

Toxicity and Chemical-specific Information															Contaminant										Screening Levels										Protection of Groundwater 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	l o w d o s e	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)									
1.0E-01	I	4.0E-06	I	3.0E-03	I	2.0E-02	I	V		1	0.1	1.6E+03	Dichloropropanol, 2,3- Dichloropropene, 1,3-	616-23-9 542-75-6	1.9E+02 1.8E+00	n c*	2.5E+03 8.2E+00	n c*	7.0E-01	c*	3.1E+00	c*	5.9E+01	n		1.3E-02	n	1.7E-04	c*								
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		Dichlorvos Dicrotophos	62-73-7 141-66-2	1.9E+00 1.9E+00	c*	7.9E+00 2.5E+01	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*		8.1E-05	c*										
1.6E+01	I	4.6E-03	I	3.0E-05	O	3.0E-04	X	V		1	0.1	2.6E+02	Dicyclopentadiene Dieldrin	77-73-6 60-57-1	1.3E+00 3.4E-02	n c*	5.4E+00 1.4E-01	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		2.2E-03	n	7.1E-05	c								
		3.0E-04	C	5.0E-03	I	2.0E-04	P			1	0.1		Diesel Engine Exhaust Diethanolamine	E17138615 111-42-2	1.3E+02 1.9E+03	n n	1.6E+03 2.4E+04	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		8.1E-03	n	1.3E-01	n								
				3.0E-02	P	1.0E-04	P			1	0.1		Diethylene Glycol Monobutyl Ether Diethylene Glycol Monoethyl Ether	112-34-5 111-90-0	1.9E+03 3.8E+03	n n	4.2E+04 4.8E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n		1.3E-01	n										
3.5E+02	C	1.0E-01	C	1.0E-03	P	3.0E-04	P	V		1	0.1	1.1E+05	Diethylformamide Diethylstilbestrol	617-84-5 56-53-1	7.8E+01 1.6E-03	n c	1.2E+03 6.6E-03	n	3.1E-01	n	1.3E+00	n	1.2E+03	n		2.4E-01	n	4.1E-03	n								
				8.3E-02	O					1	0.1		Difenzquat Diflubenzuron	43222-48-6 35367-38-5	5.2E+03 1.3E+03	n n	6.8E+04 1.6E+04	n	6.8E+04	n	1.7E+03	n	2.9E+02	n		2.6E+02	n	3.3E-01	n								
				2.0E-02	I					1	0.1		Difluoroethane, 1,1- Difluoropropane, 2,2- Dihydrosofrole	75-37-6 420-45-1 94-58-6	4.8E+04 2.4E+04 9.9E+00	ns ns c	2.0E+05 1.0E+05 4.5E+01	nms ns c	4.2E+04	n	1.8E+05	n	3.3E+04	n		1.4E+02	n	1.9E-04	c								
4.4E-02	C	1.3E-05	C	8.0E-02	I	7.0E-01	P	V		1	0.1	2.3E+03	Diisopropyl Ether Diisopropyl Methylphosphonate	108-20-3 1445-75-6	2.2E+03 6.3E+03	n ns	9.4E+03 9.3E+04	n	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	n	4.5E-01	n								
				2.2E-02	O					1	0.1		Dimethipin Dimethoate	55290-64-7 60-51-5	1.4E+03 1.4E+02	n n	1.8E+04 1.8E+03	n		n		n	4.4E+02	n		9.6E-02	n	9.9E-03	n								
1.6E+00	P	1.4E-01	C	6.0E-02	P					1	0.1		Dimethoxybenzidine, 3,3'- Dimethyl methylphosphonate Dimethylamino azobenzene [p-]	119-90-4 756-79-6 60-11-7	3.3E-01 3.2E+02 1.2E-01	c c*	1.4E+00 4.1E+03 5.0E-01	c	2.0E-05	c	8.8E-05	c	4.7E-02	c		5.8E-05	c	9.6E+01	c*								
4.6E+00	C	1.3E-03	C							1	0.1		Dimethylamine HCl, 2,4- Dimethylaniline, 2,4- Dimethylaniline, N,N-	21436-96-4 95-68-1 121-69-7	9.4E-01 2.7E+00 2.6E+01	c c** c*	4.0E+00 1.1E+01 1.2E+02	c	2.2E-03	c	9.4E-03	c	5.0E-03	c		1.2E-04	c	2.1E-04	c								
5.8E-01	H			2.0E-03	X					1	0.1	8.3E+02	Dimethylbenzidine, 3,3'- Dimethylformamide Dimethylhydrazine, 1,1-	119-93-7 68-12-2 57-14-7	4.9E-02 2.6E+03 5.7E-02	c n n	2.1E-01 1.5E+04 2.4E-01	c	3.1E+01	n	1.3E+02	n	6.1E+01	n	4.2E-03	n		4.3E-05	c	1.2E-02	n						
2.0E-01	P			1.0E-01	P	3.0E-02	I	V		1	0.1	1.1E+05	Dimethylphenol, 2,4- Dimethylphenol, 2,6- Dimethylphenol, 3,4- Dimethylvinylchloride	540-73-8 105-67-9 576-26-1 95-65-8	8.8E-04 1.3E+03 3.8E+01 6.3E+01	c n n n	4.1E-03 1.6E+04 4.9E+02 8.2E+02	c	1.8E-05	c	7.7E-05	c	2.8E-05	c	3.6E+02	n	1.1E+01	n		6.5E-09	c	4.2E-01	n				
2.7E-02	P			1.0E-03	I					1	0.1	4.7E+02	Dinitro-o-cresol, 4,6- Dinitro-o-cyclohexyl Phenol, 4,6- Dinitroaniline, 3,5- Dinitrobenzene, 1,2- Dinitrobenzene, 1,3- Dinitrobenzene, 1,4- Dinitrophenol, 2,4-	534-52-1 131-89-5 618-87-1 528-29-0 99-65-0 100-25-4 51-28-5	5.1E+00 1.3E+02 2.5E+01 6.3E+00 6.3E+00 6.3E+00 1.3E+02	n n n n n n n	6.6E+01 1.6E+03 3.3E+02 8.2E+01 8.2E+01 8.2E+01 1.6E+03	n	2.1E+00	n	8.8E+00	n	7.7E+00	n	1.9E+00	n		1.5E+00	n	3.9E+01	n	4.4E-02	n				
6.8E-01	I			2.0E-03	I					1	0.1		Dinitrotoluene Mixture, 2,4/2,6- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Dinitrotoluene, 2-Amino-4,6- Dinitrotoluene, 4-Amino-2,6- Dinitrotoluene, Technical grade	E1615210 121-14-2 606-20-2 35572-78-2 19406-51-0 25321-14-6	8.0E-01 1.7E+00 3.6E-01 7.7E+00 7.7E+00 1.2E+00	c c* c n n c*	3.4E+00 7.4E+00 1.5E+00 1.1E+02 1.1E+02 5.1E+00	c	3.2E-02	c	1.4E-01	c	2.4E-01	c	1.9E+00	n	1.9E+00	n	1.0E-01	n		1.5E-04	c	3.2E-04	c		
1.5E+00	P			1.0E-04	X	2.0E-03	X			1	0.099		Dinitrotoluene, 2,6- Dinoseb Dioxane, 1,4- Dioxins	606-20-2 88-85-7 123-91-1	3.6E-01 6.3E+01 5.3E+00	c n c	1.5E+00 8.2E+02 2.4E+01	c	3.2E-02	c	2.5E+00	c*	4.9E-02	c	1.5E+01	n	7.0E+00	1.4E-04	c	9.4E-05	c						
3.1E-01	C	8.9E-05	C	1.0E-04	X	2.0E-03	X			1	0.1	1.2E+05	~Hexachlorodibenzo-p-dioxin, Mixture ~TCDD, 2,3,7,8- Diphenamid	34465-46-8 1746-01-6 957-51-7	1.0E-04 4.8E-06 1.9E+03	c c*	4.7E-04 2.2E-05 2.5E+04	c	2.2E-06	c	9.4E-06	c	3.2E-07	c	1.3E-05	c	3.0E-05	1.7E-05	c	5.9E-08	c						
1.3E+05	C	3.8E+01	C	3.0E-02	I	4.0E-08	C	V		1	0.03		Diphenyl Ether Diphenyl Sulfone Diphenylamine	101-84-8 127-63-9 122-39-4	3.4E+01 5.1E+01 6.3E+03	n n n	1.4E+02 6.6E+02 8.2E+04	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		5.2E+00	n	3.4E-03	n	3.6E-02	n						
8.0E-01	I	2.2E-04	I	1.0E-01	O	4.0E-04	X	V		1	0.1		Diphenylhydrazine, 1,2- Diquat Direct Black 38	122-66-7 2764-72-9 1937-37-7	6.8E-01 1.4E+02 7.3E-02	c n c	2.9E+00 1.8E+03 3.1E-01	c	1.3E-02	c	5.6E-02	c	7.8E-02	c	4.0E+01	n		2.5E-04	c	3.3E-01	n						
7.4E+00	C	2.1E-03	C	2.2E-03	I					1	0.1		Direct Blue 6 Direct Brown 95 Disulfoton	1937-37-7 2602-46-2 16071-86-6 298-04-4	7.3E-02 7.3E-02 8.1E-02 2.5E+00	c c c n	3.1E-01 3.1E-01 3.4E-01 3.3E+01	c	1.3E-03	c	5.8E-03	c	1.1E-02	c	1.1E-02	c		1.7E+01	c	1.6E-01	c						
6.7E+00	C	1.9E-03	C	4.0E-05	I					1	0.1		Dithiane, 1,4- Diuron Diodine	505-29-3 330-54-1 2439-10-3	7.8E+02 1.3E+02 1.3E+03	n n n	1.2E+04 1.6E+03 1.6E+04	n		n		n	2.0E+02	n	3.6E+01	n		9.4E-04	n	2.0E+02	n						
				5.0E-02	O					1	0.1		EPTC Endosulfan Endosulfan Sulfate	759-94-4 115-29-7 1031-07-8	3.9E+03 4.7E+02 3.8E+02	n n n	5.8E+04 7.0E+03 4.9E+03	n		n		n	7.5E+02	n	1.0E+02	n		4.0E-01	n	1.4E+00	n						
				6.0E-03	I					1	0.1		Endothall Endrin Epichlorohydrin	145-73-3 72-20-8 106-89-8	1.3E+03 1.9E+01 1.9E+01	n n n	1.6E+04 2.5E+02 8.2E+01	n	1.0E+00	n	4.4E+00	n	2.3E+00	n	2.0E+00	n		1.0E+02	n	9.1E-02	n						
9.9E-03	I	1.2E-06	I	3.0E-04	P	1.0E-03	I	V		1	0.1	1.1E+04	Epoxybutane, 1,2- Ethanol, 2-(2-methoxyethoxy)- Ethephon	106-88-7 111-77-3 16672-87-0	1.6E+02 2.5E+03 3.2E+02	n n n	6.7E+02 3.3E+04 4.1E+03	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		2.0E+00	n	9.2E-03	n	3.5E-01	n						
				5.0E-04	I					1	0.1	1.5E+04	Ethion Ethoxethanol Acetate, 2- Ethoxethanol, 2-	563-12-2 111-15-9 110-80-5	3.2E+01 2.6E+03 2.6E+03	n n n	4.1E+02 1.4E+04 1.5E+04	n		n	6.3E+01	n	2.6E+02	n	1.2E+02	n		8.5E-03	n	2.5E-02	n						
				2.0E-02	I					1	0.1																										

Toxicity and Chemical-specific Information													Contaminant										Screening Levels										Protection of Groundwater 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	l _v y	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)							
		7.0E-01	P	7.0E-02	P	V				1		1.1E+04	Ethyl Acetate	141-78-6	6.2E+02	n	2.6E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n		3.1E-02	n								
		5.0E-03	P	8.0E-03	P	V				1		2.5E+03	Ethyl Acrylate	44-88-5	4.7E+01	n	2.1E+02	n	8.3E+00	n	3.5E+01	n	1.4E+01	n		3.2E-03	n								
		4.0E+00	P	4.0E+00	P	V				1		2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	5.4E+03	ns	2.3E+04	ns	4.2E+03	n	1.8E+04	n	8.3E+03	n		2.4E+00	n								
		2.0E-01	I							1		1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.3E+05	nms					3.9E+03	n		8.8E-01	n								
		1.1E+03	I	3.0E-01	P	V				1		1.1E+03	Ethyl Methacrylate	97-83-2	1.8E+03	ns	7.6E+03	ns	3.1E+02	n	1.3E+03	n	3.9E+02	n		1.5E-01	n								
	8.0E-08	I	1.0E+00	I	4.0E+01	I	V			1		2.9E+03	Ethyl Tertiary Butyl Ether (ETBE)	637-92-3	1.3E+02	c	5.6E+02	c	3.5E+01	c	1.5E+02	c	7.0E+01	c		1.7E-02	c								
		1.0E-05	I							1	0.1		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	5.0E-02	P	1.0E+00	I	V		1	4.8E+02	Ethylbenzene	100-114-4	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	A							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								
		8.0E-01	P	4.0E-01	C					1	0.1		Ethylene Glycol	107-21-1	5.1E+04	n	6.6E+05	nm	4.2E+02	n	1.8E+03	n	1.6E+04	n		3.2E+00	n								
		1.0E-01	I	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								
	3.1E-01	C	3.0E-03	I						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								
	4.5E-02	C	1.3E-05	C	8.0E-05	I				1	0.1		Ethylene Thiourea	96-45-7	5.1E+00	n	5.1E+01	c**	2.2E-01	c	9.4E-01	c	1.6E+00	c		3.6E-04	c								
	6.5E+01	C	1.9E-02	C						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		Fenamiphos	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					1			Fluoride	16984-48-8	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	8.0E+02	n	4.0E+03	1.2E+02	n	6.0E+02							
		6.0E-02	I	1.3E-02	C					1			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								
		4.0E-02	O							1	0.1		Flurprimidol	56425-91-3	2.5E+03	n	3.3E+04	n					6.9E+02	n		3.1E+00	n								
		2.0E-03	O							1	0.1		Flusilazole	85509-19-9	1.3E+02	n	1.6E+03	n					3.1E+01	n		5.1E+00	n								
		5.0E-01	O							1	0.1		Flutolanil	66332-96-5	3.2E+04	n	4.1E+05	nm					7.9E+03	n		4.2E+01	n								
		1.0E-02	I							1	0.1		Fluvalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.9E+02	n		2.9E+02	n								
		9.0E-02	O							1	0.1		Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n		3.9E-01	n								
		1.0E-02	O							1	0.1		Fomesafen	72178-02-0	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.3E-01	n								
		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								
	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+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n								
		2.5E+00	O							1	0.1		Fosetyl-AL	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n		6.6E+02	n								
		1.0E-03	X							1			Furans	132-64-9	7.8E+01	n	1.2E+03	n					7.9E+00	n		1.5E-01	n								
		1.0E-03	I							1		6.2E+03	~Furan	110-00-9	7.8E+01	n	1.2E+03	n					1.9E+01	n		7.3E-03	n								
	3.8E+00	H	9.0E-01	I	2.0E+00	I	V			1	0.1	1.7E+05	~Tetrahydrofuran	109-99-9	1.8E+04	n	9.5E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n								
		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								
	3.0E-02	C	8.6E-06	C						1	0.1		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								
		6.0E-03	O							1	0.1		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		Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		2.6E-02	n								
		4.0E-04	I	1.0E-03	X	V				1	0.1	1.1E+05	Glutaraldehyde	111-30-8	6.0E+03	n	7.0E+04	n	8.3E-02	n	3.5E-01	n	2.0E+03	n		4.0E-01	n								
		1.0E-01	I							1	0.1		Glycidaldehyde	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n								
		1.0E-02	X							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							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											
		3.0E-02	X							1	0.1		Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n											
		5.0E-05	I							1	0.1		Haloxyp, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n								
	9.1E+00	I	1.3E-03	I	1.0E-04	A	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							
		1.3E-05	I							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							
		3.0E-04	X	3.0E-03	X	V				1		2.1E+02	Heptanal, n																						

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

Toxicity and Chemical-specific Information											Contaminant		Screening Levels							Protection of Groundwater SSLs											
SFO (mg/kg-day) ⁻¹	k _e	IUR (ug/m ³) ⁻¹	k _e	RfD _a (mg/kg-day)	k _e	RfC _i (mg/m ³)	k _e	l _v	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)			
3.0E+00	I	4.9E-03	I			2.0E-02	I	V		1			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							
				4.0E-02	C	1.4E-02	C	V		1			Hydrogen Chloride	7647-01-0	2.8E+03	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n							
						2.0E-03	I	V		1			Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.7E+04	n	1.5E+01	n	6.1E+01	n	2.8E+01	n							
6.0E-02	P			4.0E-02	P					1	0.1		Hydrogen Sulfide	7783-06-4	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n							
6.1E-02	O			1.1E-01	O					1	0.1		Hydroquinone	123-31-9	9.0E+00	c	2.8E+01	c					1.3E+00	c		8.7E-04	c				
				2.5E-01	I					1	0.1		Imazaquin	35554-44-0	8.9E+00	c	3.8E+01	c					9.0E-01	c		1.5E-02	c				
				2.5E+00	O					1	0.1		Imazethapyr	81335-37-7	1.6E+04	n	2.1E+05	n					4.9E+03	n		2.4E+01	n				
				1.0E-02	A					1			Iodine	7553-56-2	7.8E+02	n	1.2E+04	n					4.7E+04	n		4.1E+01	n				
				4.0E-02	I					1	0.1		Iprodione	36734-19-7	2.5E+03	n	3.3E+04	n					7.4E+02	n		2.2E-01	n				
				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				
				3.0E-01	I	4.0E-01	X	V		1		1.0E+04	Isobutyl Alcohol	78-83-1	7.8E+03	n	4.3E+04	ns	4.2E+02	n	1.8E+03	n	7.3E+02	n		1.5E-01	n				
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		Isoflorone	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		Isoxaben	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	E1737865	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n							
				8.0E-03	O					1	0.1		Lactofen	77601-63-4	5.1E+02	n	6.6E+03	n					1.0E+02	n		4.6E+00	n				
				2.0E-04	X					1	0.1		Lactonitrile	78-97-7	1.3E+01	n	1.6E+02	n					4.0E+00	n		8.1E-04	n				
				5.0E-05	P					1			Lanthanum	7439-91-0	3.9E+00	n	5.8E+01	n					1.0E+00	n							
				2.1E-05	P					1	0.1		Lanthanum Acetate Hydrate	100587-90-4	1.3E+00	n	1.7E+01	n					4.2E-01	n							
				1.9E-05	P					1			Lanthanum Chloride Heptahydrate	10025-84-0	1.5E+00	n	2.2E+01	n					3.7E-01	n							
				2.8E-05	P					1			Lanthanum Chloride, Anhydrous	10099-58-8	2.2E+00	n	3.3E+01	n					5.7E-01	n							
				1.6E-05	P					1			Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E+00	n	1.9E+01	n					3.2E-01	n							
8.5E-03	C	1.2E-05	C							1			Lead Compounds																		
2.1E-01	C	8.0E-05	C							1	0.1		-Lead Phosphate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c							
										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							
										1			-Lead and Compounds	7439-92-1	4.0E+02	G	8.0E+02	G	1.5E-01	G			1.5E+01	G	1.5E+01	G	1.5E+01	G	7.5E-05	c	1.4E+01
3.8E-02	C	1.1E-05	C							1	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		1		2.4E+00	-Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n					1.3E-03	n		4.7E-06	n				
				5.0E-06	P			V		1		3.8E+02	Lewistite	541-25-3	3.9E-01	n	5.8E+00	n					9.0E-02	n		3.8E-05	n				
				7.7E-03	O					1	0.1		Linuron	330-55-2	4.9E+02	n	6.3E+03	n					1.3E+02	n		1.1E-01	n				
				2.0E-03	P					1			Lithium	7439-93-2	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.2E+01	n				
				5.0E-04	I					1	0.1		MCPA	94-74-6	3.2E+01	n	4.1E+02	n					7.5E+00	n		2.0E-03	n				
				4.4E-02	O					1	0.1		MCPB	94-81-5	2.8E+03	n	3.6E+04	n					6.5E+02	n		2.6E-01	n				
				1.0E-03	I					1	0.1		MCPP	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					5.2E-02	n	2.2E-01	n									
				2.4E-02	G	5.0E-05	I			0.04			Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n		2.8E+01	n				
				9.0E-05	H					1	0.1		Mepfosfolan	950-10-7	5.7E+00	n	7.4E+01	n					1.8E+00	n		2.6E-03	n				
				3.0E-02	I					1	0.1		Mepiquat Chloride	24307-26-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		2.0E-01	n				
1.1E-02	P			4.0E-03	P					1	0.1		Mercaptobenzothiazole, 2-	149-30-4	4.9E+01	c**	2.1E+02	c*					6.3E+00	c*		1.8E-02	c*				
				3.0E-04	I	3.0E-04	G			0.07			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						
				3.0E-04	I	V				1		3.1E+00	-Mercury 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	3.3E-02	n	1.0E-01			
				1.0E-04	I					1			-Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n					2.0E+00	n		1.4E+01	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				
				6.0E-02	I					1	0.1		Metal																		

Toxicity and Chemical-specific Information													Contaminant										Screening Levels							Protection of Groundwater 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)	l _v (y)	mutagen	GIABS	ABS ₂	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tap Water (ug/l)	MCL (ug/l)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)									
9.0E-03	P			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*							
8.3E+00	C	2.4E-03	C								1	0.1	Methyl-N-nitro-N-nitrosouanidine, 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						
1.3E-01	C	3.7E-05	C								1	0.1	Methylaniline 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						
				1.0E-02	A						1	0.1	Methylarsonic acid	124-58-3	6.3E-02	n	8.2E+03	n			2.0E+02	n		5.8E-02	n							
				2.0E-04	X						1	0.1	Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.3E+01	n	1.6E+02	n			4.0E+00	n		4.0E+00	n							
1.0E-01	X			3.0E-04	X						1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	5.4E+00	c**	2.3E+01	c*			7.8E-01	c**		4.0E+00	n							
2.2E+01	C	6.3E-03	C						M		1	0.1	Methylchloranthrene, 3-	56-49-5	5.5E-03	c*	1.0E-01	c	1.6E-04	c	1.9E-03	c	1.1E-03	c	2.2E-03	c						
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M		1	0.1	Methylene Chloride	75-09-2	5.7E+01	c**	1.0E+03	c**	1.0E+02	c**	1.2E+03	c**	1.1E+01	c**	5.0E+00	2.9E-03	c**					
1.0E-01	P	4.3E-04	C	2.0E-03	P				M		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						
4.6E-02	I	1.3E-05	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						
1.6E+00	C	4.6E-04	C			2.0E-02	C				1	0.1	Methylenbisbenzidineamine, 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						
				6.0E-04	I						1	0.1	Methylenediphenyl Diisocyanate	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n		4.7E-02	n							
				7.0E-02	H			V			1	0.1	Methylstyrene, Alpha-	98-93-9	5.5E+03	ns	8.2E+04	ns			7.8E+02	n		1.2E+00	n							
				1.5E-01	I						1	0.1	Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm			2.7E+03	n		3.2E+00	n							
				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							
	4.5E-06	X		1.0E-02	X	1.0E-01	P	V			1	0.1	Mirandane 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*						
				3.0E+00	P			V			1	0.1	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						V		1	0.1	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	2.0E-03	A				1	0.1	Molbdenum	7439-98-7	3.9E+02	n	5.8E+03	n	2.1E+00	n	8.8E+00	n	1.0E+02	n	2.0E+00	n						
				1.0E-01	I						1	0.1	Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm			2.0E+03	n	4.0E+03(G)									
				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	Myoclobutanol	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			1	0.1	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	0.1	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								
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							
				1.2E-01	O						1	0.1	Napropamide	15299-99-7	7.6E+03	n	9.8E+04	n			2.0E+03	n		1.3E+01	n							
				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								
2.6E-04	C	1.1E-02	C	1.4E-05	C	V					1	0.1	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**								
2.6E-04	C	1.1E-02	C	1.4E-05	C				0.04		1	0.1	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								
2.6E-04	C	1.1E-02	C	2.0E-05	C				0.04		1	0.1	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								
2.4E-04	I	1.1E-02	C	1.4E-05	C				0.04		1	0.1	Nickel Refinery Dust	E715532	8.2E+02	n	1.1E+04	n	1.2E-02	c**	5.1E-02	c**	2.2E+02	n								
2.6E-04	C	2.0E-02	I	9.0E-05	A				0.04		1	0.1	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	3.2E+01	n						
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C		0.04		1	0.1	Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c	2.6E+01	n						
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C				1	0.1	Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c								
				1.6E+00	I						1	0.1	Nitrate (measured as nitrogen)	14797-55-8	1.3E+05	nm	1.9E+06	nm			3.2E+04	n	1.0E+04									
				1.0E-01	I						1	0.1	Nitrate + Nitrite (measured as nitrogen)	E701177	7.8E+03	n	1.2E+05	nm			2.0E+03	n	1.0E+03									
				1.0E-02	X	5.0E-05	X				1	0.1	Nitrite (measured as nitrogen)	14797-65-0	6.3E+02	n	8.0E+03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n	8.0E-02	n						
2.0E-02	P			4.0E-03	P	6.0E-03	P				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								
	4.0E-05	I		2.0E-03	I	9.0E-03	I	V			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*						
				3.0E+03	P						1	0.1	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*						
				7.0E-02	H						1	0.1	Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm			6.0E+07	n		1.3E+04	n							
1.3E+00	C	3.7E-04	C								1	0.1	Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n			1.4E+03	n		6.1E-01	n							
1.7E-02	P			1.0E-04	P						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						
				1.0E-01	I						1	0.1	Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n			2.0E+00	n		8.5E-04	n							
	8.8E-06	P		5.0E-03	P	V					1	0.1	Nitroguanidine	556-88-7	6.3E+03	n	8.2E+04	n	3.2E-01	c*	1.4E+00	c*	2.0E+03	n	4.8E-01	n						
	5.8E-04	X		2.0E-02	I	V					1	0.1	Nitromethane	75-52-5	5.4E+00	c*	2.4E+01	c*	4.8E-03	c*	2.1E-02	c*	6.4E-01	c*	1.4E-04	c*						
				1.8E+04							1	0.1	Nitropropane, 2-	79-46-9	6.4E-02	c	2.9E-01	c	4.8E-03	c	9.7E-03	c	9.7E-03	c	2.5E-06	c						
2.7E+01	C	7.7E-03	C						M		1	0.1	Nitroso-N-ethylurea, N-	759-73-9	4.5E+03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c	2.2E-07	c						
1.2E+02	C	3.4E-02	C																													

Toxicity and Chemical-specific Information													Contaminant	Screening Levels								Protection of Groundwater SSLs							
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _a (mg/kg-day)	k _e (mg/m ³)	RfC _i (mg/m ³)	k _e (mg/m ³)	l _v (mg/m ³)	l _v (mg/m ³)	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
			5.0E-02	H				V			1			Pebulate	1114-71-2	3.9E+03	n	5.8E+04	n					5.6E+02	n		4.5E-01	n	
			3.0E-01	O							1	0.1		Pendimethalin	40487-42-1	1.9E+04	n	2.5E+05	nm					1.4E+03	n		1.6E+01	n	
			2.0E-03	I				V			1		3.1E-01	Pentabromodiphenyl Ether	32534-81-9	1.6E+02	ns	2.3E+03	ns					4.0E+01	n		1.7E+00	n	
			1.0E-04	I							1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-90-9	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.7E-02	n	
9.0E-02	P		8.0E-04	I				V			1		4.6E+02	Pentachlorobenzene	603-93-5	6.3E+01	n	9.3E+02	n					3.2E+00	n		2.4E-02	n	
											1			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*	4.3E+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
4.3E-03	X		9.0E-03	P							1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+02	c**	5.3E+02	c*					1.7E+01	c**		2.6E-02	c**	
			1.0E-04	X							1	0.1		Pentamethylphosphoramide (PMPA)	10159-46-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.1E-04	n	
					1.0E+00	P	V				1		3.9E+02	Pentane, n-	109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		1.0E+01	n	
											1	0.1		Per- and Polyfluoroalkyl Substances (PFAS)															
			3.0E-06	D							1	0.1		-Ammonium perfluoro-2-methyl-3-oxahexanoate	62037-80-3	1.9E-01	n	2.5E+00	n					6.0E-02	n		1.3E-05	n	
			1.0E-03	I							1	0.1		-Ammonium perfluorobutanoate	10495-86-0	6.3E+01	n	8.2E+02	n					2.0E+01	n		7.1E-03	n	
			5.0E-04	I				V			1			-Ammonium perfluorohexanoate	21615-47-4	3.9E+01	n	5.8E+02	n					7.2E+00	n		1.7E-02	n	
			3.0E-06	D				V			1			-Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	2.3E-01	n	3.5E+00	n					6.0E-02	n				
			3.0E-04	P							1	0.1		-Perfluorobutanesulfonate	45187-15-3	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.9E-03	n	
			3.0E-04	P							1	0.1		-Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.9E-03	n	
			1.0E-03	I				V			1		9.3E+04	-Perfluorobutanoate	45048-62-2	7.8E+01	n	1.2E+03	n					1.8E+01	n		6.7E-03	n	
			1.0E-03	I				V			1		2.6E+03	-Perfluorobutanoic acid (PFBA)	375-22-4	7.8E+01	n	1.2E+03	n					1.8E+01	n		6.5E-03	n	
			2.0E-05	A							1	0.1		-Perfluorohexanesulfonate	108427-53-8	1.3E+00	n	1.6E+01	n					3.9E-01	n		1.7E-04	n	
			2.0E-05	A							1	0.1		-Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1.3E+00	n	1.6E+01	n					3.9E-01	n		1.7E-04	n	
			5.0E-04	I				V			1		6.8E+03	-Perfluorohexanoate	92612-52-7	3.9E+01	n	5.8E+02	n					6.1E+00	n		1.4E-02	n	
			5.0E-04	I							1	0.1		-Perfluorohexanoic acid (PFHxA)	307-24-4	3.2E+01	n	4.1E+02	n					9.9E+00	n		2.4E-03	n	
			3.0E-06	A							1	0.1		-Perfluorononanoate	72007-68-2	1.9E-01	n	2.5E+00	n					5.9E-02	n		2.5E-04	n	
			3.0E-06	A							1	0.1		-Perfluorononanoic acid (PFNA)	375-95-1	1.9E-01	n	2.5E+00	n					5.9E-02	n		2.5E-04	n	
			2.0E-06	A							1	0.1		-Perfluorooctanesulfonate	45298-90-6	1.3E-01	n	1.6E+00	n					4.0E-02	n		3.8E-05	n	
7.0E-02	D		2.0E-06	A							1	0.1		-Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.3E-01	n	1.6E+00	n					4.0E-02	n		3.1E-04	n	
7.0E-02	D		3.0E-06	A							1	0.1		-Perfluorooctanoate	45285-51-6	1.9E-01	n	2.5E+00	n					6.0E-02	n		9.1E-04	n	
			3.0E-06	A							1	0.1		-Perfluorooctanoic acid (PFOA)	335-67-1	1.9E-01	n	2.5E+00	n					6.0E-02	n		9.1E-04	n	
			2.0E-03	I				V			1		1.1E+05	-Potassium heptafluorobutanoate	2966-54-3	1.6E+02	n	2.3E+03	n					3.8E+01	n		1.4E-02	n	
			3.0E-04	P							1	0.1		-Potassium perfluorobutanesulfonate	29420-49-3	1.9E+01	n	2.5E+02	n					6.0E+00	n		3.0E-03	n	
			2.0E-06	A							1	0.1		-Potassium perfluorooctanesulfonate	2795-39-3	1.3E-01	n	1.6E+00	n					4.0E-02	n		3.1E-04	n	
			1.0E-03	I				V			1		1.0E+05	-Sodium perfluorobutanoate	2218-54-4	7.8E+01	n	1.2E+03	n					1.8E+01	n		6.8E-03	n	
			5.0E-04	I				V			1			-Sodium perfluorohexanoate	2923-26-4	3.9E+01	n	5.8E+02	n					1.0E+01	n		2.3E-02	n	
											1			Perchlorates															
			7.0E-04	I							1			-Ammonium Perchlorate	7790-98-9	5.5E+01	n	8.2E+02	n					1.4E+01	n				
			7.0E-04	I							1			-Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n					1.4E+01	n				
			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(G)			
			7.0E-04	I							1			-Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n					1.4E+01	n				
			7.0E-04	I							1			-Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n					1.4E+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	
			2.4E-01	O							1	0.1		Phenmedipham	13684-63-4	1.5E+04	n	2.0E+05	nm					3.8E+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	
			2.0E-04	X				V			1		1.3E+02	Phenyl Isothiocyanate	103-72-0	1.6E+01	n	2.3E+02	ns					2.6E+00	n		1.7E-03	n	
1.2E-01	P		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	
			4.0E-03	P							1	0.1		Phenylenediamine, o-	95-54-5	4.5E+00	c*	1.9E+01	c					6.5E-01	c		1.7E-04	c	
			1.0E-03	X							1	0.1		Phenylenediamine, p-	106-50-3	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.4E-03	n	
1.9E-03	H										1	0.1		Phenylphenol, 2-	90-43-7	2.8E+02	c												

Toxicity and Chemical-specific Information													Contaminant										Screening Levels										Protection of Groundwater 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)	l _o (y)	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)							
1.9E-03	P			2.0E-01	I								~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								~Butylphenyl Butylmalcolate	85-70-1	6.3E+04	n	8.2E+05	nm								1.3E+04	n		3.1E+02	n					
				1.0E-01	I								~Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n								9.0E+02	n		2.3E+00	n					
				8.0E-01	I								~Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm								1.5E+04	n		6.1E+00	n					
				1.0E-01	I				V				~Dimethyl terephthalate	120-61-6	7.8E+03	n	1.2E+05	nm								1.9E+03	n		4.9E-01	n					
				1.0E-02	P								~Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n								2.0E+02	n		5.7E+01	n					
				5.0E-01	X								~Phthalic Acid, p-	100-21-0	3.2E+04	n	4.1E+05	nm								9.4E+03	n		3.4E+00	n					
				2.0E+00	I	2.0E-02	C						~Phthalic Anhydride	85-44-9	1.3E+05	nm	1.6E+06	nm	2.1E+01	n	8.8E+01	n				3.9E+04	n		8.5E+00	n					
				7.0E-02	I								Picloram	1918-02-1	4.4E+03	n	5.7E+04	n								1.4E+03	n		3.8E-01	n					
				1.0E-04	X								Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+00	n	8.2E+01	n								2.0E+00	n		1.3E-03	n					
				2.0E-03	X								Picric Acid (2,4,6-Trinitrophenol)	88-89-1	1.3E+02	n	1.6E+03	n								4.0E+01	n		1.9E-01	n					
				7.3E-04	O								Pirimiphos, Methyl	29232-93-7	4.6E+01	n	6.0E+02	n								8.9E+00	n		8.4E-03	n					
3.0E+01	C	8.6E-03	C	7.0E-06	H								Polybrominated Biphenyls	36355-01-8	1.8E-02	c*	7.7E-02	c*	3.3E-04	c	1.4E-03	c				2.6E-03	c*								
													Polychlorinated Biphenyls (PCBs)																						
7.0E-02	G	2.0E-05	G	7.0E-05	I				V			1.14	~Aroclor 1016	12674-11-2	4.1E+00	n	2.7E+01	c**	1.4E-01	c	6.1E-01	c				2.2E-01	c**		2.1E-02	c**					
2.0E+00	G	5.7E-04	G						V			1.14	~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						V			1.14	~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						V			1.14	~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						V			1.14	~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				V			1.14	~Aroclor 1254	11097-69-1	2.4E-01	c**	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						V			1.14	~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				V			1.14	~Aroclor 5460	11126-42-4	3.5E+01	n	4.4E-02	n								1.2E+01	n		2.0E+00	n					
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V				1.14	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.3E-01	c*	5.0E-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				1.14	~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				1.14	~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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V				1.14	~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	W	1.1E+00	W	2.3E-08	W	1.3E-06	W	V				1.14	~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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V				1.14	~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				1.14	~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				1.14	~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				1.14	~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				1.14	~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			1.14	~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	c		6.8E-03	c					
4.0E-01	I	1.0E-04	I						V			1.14	~Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c				4.4E-02	c		5.0E-01	c					
7.0E-02	I	2.0E-05	I						V			1.14	~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c				6.1E-01	c		7.8E-02	c					
1.3E+01	W	3.8E-03	W	7.0E-06	W	4.0E-04	W	V				1.14	~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	W	1.1E-02	W	2.3E-06	W	1.3E-04	W	V				1.14	~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					
				6.0E-02	I				V			1.13	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n													
				3.0E-01	I				V			1.13	Polynuclear Aromatic Hydrocarbons (PAHs)																						
1.0E-01	E	6.0E-05	E						V			1.13	~Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n								5.3E+02	n		5.5E+00	n					
				9.0E-05	X	2.0E-06	X	V				1.13	~Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm									1.8E+03	n		5.8E+01	n				
									V			1.13	~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					
1.2E+00	C	1.1E-04	C						V			1.13	~Benzo[e]pyrene	192-97-2	5.7E+00	n	7.3E+01	n	2.1E-03	n	8.8E-03	n				1.8E+00	n		2.2E+00	n					
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I	M				1.13	~Benzo[k]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-01	E	6.0E-05	E						V			1.13	~Benzo[a]pyrene	192-97-2	1.1E-01	c	2.1E+00	c	1.7E-03	c**	8.8E-03	n				2.5E-02	c		2.0E-01	2.9E-02	c				
1.0E-02	E	6.0E-06	E						V			1.13	~Benzo[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								

Toxicity and Chemical-specific Information													Contaminant										Screening Levels								Protection of Groundwater 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 _i (mg/m ³)	k _e y	l _v y	l _v y	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)				
2.4E-01	I	3.7E-06	I	7.0E-01	H	2.0E+00	I	V			1		1.1E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.1E+04	n	3.7E+05	nms	2.1E+03	n	8.8E+03	n	3.2E+03	n		6.5E-01	n					
				1.0E-03	I	3.0E-02	I	V			1		7.8E+04	Propylene Oxide	75-56-9	2.1E+00	c	9.7E+00	c	2.7E-01	c	3.3E+00	c	2.7E-01	c		5.6E-05	c					
				5.0E-04	I						1	0.1	5.3E+05	Pyridine	110-86-1	7.8E+01	n	1.2E+03	n	2.0E+01	n			2.0E+01	n		6.8E-03	n					
3.0E+00	I			1.0E-03	I						1	0.1		Quinalphos	13593-03-8	3.2E+01	n	4.1E+02	n	5.1E+00	n			5.1E+00	n		4.3E-02	n					
				9.0E-03	I						1	0.1		Quinoline	91-22-5	1.8E+01	c	7.7E-01	c	2.4E-02	c			2.4E-02	c		7.8E-05	c					
						3.0E+04	A				1	0.1		Quizalofop-ethyl	76578-14-8	5.7E+02	n	7.4E+03	n			1.2E+02	n				1.9E+00	n					
				3.0E-02	I						1	0.1		Refractory Ceramic Fibers (units in fibers)	E715557	1.9E+03	n	2.5E+04	n	3.1E+04	G	1.3E+05	G	6.7E+01	n		4.2E+01	n					
				5.0E-02	H			V			1			Resmethrin	10453-86-8	3.9E+03	n	5.8E+04	n					4.1E+02	n		3.7E+00	n					
				4.0E-03	I						1	0.1		Ronnel	299-84-3	1.9E+03	n	2.5E+04	n					6.7E+01	n		4.2E+01	n					
2.2E-01	C	6.3E-05	C							M		0.1		Rotenone	83-79-4	2.5E+02	n	3.3E+03	n					6.1E+01	n		3.2E+01	n					
				5.0E-03	I						1	0.1		Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c		5.9E-05	c					
				5.0E-03	I						1			Selenious Acid	7783-00-8	3.9E+02	n	5.8E+03	n					1.0E+02	n		3.2E+01	n					
				5.0E-03	I	2.0E-02	C				1			Selenium	7782-49-2	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n	5.0E+01	5.2E-01	n	2.6E-01				
				5.0E-03	C	2.0E-02	C				1			Selenium Sulfide	7446-34-6	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n		3.2E+01	n					
				1.4E-01	O						1	0.1		Sethoxydim	74051-80-2	8.8E+03	n	1.1E+05	nm					1.6E+03	n		1.4E+01	n					
						3.0E-03	C				1			Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n				8.0E-01	n					
1.2E-01	H			5.0E-03	I						0.04			Silver	7440-22-4	3.9E+02	n	5.8E+03	n					9.4E+01	n		8.0E-01	n					
				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						1			Sodium Acifluorfen	62476-59-9	8.2E+02	n	1.1E+04	n					2.6E+02	n		2.1E+00	n					
2.7E-01	H			3.0E-02	I						1	0.1		Sodium Azide	26628-22-8	3.1E+02	n	4.7E+03	n					8.0E+01	n		8.1E-04	c					
				3.0E-02	I						1	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	1.4E-02	C				1			Sodium Fluoride	7681-49-4	3.9E+03	n	5.8E+04	n	1.5E+01	n	6.1E+01	n	1.0E+03	n	4.0E+03	1.5E+02	n	6.0E+02				
				2.0E-05	I						1	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		8.1E-05	n					
				8.0E-04	P						1			Sodium Tungstate	13472-45-2	6.3E+01	n	9.3E+02	n					1.6E+01	n		8.1E-05	n					
2.4E-02	H			8.0E-04	P						1			Sodium Tungstate Dihydrate	10213-10-2	6.3E+01	n	9.3E+02	n					1.6E+01	n		8.1E-05	n					
				3.0E-02	I						1	0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c					2.8E+00	c		8.2E-03	c					
				6.0E-01	I						1			Strontium, Stable	7440-24-6	4.7E+04	n	7.0E+05	nm					1.2E+04	n		4.2E+02	n					
				3.0E-04	I						1	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		8.7E+02	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						1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	1.9E+02	n	2.5E+03	n					4.8E+01	n		8.1E-05	n					
				3.0E-03	P						1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	1.9E+02	n	2.5E+03	n					4.8E+01	n		8.1E-05	n					
				1.0E-03	P	2.0E-03	X				1	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						1	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		6.5E-02	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	2.1E+00	n		6.5E-02	n					
2.5E-02	I	7.1E-06	I	5.0E-02	H						1	0.1		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c		1.5E-02	c					
				3.0E-02	H						1	0.1		TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n		3.3E+00	n					
				7.0E-02	I						1	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						1	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						1	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		3.1E+01	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n		5.2E-04	n					
5.0E-03	C	1.3E-06	C	1.0E-03	I						1	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						1	0.1		Tert-Butyl Acetate	540-88-5	8.1E+00	c	3.6E+01	c	2.2E+00	c	9.4E+00	c	3.3E+00	c		7.6E-04	c					
				3.0E-05	P			V			1			Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5438-43-1	6.3E+00	n	8.2E+01	n					2.0E+00	n		5.3E-02	n					
2.6E-02	I	7.4E-06	I	3.0E-02	I						1		6.8E+02	Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+00	n	3.5E+01	n					1.7E-01	n		7.9E-04	n					
2.0E-01	I	5.8E-05	C	2.0E-02	I						1		1.9E+03	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-02	I						1		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	0.1	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				
1.6E+01	X			3.0E-02	I						1	0.1		Tetrachlorophenol, 2,3,4,6-	56-90-2	1.9E+03	n																

Toxicity and Chemical-specific Information													Contaminant										Screening Levels										Protection of Groundwater SSLs		
SFO (mg/kg-day) ⁻¹	k _e	IUR (ug/m ³) ⁻¹	k _e	RfD _a (mg/kg-day)	k _e	RfC _a (mg/m ³)	k _e	l _v	mutagen	GIABS	ABS _g	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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)							
1.6E-02	P	5.1E-05	C										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					1	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)	E1790670	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n								
				5.0E-03	P	4.0E-01	P	V				1.1E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	2.5E+02	ns	1.9E+03	ns	4.2E+02	n	1.8E+03	n	2.8E+01	n		2.0E-02	n								
				1.0E-02	X	1.0E-01	P	V				6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	9.6E+01	ns	4.4E+02	ns	1.0E+02	n	4.4E+02	n	1.0E+02	n		1.5E+00	n								
				3.0E-04	P	2.0E-06	P	V	M		0.13		Total Petroleum Hydrocarbons (Aromatic High)	E1790676	1.8E+01	ns	2.2E+02	ns	2.1E+03	n	8.8E-03	n	6.0E+00	n		7.1E+00	n								
1.1E+00	I	3.2E-04	I	1.0E-02	P	6.0E-02	P	V				2.3E+02	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	3.0E+02	ns	1.7E+03	ns	6.3E+01	n	2.6E+02	n	5.7E+01	n	3.0E+00	8.3E-02	n								
				9.0E-05	P					1	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+00	n	2.5E+01	n					6.0E-01	n		9.3E-02	n								
				7.5E-03	I							0.1	Tralometrin	68841-25-6	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+02	n					3.7E+00	n		8.2E-02	n								
				8.0E+01	X							0.1	Triacetin	102-76-1	5.1E+06	nm	6.6E+07	nm					1.6E+06	n		4.5E+02	n								
7.2E-02	O			3.4E-02	O			V				0.1	Triadimefon	43121-43-3	2.1E+03	n	2.8E+04	n					6.3E+02	n		5.0E-01	n								
				2.5E-02	O			V				1	Triallate	2303-17-5	9.7E+00	c	4.6E+01	c					4.7E-01	c		1.0E-03	c								
				1.0E-02	I							0.1	Triasulfuron	82097-50-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.1E-01	n								
				8.0E-03	I							0.1	Tribenuron-methyl	101200-48-0	5.1E+02	n	6.6E+03	n					1.6E+02	n		6.1E-02	n								
				5.0E-03	I			V				1	Tribromobenzene, 1,2,4-	615-54-3	3.9E+02	n	5.8E+03	n					4.5E+01	n		6.4E-02	n								
				9.0E-03	X							0.1	Tribromophenol, 2,4,6-	118-79-6	5.7E+02	n	7.4E+03	n					1.2E+02	n		2.2E-01	n								
9.0E-03	P			2.0E-04	O							0.1	Tribufos	78-48-8	1.3E+01	n	1.6E+02	n					5.7E-01	n		2.8E-03	n								
				1.0E-02	P							0.1	Tributyl Phosphate	126-73-8	6.0E+01	c*	2.6E+02	c*					5.2E+00	c*		2.5E-02	c*								
				3.0E-04	P							0.1	Tributyltin Compounds	E1790679	1.9E+01	n	2.5E+02	n					6.0E+00	n		6.0E+00	n								
				3.0E-04	I							0.1	Tributyltin Oxide	56-35-9	1.9E+01	n	2.5E+02	n					5.7E+00	n		2.9E+02	n								
				3.0E+01	I	5.0E+00	P	V				9.1E+02	Trichloramine	10025-85-1											4.0E+03(G)	2.9E+02	n								
7.0E-02	I			2.0E-02	I							0.1	Trichloroacetic Acid	76-03-9	7.6E+00	c	3.3E+01	c					1.1E+00	c		6.0E+01(G)	2.2E-04	c	1.2E-02						
2.9E-02	H											0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	1.9E+01	c	7.9E+01	c					2.7E+00	c		7.4E-03	c								
7.0E-03	X			3.0E-05	X							0.1	Trichloroaniline, 2,4,6-	634-93-5	1.9E+00	n	2.5E+01	n					4.0E-01	n		3.6E-03	n								
2.9E-02	P			8.0E-04	X			V				1	Trichlorobenzene, 1,2,3-	87-61-6	6.3E+01	n	9.3E+02	n					1.2E+00	n		2.1E-02	n								
				1.0E-02	I	2.0E-03	P	V				4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01	c**	1.1E+02	c**	2.1E+00	n	8.8E+00	n	7.0E+00	c**	7.0E+01	3.4E-03	c**	2.0E-01							
				2.0E+00	I	5.0E+00	I	V				6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+03	ns	3.6E+04	ns	5.2E+03	n	2.2E+04	n	8.0E+03	n	2.0E+02	2.8E+00	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, 1,1,2-	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	I	2.0E-03	I	V	M			6.9E+02	Trichloroethylene	79-01-6	9.4E-01	c**	6.0E+00	c**	4.8E-01	c**	3.0E+00	c**	4.9E-01	c**	5.0E+00	1.8E-04	c**	1.8E-03							
				3.0E-01	I			V				1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+04	ns	3.5E+05	nms					5.2E+03	n		3.3E+00	n								
1.1E-02	I	3.1E-06	I	1.0E-01	I							0.1	Trichlorophenol, 2,4,5-	95-95-4	6.3E+03	n	8.2E+04	n					1.2E+03	n		4.0E+00	n								
				1.0E-03	P							0.1	Trichlorophenol, 2,4,6-	88-06-2	4.9E+01	c**	2.1E+02	c**	9.1E-01	c	4.0E+00	c	4.1E+00	c**		4.0E-03	c**								
				1.0E-02	I							0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+02	n	8.2E+03	n					1.6E+02	n		6.8E-02	n								
				8.0E-03	I			V				0.1	Trichlorophenoxypropionic acid, -2,4,5-	93-72-1	5.1E-02	n	6.6E+03	n					1.1E+02	n	5.0E+01	6.1E-02	n	2.8E-02							
3.0E+01	I			5.0E-03	I							1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.8E+03	ns					8.8E+01	n		3.5E-02	n								
				4.0E-03	I	3.0E-04	I	V	M			1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E-03	c	1.1E-01	c	3.1E-01	n	1.3E+00	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-01	n	3.1E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n		3.1E-04	n								
				2.0E-02	A							0.1	Tricresyl Phosphate (TCP)	1330-78-5	1.3E+03	n	1.6E+04	n					1.6E+02	n		1.5E+01	n								
				3.0E-03	I							0.1	Tridiphane	58138-08-2	1.9E+02	n	2.5E+03	n					1.8E+01	n		1.3E-01	n								
				2.0E+00	P	7.0E-03	I	V				0.1	Triethylamine	121-44-8	1.2E+02	n	4.8E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		4.4E-03	n								
						2.0E+01	P	V				4.8E+03	Triethylene Glycol	112-27-6	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		8.8E+00	n								
												0.1	Trifluoroethane, 1,1,1-	420-46-2	1.5E+04	ns	6.2E+04	ns	2.1E+04	n	8.8E+04	n	4.2E+04	n		1.3E+02	n								
7.7E-03	I			7.5E-03	I							0.1	Trifluralin	1582-09-8	9.0E+01	c**	4.2E+02	c*					2.6E+00	c*		8.4E-02	c*								
2.0E-02	P			1.0E-02	P							0.1	Trimethyl Phosphate	512-56-1	2.7E+01	c*	1.1E+02	c*					3.9E+00	c*		8.6E-04	c*								
				1.0E-02	I	6.0E-02	I	V				2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+02	ns	2.0E+03	ns	6.3E+01	n	2.6E+02	n	5.5E+01	n		8.1E-02	n								
				1.0E-02	I	6.0E-02	I	V				2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	3.0E+02	ns	1.8E+03	ns	6.3E+01	n	2.6E+02	n	5.6E+01	n		8.1E-02	n								
				1.0E-02	I	6.0E-02	I	V				1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+02	ns	1.5E+03	ns	6.3E+01	n	2.6E+02	n	6.0E+01	n		8.7E-02	n								
				1.0E-02	X							3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+02	ns	1.2E+04	ns					3.8E+01	n		1.3E-01	n								
3.0E-02	I																																		