C	8.0E-05	I	3.0E-02	C	V	M		0.1	1.2E+05	Ethylene Oxide	75-21-8	2.0E-03	c	2.5E-02	c	3.4E-04	c	4.1E-03	c	6.7E-04	c		1.4E-07	c		
6.5E+01	C	1.9E-02	C	8.0E-05	I				1		0.1	1.5E+05	Ethylene Thiourea	96-45-7	5.1E-01	n	6.6E+00	n	2.2E-01	c	9.4E-01	c	1.6E-01	n		3.6E-05	n		
				3.0E+00	I				1		0.1	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		
				2.5E-04	I				1		0.1	1.5E+05	Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+04	n	2.5E+05	nm					5.8E+03	n		1.3E+01	n		
				2.5E-02	I				1		0.1	1.5E+05	Fenamiphos	22224-92-6	1.6E+00	n	2.1E+01	n					4.4E-01	n		4.3E-04	n		
				2.5E-02	I				1		0.1	1.5E+05	Fenpropathrin	39515-41-8	1.6E+02	n	2.1E+03	n					6.4E+00	n		2.9E-01	n		
				2.5E-02	I				1		0.1	1.5E+05	Fenvalerate	51630-58-1	1.6E+02	n	2.1E+03	n					5.0E+01	n		3.2E+01	n		
				1.3E-02	I				1		0.1	1.5E+05	Fluometuron	2164-17-2	8.2E+01	n	1.1E+03	n					2.4E+01	n		1.9E-02	n		
				4.0E-02	C	1.3E-02	C		1			1.5E+05	Fluoride	16984-48-8	3.1E+02	n	4.7E+03	n	1.4E+00	n	5.7E+00	n	8.0E+01	n	4.0E+03	1.2E-01	n	6.0E+02	
				6.0E-02	I	1.3E-02	C		1			1.5E+05	Fluorine (Soluble Fluoride)	7782-41-4	4.7E+02	n	7.0E+03	n	1.4E+00	n	5.7E+00	n	1.2E+02	n	4.0E+03	1.8E+01	n	6.0E+02	
				8.0E-02	I				1		0.1	1.5E+05	Fluridone	59756-60-4	5.1E+02	n	6.6E+03	n					1.4E+02	n		1.6E+01	n		
				4.0E-02	O				1		0.1	1.5E+05	Flurprimidol	56425-91-3	2.5E+02	n	3.3E+03	n					6.9E+01	n		3.1E-01	n		
				2.0E-03	O				1		0.1	1.5E+05	Flusilazole	85509-19-9	1.3E+01	n	1.6E+02	n					3.1E+00	n		5.1E-01	n		
				5.0E-01	O				1		0.1	1.5E+05	Flutolanil	66332-96-5	3.2E+03	n	4.1E+04	n					7.9E+02	n		4.2E+00	n		
				1.0E-02	I				1		0.1	1.5E+05	Fluxinalate	69409-94-5	6.3E+01	n	8.2E+02	n					2.9E+01	n		2.9E-01	n		
				9.0E-02	O				1		0.1	1.5E+05	Folpet	133-07-3	5.7E+02	n	7.4E+03	n					1.6E+02	n		3.9E-02	n		
				2.5E-03	O				1		0.1	1.5E+05	Fomesafen	72178-02-0	1.6E+01	n	2.1E+02	n					4.8E+00	n		1.6E-02	n		
				2.0E-03	I				1		0.1	1.5E+05	Fonofos	944-22-9	1.3E+01	n	1.6E+02	n					2.4E+00	n		4.7E-03	n		
2.1E-02	C	1.3E-05	I	2.0E-01	I	9.8E-03	A	V	1			4.2E+04	Formaldehyde	50-00-0	1.1E+01	c**	5.0E+01	c**	2.2E-01	c**	9.4E-01	c**	3.9E-01	c**		7.8E-05	c**		
				9.0E-01	P	3.0E-04	X	V	1			1.1E+05	Formic Acid	64-18-6	2.9E+00	n	1.2E+01	n	3.1E-02	n	1.3E-01	n	6.3E-02	n		1.3E-05	n		
				2.5E+00	O				1		0.1	1.5E+05	Fosetyl-AL	39148-24-8	1.6E+04	n	2.1E+05	nm					5.0E+03	n		6.6E+01	n		
				1.0E-03	X			V	1			6.2E+03	-Dibenzofuran	132-64-9	7.8E+00	n	1.2E+02	n					7.9E-01	n		1.5E-02	n		
				1.0E-03	I				1			6.2E+03	-Furan	110-00-9	7.8E+00	n	1.2E+02	n					1.9E+00	n		7.3E-04	n		
3.8E+00	H			9.0E-01	I	2.0E+00	I	V	1		0.1	1.7E+05	-Tetrahydrofuran	109-99-9	1.8E+03	n	9.5E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n		7.5E-02	n		
				3.0E-03	I	5.0E-02	H	V	1		0.1	1.0E+04	Furural	98-01-1	2.1E+01	n	2.6E+02	n	5.2E+00	n	2.2E+01	n	2.8E+00	n		3.9E-05	c		
1.5E+00	C	4.3E-04	C	3.0E-03	I	5.0E-02	H	V	1		0.1	1.0E+04	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		
3.0E-02	I	8.6E-06	C	6.0E-03	O				1		0.1	1.0E+04	Furmecycloz	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		
				1.0E-01	A	8.0E-05	C		1		0.1	1.1E+05	Glufosinate, Ammonium	77182-82-2	3.8E+01	n	4.9E+02	n					1.2E+01	n		2.6E-03	n		
				4.0E-04	I	1.0E-03	X	V	1		0.1	1.1E+05	Glutaraldehyde	111-30-8	6.0E+02	n	7.0E+03	n	8.3E-03	n	3.5E-02	n	2.0E+02	n		4.0E-02	n		
				1.0E-01	I				1		0.1	1.1E+05	Glycidaldehyde	765-34-4	2.3E+00	n	2.1E+01	n	1.0E-01	n	4.4E-01	n	1.7E-01	n		3.3E-05	n		
				1.0E-02	X			V	1		0.1	1.1E+05	Glyphosate	1071-83-6	6.3E+02	n	8.2E+03	n					2.0E+02	n		7.0E+02	8.8E-01	n	3.1E+00
				2.0E-02	P				1		0.1	1.1E+05	Guanidate	113-00-8	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.5E-03	n		
				3.0E-02	X				1		0.1	1.1E+05	Guanidine Chloride	50-01-1	1.3E+02	n	1.6E+03	n					4.0E+01	n			n		
				5.0E-05	I				1		0.1	1.1E+05	Guanidine Nitrate	506-93-4	1.9E+02	n	2.5E+03	n					6.0E+01	n		1.5E-02	n		
4.5E+00	I	1.3E-03	I	5.0E-04	I				1		0.1	1.1E+05	Haloxypf, Methyl	69806-40-2	3.2E-01	n	4.1E+00	n					7.6E-02	n		8.4E-04	n		
9.1E+00	I	2.6E-03	I	1.3E-05	I				1																				

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)	k _e (y)	RfD _a (mg/kg-day)	k _e (y)	RF _c (mg/m ³ -y)	k _e (y)	V _o (I)	mutagen	GIABS	ABS _s	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)	SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
				2.5E-02	I							0.1	Hexythiazox	78587-05-0	1.6E+02	n	2.1E+03	n					1.1E+01	n		5.0E-02	n		
				1.7E-02	O						0.1		Hydranmethylnon	67485-29-4	1.1E+02	n	1.4E+03	n					3.4E+01	n		1.2E+04	n		
3.0E+00	I	4.9E-03	I			3.0E-05	P	V				1.1E+05	Hydrazine	302-01-2	3.2E-02	c**	1.4E-01	c**	5.7E-04	c**	2.5E-03	c**	1.1E-03	c**		2.2E-07	c**		
3.0E+00	I	4.9E-03	I										Hydrazine Sulfate	10034-93-2	2.3E-01	c	1.1E+00	c	5.7E-04	c	2.5E-03	c	2.6E-02	c					
						2.0E-02	I	V					Hydrogen Chloride	7647-01-0	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n					
				4.0E-02	C	1.4E-02	C	V					Hydrogen Fluoride	7664-39-3	3.1E+02	n	4.7E+03	n	1.5E+00	n	6.1E+00	n	2.8E+00	n					
6.0E-02	P			4.0E-02	P						0.1		Hydrogen Sulfide	7783-06-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n	4.2E-01	n					
6.1E-02	O												Hydroquinone	123-31-9	9.0E+00	c*	3.8E+01	c*					1.3E+00	c*		8.7E-04	c*		
				2.5E-03	O								Imazalil	35554-44-0	8.9E+00	c**	3.8E+01	c**					9.0E-01	c**		1.5E-02	c**		
				2.5E-01	I								Imazaquin	81335-37-7	1.6E+03	n	2.1E+04	n					4.9E+02	n		2.4E+00	n		
				2.6E+00	O								Imazethapyr	81335-77-5	1.6E+04	n	2.1E+05	nm					4.7E+03	n		4.1E+00	n		
				1.0E-02	A								Iodine	7553-56-2	7.8E+01	n	1.2E+03	n					2.0E+01	n		1.2E+00	n		
				4.0E-02	I						0.1		Iprodione	36734-19-7	2.5E+02	n	3.3E+03	n					7.4E+01	n		2.2E-02	n		
				7.0E-01	P								Iron	7439-89-6	5.5E+03	n	8.2E+04	n					1.4E+03	n		3.5E+01	n		
9.5E-04	I			3.0E-01	I	2.0E+00	C	V				1.0E+04	Isobutyl Alcohol	78-83-1	2.3E+03	n	3.5E+04	ns					5.9E+02	n		1.2E-01	n		
				2.0E-01	I						0.1		Isophorone	78-59-1	5.7E+02	c**	2.4E+03	c**	2.1E+02	n	8.8E+02	n	7.8E-01	c**		2.6E-02	c**		
				1.5E-02	I								Isopropalin	33820-53-0	1.2E+02	n	1.8E+03	n					4.0E+00	n		9.2E-02	n		
				2.0E+00	P	2.0E-01	P	V				1.1E+05	Isopropanol	67-63-0	5.6E+02	n	2.4E+03	n	2.1E+01	n	8.8E+01	n	4.1E+01	n		8.4E-03	n		
				1.0E-01	I						0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.3E-02	n		
				5.0E-02	I						0.1		Isoxaben	82558-50-7	3.2E+02	n	4.1E+03	n					7.3E+01	n		2.0E-01	n		
						3.0E-01	A	V					JP-7	E1737665	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n	6.3E+01	n					
				8.0E-03	O						0.1		Lactofen	77501-63-4	5.1E+01	n	6.8E+02	n					1.0E+01	n		4.6E-01	n		
				2.0E-04	X						0.1		Lactonitrile	78-97-7	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.1E-05	n		
				5.0E-05	P								Lanthanum	7439-91-0	3.9E+01	n	5.8E+00	n					1.0E-01	n					
				2.1E-05	P						0.1		Lanthanum Acetate Hydrate	100587-90-4	1.3E-01	n	1.7E+00	n					4.2E-02	n					
				1.9E-05	P								Lanthanum Chloride Heptahydrate	10025-84-0	1.5E-01	n	2.2E+00	n					3.7E-02	n					
				2.8E-05	P								Lanthanum Chloride, Anhydrous	10098-58-8	2.2E-01	n	3.3E+00	n					5.7E-02	n					
				1.6E-05	P								Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E-01	n	1.9E+00	n					3.2E-02	n					
													Lead Compounds																
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					
2.1E-01	C	8.0E-05	C								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					
													-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	G	1.5E+01	G	1.4E+01
3.8E-02	C	1.1E-05	C								0.1		-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		
				1.0E-07	I			V				2.4E+00	-Tetraethyl Lead	78-00-2	7.9E-04	n	1.2E-02	n					1.3E-04	n		4.7E-07	n		
				5.0E-06	P			V				3.8E+02	Lewisite	541-25-3	3.9E-02	n	5.8E-01	n					9.0E-03	n		3.8E-06	n		
				7.7E-03	O						0.1		Limuron	330-55-2	4.9E+01	n	6.3E-02	n					1.3E+01	n		1.1E-02	n		
				2.0E-03	P								Lithium	7439-93-2	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.2E+00	n		
				5.0E-04	I						0.1		MCPA	94-74-6	3.2E+00	n	4.1E+01	n					7.5E-01	n		2.0E-04	n		
				4.4E-03	O						0.1		MCPB	94-81-5	2.8E+01	n	3.8E+02	n					6.5E+00	n		2.6E-03	n		
				1.0E-03	I						0.1		MCPP	93-65-2	6.3E+00	n	8.2E+01	n					1.6E+00	n		4.7E-04	n		
				2.0E-02	I						0.1		Malathion	121-75-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		1.0E-02	n		
				1.0E-01	I	7.0E-04	C				0.1		Maleic Anhydride	108-31-6	6.3E+02	n	8.0E+03	n	7.3E-02	n	3.1E-01	n	1.9E+02	n		3.8E-02	n		
				5.0E-01	I						0.1		Maleic Hydrate	123-33-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.1E-01	n		
				1.0E-04	P						0.1		Malononitrile	109-77-3	6.3E-01	n	8.2E+00	n					2.0E-01	n		4.1E-05	n		
				3.0E-02	H						0.1		Mancozeb	8018-01-7	1.9E+02	n	2.5E+03	n					5.4E+01	n		7.6E-02	n		
				5.0E-03	I						0.1		Maneb	12427-38-2	3.2E+01	n	4.1E+02	n					9.8E+00	n		1.4E-02	n		
				1.4E-01	I	5.0E-05	I						Manganese (Diet)	7439-96-5															
				2.4E-02	G	5.0E-05	I			0.04			Manganese (Non-diet)	7439-96-5	1.8E+02	n	2.6E+03	n	5.2E-03	n	2.2E-02	n	4.3E+01	n		2.8E+00	n		
				9.0E-05	H						0.1		Meposofan	950-10-7	5.7E-01	n	7.4E+00	n					1.8E-01	n		2.6E-04	n		
				3.0E-02	I						0.1		Mepiquat Chloride	24307-26-4	1.9E+02	n	2.5E+03	n					6.0E+01	n		2.0E-02	n		
1.1E-02	P			4.0E-03	P						0.1		Mercaptobenzothiazole, 2-Mercuro	149-30-4	2.5E+01	n	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+00	n	3.5E+01	n	3.1E-02	n	1.3E-01	n	5.7E-01	n	2.0E+00				
				1.0E-04	I							3.1E+00	-Mercury (elemental)	7439-97-6	1.1E+00	n	4.6E+00	ns	3.1E-02	n	1.3E-01	n	6.3E-02	n	2.0E+00	3.3E-03			

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	ky	IUR (ug/m ³ -day)	ky	RfD _a (mg/kg-day)	ky	RfC (mg/m ³ -day)	ky	Vol	mutagen	GIABS	ABS _d	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)
9.9E-02	C	2.8E-05	C	3.0E-04	X	3.0E+00	I	V		1	0.1	8.9E+03	Methyl methanesulfonate	66-27-3	5.5E+00	c	2.3E+01	c	1.0E-01	c	4.4E-01	c	7.9E-01	c		1.6E-04	c	
1.8E-03	C	2.6E-07	C							1			Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	c*	2.1E+02	c*	1.1E+01	c*	4.7E+01	c*	1.4E+01	c*		3.2E-03	c*	
				3.0E-04	X					1	0.1		Methyl-1,4-benzenediamine dithydrochloride, 2-	615-45-2	1.9E+00	n	2.5E+01	n					6.0E-01	n		3.6E-04	n	
9.0E-03	P			3.0E+00	X	V				1	0.1	2.5E+03	Methyl-2-Pentanol	108-11-2	5.4E+03	ns	2.3E+04	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n		1.4E-01	n	
8.3E+00	C	2.4E-03	C	2.0E-02	X					1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	6.0E+01	c**	2.6E+02	c**					8.2E+00	c**		4.6E-03	c**	
1.3E-01	C	3.7E-05	C							1	0.1		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	6.5E-02	c	2.8E-01	c	1.2E-03	c	5.1E-03	c	9.4E-03	c		3.2E-06	c	
				1.0E-02	A					1	0.1		Methylamine Hydrochloride, 2-	636-21-5	4.2E+00	c	1.8E+01	c	7.6E-02	c	3.3E-01	c	6.0E-01	c		2.6E-04	c	
				2.0E-04	X					1	0.1		Methylarsonic acid	124-58-3	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.8E-03	n	
1.0E-01	X			3.0E-04	X					1	0.1		Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.3E+00	n	1.6E+01	n					6.0E-01	n				
2.2E+01	C	6.3E-03	C						M	1	0.1		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.9E+00	n	2.3E+01	c**					6.0E-01	n				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1		3.3E+03	Methylcholanthrene, 3-	56-49-5	5.5E-03	c	1.0E-01	c	1.6E-04	c	1.9E-03	c	1.1E-03	c	5.0E+00	2.2E-03	c	
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		Methylene Chloride	75-09-2	3.5E+01	n	3.2E+02	n	6.3E+01	n	2.6E+02	n	1.1E+01	c*		2.7E-03	c	
4.6E-02	I	1.3E-05	C							1	0.1		Methylene-bis(2-chloroaniline), 4,4'	101-14-4	1.2E+00	c*	2.3E+01	c**	2.4E-03	c	2.9E-02	c	1.6E-01	c*		1.8E-03	c*	
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	7.0E-01	c*		3.9E-03	c	
				6.0E-04	I					1	0.1		Methylenebisbenzotriamine, 4,4'	101-77-9	3.4E-01	c	1.4E+00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c		2.1E-04	c	
				7.0E-02	H					1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.5E-04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n						
				1.5E-01	I					1	0.1		Methylstyrene, Alpha-	98-83-9	5.5E+02	ns	8.2E+03	ns					7.8E+01	n		1.2E-01	n	
				2.5E-02	I					1	0.1		Metolachlor	51218-45-2	9.5E+02	n	1.2E+04	ns					2.7E+02	n		3.2E-01	n	
				2.5E-01	I					1	0.1		Metribuzin	21087-64-9	1.6E+02	n	2.1E+03	n					4.9E+01	n		1.5E-02	n	
				4.5E-06	X	1.0E-02	X	1.0E-01	P	V		6.9E+00	Metsulfuron-methyl	74223-64-6	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.9E-01	n	
				3.0E+00	P					1			Midrange Aliphatic Hydrocarbon Streams	E1790669	6.5E-01	c*	2.8E+00	c*	6.2E-01	c*	2.7E+00	c*	1.2E+00	c**		1.8E-02	c**	
1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1	3.4E-01	Mineral oils	8012-95-1	2.3E+04	ns	3.5E+05	nms					6.0E+03	n		2.4E-02	n	
				2.0E-04	I					1			Mirex	2385-85-5	3.6E-02	c*	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.9E-04	c		6.3E-04	c	
				2.0E-03	I					1	0.1		Molinate	2212-87-1	1.3E+01	n	1.6E+02	n					3.0E+00	n		1.7E-03	n	
				5.0E-03	I	2.0E-03	A			1			Molybdenum	7439-98-7	3.9E+01	n	5.8E+02	n	2.1E-01	n	8.8E-01	n	1.0E+01	n	4.0E+03(G)	2.0E-01	n	
				1.0E-01	I					1			Monochloramine	10599-90-3	7.8E+02	n	1.2E+04	n					2.0E+02	n		1.4E-03	n	
				2.0E-03	P					1	0.1		Monomethylaniline	100-61-8	1.3E-01	n	1.6E+02	n					3.8E+00	n				
				2.5E-02	I					1	0.1		Myclobutanil	88671-89-0	1.6E+02	n	2.1E+03	n					4.5E+01	n		5.6E-01	n	
				3.0E-04	X					1	0.1		N,N-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+00	n	2.5E+01	n					3.6E-01	n		3.7E-02	n	
				2.0E-03	I					1	0.1		Naled	300-76-5	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.8E-03	n	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V		1	0.1		Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+02	n	3.5E+03	n	1.0E+01	n	4.4E+01	n	1.5E+01	n				
				1.2E-01	O					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	0.1		Napropamide	15299-99-7	7.6E+02	n	9.8E+03	n					2.0E+02	n		1.3E+00	n	
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			1	0.1		Nickel Acetate	373-02-4	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c		1.7E-05	c	
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			1	0.1		Nickel Carbonate	3333-67-3	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	V		1	0.1		Nickel Carbonyl	13463-99-3	7.6E-01	c	3.6E+00	c	1.5E-03	n	6.1E-03	n	2.9E-03	n				
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	1.5E-03	n	6.1E-03	n	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	2.1E-03	n	8.8E-03	n	7.6E-02	c				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04				Nickel Refinery Dust	E715532	7.6E-01	c	3.6E+00	c	1.5E-03	n	6.1E-03	n	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 Sulfate	7440-02-0	1.5E+02	n	2.2E+03	n	9.4E-03	n	3.9E-02	n	3.9E+01	n		2.6E+00	n	
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04				Nickel Subulfide	12035-72-2	1.4E-01	c	1.9E+00	c	1.5E-03	n	6.1E-03	n	4.5E-02	c				
				1.6E+00	I					1	0.1		Nickelocene	4271-28-9	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c				
				1.0E-01	I					1			Nitrate (measured as nitrogen)	14797-55-8	1.3E+04	n	1.9E+05	nm					3.2E+03	n	1.0E+04			
				1.0E-01	I					1			Nitrate + Nitrite (measured as nitrogen)	E701177											1.0E+04			
				1.0E-01	I					1			Nitrite (measured as nitrogen)	14797-65-0	7.8E+02	n	1.2E+04	n					2.0E+02	n		1.0E+03		
2.0E-02	P			1.0E-02	X	5.0E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.3E+01	n	8.0E+02	n	5.2E-03	n	2.2E-02	n	1.9E+01	n		8.0E-03	n	
				4.0E-03	P	6.0E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.5E+01	n	1.1E+02	c**	6.3E-01	n	2.6E+00	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					1	0.1		Nitrocellulose	9004-70-0	1.9E+07	nm	2.5E+08	nm					6.0E+06	n		1.3E-03	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)	k _e (y)	RfD _a (mg/kg-day)	k _e (y)	RF _c (mg/m ³ -y)	k _e (y)	Vol	mutagen	GIABS	ABS _s	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)
7.3E-02	O			2.5E-02	I	0.1							Oxamyl	23135-22-0	1.6E+02	n	2.1E+03	n					5.0E+01	n	2.0E+02	1.1E-02	n	4.4E-02
				3.0E-02	O					1	0.1		Oxyfluorfen	42874-03-3	7.4E+00	c*	3.1E+01	c*					5.4E-01	c*		4.3E-02	c*	
				1.3E-02	I					1	0.1		Paclobutrazol	76738-62-0	8.2E+01	n	1.1E+03	n					2.3E+01	n		4.6E-02	n	
				4.5E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.8E+01	n	3.7E+02	n					9.0E+00	n		1.2E-01	n	
				6.0E-03	H					1	0.1		Parathion	56-38-2	3.8E+01	n	4.9E+02	n					8.6E+00	n		4.3E-02	n	
				5.0E-02	H			V		1			Pebulate	1114-71-2	3.9E+02	n	5.8E+03	n					5.6E+01	n		4.5E-02	n	
				3.0E-01	O					1	0.1		Pendimethalin	40487-42-1	1.9E+03	n	2.5E+04	n					1.4E+02	n		1.6E+00	n	
				2.0E-03	I			V		1		3.1E-01	Pentabromodiphenyl Ether	32534-81-9	1.6E+01	ns	2.3E+02	ns					4.0E+00	n		1.7E-01	n	
				1.0E-04	I					1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5-(BDE-99)	60348-60-9	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.7E-03	n	
				8.0E-04	I			V		1			Pentachlorobenzene	608-93-5	6.3E+00	n	9.3E+01	n					3.2E-01	n		2.4E-03	n	
9.0E-02	P											4.6E+02	Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.5E-01	c		3.1E-04	c	
2.6E-01	H			3.0E-03	I			V		1			Pentachloronitrobenzene	82-68-8	2.7E+00	c**	1.3E+01	c*					1.2E-01	c*		1.5E-03	c*	
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		Pentachlorophenol	87-86-5	1.0E+00	c*	4.0E+00	c*	5.5E-01	c	2.4E+00	c	4.1E-02	c*	1.0E+00	5.7E-05	c*	1.4E-03
4.0E-03	X			2.0E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+01	n	1.6E+02	n					3.9E+00	n		5.8E-03	n	
				1.0E-04	X					1	0.1		Pentamethylphosphoramide (PMPA)	10159-46-3	6.3E-01	n	8.2E+00	n					2.0E-01	n		4.1E-05	n	
				1.0E+00	P	V				1		3.9E+02	Pentane, n-	109-66-0	8.1E+01	n	3.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		1.0E+00	n	
				7.0E-04	I					1			Perchlorates															
				7.0E-04	I					1			-Ammonium Perchlorate	7790-98-9	5.5E+00	n	8.2E+01	n					1.4E+00	n				
				7.0E-04	I					1			-Lithium Perchlorate	7791-03-9	5.5E+00	n	8.2E+01	n					1.4E+00	n				
				7.0E-04	I					1			-Perchlorate and Perchlorate Salts	14797-73-0	5.5E+00	n	8.2E+01	n					1.4E+00	n		1.5E+01(G)		
				7.0E-04	I					1			-Potassium Perchlorate	7778-74-7	5.5E+00	n	8.2E+01	n					1.4E+00	n				
				7.0E-04	I					1			-Sodium Perchlorate	7601-89-0	5.5E+00	n	8.2E+01	n					1.4E+00	n				
				2.0E-02	P					1	0.1		Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.3E-02	n	
				2.0E-02	P					1	0.1		Perfluorobutanesulfonate	45187-15-3	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.3E-02	n	
				5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.4E+01	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	
				2.4E-01	O					1	0.1		Phenmedipham	13684-63-4	1.5E+03	n	2.0E+04	n					3.8E+02	n		2.1E+00	n	
				3.0E-01	I	2.0E-01	C			1	0.1		Phenol	108-95-2	1.9E+03	n	2.5E+04	n	2.1E+01	n	8.8E+01	n	5.8E+02	n		3.3E-01	n	
				4.0E-03	I					1	0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.5E+01	n	3.3E+02	n					7.8E+00	n		2.5E-03	n	
				5.0E-04	X					1	0.1		Phenothiazine	92-84-2	3.2E+00	n	4.1E+01	n					4.3E-01	n		1.4E-03	n	
				2.0E-04	X			V		1		1.3E+02	Phenyl Isothiocyanate	103-72-0	1.6E+00	n	2.3E+01	n					2.6E-01	n		1.7E-04	n	
				6.0E-03	I					1	0.1		Phenylethylamine, m-	108-45-2	3.8E+01	n	4.9E+02	n					1.2E+01	n		3.2E-03	n	
1.2E-01	P			4.0E-03	P					1	0.1		Phenylethylamine, 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		Phenylethylamine, p-	106-50-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		5.4E-04	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+00	n	1.6E+01	n					3.0E-01	n		3.4E-04	n	
				3.0E-04	I	V				1		1.6E+03	Phosgene	75-44-5	3.1E-02	n	1.3E-01	n	3.1E-02	n	1.3E-01	n	6.3E-02	n		1.6E-05	n	
				2.0E-02	I					1	0.1		Phosmet	732-11-6	1.3E+02	n	1.6E+03	n					3.7E+01	n		8.2E-03	n	
				4.9E+01	P					1			Phosphates, Inorganic															
				4.9E+01	P					1			-Aluminum metaphosphate	13776-88-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Ammonium polyphosphate	68333-79-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Calcium pyrophosphate	7790-76-3	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Diammonium phosphate	7783-28-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Dicalcium phosphate	7757-93-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Dimagnesium phosphate	7782-75-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Dipotassium phosphate	7758-11-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Disodium phosphate	7558-79-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Monoaluminum phosphate	13530-50-2	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Monoammonium phosphate	7722-76-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Monocalcium phosphate	7758-23-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Monomagnesium phosphate	7757-96-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Monopotassium phosphate	7778-77-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Monosodium phosphate	7558-80-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				
				4.9E+01	P					1			-Polyphosphoric acid	8017-16-1	3.8E+05	nm	5.7E+											

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)	k _e y	RfD _a (mg/kg-day)	k _e y	RfC (mg/m ³ -y)	k _e y	Vol	mutagen	GIABS	ABS _s	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-01	I		I										-Dibutyl Phthalate	84-74-2	6.3E+02	n	6.6E+03	n					9.0E+01	n		2.3E-01	n		
8.0E-01	I		I										-Diethyl Phthalate	84-66-2	5.1E+03	n	6.6E+04	n					1.5E+03	n		6.1E-01	n		
1.0E-01	I		V										-Dimethylterephthalate	120-61-6	7.8E+02	n	1.2E+04	n					1.9E+02	n		4.9E-02	n		
1.0E-02	P												-Octyl Phthalate, di-N-	117-84-0	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.7E+00	n		
5.0E-01	X												-Phthalic Acid, p-	100-21-0	3.2E+03	n	4.1E+04	n					9.4E+02	n		3.4E-01	n		
2.0E+00				2.0E-02	C								-Phthalic Anhydride	85-44-9	1.3E+04	n	1.6E+05	nm	2.1E+00	n	8.8E+00	n	3.9E+03	n	5.0E+02	8.5E-01	n	1.4E-01	
7.0E-02	I												Picloram	1918-02-1	4.4E+02	n	5.7E+03	n					1.4E+02	n		3.8E-02	n	1.4E-01	
1.0E-04	X												Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E-01	n	8.2E+00	n					2.0E-01	n		1.3E-04	n		
2.0E-03	X												Picric Acid (2,4,6-Trinitrophenol)	88-99-1	1.3E+01	n	1.6E+02	n					4.0E+00	n		1.9E-02	n		
7.0E-05	O												Pirimiphos, Methyl	2923-93-7	4.4E-01	n	5.7E+00	n					8.5E-02	n		8.1E-05	n		
3.0E+01	C	8.6E-03	C	7.0E-06	H								Polychlorinated Biphenyls	36355-01-8	1.8E-02	c**	7.7E-02	c**	3.3E-04	c	1.4E-03	c	2.6E-03	c**					
7.0E-02	G	2.0E-05	G	7.0E-05	I								Polychlorinated Biphenyls (PCBs)																
2.0E+00	G	5.7E-04	G										-Aroclor 1016	12674-11-2	4.1E-01	n	5.1E+00	n	1.4E-01	c	6.1E-01	c	1.4E-01	n		1.3E-02	n		
2.0E+00	G	5.7E-04	G										-Aroclor 1221	11104-28-2	2.0E-01	c	8.3E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c		
2.0E+00	G	5.7E-04	G										-Aroclor 1232	11141-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c		
2.0E+00	G	5.7E-04	G										-Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
2.0E+00	G	5.7E-04	G										-Aroclor 1248	12672-29-6	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
2.0E+00	G	5.7E-04	G	2.0E-05	I								-Aroclor 1254	11087-69-1	1.2E-01	n	9.7E-01	c**	4.9E-03	c	2.1E-02	c	7.8E-03	c**		2.0E-03	c**		
2.0E+00	G	5.7E-04	G										-Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		5.5E-03	c		
				6.0E-04	X								-Aroclor 5460	11126-42-4	3.5E+00	n	4.4E+01	n					1.2E+00	n		2.0E-01	n		
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Hexachlorobiphenyl, 2,3,4,4',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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-09-4	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+00	W	1.1E+00	W	2.3E-08	W	1.3E-06	W	V					-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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Pentachlorobiphenyl, 2',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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Pentachlorobiphenyl, 2,3',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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Pentachlorobiphenyl, 2,3,3',4,4'-(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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					-Pentachlorobiphenyl, 2,3,4,4',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	W	3.8E+00	W	7.0E-09	W	4.0E-07	W	V					-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										-Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c	5.0E-01	5.0E-01	6.8E-03	c	7.8E-02
4.0E-01	I	1.0E-04	I										-Polychlorinated Biphenyls (low risk)	1336-36-3									4.4E-02	c					
7.0E-02	I	2.0E-05	I										-Polychlorinated Biphenyls (lowest risk)	1336-36-3									6.1E-01	c					
1.3E+01	W	3.8E-03	W	7.0E-06	W	4.0E-04	W	V					-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	W	1.1E-02	W	2.3E-06	W	1.3E-04	W	V					-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*		
				6.0E-04	I								Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n							
				6.0E-02	I								Polynuclear Aromatic Hydrocarbons (PAHs)																
				3.0E-01	I								-Acenaphthene	83-32-9	3.6E+02	n	4.5E+03	n					5.3E+01	n		5.5E-01	n		
1.0E-01	E	6.0E-05	E										-Anthracene	120-12-7	1.8E+03	n	2.3E+04	n					1.8E+02	n		5.8E-00	n		
1.2E+00	C	1.1E-04	C										-Benz[a]anthracene	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		
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I	M					-Benz[b]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		
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I	M					-Benz[a]pyrene	50-32-8	1.1E-01	c*	2.1E+00	c*	2.1E-04	n	8.8E-04	n	2.5E-02	c*	2.0E-01	2.9E-02	c*	2.4E-01	
1.0E-01	E	6.0E-05	E										-Benz[b]fluoranthene	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										-Benz[k]fluoranthene	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	8.0E-02	I								-Chloronaphthalene, Beta-	91-58-7	4.8E+02	n	6.0E+03	n					7.5E+01	n		3.9E-01	n		
1.0E+00	E	6.0E-04	E										-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										-Dibenz[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										-Dibenz[a,e]pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6										

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 ⁻¹)	IUR (ug/m ³ -y) ⁻¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RF _c (mg/m ³ -y)	k _e (y ⁻¹)	Vol _o	mutagen	GIABS	ABS _d	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)		
3.0E+00	I			1.0E-03	I	V				1	0.1	5.3E+05	Pyridine	110-86-1	7.8E+00	n	1.2E+02	n					2.0E+00	n		6.8E-04	n			
				5.0E-04									I																	
2.2E-01	C	6.3E-05	C	9.0E-03	I	3.0E+04	A			1	0.1		Quinoxalino[2,3-b]quinoxaline	76578-14-8	5.7E+01	n	7.4E+02	n			3.1E+03	G	1.3E+04	G	1.2E+01	n		1.9E-01	n	
				3.0E-02									I																	
1.2E-01	H			5.0E-02	H		V			1	0.1		Romel	299-84-3	3.9E+02	n	5.8E+03	n							6.7E+00	n		4.2E+00	n	
				4.0E-03									I																	
2.7E-01	H			5.0E-03	I	2.0E-02	C			1	0.1		Selenious Acid	7783-00-8	3.9E+01	n	5.8E+02	n							1.0E+01	n		5.2E-02	n	2.6E-01
				5.0E-03									I																	
1.2E-01	H			1.4E-01	O	3.0E-03	C			1	0.1		Sethoxydim	74051-80-2	8.8E+02	n	1.1E+04	n										1.4E+00	n	
				5.0E-03									I																	
2.7E-01	H			1.3E-02	I					1	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																	
2.4E-02	H			3.0E-02	I	1.3E-02	C			1	0.1		Sodium Diethylthiocarbamate	148-18-5	2.0E+00	c*	8.5E+00	c							2.9E-01	c	4.0E+03	1.8E-04	c	6.0E+02
				2.0E-05									I																	
5.0E-03	C	1.3E-06	C	1.0E-03	I	1.0E+00	I	V		1	0.1	8.7E+02	Styrene	100-42-5	6.0E+02	n	3.5E+03	ns	1.0E+02	n	4.4E+02	n	1.2E+02	n	1.0E+02	1.3E-01	n	1.1E-01		
				3.0E-03									P																	
2.5E-02	I	7.1E-06	I	1.0E-03	P	2.0E-03	X			1	0.1		Sulfonamide	126-33-0	6.3E+00	n	8.2E+01	n	2.1E-01	n	8.8E-01	n	2.0E+00	n		4.4E-04	n			
				8.0E-04									P																	
5.0E-03	C	1.3E-06	C	2.5E-05	H		V			1	0.1	3.1E+01	Terbutyl	13071-79-9	2.0E+01	n	2.9E+00	n							2.4E-02	n		5.2E-05	n	
				1.0E-03									I																	
2.6E-02	I	7.4E-06	I	1.0E-04	I		V			1	0.1	6.8E+02	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1	6.3E-01	n	8.2E+00	n							2.0E-01	n		5.3E-03	n	
				3.0E-04									I																	
1.6E+01	X			6.0E-05	X	V				1	0.1	2.1E+03	Tetrahydrofuran	34014-18-1	4.4E+02	n	5.7E+03	n							1.4E+02	n		3.9E-02	n	
				5.0E-04									I																	
3.9E-02	C	1.1E-05	C	1.0E-04	X		V			1	0.1	8.2E+02	Tetramethylphosphoramide, -N,N,N',N'-(TMPA)	16853-36-4	6.3E-01	n	8.2E+00	n							2.0E-01	n		7.6E-02	n	
				2.0E-03									P																	
1.8E-01	X			1.0E-05	X		V			1	0.1		Thallium (I) Nitrate	10102-45-1	7.9E-02	n	1.2E+00	n							2.0E-02	n		1.4E-03	n	1.4E-01
				1.0E-05									X																	
3.9E-02	C	1.1E-05	C	1.0E-05	X		V			1	0.1		Thallium Chloride	7791-12-0	7.9E-02	n	1.2E+00	n							2.0E-02	n		8.3E-06	n	
				1.0E-05									G																	
1.2E-02	O			7.0E-02	H		V			1	0.1		Thiobenzene	79277-27-3	2.7E+02	n	3.5E+03	n							8.6E+01	n		2.6E-02	n	
				3.0E-04									X																	
3.0E-02	P			1.5E-02	O		V			1	0.1		Thiram	137-26-8	9.5E+01	n	1.2E+03	n							6.7E+00	c**		5.7E-03	c**	
				6.0E-01									H																	
1.8E-01	X			1.0E-04	X	A	V			1	0.1		Titanium Tetrachloride	108-88-3	4.9E+02	n	4.7E+03	ns	5.2E+02	n	2.2E+03	n	1.1E+02	n	1.0E+03	7.6E-02	n	6.9E-01		
				2.0E-04									X																	
1.6E-02	P	5.1E-05	C	1.0E-02	I		V			1	0.1		Toluene-2,4-dithiocyanate	584-84-9	6.4E-01	n	2.7E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n		2.5E-05	n			
				3.0E-04									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,6-dithiocyanate	95-70-5	1.3E+00	n	1.3E+01	c**							4.0E-01	n		1.2E-04	n	
				7.0E-02									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,4-dithiocyanate	584-84-9	6.4E-01	n	2.7E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n		2.5E-05	n			
				3.0E-04									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,6-dithiocyanate	95-70-5	1.3E+00	n	1.3E+01	c**							4.0E-01	n		1.2E-04	n	
				7.0E-02									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,4-dithiocyanate	584-84-9	6.4E-01	n	2.7E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n		2.5E-05	n			
				3.0E-04									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,6-dithiocyanate	95-70-5	1.3E+00	n	1.3E+01	c**							4.0E-01	n		1.2E-04	n	
				7.0E-02									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,4-dithiocyanate	584-84-9	6.4E-01	n	2.7E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n		2.5E-05	n			
				3.0E-04									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,6-dithiocyanate	95-70-5	1.3E+00	n	1.3E+01	c**							4.0E-01	n		1.2E-04	n	
				7.0E-02									X																	
3.0E-02	P			1.0E-02	I		V			1	0.1		Toluene-2,4-dithiocyanate	5																

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 _a (mg/kg-day)	k e y	RF (mg/m ³ -y)	k e y	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)	
				6.0E-01	P	V						1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	5.2E+01	n	2.2E+02	ns	6.3E+01	n	2.6E+02	n	1.3E+02	n		8.8E-01	n		
				1.0E-02	X	1.0E-01	P	V				6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	9.6E+00	ns	4.4E+01	ns	1.0E+01	n	4.4E+01	n	1.0E+01	n		1.5E-01	n		
				4.0E-02	P					0.13			Total Petroleum Hydrocarbons (Aromatic High)	E1790676	2.4E+02	n	3.0E+03	n								8.9E+00	n		
				4.0E-03	P	3.0E-02	P	V				1.8E+03	Total Petroleum Hydrocarbons (Aromatic Low)	E1790672	8.2E+00	n	4.2E+01	n	3.1E+00	n	1.3E+01	n	5.3E+00	n		1.7E-03	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+00	n	5.6E+01	n	3.1E-01	n	1.3E+00	n	3.5E-01	n	3.0E+00	2.3E-03	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**		1.1E-02	c**	4.6E-01	
				3.0E-05	X							0.1	Toxaphene, Weathered	E1841606	1.9E-01	n	2.5E+00	n								9.3E-03	n		
				7.5E-03								0.1	Tralometrin	6884-25-6	4.7E+01	n	6.2E+02	n								5.8E+00	n		
				3.0E-04	A			V					Tri-n-butyltin	688-73-3	2.3E+00	n	3.5E+01	n								8.2E-03	n		
				8.0E+01	X							0.1	Triacetin	102-76-1	5.1E+05	nm	6.6E+06	nm								4.5E+01	n		
7.2E-02	O			3.4E-02	O							0.1	Triadimefop	43121-43-3	2.1E+02	n	2.8E+03	n								5.0E-02	n		
				2.5E-02	O			V					Triallate	2303-17-5	9.7E+00	c*	4.6E+01	c*								1.0E-03	c*		
				1.0E-02	I							0.1	Trisulfuron	82097-50-5	6.3E+01	n	8.2E+02	n								2.1E-02	n		
				8.0E-03								0.1	Tribenuron-methyl	101200-48-0	5.1E+01	n	6.6E+02	n								6.1E-03	n		
				5.0E-03	I			V					Tribromobenzene, 1,2,4-	615-54-3	3.9E+01	n	5.9E+02	n								6.4E-03	n		
				9.0E-03	X							0.1	Tribromophenol, 2,4,6-	118-79-6	5.7E+01	n	7.4E+02	n								2.2E-02	n		
9.0E-03	P			1.0E-04	O							0.1	Tribufos	78-48-8	6.3E-01	n	8.2E+00	n								2.8E-02	n		
				1.0E-02	P							0.1	Tributyl Phosphate	126-73-8	6.0E+01	c**	2.6E+02	c**								5.2E+00	c**		
				3.0E-04	P							0.1	Tributyltin Compounds	E1790678	1.9E+00	n	2.5E+01	n								6.0E-01	n		
				3.0E-04	I							0.1	Tributyltin Oxide	56-35-9	1.9E+00	n	2.5E+01	n								5.7E-01	n		
				3.0E+01	I	5.0E+00	P	V				9.1E+02	Trichloramine	10025-85-1											4.0E+03(G)	2.9E+01	n		
7.0E-02	I			2.0E-02	I						0.1		Trichloro-1,1,2,2-trifluoroethane, 1,1,2-	76-13-1	6.7E+02	n	2.8E+03	ns	5.2E+02	n	2.2E+03	n	1.0E+03	n	4.0E+03(G)	2.6E+00	n		
2.9E-02	H			3.0E-05	X						0.1		Trichloroacetic Acid	76-03-9	7.8E+00	c*	3.3E+01	c*							6.0E+01(G)	2.2E-04	c*	1.2E-02	
7.0E-03	X			3.0E-05	X						0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.9E+01	n	2.7E+01	c								7.4E-03	c		
				8.0E-04	X			V					Trichloroaniline, 2,4,6-	634-93-5	1.9E-01	n	2.5E+00	n								3.6E-04	n		
2.9E-02	P			1.0E-02	I	2.0E-03	P	V				4.0E+02	Trichlorobenzene, 1,2,3-	87-61-6	6.3E+00	n	9.3E+01	n								7.0E+01	1.2E-03	n	2.0E-01
				2.0E+00	I	5.0E+00	I	V				6.4E+02	Trichlorobenzene, 1,2,4-	120-82-1	5.8E+00	n	2.6E+01	n	2.1E-01	n	8.8E-01	n	4.0E-01	n	2.0E+02	2.8E-01	n	7.0E-02	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V				2.2E+03	Trichloroethane, 1,1,1-	71-55-6	8.1E+02	ns	3.6E+03	ns	5.2E+02	n	2.2E+03	n	8.0E+02	n		5.0E+00	1.3E-05	n	1.8E-03
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M			6.9E+02	Trichloroethane, 1,1,2-	79-00-5	1.5E-01	n	6.3E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n	5.0E+00	1.0E-04	n	1.8E-03	
				3.0E-01	I			V				1.2E+03	Trichloroethylene	79-01-6	4.1E-01	n	1.9E+00	n	2.1E-01	n	8.8E-01	n	2.8E-01	n		3.3E-01	n		
				1.0E-01	I							0.1	Trichlorofluoromethane	75-69-4	2.3E+03	ns	3.5E+04	ns								2.5E+02	n		
1.1E-02	I	3.1E-06	I	1.0E-03	P							0.1	Trichlorophenol, 2,4,5-	95-95-4	6.3E+02	n	8.2E+03	n								4.0E-01	n		
				1.0E-03	P							0.1	Trichlorophenol, 2,4,6-	88-06-2	6.3E+00	n	8.2E+01	n	9.1E-01	c	4.0E+00	c	1.2E+00	n		1.2E-03	n		
				1.0E-02	I							0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+01	n	8.2E+02	n								6.8E-03	n		
3.0E+01	I			8.0E-03	I							0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+01	n	6.6E+02	n							5.0E+01	6.1E-03	n	2.8E-02	
				5.0E-03	I			V				1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+01	n	5.8E+02	n								3.5E-03	n		
				4.0E-03	I	3.0E-04	I	V	M			1.4E+03	Trichloropropane, 1,1,2,	96-18-4	5.1E+03	c*	1.1E-01	c*	3.1E-02	n	1.3E-01	n	7.5E-04	c*		3.2E-07	c*		
				3.0E-03	X	3.0E-04	P	V				3.1E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-02	n	3.1E-01	c*	3.1E-02	n	1.3E-01	n	6.2E-02	c*		3.1E-05	n		
				2.0E-02	A							0.1	Tricresyl Phosphate (TCP)	1330-78-5	1.3E+02	n	1.6E+03	n								1.6E+01	n		
				3.0E-03	I							0.1	Triphenyl Phosphate (TCP)	58138-08-2	1.9E+01	n	2.5E+02	n								1.8E+00	n		
				2.0E+00	P	7.0E-03	I	V				2.8E+04	Triethylamine	121-44-8	1.2E+01	n	4.8E+01	n	7.3E-01	n	3.1E+00	n	1.5E+00	n		4.4E-04	n		
				1.0E-02	P	2.0E+01	P	V				4.8E+03	Triethylene Glycol	112-27-6	1.3E+04	n	1.6E+05	nm								8.8E-01	n		
7.7E-03	I			7.5E-03	I							0.1	Trifluoroethane, 1,1,1-	420-46-2	1.5E+03	n	6.2E+03	ns	2.1E+03	n	8.8E+03	n	4.0E+03	n		1.3E+01	n		
2.0E-02	P			1.0E-02	P							0.1	Trifurallin	1582-09-8	5.9E+01	n	4.2E+02	c**								2.6E+00	c**		
				1.0E-02	I							0.1	Trimethyl Phosphate	512-56-1	2.7E+01	c**	1.1E+02	c**								3.9E+00	c**		
				1.0E-02	I	6.0E-02	I	V				2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+01	n	2.0E+02	n	6.3E+00	n	2.6E+01	n	5.5E+00	n		8.1E-03	n		
				1.0E-02	I	6.0E-02	I	V				2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	3.0E+01	n	1.8E+02	n	6.3E+00	n	2.6E+01	n	5.6E+00	n		8.1E-03	n		
				1.0E-02	I	6.0E-02	I	V				1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+01	n	1.5E+02	n	6.3E+00	n	2.6E+01	n	6.0E+00	n		8.7E-03	n		
				1.0E-02	X							3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+01	ns	1.2E+03	ns								3.8E+00	n		
3.0E-02	I			3.0E-02	I				0.019				Tinitrobenzene, 1,3,5-	99-35-4	2.2E+02	n	3.2E+03	n								5.9E+01	n		
				5.0E-04	I				0.032				Tinitrotoluene, 2,4,6																