

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Screening Levels										Protection of Groundwater Soil				
		SFO	k	IUR	k	SFI	RfDo	k	RIcI	k	RfDI	v	o	muta-	GIABS	ABS	Csat	Residential Soil	Industrial Soil	Residential Air	Industrial Air	Tapwater	MCL	Risk-based SSL	MCL-based SSL				
Analyte		(mg/kg-day) ¹	e	(ug/m ³) ¹	e	(mg/kg-day) ¹	(mg/kg-day)	e	(mg/m ³) ¹	e	(mg/kg-day) ¹		o	gen			mg/kg	mg/kg	ug/m ³	ug/m ³	ug/L	ug/L	mg/kg	mg/kg					
ALAR	1596-84-5	1.8E-02	C	5.1E-06	C	0.01785	1.5E-01	I	0	0	0	0	1	0.1			2.7E+01	c	9.6E+01	c	4.8E-01	c	2.4E+00	c	3.7E+00	c	8.2E-04		
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I		0	0	0	0	1	0.1			5.6E+01	c**	2.0E+02	c*					7.7E+00	c*	1.7E-03		
Acetaldehyde	75-07-0			2.2E-06	I	0.0077			9.0E-03	I	0.0025714	V					1.0E+01	c**	5.2E+01	c**	1.1E+00	c**	5.6E+00	c**	2.2E+00	c**	4.5E-04		
Acetochlor	34256-82-1					2.0E-02	I		0	0	0	0	1	0.1			1.2E+03	n	1.2E+04	n					7.3E+02	n	5.8E-01		
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	8.8571429	V						6.1E+04	n	6.3E+05	nms	3.2E+04	n	1.4E+05	n	2.2E+04	n	4.5E+00		
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	0.0171429	V						2.0E+02	n	2.1E+03	n	2.6E+01	n	2.6E+02	n	5.8E+01	n	1.2E-02		
Acetonitrile	75-05-8					0		6.0E-02	I	0.0171429	V						8.7E+02	n	3.7E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n	2.6E-02		
Acetophenone	98-86-2					1.0E-01	I			0	V						7.8E+03	ns	1.0E+05	nms					3.7E+03	n	1.1E+00		
Acetylaminofluorene, 2-	53-96-3	3.8E+00	C	1.3E-03	C	4.55			2.0E-05	I	5.714E-06	V			0.1		1.3E-01	c	4.5E-01	c	1.9E-03	c	9.4E-03	c	1.8E-02	c	8.2E-05		
Acrolein	107-02-8					0	5.0E-04	I	2.0E-05	I	5.714E-06	V					1.5E-01	n	6.5E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n	8.4E-06		
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	4.55			2.0E-04	I	0						1.1E-01	c	3.8E-04	c	1.9E-03	c	9.4E-03	c	1.5E-02	c	3.7E-06		
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I	0.002857	V						3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	1.8E+04	n	3.7E+00		
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	0.239	4.0E-02	A	2.0E-03	I	0.005714	V					2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*	9.9E-06		
Adiponitrile	111-69-3					0	6.0E-03	P	0.017143								8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n					
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I			0							8.7E+00	c*	3.1E+01	c					1.2E+00	c	2.0E+00	9.9E-04	1.6E-03
Aldicarb	116-06-3					1.0E-03	I			0							6.1E+01	n	6.2E+02	n					3.7E+01	n	9.1E-03		
Aldicarb Sulfone	1646-88-4					1.0E-03	I			0							6.1E+01	n	6.2E+02	n					3.7E+01	n	8.0E-03		
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	17.15	3.0E-05	I		0							2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	4.0E-03	c	6.5E-04		
Allyl	74223-64-6					2.5E-01	I			0							1.5E+04	n	1.5E+05	nm					9.1E+03	n	3.5E+00		
Allyl Alcohol	107-18-6					5.0E-03	I	1.0E-04	X	2.857E-05							3.0E+02	n	3.1E+03	n	1.0E-01	n	4.4E-01	n	1.8E+02	n	3.7E-02		
Allyl Chloride	107-05-1	2.1E-02	C	6.0E-06	C	0.021			1.0E-03	I	0.002857	V					6.8E-01	c**	3.4E+00	c**	1.1E-01	c**	2.0E+00	c**	6.5E-01	c**	2.1E-04		
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P	0.0014286							7.7E+04	n	9.9E+05	nm	5.2E+00	n	2.2E+01	n	3.7E+04	n	5.5E+04		
Aluminum Phosphide	20859-73-8					4.0E-04	I			0							3.1E+01	n	4.1E+02	n					1.5E+01	n			
Amdro	67485-29-4					3.0E-04	I			0							1.8E+01	n	1.8E+02	n					1.1E+01	n	3.9E+03		
Ametryn	834-12-8					9.0E-03	I			0							5.5E+02	n	5.5E+03	n					3.3E+02	n	3.5E-01		
Aminobiphenyl, 4-	92-67-1	2.1E+01	C	6.0E-03	C	21				0							2.3E-02	c	8.2E-02	c	4.1E-04	c	2.0E-03	c	3.2E-03	c	1.6E-05		
Aminophenol, m-	591-27-5					8.0E-02	P			0							4.9E+03	n	4.9E+04	n					2.9E+03	n	1.1E+00		
Aminophenol, p-	123-30-9					2.0E-02	P			0							1.2E+03	n	1.2E+04	n					7.3E+02	n	2.8E-01		
Amtraz	33089-61-1					2.5E-03	I			0							1.5E+02	n	1.5E+03	n					9.1E+01	n	4.7E+01		
Ammonia	7664-41-7					1.0E-01	I	0.0285714													1.0E+02	n	4.4E+02	n					
Ammonium Perchlorate	7790-98-9					7.0E-04	I			0							5.5E+01	n	7.2E+02	n					2.6E+01	n			
Ammonium Sulfamate	7773-06-0					2.0E-01	I			0							1.6E+04	n	2.0E+05	nm					7.3E+03	n			
Aniline	62-53-3	5.7E-03	I	1.6E-06	C	0.0056	7.0E-03	P	1.0E-03	I	0.002857	V			0.1		8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c*	4.0E-03		
Antimony (metallic)	7440-36-0					4.0E-04	I			0		0.15					3.1E+01	n	4.1E+02	n					1.5E+01	n	6.0E+00	6.6E-01	2.7E-01
Antimony Pentoxide	1314-60-9					5.0E-04	H			0		0.15					3.9E+01	n	5.1E+02	n					1.8E+01	n			
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H			0		0.15					7.0E+01	n	9.2E+02	n					3.3E+01	n			
Antimony Tetroxide	1332-81-6					4.0E-04	H			0		0.15					3.1E+01	n	4.1E+02	n					1.5E+01	n			
Antimony Trioxide	1309-64-4					2.0E-04	I	5.714E-05		0		0.15					2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n					
Apollo	74115-24-5					1.3E-02	I			0							7.9E+02	n	8.0E+03	n					4.7E+02	n	2.9E+01		
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	0.02485	5.0E-02	H		0		0.1					1.9E+01	c	6.9E+01	c	3.4E-01	c	1.7E+00	c	2.7E+00	c	3.0E-02		
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	15.05	3.0E-04	I	1.5E-05	C	4.286E-06				0.03		3.9E-01	c*	1.6E+00	c	5.7E-04	c*	2.9E-03	c*	4.5E-02	c*	1.0E+01	1.3E-03	2.9E-01
Arsine	7784-42-1					3.5E-06	C	5.0E-05	I	1.429E-05							2.7E-01	n	3.6E+00	n	5.2E-02	n	2.2E-01	n	1.3E-01	n			
Assure	76578-14-8					9.0E-03	I			0		0.1					5.5E+02	n	5.5E+03	n					3.3E+02	n	5.1E+00		
Asulam	3337-71-1					5.0E-02	I			0		0.1					3.1E+03	n	3.1E+04	n					1.8E+03	n	4.7E+00		
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I			0		0.1					2.1E+00	c	2.9E-01	c					3.0E+00	c	1.9E-04	1.9E-03	
Auramine	492-80-8	8.8E-01	C	2.5E-04	C	0.875	4.0E-04	I		0		0.1					7.3E-01	c	3.3E+00	c	9.7E-03	c	4.9E-02	c	7.6E-02	c	7.0E-04		
Avermectin B1	65195-55-3					4.0E-04	I			0		0.1					2.4E+01	n	2.5E+02	n					1.5E+01	n	2.6E+01		
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I	0.1085				0		V					5.1E+00	c	2.3E+01	c	7.8E-02	c	4.0E-01	c	1.2E-01	c	9.6E-04		
Barium	7440-39-3					2.0E-01	I	5.0E-04	H	0.0001429		0.07					1.5E+04	n	1.9E+05	nm	5.2E-01	n	2.2E+00	n	7.3E+03	n	2.0E+03	3.0E+02	8.2E+01
Baygon																													

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information										Screening Levels										Protection of Groundwater Soil						
		SFO (mg/kg-day) ¹	k e	IUR (ug/m ³) ¹	k e	SFI (mg/kg-day) ¹	RfDo (mg/kg-day)	k e	RI (mg/m ³) ¹	k e	RfDI (mg/kg-day) ¹	v o	muta- gen	GIABS	ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m ³	key	Industrial Air ug/m ³	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg
-Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I	4500				0				1	0.03	9.4E-05	c	3.9E-04	c	1.9E-06	c	9.4E-06	c	1.1E-05	c	3.0E-05	9.0E-06	2.6E-07
-TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	133000	1.0E-09	A	4.0E-08	C	1.143E-08			1	0.03	4.5E-06	c*	1.8E-05	c*	6.4E-08	c	3.2E-07	c	1.1E+03	n	3.0E-05	2.6E-07	1.5E-05
Diphenamid	957-51-7					0	3.0E-02	I			0			1	0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.1E+01	
Diphenyl Sulfone	127-63-9					0	8.0E-04	X			0			1	0.1	4.9E+01	n	4.9E+02	n					2.9E+01	n		2.9E+01	
Diphenylamine	122-39-4					0	2.5E-02	I			0			1	0.1	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.7E+00	
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I	0.77					0			1	0.1	6.1E-01	c	2.2E+00	c	1.1E-02	c	5.6E-02	c	8.4E-02	c		2.7E-04	
Diquat	85-00-7					0	2.2E-03	I			0			1	0.1	1.3E+02	n	1.4E+03	n					8.0E+01	n	2.0E+01	1.5E+00	3.7E-01
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C	7.35					0			1	0.1	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		4.4E+00	
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C	7.35					0			1	0.1	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		1.4E+01	
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C	6.65					0			1	0.1	7.2E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c		2.7E-03	
Disulfoton	299-04-4					0	4.0E-05	I			0			1	0.1	2.4E+00	n	2.5E+01	n					1.5E+00	n		1.8E-01	
Dithiane, 1,4-	505-29-3					0	9.0E-02	H			0			1	0.1	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.7E+02	
Diuron	330-54-1					0	2.0E-03	I			0			1	0.1	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.1E-02	
Dodine	2439-10-3					0	4.0E-03	I			0			1	0.1	2.4E+02	n	2.5E+03	n					1.5E+02	n		7.5E-01	
EPTC	759-94-4					0	2.5E-02	I			0	V		1	4.1E+02	2.0E+03	ns	2.6E+04	ns					9.1E+02	n		4.8E-01	
Endosulfan	115-29-7					0	6.0E-03	I			0			1	0.1	3.7E+02	n	3.7E+03	n					2.2E+02	n		3.0E+00	
Endothall	145-73-3					0	2.0E-02	I			0			1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n	1.0E+02	1.7E-01	2.4E-02
Endrin	72-20-8					0	3.0E-04	I			0			1	0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n	2.0E+00	4.4E-01	8.1E-02
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	0.0042	6.0E-03	P	1.0E-03	P	0.0002857	V		1	1.1E+04	2.0E+01	n	8.8E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.5E-04	
Epoxbutane, 1,2-	106-88-7					0	2.0E-02	I			0.0057143	V		1	1.5E+04	1.7E+02	n	7.2E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		9.2E-03	
Ethephon	16672-87-0					0	5.0E-03	I			0			1	0.1	3.1E+02	n	3.1E+03	n					1.8E+02	n		3.8E-02	
Ethion	563-12-2					0	5.0E-04	I			0			1	0.1	3.1E+01	n	3.1E+02	n					1.8E+01	n		3.6E-02	
Ethoxyethanol Acetate, 2-	111-15-9					0	3.0E-01	H	3.0E-01	C	0.0857143			1	0.1	1.8E+04	n	1.8E+05	nm	3.1E+02	n	1.3E+03	n	1.1E+04	n		2.3E+00	
Ethoxyethanol, 2-	110-80-5					0	4.0E-01	H	2.0E-01	I	0.0571429			1	0.1	2.4E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	1.5E+04	n		2.9E+00	
Ethyl Acetate	141-78-6					0	9.0E-01	I			0	V		1	1.1E+04	7.0E+04	ns	9.2E+05	nms				3.3E+04	n		7.0E+00		
Ethyl Acrylate	140-88-5	4.8E-02	H			0					0	V		1	2.5E+03	1.3E+01	c	6.0E+01	c				1.4E+00	c		3.1E-04		
Ethyl Chloride	75-00-3					0	1.0E+01	I			2.8571429	V		1	2.1E+03	1.5E+04	ns	6.1E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n		5.9E+00	
Ethyl Ether	60-29-7					0	2.0E-01	I			0	V		1	1.0E+04	1.6E+04	ns	2.0E+05	nms				7.3E+03	n		1.6E+00		
Ethyl Methacrylate	97-63-2					0	9.0E-02	H			0	V		1	1.1E+03	7.0E+03	ns	9.2E+04	ns				3.3E+03	n		7.7E-01		
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					0	1.0E-05	I			0			1	0.1	6.1E-01	c	6.2E+00	n				3.7E-01	n		1.1E-02		
Ethylbenzene	100-41-4	1.1E-02	C	2.5E-06	C	0.00875	1.0E-01	I	1.0E+00	I	0.2857143	V		1	4.8E+02	5.4E+00	c	2.7E+01	c	9.7E-01	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.7E-03	7.8E-01
Ethylene Cyanohydrin	109-78-4					0	3.0E-02	P			0			1	0.1	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.2E-01	
Ethylene Diamine	107-15-3					0	9.0E-02	P			0			1	0.1	5.5E+03	n	5.5E+04	n					3.3E+03	n		7.5E-01	
Ethylene Glycol	107-21-1					0	2.0E+00	I	4.0E-01	C	0.1142857			1	0.1	1.2E+05	nm	1.2E+06	nm	4.2E+02	n	1.8E+03	n	7.3E+04	n		1.5E+01	
Ethylene Glycol Monobutyl Ether	111-76-2					0	5.0E-01	I	1.3E+01	I	3.7142857	V		1	0.1	3.1E+04	n	3.1E+05	nm	1.4E+04	n	5.7E+04	n	1.8E+04	n		3.8E+00	
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C	0.308	3.0E-02	C	0.0085714	V				1	1.2E+05	1.7E-01	c	8.3E-01	c	2.8E-02	c	1.4E-01	c	4.4E-02	c		9.1E-06	
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	0.0455	8.0E-05	I			0			1	0.1	4.9E+00	n	3.8E+01	c**	1.9E-01	c	9.4E-01	c	1.5E+00	c**		3.4E-04	
Ethyleneimine	151-56-4	6.5E+01	C	1.9E-02	C	66.5					0			1	0.1	9.8E-03	c	4.4E-02	c	1.3E-04	c	6.5E-04	c	1.0E-03	c		2.3E-07	
Ethylphthalyl Ethyl Glycolate	84-72-0					0	3.0E+00	I			0			1	0.1	1.8E+05	nm	1.8E+06	nm					1.1E+05	n		2.5E+02	
Express	101200-48-0					0	8.0E-03	I			0			1	0.1	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.1E-01	
Fenamiphos	22224-92-6					0	2.5E-04	I			0			1	0.1	1.5E+01	n	1.5E+02	n					9.1E+00	n		9.1E-03	
Fenpropathrin	39515-41-8					0	2.5E-02	I			0			1	0.1	1.5E+03	n	1.5E+04	n					9.1E+02	n		4.1E-01	
Fluometuron	2164-17-2					0	1.3E-02	I			0			1	0.1	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.7E-01	
Fluoride	16984-48-8					0	4.0E-02	C	1.3E-02	C	0.0037143			1		3.1E+03	n	4.1E+04	n	1.4E+01	n	5.7E+01	n	1.5E+03	n	4.0E+03	3.3E+02	6.0E+02
Fluorine (Soluble Fluoride)	7782-41-4					0	6.0E-02	I	1.3E-02	C	0.0037143			1		4.7E+03	n	6.1E+04	n	1.4E+01	n	5.7E+01	n	2.2E+03	n		3.3E+02	
Fluridone	59756-60-4					0	8.0E-02	I			0			1	0.1	4.9E+03	n	4.9E+04	n					2.9E+03	n		3.3E+02	
Flurprimidol	56425-91-3					0	2.0E-02	I			0			1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n		3.3E+00	
Flutolanil	86332-96-5					0	6.0E-02	I			0			1	0.1	3.7E+03	n	3.7E+04	n					2.2E+03	n		1.2E-01	
Fluvalinate	69409-94-5					0	1.0E-02	I			0			1	0.1	6.1E												

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SLL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information										Screening Levels							Protection of Groundwater Soil						
		SFO (mg/kg-day)	IUR (ug/m ³ -y)	k _e	RfDo (mg/kg-day)	RfCI (mg/m ³ -y)	RfDI (mg/kg-day)	v	muta-gen	GIABS	ABS	Csat (mg/kg)	Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Residential Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSSL (mg/kg)	MCL-based SSSL (mg/kg)					
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I	17.15		3.0E-05	P	8.571E-06		1	2.1E-01	c	9.5E-01	c	5.0E-04	c*	2.5E-03	c*	2.2E-02	c			
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I	17.15						1	2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c			
Hydrogen Chloride	7647-01-0					0		2.0E-02	I	0.0057143		1	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n					
Hydrogen Fluoride	7664-39-3					0		4.0E-02	C	0.004		1	3.1E+03	n	4.1E+04	n	1.5E+01	n	6.1E+01	n	1.5E+03	n			
Hydrogen Sulfide	7783-06-4					0		2.0E-03	I	0.0005714		1	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n					
Hydroquinone	123-31-9	6.0E-02	P			0		4.0E-02	P			1	8.1E+00	c	2.9E+01	c					1.1E+00	c	7.6E-04		
Imazail	35554-44-0					0		1.3E-02	I	0		1	7.9E+02	n	8.0E+03	n					4.7E+02	n	8.2E+00		
Imazaquin	81335-37-7					0		2.5E-01	I	0		1	1.5E+04	n	1.5E+05	nm					9.1E+03	n	4.5E+01		
Iodine	7753-56-2					0		1.0E-02	A	0		1	7.8E+02	n	1.0E+04	n					3.7E+02	n	4.5E-01		
Iprodione	36734-19-7					0		4.0E-02	I	0		1	2.4E+03	n	2.5E+04	n					1.5E+03	n	4.5E-01		
Iron	7439-89-6					0		7.0E-01	P	0		1	5.5E+04	n	7.2E+05	nm					2.6E+04	n	6.4E+02		
Isobutyl Alcohol	78-83-1					0		3.0E-04	S	0	V	1	2.3E+04	ns	3.1E+05	nms					1.1E+04	n	2.3E+00		
Isophorone	78-59-1	9.5E-04	I			0		2.0E-01	I	2.0E+00	C	0.5714286		5.1E+02	c*	1.8E+03	c*	2.1E+03	n	8.8E+03	n	7.1E-01	c	2.3E-02	
Isopropalin	33820-53-0					0		1.5E-02	I	0		1	9.2E+02	n	9.2E+03	n					5.5E+02	n	1.3E+01		
Isopropanol	67-63-0					0		7.0E+00	C	2		1	9.9E+09	nm	4.2E+10	nm	7.3E+03	n	3.1E+04	n					
Isopropyl Methyl Phosphonic Acid	1832-54-8					0		1.0E-01	I	0		1	6.1E+03	n	6.2E+04	n					3.7E+03	n	7.9E-01		
Isoxaben	82558-50-7					0		5.0E-02	I	0		1	3.1E+03	n	3.1E+04	n					1.8E+03	n	5.0E+00		
JP-7	NA					0		3.0E-01	A	0.0857143	V	1	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n	2.8E+00		
Kerb	23950-58-5					0		7.5E-02	I	0		1	4.6E+03	n	4.6E+04	n					2.7E+03	n	2.8E+00		
Lactofen	77501-63-4					0		2.0E-03	I	0		1	1.2E+02	n	1.2E+03	n					7.3E+01	n	3.4E+00		
Lead Compounds						0		0		0															
-Lead and Compounds	7439-92-1					0		0		0		1	4.0E+02	nL	8.0E+02	nL					1.5E+01	n	1.4E+01		
-Tetraethyl Lead	78-00-2					0		1.0E-07	I	0		1	6.1E-03	n	6.2E-02	n					3.7E-03	n	1.3E-05		
Lead acetate	301-04-2	2.8E-01	C	8.0E-05	C	0.28		0		0		1	2.3E+00	c	1.0E+01	c	3.0E-02	c	1.5E-01	c	2.4E-01	c	1.8E+00		
Lead subacetate	1335-32-6	3.8E-02	C	1.1E-05	C	0.0385		0		0		1	1.7E+01	c	7.5E+01	c	2.2E-01	c	1.1E+00	c	1.4E+00	c	1.8E+00		
Linuron	330-55-2					0		2.0E-03	I	0		1	1.2E+02	n	1.2E+03	n					7.3E+01	n	6.4E-02		
Lithium	7439-93-2					0		2.0E-03	P	0		1	1.6E+02	n	2.0E+03	n					7.3E+01	n	2.2E+01		
Lithium Perchlorate	7791-03-9					0		7.0E-04	I	0		1	5.5E+01	n	7.2E+02	n					2.6E+01	n	6.4E-02		
Londax	83055-99-6					0		2.0E-01	I	0		1	1.2E+04	n	1.2E+05	nm					7.3E+03	n	1.9E+00		
MCPA	94-74-6					0		5.0E-04	I	0		1	3.1E+01	n	3.1E+02	n					1.8E+01	n	4.7E-03		
MCPB	94-81-5					0		1.0E-02	I	0		1	6.1E+02	n	6.2E+03	n					3.7E+02	n	1.4E-01		
MCPB	93-65-2					0		1.0E-03	I	0		1	6.1E+01	n	6.2E+02	n					3.7E+01	n	1.1E-02		
Malathion	121-75-5					0		2.0E-02	I	0		1	1.2E+03	n	1.2E+04	n					7.3E+02	n	1.9E-01		
Maleic Anhydride	108-31-6					0		1.0E-01	I	7.0E-04	C	0.0002		6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	3.7E+03	n	7.4E-01	
Maleic Hydrazide	123-33-1					0		5.0E-01	I	0		1	3.1E+04	n	3.1E+05	nm					1.8E+04	n	3.8E+00		
Malononitrile	109-77-3					0		1.0E-04	P	0		1	6.1E+00	n	6.2E+01	n					3.7E+00	n	7.5E-04		
Mancozeb	8018-01-7					0		3.0E-02	H	0		1	1.8E+03	n	1.8E+04	n					1.1E+03	n	1.5E+00		
Maneb	12427-38-2					0		5.0E-03	I	0		1	3.1E+02	n	3.1E+03	n					1.8E+02	n	2.6E-01		
Manganese (Diet)	7439-96-5					0		1.4E-01	I	5.0E-05	I	1.429E-05									8.8E+02	n	5.7E+01		
Manganese (Water)	7439-96-5					0		2.4E-02	I	5.0E-05	I	1.429E-05	0.04								1.8E+03	n	5.7E+01		
Mephosfolan	950-10-7					0		9.0E-05	H	0		1	5.5E+00	n	5.5E+01	n					3.3E+00	n	4.8E-03		
Mepiquat Chloride	24307-26-4					0		3.0E-02	I	0		1	1.8E+03	n	1.8E+04	n					1.1E+03	n	3.6E-01		
Mercury Compounds						0		0		0															
-Mercuric Chloride	7487-94-7					0		3.0E-04	I	3.0E-05	C	8.571E-06	0.07								2.3E+01	n	3.1E+02		
-Mercuric Sulfide	1344-48-5					0		3.0E-04	S	0		1	2.3E+02	n	3.1E+02	n	3.1E-02	n	1.3E-01	n	1.1E+01	n	1.1E+01		
-Mercury (elemental)	7439-97-6					0		1.6E-04	C	3.0E-04	I	8.571E-05	V	5.6E+00	ns	3.4E+01	ns	3.1E-01	n	1.3E+00	n	5.1E-01	n	2.0E+00	3.0E-02
-Mercury, Inorganic Salts	NA					0		3.0E-04	S	0		0.07									2.3E+01	n	3.1E+02		
-Methyl Mercury	22967-92-6					0		1.0E-04	I	0		1	7.8E+00	n	1.0E+02	n					3.7E+00	n	5.7E-01		
-Phenylmercuric Acetate	62-38-4					0		8.0E-05	I	0		1	4.9E+00	n	4.9E+01	n					2.9E+00	n	9.1E-04		
Merphos	150-50-5					0		3.0E-05	I	0		1	1.8E+00	n	1.8E+01	n					1.1E+00	n	1.1E-01		
Merphos Oxide	78-48-8					0		3.0E-05	I	0		1	1.8E+00	n	1.8E+01	n					1.1E+00	n	5.4E-03		
Metalaxyl	57837-19-1					0		6.0E-02	I	0		1	3.7E+03	n	3.7E+04	n					2.2E+03	n	6.1E-01		
Methacrylonitrile	126-98-7					0		1.0E-04	I	7.0E-04	H	0.0002	V	3.2E+00	n	1.8E+01	n	7.3E-01	n	3.1E+00	n	1.0E+00	n	2.4E-04	
Methamidophos	10265-92-6					0		5.0E-05	I	0		1	3.1E+00	n	3.1E+01	n					1.8E+00	n	3.8E-04		
Methanol	67-56-1					0		5.0E-01	I	4.0E+00	C	1.1428571		3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n	1.8E+04	n	3.7E+00	
Methidathion	950-37-8					0		1.0E-03	I	0		1	6.1E+01	n	6.2E+02	n					3.7E+01	n	8.9E-03		
Methomyl	16752-77-5					0		2.5E-02	I	0		1	1.5E+03	n	1.5E+04	n					9.1E+02	n	2.0E-01		
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C	0.049		0		0		1	9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c	1.4E+00	c	4.7E-04	</	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Screening Levels								Protection of Groundwater Soil		
		SFO	k	IUR	k	SFI	RfDo	k	RI	k	RfDI	v	muta-	GIABS	ABS	Csat	Residential Soil	Industrial Soil	Residential Air	Industrial Air	Tapwater	MCL	Risk-based SSL	MCL-based SSL	
Analyte		(mg/kg-day)	e	(ug/m ³) ¹	(mg/kg-day) ¹	(mg/kg-day)	e	(mg/m ³) ¹	e	(mg/kg-day) ¹	c	gen			mg/kg	mg/kg	ug/m ³	ug/m ³	ug/L	ug/L	ug/L	mg/kg	mg/kg		
Monochloramine	10599-90-3				0	1.0E-01		0							7.8E+03	n	1.0E+05	nm			3.7E+03	n			
Monomethylaniline	100-61-8				0	2.0E-03	P	0							1.2E+02	n	1.2E+03	n			7.3E+01	n			
N,N-Diphenyl-1,4-benzenediamine	74-31-7				0	3.0E-04	X	0							1.8E+01	n	1.8E+02	n			1.1E+01	n	1.1E+00		
Naled	300-76-5				0	2.0E-03	I	0							1.2E+02	n	1.2E+03	n			7.3E+01	n	3.3E-02		
Naphtha, High Flash Aromatic (HFAN)	64724-95-6				0	3.0E-02	X	1.0E-01	P	0.0285714	V				2.3E+03	n	3.1E+04	n	1.0E+02	n	4.4E+02	n	1.8E+02	n	
Naphthylamine, 2-	91-59-8	1.8E+00	C	0.0E+00	0	1.0E-01	I	0						2.7E-01	c	9.6E-01	c			3.7E-02	c		1.9E-04		
Napropamide	15299-99-7				0	1.0E-01	I	0						6.1E+03	n	6.2E+04	n			3.7E+03	n		2.4E+01		
Nickel Carbonyl	13463-39-3				0	5.0E-02	C	5.0E-05	C	1.429E-05			0.04		3.7E+03	n	4.4E+04	n	5.2E-02	n	2.2E-01	n	1.8E+03	n	
Nickel Oxide	1313-99-1				0	5.0E-02	C	1.0E-04	C	2.857E-05				3.8E+03	n	4.7E+04	n	1.0E-01	n	4.4E-01	n	1.8E+03	n		
Nickel Refinery Dust	NA				2.4E-04	I	0.84	5.0E-02	C	5.0E-05	C	1.429E-05		0.04	3.7E+03	n	4.4E+04	n	1.0E-02	c**	5.1E-02	c**	1.8E+03	n	
Nickel Sulfate	7440-02-0				2.6E-04	C	0.91	2.0E-02	I	9.0E-05	A	2.571E-05		0.04	1.5E+03	n	2.0E+04	n	9.4E-03	c*	4.7E-02	c*	7.3E+02	n	
Nickel Subulfide	12035-72-2	1.7E+00	C	4.8E-04	I	0.68	5.0E-02	C	5.0E-05	C	1.429E-05			1.3E+05	nm	1.9E+06	nm	5.1E-03	c*	2.6E-02	c**	4.0E-02	c	1.0E+04	
Nitrate	14797-55-8				0	1.8E+00	I	0						7.8E+03	n	1.0E+05	nm			5.8E+04	n		1.0E+03		
Nitrite	14797-65-0				0	1.0E-01	I	0						7.8E+03	n	1.0E+05	nm			3.7E+03	n		1.0E+03		
Nitroaniline, 2-	88-74-4				0	1.0E-02	X	5.0E-05	X	1.429E-05				1.1	6.1E+02	n	6.0E+03	n	5.2E-02	n	2.2E-01	n	3.7E+02	n	
Nitroaniline, 4-	100-01-6	2.0E-02	P		0	4.0E-03	P	6.0E-03	P	0.0017143				1.1	2.4E+01	c*	8.6E+01	c*	6.3E+00	n	2.6E+01	n	3.4E+00	c*	
Nitrobenzene	98-95-3				4.0E-05	I	0.14	2.0E-03	I	9.0E-03	I	0.0025714	V	1	4.8E+00	c*	2.4E+01	c*	6.1E-02	c	3.1E-01	c	1.2E-01	c	7.9E-05
Nitrocellulose	9004-70-0				0	3.0E+03	P	0						2.3E+08	nm	3.1E+09	nm			1.1E+08	n		2.4E+04		
Nitrofurantoin	67-20-9				0	7.0E-02	H	0						4.3E+03	n	4.3E+04	n			2.6E+03	n		1.1E+00		
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C	1.295		0						3.7E-01	c	1.3E+00	c	6.6E-03	c	3.3E-02	c	5.2E-02	c	4.7E-05	
Nitroglycerin	55-63-0	1.7E-02	P		0	1.0E-04	P	0						6.1E+00	n	6.2E+01	n			3.7E+00	n		1.6E-03		
Nitroguanidine	556-88-7				0	1.0E-01	I	0						6.1E+03	n	6.2E+04	n			3.7E+03	n		8.8E-01		
Nitromethane	75-52-5				9.0E-06	P	0.0315	2.0E-02	P	0.0057143	V	1		1.8E+04	c*	2.5E+01	c*	2.7E-01	c*	1.4E+00	c*	5.4E-01	c*	1.2E-04	
Nitropropane, 2-	79-46-9				2.7E-03	H	9.45	2.0E-02	I	0.0057143	V	1		4.9E+03	1.3E-02	c	6.4E-02	c	9.0E-04	c	4.5E-03	c	1.8E-03	c	4.7E-07
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C	26.95		0						1.8E-02	c	6.4E-02	c	3.2E-04	c	1.6E-03	c	2.5E-03	c	6.0E-07	
Nitroso-N-methylurea, N-	684-93-5	1.2E+02	C	3.4E-02	C	119		0						4.0E-03	c	1.4E-02	c	7.2E-05	c	3.8E-04	c	5.6E-04	c	1.2E-07	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I	5.6		0		V	1			8.7E-02	c	4.0E-01	c	1.5E-03	c	7.7E-03	c	2.4E-03	c	5.0E-06	
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I	2.0E-03	C	7		0						6.9E-02	c	2.5E-01	c	1.2E-03	c	6.1E-03	c	9.6E-03	c	7.2E-06	
Nitrosodihydroxylamine, N-	1116-54-7	2.8E+00	I	8.0E-04	C	2.8		0						1.7E-01	c	6.2E-01	c	3.0E-03	c	1.5E-02	c	2.4E-02	c	4.9E-06	
Nitrosodimethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I	150.5		0		M	1			7.7E-04	c	1.1E-02	c	2.2E-05	c	2.9E-04	c	1.4E-04	c	5.3E-08	
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	49	8.0E-06	P	4.0E-05	X	1.143E-05	M	1		2.3E-03	c	3.4E-02	c	6.9E-05	c	8.8E-04	c	4.2E-04	c	1.0E-07
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I	2.6E-06	C	0.0091		0						9.9E+01	c	3.5E+02	c	9.4E-01	c	4.7E+00	c	1.4E+01	c	7.5E-02	
Nitrosomethylthylamine, N-	10595-95-6	2.2E+01	I	6.3E-03	C	22.05		0						2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.1E-03	c	8.8E-07	
Nitrosomorpholine [N-]	59-89-2	6.7E+00	C	1.9E-03	C	6.65		0						7.2E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c	2.5E-06	
Nitrosopiperidine [N-]	100-75-4	9.4E+00	C	2.7E-03	C	9.45		0						5.2E-02	c	1.8E-01	c	9.0E-04	c	4.5E-03	c	7.2E-03	c	3.8E-06	
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I	2.135		0						2.3E-01	c	8.2E-01	c	4.0E-03	c	2.0E-02	c	3.2E-02	c	1.2E-05	
Nitrotoluene, m-	99-08-1				0	1.0E-04	X	0						6.1E+00	n	6.2E+01	n			3.7E+00	n		3.4E-03		
Nitrotoluene, o-	88-72-2	2.2E-01	P		0	9.0E-04	P	0		V	1			2.9E+00	c*	1.3E+01	c*			3.1E-01	c		2.9E-04		
Nitrotoluene, p-	99-99-0	1.6E-02	P		0	4.0E-03	P	0						3.0E+01	c**	1.1E+02	c*			4.2E+00	c*		3.9E-03		
Nonane, n-	111-84-2				0	3.0E-04	X	2.0E-01	P	0.0571429	V	1		6.9E+00	2.1E+01	ns	2.3E+02	ns	2.1E+02	n	8.8E+02	n	1.1E+01	n	1.5E-01
Norflurazon	27314-13-2				0	4.0E-02	I	0						2.4E+03	n	2.5E+04	n			1.5E+03	n		9.4E+00		
Nustar	85509-19-9				0	7.0E-04	I	0						4.3E+01	n	4.3E+02	n			2.6E+01	n		4.1E+00		
Octabromodiphenyl Ether	32536-52-0				0	3.0E-03	I	0						1.8E+02	n	1.8E+03	n			1.1E+02	n		2.2E+01		
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0				0	5.0E-02	I	0						3.8E+03	n	4.9E+04	n			1.8E+03	n		2.3E+00		
Octamethylpyrophosphoramide	152-16-9				0	2.0E-03	H	0						1.2E+02	n	1.2E+03	n			1.7E+01	n		1.8E-02		
Oxazolin	19044-88-3				0	5.0E-02	I	0						3.1E+03	n	3.1E+04	n			1.8E+03	n		3.4E+00		
Oxadiazon	19866-30-9				0	5.0E-03	I	0						3.1E+02	n	3.1E+03	n			1.8E+02	n		1.9E+00		
Oxamyl	23135-22-0				0	2.5E-02	I	0						1.5E+03	n	1.5E+04	n			9.1E+02	n		2.0E+02		
Paclitaxel	76738-62-0				0	1.3E-02	I	0						7.9E+02	n	8.0E+03	n			4.7E+02	n		9.7E-01		
Paracetyl Chloride	1910-42-5				0	4.5E-03	I	0						2.7E+02	n	2.8E+03	n			1.6E+02	n		2.3E+00		
Parathion	56-38-2				0	6.0E-03	H	0						3.7E+02	n	3.7E+03	n			2.2E+02	n		1.1E+00		
Pebulate	1114-71-2				0	5.0E-02	H	0						3.1E+03	n	3.1E+04	n			1.8E+03	n		1.5E+00		
Pendimethalin	40487-42-1				0	4.0E-02	I	0						2.4E+03	n	2.5E+04	n			1.5E+03	n		1.7E+01		
Pentabromodiphenyl Ether	32534-81-9				0	2.0E-03	I	0						1.2E+02	n	1.2E+03	n			7.3E+01	n		3.2E+00		
Pentabromodiphenyl ether, 2,2',4,4',5-(BDE-99)	60348-60-9				0	1.0E-04	I	0																	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information										Screening Levels										Protection of Groundwater Soil							
		SFO (mg/kg-day)	IUR (ug/m ³ -y)	ke (mg/kg-day) ⁻¹	RfDo (mg/kg-day)	RfCI (mg/m ³ -y)	RfDI (mg/kg-day) ⁻¹	vo	muta-gen	GIABS	ABS	Csat (mg/kg)	Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Residential Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)									
-Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39835-31-9	1.3E+01	C	3.8E-03	13.3						0	1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c			3.6E-03			
-Hexachlorobiphenyl, 2,3,4',4',5,5'-(PCB 167)	52663-72-6	1.3E+00	C	3.8E-04	1.33						0	1	0.14	3.4E-01	c	1.1E+00	c	6.4E-03	c	3.2E-02	c	5.2E-02	c			2.2E-02			
-Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)	69782-90-7	6.5E+01	C	1.9E-02	66.5						0	1	0.14	6.8E-03	c	2.3E-02	c	1.3E-04	c	6.5E-04	c	1.0E-03	c			4.4E-04			
-Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 156)	38380-08-4	6.5E+01	C	1.9E-02	66.5						0	1	0.14	6.8E-03	c	2.3E-02	c	1.3E-04	c	6.5E-04	c	1.0E-03	c			4.4E-04			
-Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.3E+03	C	3.8E-01	1330						0	1	0.14	3.4E-04	c	1.1E-03	c	6.4E-06	c	3.2E-05	c	5.2E-05	c			2.2E-05			
-Pentachlorobiphenyl, 2',3,4,4',5'-(PCB 123)	65510-44-3	1.3E+01	C	3.8E-03	13.3						0	1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c			1.4E-03			
-Pentachlorobiphenyl, 2,3',4,4',5'-(PCB 118)	31508-00-6	1.3E+01	C	3.8E-03	13.3						0	1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c			1.3E-03			
-Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.3E+01	C	3.8E-03	13.3						0	1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c			1.4E-03			
-Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 114)	74472-37-0	6.5E+02	C	1.9E-02	66.5						0	1	0.14	6.8E-04	c	2.3E-03	c	1.3E-04	c	6.5E-04	c	1.0E-04	c			2.7E-05			
-Pentachlorobiphenyl, 3,3',4,4',5'-(PCB 126)	57465-28-8	1.3E+04	C	3.8E+00	13300						0	1	0.14	3.4E-05	c	1.1E-04	c	6.4E-07	c	3.2E-06	c	5.2E-06	c			1.3E-06			
-Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	1.995						0	1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.2E-02	c	1.7E-01	c	5.0E-01		2.6E-02	7.8E-02		
-Polychlorinated Biphenyls (low risk)	1336-36-3	4.0E-01	I	1.0E-04	0.35						0	1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.2E-02	c	1.7E-01	c	5.0E-01		2.6E-02	7.8E-02		
-Polychlorinated Biphenyls (lowest risk)	1336-36-3	7.0E-02	I	2.0E-05	0.07						0	1	0.14	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.2E-02	c	1.7E-01	c	5.0E-01		2.6E-02	7.8E-02		
-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	1.3E+01	C	3.8E-03	13.3						0	1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c			8.1E-04			
-Tetrachlorobiphenyl, 3,4,4',5'-(PCB 81)	70362-50-4	1.3E+01	C	3.8E-03	13.3						0	1	0.14	3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c			8.1E-04			
Polymeric Methylenediphenyl Diisocyanate (PMDI)	9016-87-9				0			6.0E-04	I	0.0001714			1	0.1	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n							
Polynuclear Aromatic Hydrocarbons (PAHs)					0						0																		
-Acenaphthene	83-32-9				0			6.0E-02	I	0			1	0.13	3.4E+03	n	3.3E+04	n					2.2E+03	n			2.2E+01		
-Anthracene	120-12-7				0			3.0E-01	I	0		V	1	0.13	1.7E+04	n	1.7E+05	nm					1.1E+04	n			3.6E+02		
-Benz[a]anthracene	56-55-3	7.3E-01	E	1.1E-04	0.385						0	M	1	0.13	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c			1.0E-02		
-Benzo[b]fluoranthene	205-82-3	1.2E+00	C	1.1E-04	0.385						0		1	0.13	5.3E-01	c	2.4E+00	c	2.6E-02	c	1.1E-01	c	5.6E-02	c			6.7E-02		
-Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	3.85						0	M	1	0.13	1.5E-02	c	2.1E-01	c	8.7E-04	c	1.1E-02	c	2.9E-03	c	2.0E-01		3.5E-03	2.4E-01	
-Benzo[b]fluoranthene	205-99-2	7.3E-01	E	1.1E-04	0.385						0	M	1	0.13	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c			3.5E-02		
-Benzo[k]fluoranthene	207-08-9	7.3E-02	E	1.1E-04	0.385						0	M	1	0.13	1.5E+00	c	2.1E+01	c	8.7E-03	c	1.1E-01	c	2.9E-01	c			3.5E-01		
-Chrysene	218-01-9	7.3E-03	E	1.1E-05	0.0385						0	M	1	0.13	1.5E+01	c	2.1E+02	c	8.7E-02	c	1.1E+00	c	2.9E+00	c			1.1E+00		
-Dibenz[a,h]anthracene	53-70-3	7.3E+00	E	1.2E-03	4.2						0	M	1	0.13	1.5E-02	c	2.1E-01	c	8.0E-04	c	1.0E-02	c	2.9E-03	c			1.1E-02		
-Dibenz[a,e]pyrene	192-65-4	1.2E+01	C	1.1E-03	3.85						0			5.3E-02	c	2.4E-01	c	2.2E-03	c	1.1E-02	c	5.6E-03	c			7.3E-02			
-Dimethylbenz[a]anthracene, 7,12-	57-97-6	2.5E+02	C	7.1E-02	248.5						0		1	0.13	1.8E-03	c	6.2E-03	c	3.4E-05	c	1.7E-04	c	2.7E-04	c			2.7E-04		
-Fluoranthene	206-44-0				0			4.0E-02	I	0			1	0.13	2.3E+03	n	2.2E+04	n					1.5E+03	n			1.6E+02		
-Fluorene	86-73-7				0			4.0E-02	I	0		V	1	0.13	2.3E+03	n	2.2E+04	n					1.5E+03	n			2.7E-01		
-Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	E	1.1E-04	0.385						0	M	1	0.13	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c			1.2E-01		
-Methylnaphthalene, 1-	90-12-0	2.9E-02	P		0			7.0E-02	A	0		V	1	0.13	2.2E+01	c	9.9E+01	c					2.3E+00	c			1.2E-02		
-Methylnaphthalene, 2-	91-57-6				0			4.0E-03	I	0		V	1	0.13	3.1E+02	n	4.1E+03	ns					1.5E+02	n			7.5E-01		
-Naphthalene	91-20-3			3.4E-05	0.119			2.0E-02	I	3.0E-03	I	0.00085714		1	0.13	3.6E+00	c*	1.8E+01	c*	7.2E-02	c*	3.6E-01	c*	1.4E-01	c*			4.7E-04	
-Nitrofluorene, 4-	57835-92-4	1.2E+00	C	1.1E-04	0.385						0			5.3E-01	c	2.4E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c			9.7E-03			
-Pyrene	129-00-0				0			3.0E-02	I	0		V	1	0.13	1.7E+03	n	1.7E+04	n					1.1E+03	n			1.2E+02		
Potassium Perchlorate	7778-74-7				0			7.0E-04	I	0			1		5.5E+01	n	7.2E+02	n					2.6E+01	n			2.3E-03		
Prochloraz	67747-09-5	1.5E-01	I		0			9.0E-03	I	0			1	0.1	3.2E+00	c	1.1E+01	c					4.5E-01	c			1.3E+01		
Profluralin	26399-36-0				0			6.0E-03	H	0			1	0.1	3.7E+02	n	3.7E+03	n					2.2E+02	n			1.3E+01		
Prometon	1610-18-0				0			1.5E-02	I	0			1	0.1	9.2E+02	n	9.2E+03	n					5.5E+02	n			2.6E-01		
Prometryn	7287-19-6				0			4.0E-03	I	0			1	0.1	2.4E+02	n	2.5E+03	n					1.5E+02	n			2.2E-01		
Propachlor	1918-16-7				0			1.3E-02	I	0			1	0.1	7.9E+02	n	8.0E+03	n					4.7E+02	n			2.9E-01		
Propanil	709-98-8				0			5.0E-03	I	0			1	0.1	3.1E+02	n	3.1E+03	n					1.8E+02	n			1.0E-01		
Propargite	2312-35-8				0			2.0E-02	I	0			1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n			5.4E+01		
Propargyl Alcohol	107-19-7				0			2.0E-03	I	0			1	0.1	1.2E+02	n	1.2E+03	n					7.3E+01	n			1.5E-02		
Propazine	139-40-2				0			2.0E-02	I	0			1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n			6.5E-01		
Propham	122-42-9				0			2.0E-02	I	0			1	0.1	1.2E+03	n	1.2E+04	n					7.3E+02	n			4.7E-01		
Propiconazole	60207-90-1				0			1.3E-02	I	0			1	0.1	7.9E+02	n	8.0E+03	n					4.7E+02						

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information														Screening Levels										Protection of Groundwater Soil							
		SFO		IUR		SFI		RfDo		RfCI		RfDI		v		CSat		Residential Soil		Industrial Soil		Residential Air		Industrial Air		Tapwater		MCL		Risk-based SSL		MCL-based SSL	
		(mg/kg-day) ¹	key	(ug/m ³) ¹	key	(mg/kg-day) ¹	key	(mg/kg-day)	key	(mg/m ³) ¹	key	(mg/kg-day) ¹	key	o	muta-	GIABS	ABS	mg/kg	key	mg/kg	key	ug/m ³	key	ug/m ³	key	ug/L	key	ug/L	mg/kg	mg/kg			
Tebuthiuron	34014-18-1			0		7.0E-02	I	0		0		0				1	0.1	4.3E+03	n	4.3E+04	n				2.6E+03	n					7.3E-01		
Temephos	3383-96-8			0		2.0E-02	H	0		0		0				1	0.1	1.2E+03	n	1.2E+04	n				7.3E+02	n					1.4E+02		
Terbacil	5902-51-2			0		1.3E-02	I	0		0		0				1	0.1	7.9E+02	n	8.0E+03	n				4.7E+02	n					1.4E-01		
Terbufos	13071-79-9			0		2.5E-05	H	0		0		0				1	0.1	1.5E+00	n	1.5E+01	n				9.1E-01	n					2.0E-03		
Terbutryn	886-50-0			0		1.0E-03	I	0		0		0				1	0.1	6.1E+01	n	6.2E+02	n				3.7E+01	n					5.2E-02		
Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1			0		1.0E-04	I	0		0		0				1	0.1	7.8E+00	n	1.0E+02	n				3.7E+00	n					9.7E-02		
Tetrachlorobenzene, 1,2,4,5-	95-94-3			0		3.0E-04	I	0		0		0				1	0.1	1.8E+01	n	1.8E+02	n				1.1E+01	n					5.1E-02		
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	0.0259	0.0E-02	I	0	0	V	0	V			1	6.8E+02	1.9E+00	c	9.3E+00	c	3.3E-01	c	1.7E+00	c	5.2E-01	c	6.7E-02	c	2.0E-04			
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	0.203	4.0E-03	P	0	0	V	0	V			1	1.9E+03	5.6E-01	c	2.8E+00	c	4.2E-02	c	2.1E-01	c	6.7E-02	c	6.7E-02	c	5.0E+00			
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	0.02065	1.0E-02	I	2.7E-01	A	0.0771429	V	1			1	1.7E+02	5.5E-01	c	2.6E+00	c	4.1E-01	c	2.1E+00	c	1.1E-01	c	1.1E-01	c	4.9E-05	2.3E-03		
Tetrachlorophenol, 2,3,4,6-	58-90-2			0		3.0E-02	I	0		0		0				1	0.1	1.8E+03	n	1.8E+04	n				1.1E+03	n					6.7E+00		
Tetraethyltoluene, p-alpha, alpha, alpha-Tetraethyl Dithiopyrophosphate	5216-25-1	2.0E+01	H			0		0		0		0				1	0.1	2.4E-02	c	8.6E-02	c				3.4E-03	c					1.1E-05		
Tetrafluoroethane, 1,1,1,2-	3689-24-5			0		5.0E-04	I	0		0		0				1	0.1	3.1E+01	n	3.1E+02	n				1.8E+01	n					1.3E-02		
Tetrafluoroethane, 1,1,1,2-	811-97-2			0		8.0E+01	I	22.857143	V	1		1				1	1.1E+03	1.1E+05	nms	4.6E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n					9.3E+01	
Tetryl (Trinitrophenylmethyltriamine)	479-45-8			0		4.0E-03	P	0		0		0				1	0.1	2.4E+02	n	2.5E+03	n				1.5E+02	n					1.4E+00		
Thallium (Soluble Salts)	7440-28-0			0		0		0		0		0				1																	
Thiobencarb	28249-77-6			0		1.0E-02	I	0		0		0				1	0.1	6.1E+02	n	6.2E+03	n				3.7E+02	n						1.3E+00	
Thiodiglycol	111-48-8			0		7.0E-02	X	0		0		0				1	0.008	5.4E+03	n	6.8E+04	n				2.6E+03	n					5.2E-01		
Thiofanox	39196-18-4			0		3.0E-04	H	0		0		0				1	0.1	1.8E+01	n	1.8E+02	n				1.1E+01	n						3.8E-03	
Thiophanate, Methyl	23564-05-8			0		8.0E-02	I	0		0		0				1	0.1	4.9E+03	n	4.9E+04	n				2.9E+03	n						2.5E+00	
Thiram	137-26-8			0		5.0E-03	I	0		0		0				1	0.1	3.1E+02	n	3.1E+03	n				1.8E+02	n						2.6E-01	
Tin	7440-31-5			0		6.0E-01	H	0		0		0				1		4.7E+04	n	6.1E+05	nm				2.2E+04	n						5.5E+03	
Titanium Tetrachloride	7550-45-0			0		1.0E-04	A	2.857E-05	V	1		1				1		1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n							1.0E+03	
Toluene	108-88-3			0		8.0E-02	I	5.0E+00	I	1.4285714	V	1				1		5.0E+03	ns	4.5E+04	ns	5.2E+03	n	2.2E+04	n	2.3E+03	n					1.6E+00	6.9E-01
Toluidine, p-	106-49-0	1.9E-01	H			0		0		0		0				1	0.1	2.6E+00	c	9.1E+00	c				3.5E-01	c					1.5E-04		
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I	1.12		0		0		0				1	0.1	4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	6.1E-02	c	3.0E+00				9.4E-03	4.6E-01
Tralometrin	66841-25-6			0		7.5E-03	I	0		0		0				1	0.1	4.6E+02	n	4.6E+03	n				2.7E+02	n						1.0E+02	
Tri-n-butyltin	688-73-3			0		3.0E-04	A	0		0		0				1	0.1	1.8E+01	n	1.8E+02	n				1.1E+01	n						2.4E-01	
Triallate	2303-17-5			0		1.3E-02	I	0		0		0				1	0.1	7.9E+02	n	8.0E+03	n				4.7E+02	n						1.1E+00	
Trisulfuron	82097-50-5			0		1.0E-02	I	0		0		0				1	0.1	6.1E+02	n	6.2E+03	n				3.7E+02	n						3.8E-01	
Tribromobenzene, 1,2,4-	615-54-3			0		5.0E-03	I	0		0		0				1	0.1	3.1E+02	n	3.1E+03	n				1.8E+02	n						2.6E-01	
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P	0		0		0				1	0.1	5.3E+01	c	1.9E+02	c				7.3E+00	n						3.6E-02	
Tributyltin Compounds	NA			0		3.0E-04	P	0		0		0				1	0.1	1.8E+01	n	1.8E+02	n				1.1E+01	n						5.7E+02	
Tributyltin Oxide	56-35-9			0		3.0E-04	I	0		0		0				1	0.1	1.8E+01	n	1.8E+02	n				1.1E+01	n						5.7E+02	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			0		3.0E+01	I	3.0E+01	H	8.5714286	V	1				1		4.3E+04	ns	1.8E+05	nms	3.1E+04	n	1.3E+05	n	5.9E+04	n					1.5E+02	
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H			0		0		0		0				1	0.1	1.7E+01	c	5.9E+01	c				2.3E+00	c						6.4E-03	
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H			0		0		0		0				1	0.1	1.4E+01	c	5.1E+01	c				2.0E+00	c						1.8E-02	
Trichlorobenzene, 1,2,3-	87-61-6			0		8.0E-04	X	0		0	V	1				1	0.1	4.9E+01	n	4.9E+02	ns				2.9E+01	n						8.7E-02	
Trichlorobenzene, 1,2,4-	120-82-1	2.9E-02	P			1.0E-02	I	2.0E-03	P	0.0005714	V	1				1	0.1	2.2E+01	c**	9.9E+01	c**	2.1E+00	n	8.8E+00	n	2.3E+00	c**	7.0E+01				6.8E-03	2.0E-01
Trichloroethane, 1,1,1-	71-55-6			0		2.0E+00	I	5.0E+00	I	1.4285714	V	1				1		6.4E+02	7.8E+03	ns	3.8E+04	ns	5.2E+03	n	2.2E+04	n	9.1E+03	n	2.0E+02			3.2E+00	7.0E-02
Trichloroethane, 1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	0.056	4.0E-03	I	0	0	V	1				1	0.1	1.1E+00	c	5.3E+00	c	1.5E-01	c	7.7E-01	c	2.4E-01	c	5.0E+00				7.8E-05	1.6E-03
Trichloroethylene	79-01-6	5.9E-03	C	2.0E-06	C	0.007	0	0		0	V	1				1	0.1	2.8E+00	c	1.4E+01	c	1.2E+00	c	6.1E+00	c	2.0E+00	c	5.0E+00				7.2E-04	1.8E-03
Trichlorofluoromethane	75-89-4			0		3.0E-01	I	7.0E-01	H	0.2	V	1				1		7.9E+02	n	3.4E+03	ns	7.3E+02	n	3.1E+03	n	1.3E+03	n					8.3E-01	
Trichlorophenol, 2,4,5-	95-95-4			0		1.0E-01	I	0		0		0</																					