

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL			
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> IUR (ug/m <sup>3</sup> -d) <sup>1</sup>	k <sub>e</sub> RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> RfC <sub>c</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> v c	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HQ=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
1.8E-02	C 5.1E-06	C 1.5E-01	I 1.5E-01	I 1		-1.5	1	1	Yes	ALAR	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+02	1.0E+06					9.5E-04	
8.7E-03	I 2.2E-06	I 4.0E-03	I 9.0E-03	I V		-0.34	1	1	Yes	Acephate	30560-19-1	9.0E+00	1.1E+04		8.9E+00	8.0E+00	1.1E+04					1.8E-03	
										Acetaldehyde	75-07-0			2.6E+00	2.6E+00		1.9E+00					3.8E-04	
										Acetochlor	34256-82-1					4.0E+01	2.9E+02					2.8E-02	
										Acetone	67-64-1					1.8E+03	4.4E+05	6.4E+03				2.9E-01	
										Acetone Cyanohydrin	75-86-5							1.9E+00				8.4E-05	
										Acetonitrile	75-05-8							1.3E+01				2.6E-03	
3.8E+00	C 1.3E-03	C 1.0E-01	I 6.0E-02	I V		-0.34	1	1	Yes	Acetophenone	98-86-2					2.0E+02	4.6E+03					5.8E-02	
										Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.4E-02		1.6E-02							7.2E-05	
										Acrolein	107-02-8					1.0E+00	1.7E+02	4.2E-03				8.4E-07	
5.0E-01	I 1.0E-04	I 5.0E-04	I 2.0E-05	I V	M	-0.01	1	1	Yes	Acrylamide	79-06-1	5.0E-02	2.3E+01		5.0E-02	4.0E+00	2.1E+03					1.1E-05	
										Acrylic Acid	79-10-7					1.0E+03	1.1E+05	2.1E-01				4.2E-05	
5.4E-01	I 6.8E-05	I 4.0E-02	A 2.0E-03	I V		0.25	1	1	Yes	Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+01	8.8E+03	4.2E-01				1.1E-05	
										Adiponitrile	111-69-3												
5.6E-02	C 1.0E-02	I 3.52	I 0.9	Yes		3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.2E+00		1.0E+00	2.0E+01	6.9E+01			2.0E+00	8.6E-04	1.7E-03	
										Aldicarb	116-06-3					2.0E+00	1.4E+02			3.0E+00	4.9E-04	7.5E-04	
										Aldicarb Sulfone	1646-88-4					2.0E+00	2.4E+03			2.0E+00	4.4E-04	4.4E-04	
										Aldicarb sulfoxide	1646-87-3									4.0E+00		8.8E-04	
1.7E+01	I 4.9E-03	I 3.0E-05	I V			6.5	1	1	No	Aldrin	309-00-2	4.6E-03		1.1E-03	9.2E-04	6.0E-02						1.5E-04	
										Allyl	74223-64-6					5.0E+02	2.4E+04				1.9E-01		
										Allyl Alcohol	107-18-6					1.0E+01	1.3E+03	2.1E-02				4.2E-06	
2.1E-02	C 6.0E-06	C 1.0E+00	P 1.0E-03	I V		1.93	1	1	Yes	Allyl Chloride	107-05-1	3.7E+00	3.3E+01	9.4E-01	7.3E-01	2.0E+03	4.5E+05	2.1E-01				6.7E-05	
										Aluminum	7429-90-5					8.0E-01	1.8E+02					3.0E+03	
										Aluminum Phosphide	20859-73-8											3.0E+03	
3.0E-04	I 9.0E-03	I 2.31	I 1	Yes		2.31	1	1	Yes	Amdro	67485-29-4					6.0E-01	5.1E+01					2.1E+02	
										Ametryn	834-12-8					1.8E+01	9.7E+01					1.6E-02	
2.1E+01	C 6.0E-03	C 2.86	I 1	Yes		2.86	1	1	Yes	Aminobiphenyl, 4-	92-67-1	3.7E-03	1.5E-02		3.0E-03							1.5E-05	
										Aminophenol, m-	591-27-5					1.6E+02	2.8E+04					6.1E-02	
										Aminophenol, p-	123-30-8					4.0E+01	9.1E+03					1.5E-02	
										Amifraol	33089-61-1					5.0E+00	9.7E-01					4.2E-01	
										Ammonia	7664-41-7					4.0E+02	9.1E+04	6.3E-01				4.0E-02	
										Ammonium Sulfamate	7773-86-0											6.3E-01	
										Amyl Alcohol, tert-	75-85-4											1.3E-04	
5.7E-03	I 1.6E-06	C 7.0E-03	P 1.0E-03	I		0.9	1	1	Yes	Aniline	62-53-3	1.4E+01	6.6E+02		1.3E+01	1.4E+01	7.7E+02					4.6E-03	
4.0E-02	P 4.0E-04	X 2.0E-03	X 1.0E-03	I		3.39	1	0.5	Yes	Anthraquinone, 9,10-	84-65-1	1.9E+00	4.9E+00		1.4E+00	4.0E+00	1.1E+01					1.4E-02	
										Antimony (metallic)	7440-36-0					8.0E-01	2.7E+01			6.0E+00	3.5E-02	2.7E-01	
										Antimony Pentoxide	1314-60-9					1.0E+00	3.4E+01						
										Antimony Potassium Tartrate	11071-15-1					1.8E+00	1.8E+00						
										Antimony Tetroxide	1332-81-6					8.0E-01	2.7E+01						
										Antimony Trioxide	1309-64-4					2.6E+01	2.1E+02					1.4E+00	
2.5E-02	I 7.1E-06	I 1.3E-02	H 5.0E-02	H		4.82	1	0.8	Yes	Aramid	74115-24-5	3.1E+00	2.3E+00		1.3E+00	1.0E+02	8.2E+01					1.5E-02	
1.5E+00	I 4.3E-03	I 3.0E-04	I 1.5E-05	C		1	1	1	Yes	Arsenic, Inorganic	7440-38-2	5.2E-02	9.3E+00		5.2E-02	6.0E-01	1.4E+02			1.0E+01	1.5E-03	2.9E-01	
										Arsine	7784-42-1					7.0E-03	1.6E+00					1.9E-01	
										Assure	76578-14-8					1.8E+01	3.8E+01						
2.3E-01	C 3.5E-02	I 2.61	I 1	Yes		2.61	1	1	Yes	Asulam	3337-71-1	3.4E-01	2.6E+00		3.0E-01	1.0E+02	8.0E+04					2.6E-02	
8.8E-01	C 2.5E-04	C 2.98	I 0.5	Yes		2.98	1	0.5	Yes	Atrazine	1912-24-9	8.9E-02	2.6E-01		6.6E-02	7.0E+01	6.2E+02			3.0E+00	2.0E-04	2.0E-03	
										Auramine	492-80-8											6.0E-04	
1.1E-01	I 3.1E-05	I 4.48	I 1	No		4.48	1	1	No	Avermectin B1	65195-55-3	7.1E-01	7.0E-01	1.8E-01	1.2E-01	8.0E-01						1.4E+00	
										Azobenzene	103-33-3					2.0E+03	6.8E+06					9.2E-04	
										Azodicarbonamide	123-77-3											6.8E-01	
5.0E-01	C 1.5E-01	C 2.0E-01	C 5.0E-04	H	M	0.07	1	1	Yes	Barium	7440-39-3	5.0E-02	2.3E-01		4.1E-02	4.0E+02	6.4E+03			2.0E+03	1.6E+01	8.2E+01	
										Barium Chromate	10294-40-3					4.0E+01	2.3E+02						
										Baygon	114-26-1					8.0E+00	3.6E+02					2.5E-03	
										Bayleton	43121-43-3					6.0E+01	6.9E+02					4.4E-02	
										Baythroid	68359-37-5					5.0E+01	1.6E+01					3.1E+00	
										Benefin	1861-40-1					6.0E+02	2.4E+02					5.6E+00	
										Benomyl	17804-35-2					1.0E+02	3.0E+03					8.5E-02	
										Bentazon	25057-89-0					6.0E+01	9.4E+02					1.2E-02	
										Benzaldehyde	100-52-7					2.0E+02	4.9E+03					4.3E-02	
5.5E-02	I 7.8E-06	I 4.0E-03	I 3.0E-02	I V		2.13	1	1	Yes	Benzene	71-43-2	1.4E+00	9.4E+00	7.2E-01	4.5E-01	8.0E+00	6.0E+01	6.3E+00			5.0E+00	2.3E-04	2.6E-03
1.0E-01	X 3.0E-04	X 1.0E-03	X 2.52	I 1	No	-3.727	1	1	No	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.8E-01			7.8E-01	6.0E-01						1.7E-04	
										Benzenethiol	108-98-5					2.0E+00	1.0E+01					1.1E-03	
2.3E+02	I 6.7E-02	I 3.0E-03	I 1.34	I 1	Yes	1.34	1	1	Yes														

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL				
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	RfD <sub>d</sub> (mg/kg-day)	k <sub>e</sub> (y)	RfC <sub>d</sub> (ug/m <sup>3</sup> )	k <sub>e</sub> (y)	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.1E+00	I	3.3E-04	I				V	1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.6E+00	1.7E-02	1.4E-02						3.6E-06	
2.2E+02	I	6.2E-02	I				V	0.57	1	1	Yes	Bis(chloromethyl)ether	542-88-1	3.5E-04	3.2E-02	9.1E-05	7.2E-05						1.7E-08	
				5.0E-02	I		V	3.32	1	1	Yes	Bisphenol A	80-05-7					1.0E+02	3.2E+02		7.7E+01		5.8E+00	
				2.0E-01	I	2.0E-02	H		1	1	Yes	Boron And Borates Only	7440-42-8					4.0E+02	9.1E+04		4.0E+02		1.3E+00	
				2.0E+00	P	2.0E-02	P V	1.16	1	1	Yes	Boron Trichloride	10294-34-5					4.0E+03	9.1E+05	4.2E+00	4.2E+00			
				4.0E-02	C	1.3E-02	C V	0.22	1	1	Yes	Boron Trifluoride	7637-07-2					8.0E+01	1.8E+04	2.7E+00	2.8E+00			
7.0E-01	I			4.0E-03	I		V	1.92	1	1	Yes	Bromate	15541-45-4	1.1E-01	2.0E+01		1.1E-01	8.0E+00	1.8E+03		8.0E+00	1.0E+01	8.5E-04	7.7E-02
2.0E+00	X	6.0E-04	X				V	2.99	1	1	Yes	Bromo-2-chloroethane, 1-Bromobenzene	107-04-0 108-86-1	3.9E-02	5.5E-01	9.4E-03	7.4E-03	1.6E+01	5.4E+01	1.3E+01	6.2E+00		2.1E-06	4.2E-03
				4.0E-02	X V		V	1.41	1	1	Yes	Bromochloromethane	74-97-5						8.3E+00		8.3E+00		2.1E-03	
6.2E-02	I	3.7E-05	C	2.0E-02	I		V	2	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.8E+01	1.5E-01	1.3E-01	4.0E+01	6.4E+02		3.8E+01	8.0E+01(F)	3.7E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I		V	2.4	1	1	Yes	Bromoforn	75-25-2	9.9E+00	1.4E+02	5.1E+00	3.3E+00	4.0E+01	6.2E+02		3.8E+01	8.0E+01(F)	8.7E-04	2.1E-02
				1.4E-03	I	5.0E-03	I V	1.19	1	1	Yes	Bromomethane	74-83-9					2.8E+00	1.0E+02	1.0E+00	7.5E-01		1.9E-04	
				5.0E-03	H		V	5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+01	5.5E+00		3.5E+00		1.5E-02	
				2.0E-02	I		V	3.39	1	0.9	Yes	Bromoxynil	1689-84-5					4.0E+01	1.8E+02		3.3E+01		2.8E-02	
3.4E+00	C	3.0E-05	I	2.0E-02	I		V	5.4	1	0.8	Yes	Bromoxynil Octanoate	1689-99-2					4.0E+01	2.1E+01		1.4E+01		1.2E-01	
				2.0E-01	I	2.0E-03	I V	1.99	1	1	Yes	Butadiene, 1,3-	106-99-0					2.0E+02	1.0E+04	4.2E-01	4.2E-01		9.9E-06	
1.9E-03	P			1.0E-01	I		V	0.88	1	1	Yes	Butanol, n-	71-36-3	2.3E-02	1.6E-01	1.9E-01	1.8E-02	2.0E+02	1.0E+04		2.0E+02		4.1E-02	
				2.0E-01	I		V	4.73	1	0.9	Yes	Butyl Benzyl Phthlate	85-68-7	4.1E+01	2.6E+01		1.6E+01	4.0E+02	2.9E+02		1.7E+02		2.3E-01	
				2.0E+00	P	3.0E+01	P V	0.61	1	1	Yes	Butyl alcohol, sec-	78-92-2					4.0E+03	3.0E+05	6.3E+03	2.4E+03		5.0E-01	
3.6E-03	P			5.0E-02	I		V	4.15	1	1	Yes	Butylate	2008-41-5	1.0E+02	8.5E+01			1.0E+02	8.5E+01		4.8E+01		4.5E-02	
2.0E-04	C	5.7E-08	C	3.0E-01	P		V	3.5	1	1	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	6.2E+02		2.4E+02	6.0E+02	1.2E+02		1.0E+02		4.5E-01	
3.6E-03	P			5.0E-02	P		V	5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	3.8E+00		3.3E+00	1.0E+02			1.0E+02		9.7E-02	
				1.0E-01	X		V	4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+02			2.0E+02		5.9E-01	
				1.0E-01	X		V	4.11	1	1	Yes	Butylbenzene, tert-	98-06-6					2.0E+02			1.1E+02		1.6E-01	
				2.0E-02	A		V	0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+01	6.7E+03		4.0E+01			
		1.8E-03	I	1.0E-03	I	1.0E-05	A		0.025	1	Yes	Cadmium (Diet)	7440-43-9					1.0E+00	1.1E+01		9.2E-01	5.0E+00	6.9E-02	3.8E-01
		1.8E-03	I	5.0E-04	I	1.0E-05	A		0.05	1	Yes	Cadmium (Water)	7440-43-9					4.0E+01	2.3E+02		3.4E+01			
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C M		0.025	1	Yes	Calcium Chromate	13765-19-0	5.0E-02	2.3E-01		4.1E-02							
				5.0E-01	I	2.2E-03	C	-0.19	1	1	Yes	Caprolactam	105-60-2					1.0E+03	9.0E+04		9.9E+02		2.5E-01	
1.5E-01	C	4.3E-05	C	2.0E-03	I		V	3.8	1	0.9	Yes	Captafol	2425-06-1	5.2E-01	1.7E+00		4.0E-01	4.0E+00	1.5E+01		3.2E+00		7.1E-04	
2.3E-03	C	6.6E-07	C	1.3E-01	I		V	2.8	1	1	Yes	Captran	133-06-2	3.4E+01	3.4E+02		3.1E+01	2.6E+02	3.0E+03		2.4E+02		2.2E-02	
				1.0E-01	I		V	2.36	1	1	Yes	Carbaryl	63-25-2					2.0E+02	2.4E+03		1.8E+02		1.7E-01	
				5.0E-03	I		V	2.32	1	1	Yes	Carbuturan	1563-66-2					1.0E+01	1.4E+02		9.4E+00	4.0E+01	3.7E-03	1.6E-02
				1.0E-01	I	7.0E-01	I V	1.94	1	1	Yes	Carbon Disulfide	75-15-0					2.0E+02	2.0E+03	1.5E+02	1.8E+01		2.4E-02	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I V	2.83	1	1	Yes	Carbon Tetrachloride	56-23-5	1.1E+00	4.2E+00	9.4E-01	4.5E-01	8.0E+00	3.4E+01	2.1E+01	4.9E+00	5.0E+00	1.8E-04	1.9E-03
				1.0E-02	I		V	3.81	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+01	6.9E+00		5.1E+00		1.2E-01	
				1.0E-01	I		V	2.14	1	1	Yes	Carboxin	5234-68-4					2.0E+02	4.1E+03		1.9E+02		1.0E-01	
						9.0E-04	I			1	Yes	Ceric oxide	1306-38-3					2.0E+02	1.5E+04		2.0E+02		4.0E-02	
				1.0E-01	I		V	0.99	1	1	Yes	Chloral Hydrate	302-17-0					3.0E+01	7.4E+02		2.9E+01		7.0E-03	
				1.5E-02	I		V	1.9	1	1	Yes	Chloramben	133-90-4											
4.0E-01	H			2.22	1		V	2.22	1	1	Yes	Chloranil	118-75-2	1.9E-01	3.4E+00		1.8E-01	1.0E+00			1.5E-01	2.0E+00	1.5E-04	1.4E-01
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I V	6.26	1	0.7	No	Chloroacetic Acid	12789-03-6	2.2E-01		5.6E-02	4.5E-02	6.0E-01	5.4E-01	1.5E-01	1.3E-01		3.0E-03	
1.0E+01	I	4.6E-03	C	3.0E-04	I		V	5.41	1	0.8	Yes	Chloroacetic Acid	143-60-0	7.8E-03	6.2E-03		3.5E-03	6.0E-01			2.9E-01		1.2E-04	
				7.0E-04	A		V	3.81	1	0.9	Yes	Chlorofeniphos	470-90-6					1.4E+00	5.6E+00		1.1E+00		3.1E-03	
				2.0E-02	I		V	2.5	1	1	Yes	Chlorimuron, Ethyl-	90982-32-4					4.0E+01	1.5E+03		3.9E+01		1.3E-02	
				1.0E-01	I	1.5E-04	A V	0.85	1	1	Yes	Chlorine	7782-50-5					2.0E+02	4.5E+04	3.0E-02	3.0E-02		1.4E-05	
				3.0E-02	I	2.0E-04	I V			1	Yes	Chlorine Dioxide	10049-04-4					6.0E+01	1.4E+04	4.2E-02	4.2E-02			
				3.0E-02	I		V			1	Yes	Chlorite (Sodium Salt)	7758-19-2					6.0E+01	1.4E+04		1.0E+04	1.0E+03		
				5.0E+01	I V		V	2.05	1	1	Yes	Chloro-1,1-difluoroethane, 1-	75-68-3										5.2E+00	
4.6E-01	H			3.0E-04	I	2.0E-02	I V	2.53	1	1	Yes	Chloro-1,3-butadiene, 2-	126-99-8			1.9E-02	1.9E-02	4.0E+01	1.8E+02	4.2E+00	3.7E+00		9.8E-06	
1.0E-01	P	7.7E-05	C	3.0E-03	X		V	-1.42	1	1	Yes	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.7E-01	4.9E+02		1.7E-01						1.5E-04	
				2.27	1	1	Yes	95-69-2			Yes	Chloro-2-methylaniline, 4-	95-69-2	7.8E-01	6.4E+00		6.9E-01	6.0E+00	5.5E+01		5.4E+00		4.0E-04	
2.7E-01	X						V	0.09	1	1	Yes	Chloroacetaldehyde, 2-	107-20-0	2.9E-01	4.4E+01		2.9E-01						5.8E-05	

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			Protection of Groundwater SSL							
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	k <sub>e</sub> (y)	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> (y)	RF <sub>c</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	k <sub>e</sub> (y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
2.4E+02	C	6.9E-02	C	2.0E-01	I	1.0E-03	A		-1.02	1	1	Yes	Chloroacetoin	54749-90-5	3.2E-04	7.1E-01		3.2E-04	4.0E+02	9.9E+02		2.8E+02		7.1E-08		
				1.0E-03	A				4.96	1	0.8	Yes	Chloroprotham	101-21-3					2.0E+00	1.5E+00		8.4E-01		2.6E-01		
				1.0E-02	H				4.31	1	0.9	Yes	Chloropyrifos Methyl	5598-13-0					2.0E+01	2.9E+01		1.2E+01		5.4E-02		
				5.0E-02	I				2	1	1	Yes	Chlorsulfuron	64902-72-3					1.0E+02	5.7E+03		9.9E+01		8.3E-02		
				8.0E-04	H				5.8	1	0.8	Yes	Chlorothiophos	60238-56-4					1.6E+00	3.4E-01		2.8E-01		7.3E-03		
5.0E-01	J	8.4E-02	S	1.5E+00	I	1.0E-04	I	M		0.013	1	Yes	Chromium(III), Insoluble Salts	16065-83-1	5.0E-02	1.1E-01		3.5E-02	3.0E+03	8.9E+03		2.2E+03		4.0E+06		
				3.0E-03	I				0.025	1	1	Yes	Chromium(VI)	18540-29-9					6.0E+00	1.7E+01		4.4E+00	1.0E+02	6.7E-04	1.8E+05	
				9.0E-03	P	3.0E-04	P	6.0E-06	P	1	1	Yes	Cobalt	7440-48-4					6.0E-01	3.4E+02		6.0E-01		2.7E-02		
				6.2E-04	I	4.0E-02	H			1	0	Yes	Coke Oven Emissions	8007-45-2					8.0E+01	1.8E+04		8.0E+01	1.3E+03	2.8E+00	4.6E+01	
				4.0E-02	H	1.60E-01	C		1.96	1	1	Yes	Cresol, m-	108-39-4					1.0E+02	1.2E+03		9.3E+01		7.4E-02		
				1.60E-01	C	1.60E-01	C		1.95	1	1	Yes	Cresol, o-	95-48-7					1.0E+02	1.2E+03		9.3E+01		7.5E-02		
				1.60E-01	A	6.0E-01	C		1.94	1	1	Yes	Cresol, p-	106-44-5					2.0E+02	2.5E+03		1.9E+02		1.5E-01		
				1.0E-01	A				3.1	1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.0E+02	5.2E+02		1.4E+02		1.7E-01		
				1.0E-01	A	6.0E-01	C		1.95	1	1	Yes	Cresols	1319-77-3					2.0E+02	2.4E+03		1.9E+02		1.5E-01		
1.8E+00	H			1.0E-03	P			V	0.6	1	1	Yes	Crotonaldehyde, trans-	123-73-9	4.1E-02	2.6E+00		4.0E-02	2.0E+00	1.5E+02		2.0E+00		8.2E-06		
				1.0E-01	I	4.0E-01	I	V	3.66	1	1	Yes	Cumene	98-82-8					2.0E+02	1.9E+02	8.3E+01	4.5E+01		7.4E-02		
2.2E-01	C	6.3E-05	C						-3.16	1	1	No	Cupferron	135-20-6	3.5E-01			3.5E-01						6.1E-04		
8.4E-01	H			2.0E-03	H				2.22	1	1	Yes	Cyanazine	21725-46-2	9.3E-02	1.5E+00		8.7E-02	4.0E+00	7.5E+01		3.8E+00		4.1E-05		
				1.0E-03	I					1	1	Yes	Cyanides						2.0E+00	4.5E+02		2.0E+00				
				5.0E-03	I					1	1	Yes	-Calcium Cyanide	592-01-8					1.0E+01	2.3E+03		1.0E+01				
				6.0E-04	I	8.0E-04	S	V		1	1	Yes	-Cyanide (CN-)	57-12-5					1.2E+00	2.7E+02	1.7E-01	1.5E-01	2.0E+02	1.5E-03	2.0E+00	
				1.0E-03	I				0.07	1	1	Yes	-Cyanogen	460-19-5					2.0E+00	5.1E+02		2.0E+00				
				9.0E-02	I					1	1	Yes	-Cyanogen Bromide	506-68-3					1.8E+02	1.6E+05		1.8E+02				
				5.0E-02	I					1	1	Yes	-Cyanogen Chloride	506-77-4					1.0E+02	5.8E+04		1.0E+02				
				6.0E-04	I	8.0E-04	I	V	-0.25	1	1	Yes	-Hydrogen Cyanide	74-90-8					1.2E+00	2.7E+02	1.7E-01	1.5E-01		1.5E-03		
				2.0E-03	I					1	1	Yes	-Potassium Cyanide	151-50-8					4.0E+00	4.5E+02		4.0E+00				
				5.0E-03	I				0.04	1	1	Yes	-Potassium Silver Cyanide	506-61-6					1.0E+01	4.5E+01		8.2E+00				
				1.0E-01	I				0.04	1	1	Yes	-Silver Cyanide	506-64-9					2.0E+02	1.8E+03		1.8E+02				
				1.0E-03	I					1	1	Yes	-Sodium Cyanide	133-33-9					2.0E+00	4.5E+02		2.0E+00	2.0E+02			
				2.0E-04	P					1	1	Yes	-Thiocyanates	NA					4.0E-01	9.1E+01		4.0E-01				
				2.0E-04	X				0.58	1	1	Yes	-Thiocyanic Acid	463-56-9					4.0E-01	9.1E+01		4.0E-01				
				5.0E-02	I					1	1	Yes	-Zinc Cyanide	557-21-1					1.0E+02	3.8E+04		1.0E+02				
2.3E-02	H			6.0E+00	I	V			3.44	1	1	Yes	Cyclohexane	110-82-7							1.3E+03	1.3E+03		1.3E+00		
				5.0E+00	I	7.0E-01	P	V	4.72	1	0.9	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.0E+00		2.4E+00	1.0E+04	6.5E+05	1.5E+02	1.4E+02		1.4E-02		
				2.0E-01	I				0.81	1	1	Yes	Cyclohexanone	108-94-1					1.0E+01	2.5E+01	2.1E+02	7.0E+00		3.4E-02		
				5.0E-03	P	1.0E+00	X	V	2.86	1	1	Yes	Cyclohexene	110-83-8					4.0E+02	9.2E+03		3.8E+02		4.6E-03		
				2.0E-01	I				1.49	1	1	Yes	Cyclohexylamine	108-91-8					1.0E+01	2.5E+01		1.0E+01		1.0E-01		
				5.0E-03	I				6.9	1	0.5	No	Cyhalothrin/karate	60085-95-8					1.0E+01	9.2E+03		1.0E+01		6.9E+00		
				1.0E-02	I				6.6	1	0.7	No	Cypermethrin	52315-07-8					2.0E+01	2.0E+01		2.0E+01		3.2E+00		
2.4E-01	I	6.9E-05	C	7.5E-03	I				0.96	1	1	Yes	Cyromazine	66215-27-8					1.5E+01	1.2E+03		1.5E+01		3.8E-03		
				1.0E-02	I				6.02	1	0.8	Yes	DDD	72-54-8	3.2E-01	3.4E-02		3.1E-02	2.0E+01	1.2E+03		1.5E+01		7.2E-03		
3.4E-01	I	9.7E-05	C						6.51	1	0.8	No	DDE, p,p-	72-55-9	2.3E-01		5.8E-02	4.6E-02	1.0E+00					1.1E-02		
3.4E-01	I	9.7E-05	I	5.0E-04	I				6.91	1	0.7	No	DDT	50-29-3	2.3E-01			2.3E-01	2.0E+01				1.0E+00		7.7E-02	
				1.0E-02	I				4.28	1	0.9	Yes	Dachal	1861-32-1					2.0E+01	3.2E+01		1.2E+01		1.5E-02		
				3.0E-02	I				0.78	1	1	Yes	Dalapon	75-99-0					6.0E+01	5.5E+03		6.0E+01	2.0E+02	1.2E-02	4.1E-02	
7.0E-04	I			7.0E-03	I				12.11	1	0	No	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	1.1E+02			1.1E+02	1.4E+01				1.4E+01		7.8E+00	
				4.0E-05	I				3.21	1	0.9	Yes	Demeton	8065-48-3					8.0E-02	4.1E-01		6.7E-02				
1.2E-03	I			6.0E-01	I				8.12	1	0	No	Di(2-ethylhexyl)adipate	103-23-1	6.5E+01			6.5E+01	1.2E+03				1.2E+03	4.0E+02	4.7E+00	2.9E+01
6.1E-02	H			7.0E-04	A				4.49	1	0.9	Yes	Diallate	2303-16-4	1.3E+00	8.9E-01		5.2E-01	1.4E+00	3.9E+00		1.0E+00		7.8E-04		
				1.0E-02	X				4.38	1	1	Yes	Dibenzothiophene	132-65-0					2.0E+01	9.6E+00		6.5E+00		1.2E-01		
				2.0E-04	P	2.0E-04	I	V	2.96	1	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.6E-01	3.4E-04	3.3E-04	4.0E-01	2.4E+00	4.2E-02	3.7E-02	2.0E-01	1.4E-07	8.6E-05	
				4.0E-04	X				3.75	1	0.9	Yes	Dibromobenzene, 1,3-	108-36-1					8.0E-01	1.6E+00		5.3E-01		5.1E-04		
				1.0E-02	I				3.79	1	0.9	Yes	Dibromobenzene, 1,4-	106-37-6					2.0E+01	3.7E+01		1.3E+01		1.2E-02		
8.4E-02	I	2.7E-05	C	2.0E-02	I				2.16	1	1	Yes	Dibromochloromethane	124-48-1	9.3E-01	1.4E+01	2.1E-01	1.7E-01	4.0E+01	6.7E+02						

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1		Protection of Groundwater SSL							
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> -d) <sup>1</sup>	k <sub>e</sub> (mg/kg-day) <sup>1</sup>	RfD <sub>d</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RF <sub>c</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HQ=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				5.0E-02		2.0E-01	I	V	2.13	1	1	Yes	Dichloroethylene, 1,1-	75-35-4					1.0E+02	8.5E+02	4.2E+01	2.8E+01	7.0E+00	1.0E-02	2.5E-03
				2.0E-03	I	V	V		1.86	1	1	Yes	Dichloroethylene, 1,2-cis-	156-59-2					4.0E+00	3.6E+01		3.6E+00	7.0E+01	1.1E-03	2.1E-02
				2.0E-02	I	V	V		2.09	1	1	Yes	Dichloroethylene, 1,2-trans-	156-60-5					4.0E+01	3.6E+02		3.6E+01	1.0E+02	1.1E-02	3.1E-02
				3.0E-03	I	V	V		3.06	1	1	Yes	Dichlorophenol, 2,4-	120-83-2					6.0E+00	1.9E+01		4.6E+00		4.6E-03	
				1.0E-02	I	V	V		2.81	1	1	Yes	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					2.0E+01	1.3E+02		1.7E+01	7.0E+01	4.5E-03	1.8E-02
3.6E-02	C	1.0E-05	C	8.0E-03	I	V	V		3.53	1	0.9	Yes	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					1.6E+01	4.8E+01		1.2E+01		1.1E-02	
				9.0E-02	A	4.0E-03	I	V	1.98	1	1	Yes	Dichloropropane, 1,2-	78-87-5	2.2E+00	2.3E+01	5.6E-01	4.4E-01	1.8E+02	2.1E+03	8.3E-01	8.3E-01	5.0E+00	1.5E-04	1.7E-03
				2.0E-02	P	V	V		2	1	1	Yes	Dichloropropane, 1,3-	142-28-9					4.0E+01	4.6E+02		3.7E+01		1.3E-02	
				3.0E-03	I	V	V		0.78	1	1	Yes	Dichloropropanol, 2,3-	616-23-9					6.0E+00	4.9E+02		5.9E+00		1.3E-03	
				3.0E-02	I	2.0E-02	I	V	2.04	1	1	Yes	Dichloropropene, 1,3-	542-75-6	7.8E-01	7.5E+00	1.4E+00	4.7E-01	6.0E+01	6.5E+02	4.2E+00	3.9E+00		1.7E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I	V	1.43	1	1	Yes	Dieldrin	62-73-7	2.7E-01	1.3E+01		2.6E-01	1.0E+00	5.8E+01		9.9E-01		8.1E-05	
				8.0E-02	P	3.0E-04	X	V	3.51	1	1	Yes	Dicyclopentadiene	77-73-6					1.8E+02	3.5E+02	6.3E-02	6.3E-02		2.2E-04	
1.6E+01	I	4.6E-03	I	5.0E-05	I				5.4	1	0.8	Yes	Dieldrin	60-57-1	4.9E-03	2.6E-03		1.7E-03	1.0E-01	1.1E-02		3.8E-02		6.9E-05	
				3.0E-04	C	5.0E-03	I	V			0		Diesel Engine Exhaust	NA											
				2.0E-03	P	2.0E-04	P		-1.43	1	1	Yes	Diethanolamine	111-42-2					4.0E+00	8.4E+03		4.0E+00		8.1E-04	
				3.0E-02	P	1.0E-04	P		0.56	1	1	Yes	Diethylene Glycol Monobutyl Ether	112-34-5					6.0E+01	8.8E+03		6.0E+01		1.3E-02	
				6.0E-02	P	3.0E-04	P		-0.54	1	1	Yes	Diethylene Glycol Monoethyl Ether	111-90-0					1.2E+02	7.8E+04		2.0E+00		2.4E-02	
				1.0E-03	P		V		0.05	1	1	Yes	Diethylformamide	617-84-5					2.0E+00	4.2E+02		2.0E+00		4.1E-04	
3.5E+02	C	1.0E-01	C	5.07					5.07	1	0.9	Yes	Diethylstilbestrol	56-53-1	2.2E-04	6.3E-05		4.9E-05						2.7E-05	
				8.0E-02	I				0.65	1	1	Yes	Difenzoquat	43222-48-6					1.6E+02	7.3E+04		1.6E+02		3.3E-02	
				2.0E-02	I				3.88	1	0.9	Yes	Diflubenuron	35367-38-5					4.0E+01	1.0E+02		2.9E+01		2.8E+00	
				4.0E+01	I	V			0.75	1	1	Yes	Diffuroethane, 1,1-	75-37-6							8.3E+03	8.3E+03			
4.4E-02	C	1.3E-05	C	3.38					3.38	1	1	Yes	Dihydroasfrole	94-58-6	1.8E+00	2.2E+00	4.3E-01	3.0E-01						3.7E-04	
				7.0E-01	P	V			1.52	1	1	Yes	Diisopropyl Ether	108-20-3							1.5E+02	1.5E+02		3.7E-02	
				8.0E-02	I	V			1.03	1	1	Yes	Diisopropyl Methylphosphonate	1445-75-6					1.6E+02	1.3E+04		1.6E+02		4.5E-02	
				2.0E-02	I				-0.17	1	1	Yes	Dimethipin	55290-64-7					4.0E+01	2.4E+04		4.0E+01		8.8E-03	
				2.0E-04	I				0.78	1	1	Yes	Dimethoate	60-51-5					4.0E-01	6.4E+01		4.0E-01		9.0E-05	
1.6E+00	P			1.81					1.81	1	1	Yes	Dimethoxybenzidine, 3,3'-	119-90-4	4.9E-02	1.6E+00		4.7E-02						5.8E-05	
1.7E-03	P			6.0E-02	P				-0.61	1	1	Yes	Dimethyl methylphosphonate	756-79-6	4.6E+01	2.7E+04		4.6E+01	1.2E+02	8.1E+04		1.2E+02		9.7E-03	
4.6E+00	C	1.3E-03	C	4.58					4.58	1	1	Yes	Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	6.9E-03		4.9E-03						2.1E-05	
5.8E-01	H			-1.51					-1.51	1	1	Yes	Dimethylamine HCl, 2,4-	21436-96-4	1.3E-01	4.0E+02		1.3E-01						1.2E-04	
2.0E-01	P			2.0E-03	X				1.68	1	1	Yes	Dimethylamine, 2,4-	95-68-1	3.9E-01	6.8E+00		3.7E-01	4.0E+00	8.0E+01		3.8E+00		2.1E-04	
				2.0E-03	I	V			2.31	1	1	Yes	Dimethylamine, N,N-	121-69-7					4.0E+00	3.0E+01		3.5E+00		1.3E-03	
1.1E+01	P			2.34					2.34	1	1	Yes	Dimethylbenzidine, 3,3'-	119-93-7	7.1E-03	8.2E-02		6.5E-03						4.3E-05	
				1.0E-01	P	3.0E-02	I	V	-1.01	1	1	Yes	Dimethylformamide	68-12-2					2.0E+02	1.8E+05	6.3E+00	6.1E+00		1.2E-03	
				1.0E-04	X	2.0E-06	X	V	-1.19	1	1	Yes	Dimethylhydrazine, 1,1-	57-14-7					2.0E-01	3.5E+02	4.2E-04	4.2E-04		9.3E-08	
5.5E+02	C	1.6E-01	C	-0.54					-0.54	1	1	Yes	Dimethylhydrazine, 1,2-	540-73-8	1.4E-04	4.8E-02	3.5E-05	2.8E-05						6.5E-09	
				2.0E-02	I				2.3	1	1	Yes	Dimethylphenol, 2,4-	105-67-9					4.0E+01	3.1E+02		3.8E+01		4.2E-02	
				6.0E-04	I				2.36	1	1	Yes	Dimethylphenol, 2,6-	576-26-1					1.2E+00	8.5E+00		1.1E+00		1.3E-03	
				1.0E-03	I				2.23	1	1	Yes	Dimethylphenol, 3,4-	95-65-8					2.0E+00	1.7E+01		1.8E+00		2.1E-03	
4.5E-02	C	1.3E-05	C	2.58					2.58	1	1	Yes	Dimethylvinylchloride	513-37-1	1.7E+00	6.3E+00	4.3E-01	3.3E-01						2.0E-04	
				8.0E-05	X				2.13	1	1	Yes	Dinitro-d-cresol, 4,6-	534-52-1					1.6E-01	2.6E+00		1.5E-01		2.6E-04	
				2.0E-03	I				4.12	1	0.3	Yes	Dinitro-d-cyclohexyl Phenol, 4,6-	131-89-5					4.0E+00	5.4E+00		2.3E+00		7.7E-02	
				1.0E-04	P				1.69	1	1	Yes	Dinitrobenzene, 1,2-	528-29-0					2.0E-01	5.3E+00		1.9E-01		1.8E-04	
				1.0E-04	I				1.49	1	1	Yes	Dinitrobenzene, 1,3-	99-66-0					2.0E-01	7.2E+00		2.0E-01		1.8E-04	
				1.0E-04	P				1.46	1	1	Yes	Dinitrobenzene, 1,4-	100-25-4					2.0E-01	7.5E+00		2.0E-01		1.8E-04	
6.8E-01	I			1.67					1.67	1	1	Yes	Dinitrophenol, 2,4-	51-28-5					4.0E+00	1.2E+02		3.9E+00		4.4E-03	
3.1E-01	C	8.9E-05	C	2.18					2.18	1	1	Yes	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.1E-01	1.4E+00		1.1E-01	4.0E+00	7.5E+01		3.8E+00		1.5E-04	
1.5E+00	P			1.98					1.98	1	1	Yes	Dinitrotoluene, 2,4-	121-14-2	2.5E-01	4.1E+00		2.5E-01	4.0E+00	7.5E+01		2.4E-01		3.2E-04	
				3.0E-04	X				2.1	1	1	Yes	Dinitrotoluene, 2,6-	606-20-2	5.2E-02	7.1E-01		4.8E-02	6.0E-01	9.3E+00		5.7E-01		6.7E-05	
				2.0E-03	S				1.84	1	1	Yes	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					4.0E+00	1.0E+02		3.9E+00		3.0E-03	
				2.0E-03	S				1.84	1	1	Yes	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					4.0E+00	1.0E+02		3.9E+00		3.0E-03	
4.5E-01	X			9.0E-04	X				2.18	1	1	Yes	Dinitrotoluene, Technical grade	25321-14-6	1.7E-01	2.1E+00		1.6E-01							

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			Protection of Groundwater SSL					
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y)	RfD <sub>h</sub> (mg/kg-day)	k <sub>e</sub> (y)	RF <sub>c</sub> (mg/m <sup>3</sup> -y)	k <sub>v</sub> (y)	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HQ=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
			2.0E-02	I	V			0.86	1	1	Yes	Epoxybutane, 1,2-	106-88-7					1.0E+01	4.2E+03	4.2E+00	4.2E+00		9.2E-04	
			5.0E-03	I				-0.22	1	1	Yes	Ethephon	16672-87-0					1.0E+01	4.2E+03	4.2E+00	1.0E+01		2.1E-03	
			5.0E-04	I				5.07	1	0.8	Yes	Ethion	563-12-2					1.0E+01	7.7E-01	4.3E+01	4.3E+01		8.5E-04	
			1.0E-01	P	6.0E-02	P	V	0.59	1	1	Yes	Ethoxyethanol Acetate, 2-	111-15-9					2.0E+02	2.3E+04	1.3E+01	1.2E+01		2.5E-03	
			9.0E-02	P	2.0E-01	I	V	-0.32	1	1	Yes	Ethoxyethanol, 2-	110-80-5					1.8E+02	6.2E+04	4.2E+01	3.4E+01		6.8E-03	
4.8E-02	H		9.0E-01	I	7.0E-02	P	V	0.73	1	1	Yes	Ethyl Acetate	141-78-6	1.6E+00	4.3E+01		1.6E+00	1.8E+03	1.2E+05	1.5E+01	1.4E+01		3.1E-03	
			5.0E-03	P	8.0E-03	P	V	1.32	1	1	Yes	Ethyl Acrylate	140-88-5					1.0E+01	3.0E+02	1.7E+00	1.4E+00		3.2E-04	
			1.0E+01	I	V			1.43	1	1	Yes	Ethyl Chloride (Chloroethane)	75-00-3					4.0E+02	2.0E+04	2.1E+03	2.1E+03		5.9E-01	
			2.0E-01	I	V			0.89	1	1	Yes	Ethyl Ether	60-29-7					1.8E+02	2.3E+03	6.3E+01	3.9E+02		8.8E-02	
			9.0E-02	H	3.0E-01	P	V	1.94	1	1	Yes	Ethyl Methacrylate	97-63-2					1.8E+02	2.3E+03	6.3E+01	4.8E+01		1.1E-02	
			1.0E-05	I				4.78	1	0.8	Yes	Ethyl-p-nitrophenyl Phosphonate	2104-64-5					2.0E-02	1.6E-02	2.1E+02	8.9E-03		2.8E-04	
1.1E-02	C	2.5E-06	C					3.15	1	1	Yes	Ethylbenzene	100-41-4	7.1E+00	1.2E+01	2.2E+00	1.5E+00	2.0E+02	3.8E+02	2.1E+02	8.1E+01	7.0E+02	1.7E-03	7.9E-01
			7.0E-02	P				-0.94	1	1	Yes	Ethylene Cyanohydrin	109-78-4					1.4E+02	1.4E+05	1.4E+02	1.4E+02		2.8E-02	
			9.0E-02	P		V		-2.04	1	1	No	Ethylene Diamine	107-15-3					1.8E+02			1.8E+02		4.2E-02	
			2.0E+00	I	4.0E-01	C		-1.36	1	1	Yes	Ethylene Glycol	107-21-1					4.0E+03	5.7E+06		4.0E+03		8.1E-01	
			1.0E-01	I	1.6E+00	I		0.83	1	1	Yes	Ethylene Glycol Monobutyl Ether	111-76-2					2.0E+02	1.4E+04		2.0E+02		4.1E-02	
3.1E-01	C	8.8E-05	C					-0.3	1	1	Yes	Ethylene Oxide	75-21-8	2.5E-01	5.2E+01	6.4E-02	5.1E-02	1.6E-01	1.0E+02	6.3E+00	6.3E+00		1.1E-05	
4.5E-02	C	1.3E-05	C					-0.66	1	1	Yes	Ethylene Thiourea	96-45-7	1.7E+00	9.7E+02		1.7E+00	1.6E-01	1.0E+02	1.6E-01		3.6E-05		
6.5E+01	C	1.9E-02	C					-0.28	1	1	Yes	Ethyleneimine	151-56-4	1.2E-03	2.4E-01	3.0E-04	2.4E-04	1.6E-01	1.0E+02	1.6E-01		5.2E-08		
			3.0E+00	I				2.19	1	1	Yes	Ethylphthalyl Ethyl Glycolate	84-72-0					6.0E+03	1.5E+05		5.8E+03		1.3E+01	
			8.0E-03	I				2.55	1	1	Yes	Express	101200-48-0					1.6E+01	5.0E+02		1.6E+01		6.1E-03	
			2.5E-04	I				3.23	1	0.9	Yes	Fenamiphos	22224-92-6					5.0E-01	3.4E+00		4.4E-01		4.3E-04	
			2.5E-02	I				5.7	1	0.8	Yes	Fenpropathrin	39515-41-8					5.0E+01	7.3E+00		6.4E+00		2.9E-01	
			1.3E-02	I				2.42	1	1	Yes	Fluometuron	2164-17-2					2.6E+01	3.4E+02		2.4E+01		1.9E-02	
			4.0E-02	C	1.3E-02	C			1	1	Yes	Fluoride	16984-48-8					8.0E+01	1.8E+04		8.0E+01		1.2E+01	
			6.0E-02	I	1.3E-02	C			1	1	Yes	Fluorine (Soluble Fluoride)	7782-41-4					1.2E+02	2.7E+04		1.2E+02	4.0E+03	1.8E+01	6.0E+02
			8.0E-02	I				3.16	1	0.9	Yes	Fluridone	59756-60-4					1.6E+02	1.4E+03		1.4E+02		1.6E+01	
			2.0E-02	I				3.34	1	0.9	Yes	Flurprimidol	56425-91-3					4.0E+01	2.4E+02		3.4E+01		1.6E-01	
			6.0E-02	I				3.7	1	0.9	Yes	Flutolanil	66332-96-5					1.2E+02	4.5E+02		9.5E+01		5.0E-01	
			1.0E-02	I				6.81	1	0.6	No	Fluvalinate	69409-94-5					2.0E+01			2.0E+01		2.9E+01	
3.5E-03	I		1.0E-01	I				2.85	1	1	Yes	Folpet	133-07-3	2.2E+01	2.0E+02		2.0E+01	2.0E+02	2.1E+03		1.8E+02		4.7E-03	
1.9E-01	I		2.0E-03	I				2.9	1	1	Yes	Fomesafen	72178-02-0	4.1E-01	8.7E+00		3.9E-01	4.0E+00	6.3E+00		2.4E+00		1.3E-03	
			1.3E-05	I	9.8E-03	A	V	0.35	1	1	Yes	Formafos	944-22-9					4.0E+02	3.2E+04	2.0E+00	2.0E+00		4.7E-03	
			9.0E-01	P	3.0E-04	X	V	-0.54	1	1	Yes	Formic Acid	64-18-6					1.8E+03	6.3E+05	6.3E-02	6.3E-02		1.3E-05	
			3.0E+00	I				-2.4	1	1	No	Fosetyl-AL	39148-24-8					6.0E+03			6.0E+03			
			1.0E-03	X		V		4.12	1	1	Yes	Furans	132-64-9					2.0E+00	1.3E+00		7.9E-01		1.5E-02	
			1.0E-03	I		V		1.34	1	1	Yes	~Furan	110-00-9					2.0E+00	4.8E+01		1.9E+00		7.3E-04	
			9.0E-01	I	2.0E+00	I		0.46	1	1	Yes	~Tetrahydrofuran	109-99-9					1.8E+03	1.7E+05	4.2E+02	3.4E+02		7.5E-02	
3.8E+00	H		3.0E-03	I	5.0E-02	H	V	-0.04	1	1	Yes	Furazolidone	67-45-8	2.1E-02	9.8E+00		2.0E-02	6.0E+00	7.1E+02	1.0E+01	3.8E+00		3.9E-05	
1.5E+00	C	4.3E-04	C					0.41	1	1	Yes	Furfural	98-01-1					6.0E+00	7.1E+02	1.0E+01	3.8E+00		8.1E-04	
3.0E-02	I	8.6E-06	C					1.8	1	1	Yes	Furium	531-82-8	5.2E-02	1.8E+00		5.0E-02	6.0E+03	6.3E+05	6.3E-02	6.3E-02		6.8E-05	
			4.0E-04	I				4.38	1	0.9	Yes	Furmecycloz	60568-05-0	2.6E+00	1.9E+00		1.1E+00	6.0E+03					1.2E-03	
			8.0E-05	C				-5.34	1	1	No	Glufosinate, Ammonium	77182-82-2					8.0E-01			8.0E-01		1.2E-03	
			4.0E-04	I	1.0E-03	H	V	-0.18	1	1	Yes	Glutaldehyde	114-30-6					8.0E-01	1.8E+02	2.1E-01	1.7E-01		3.3E-05	
			1.0E-01	I				-3.4	1	1	No	Glyphosate	1071-83-6					2.0E+02			2.0E+02	7.0E+02	8.8E-01	3.1E+00
			3.0E-03	I				4.73	1	0.8	Yes	Goal	42874-03-3					6.0E+00	6.6E+00		3.2E+00		2.5E-01	
			1.0E-02	X		V		-1.63	1	1	Yes	Guanidine	113-00-8					2.0E+01	4.2E+04		2.0E+01		4.5E-03	
			2.0E-02	P				-1.7	1	1	Yes	Guanidine Chloride	50-01-1					4.0E+01	1.0E+08		4.0E+01			
			3.0E-03	A	1.0E-02	A		2.75	1	1	Yes	Guthion	86-50-0					6.0E+00	8.3E+01		5.8E+00		1.7E-03	
			5.0E-05	I				4.07	1	0.9	Yes	Haloxypol, Methyl	69806-40-2					1.0E-01	3.1E-01		7.6E-02		8.4E-04	
			1.3E-02	I				1.56	1	1	Yes	Harmony	79277-27-3					2.6E+01	3.5E+03		2.6E+01		7.8E-03	
4.5E+00	I	1.3E-03	I			V		6.1	1	0.8	Yes	Heptachlor	76-44-8	1.7E-02	2.2E-03	4.3E-03	1.4E-03	1.0E+00	1.5E-01		1.3E-01	4.0E-01	1.1E-04	3.3E-02
9.1E+00	I	2.6E-03	I			V		4.98	1	0.8	Yes	Heptachlor Epoxide	1024-57-3	8.6E-03	6.8E-03	2.2E-03	1.4E-03	2.6E-02	2.4E-02		1.2E-02	2.0E-01	2.8E-05	4.1E-03
			2.0E-03	I		V		6.07	1	0.7	No	Hexabromobenzene	87-82-1					4.0E+00			4.0E+00		2.3E-02	
			2.0E-04	I					1	0	No	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-												



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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL						
SFO (mg/kg-day) <sup>1</sup>	ke (ug/m <sup>3</sup> ) <sup>1</sup>	IUR (mg/kg-day)	RfD <sub>c</sub> (mg/kg-day)	ke (ug/m <sup>3</sup> ) <sup>1</sup>	RfC <sub>c</sub> (ug/m <sup>3</sup> )	ke (ug/m <sup>3</sup> ) <sup>1</sup>	ke (ug/m <sup>3</sup> ) <sup>1</sup>	ke (ug/m <sup>3</sup> ) <sup>1</sup>	ke (ug/m <sup>3</sup> ) <sup>1</sup>	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
3.0E+00	1	4.9E-03	I			3.0E-05	P	V		-2.07	1	1	Yes	Hydrazine	302-01-2	2.6E-02	1.1E+02	1.1E-03	1.1E-03			6.3E-03	6.3E-03			
3.0E+00	1	4.9E-03	I								1	1	Yes	Hydrazine Sulfate	10034-93-2	2.6E-02	4.7E+00		2.6E-02							
				2.0E-02	I	V					1	1	Yes	Hydrogen Chloride	7647-01-0							4.2E+00	4.2E+00			
			4.0E-02	C	1.4E-02	C	V			0.23	1	1	Yes	Hydrogen Fluoride	7664-39-3					8.0E+01	1.8E+04	2.9E+00	2.9E+00			
				2.0E-03	I	V				0.23	1	1	Yes	Hydrogen Sulfide	7783-06-4							2.9E+00	2.9E+00			
6.0E-02	P		4.0E-02	P						0.59	1	1	Yes	Hydroquinone	123-31-9	1.3E+00	1.1E+02		1.3E+00	8.0E+01	7.9E+03	7.9E+01	7.9E+01		8.7E-04	
			1.3E-02	I						3.82	1	0.9	Yes	Imazall	35554-44-0					2.6E+01	6.8E+01	1.9E+01	1.9E+01		3.2E-01	
			2.5E-01	I						1.86	1	1	Yes	Imazaquin	81335-37-7					5.0E+02	2.8E+04	4.9E+02	4.9E+02		2.5E+00	
			1.0E-02	A							1	1	Yes	Iodine	7553-56-2					2.0E+01	4.5E+03	2.0E+01	2.0E+01		1.2E+00	
			4.0E-02	I						3	1	0.9	Yes	Iprodione	36734-19-7					8.0E+01	9.1E+02	7.4E+01	7.4E+01		2.3E-02	
			7.0E-01	P							1	1	Yes	Iron	7439-89-6					1.4E+03	3.2E+05	1.4E+03	1.4E+03		3.5E+01	
			3.0E-01	I	V					0.76	1	1	Yes	Isobutyl Alcohol	78-83-1					6.0E+02	3.8E+04	5.9E+02	5.9E+02		1.2E-01	
9.5E-04	I		2.0E-01	I	2.0E+00	C				1.7	1	1	Yes	Isophorone	78-59-1	8.2E+01	1.6E+03		7.8E+01	4.0E+02	8.8E+03	8.8E+03		2.6E-02		
			1.5E-02	I	V					5.8	1	0.8	Yes	Isopropalin	33820-53-0					3.0E+01	4.8E+00	4.0E+00	4.0E+00		9.2E-02	
			2.0E+00	P	2.0E-01	P	V			0.05	1	1	Yes	Isopropanol	67-63-0					4.0E+03	6.5E+05	4.2E+01	4.1E+01		8.4E-03	
			1.0E-01	I						0.27	1	1	Yes	Isopropyl Methyl Phosphonic Acid	1832-54-8					2.0E+02	3.9E+04	2.0E+02	2.0E+02		4.3E-02	
			5.0E-02	I						3.94	1	0.9	Yes	Isoxaben	82558-50-7					1.0E+02	2.7E+02	7.3E+01	7.3E+01		2.0E-01	
			7.5E-02	I	3.0E-01	A	V			8	1	0	No	JP-7	NA							6.3E+01	6.3E+01		1.2E-01	
			2.0E-03	I						3.43	1	0.9	Yes	Kerb	23950-58-5					1.5E+02	5.5E+02	1.2E+02	1.2E+02		1.2E-01	
										4.81	1	0.9	Yes	Lactofen	77501-63-4					4.0E+00	6.7E+00	2.5E+00	2.5E+00		1.2E-01	
														<b>Lead Compounds</b>												
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	0.8	Yes	~Lead Chromate	7758-97-6	5.0E-02	2.3E-01		4.1E-02	4.0E+01	2.3E+02	3.4E+01				
8.5E-03	C	1.2E-05	C								1	0.8	Yes	~Lead Phosphate	7446-27-7	9.2E+00	1.6E+03		9.1E+00							
2.8E-01	C	8.0E-05	C							-0.08	1	1	Yes	~Lead acetate	301-04-2	2.8E-01	2.7E+02		2.8E-01				1.5E+01	1.5E+01	1.4E+01	
8.5E-03	C	1.2E-05	C							-4	1	1	No	~Lead and Compounds	7439-92-1											
											1	1	No	~Lead subacetate	1335-32-6	9.2E+00			9.2E+00							
			1.0E-07	I		V				4.15	1	0.9	Yes	~Tetraethyl Lead	78-00-2					2.0E-04	3.8E-04		1.3E-04		4.7E-07	
			2.0E-03	I						3.2	1	0.9	Yes	Linuron	330-55-2					4.0E+00	2.0E+01		3.3E+00		2.9E-03	
			2.0E-03	P							1	1	Yes	Lithium	7439-93-2					4.0E+00	9.1E+02		4.0E+00		1.2E+00	
			2.0E-01	I						2.18	1	1	Yes	Londax	83055-99-6					4.0E+02	2.4E+04		3.9E+02		1.0E-01	
			5.0E-04	I						3.25	1	1	Yes	MCPA	94-74-6					1.0E+00	3.0E+00		7.5E-01		2.0E-04	
			1.0E-02	I						3.5	1	0.9	Yes	MCPB	94-81-5					2.0E+01	5.5E+01		1.5E+01		5.8E-03	
			1.0E-03	I						3.13	1	1	Yes	MCPB	93-65-2					2.0E+00	7.1E+00		1.6E+00		4.7E-04	
			2.0E-02	I						2.36	1	1	Yes	Malathion	121-75-5					4.0E+01	1.1E+03		3.9E+01		1.0E-02	
			1.0E-01	I	7.0E-04	C				1.62	1	1	Yes	Maleic Anhydride	108-31-6					2.0E+02	3.8E+03		1.9E+02		3.9E-02	
			5.0E-01	I						-0.84	1	1	Yes	Maleic Hydrizide	123-33-1					1.0E+03	8.9E+05		1.0E+03		2.1E-01	
			1.0E-04	P						-0.6	1	1	Yes	Malononitrile	109-77-3					2.0E-01	9.1E+01		2.0E-01		4.1E-05	
			3.0E-02	H						1.33	1	0.9	Yes	Mancozeb	8018-01-7					6.0E+01	4.9E+02		5.4E+01		2.0E-02	
			5.0E-03	I						0.62	1	1	Yes	Maneb	12427-38-2					1.0E+01	4.4E+02		9.8E+00		1.4E-02	
			1.4E-01	I	5.0E-05	I					1	1	Yes	Manganese (Diet)	7439-96-5					4.8E+01	4.4E+02		4.3E+01		2.8E+00	
			2.4E-02	S	5.0E-05	I				0.04	1	1	Yes	Manganese (Non-diet)	7439-96-5											
			9.0E-05	H						1.04	1	1	Yes	Mephosfolan	950-10-7					1.8E-01	2.5E+01		1.8E-01		2.6E-04	
			3.0E-02	I						-2.82	1	1	No	Mepiquat Chloride	24307-26-4					6.0E+01			6.0E+01		2.0E-02	
														<b>Mercury Compounds</b>												
			3.0E-04	I	3.0E-04	S				-0.22	0.07	1	Yes	~Mercuric Chloride (and other Mercury salts)	7487-94-7					6.0E-01	9.5E+00		5.7E-01	2.0E+00	3.3E-03	1.0E-01
										0.62	1	1	Yes	~Mercury (elemental)	7439-97-6					2.0E-01	4.5E+01	6.3E-02	6.3E-02	2.0E+00		
			1.0E-04	I							1	1	Yes	~Methyl Mercury	22967-92-6											
			8.0E-05	I						0.71	1	1	Yes	~Phenylmercuric Acetate	62-38-4					1.6E-01	5.7E+01		1.6E-01		5.0E-05	
			3.0E-05	I		V				7.67	1	0.3	No	Merphos	150-50-5					6.0E-02			6.0E-02		5.9E-03	
			3.0E-05	I						5.7	1	0.9	Yes	Merphos Oxide	78-48-8					6.0E-02	9.9E-03		8.5E-03		4.2E-05	
			6.0E-02	I						1.65	1	1	Yes	Metaxyl	57837-19-1					1.2E+02	6.4E+03		1.2E+02		3.3E-02	
			1.0E-04	I	3.0E-02	P	V			0.68	1	1	Yes	Methacrylonitrile	126-98-7					2.0E-01	1.3E+01	6.3E+00	1.9E-01		4.4E-05	
			5.0E-05	I						-0.8	1	1	Yes	Methamidophos	16265-92-6					1.0E-01	1.0E+02		1.0E-01		2.1E-05	
			2.0E+00	I	2.0E+01	I	V			-0.77	1	1	Yes	Methanol	67-56-1					4.0E+03	1.8E+06	4.2E+03	2.0E+03		4.1E-01	
			1.0E-03	I						2.2	1	1	Yes	Methidathion	950-37-8					2.0E+00	5.8E+01		1.9E+00		4.7E-04	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL								
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> (y)	IUR (mg/m <sup>3</sup> -d) <sup>1</sup>	k <sub>e</sub> (y)	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> (y)	RF <sub>c</sub> (mg/m <sup>3</sup> -d)	k <sub>e</sub> (y)	v <sub>c</sub> (y)	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=0.1 (µg/L)	Dermal SL Child HQ=0.1 (µg/L)	Inhalation SL Child HQ=0.1 (µg/L)	Noncarcinogenic SL Child HI=0.1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
1.3E-01	C	3.7E-05	C	1.0E-02	A					-2.06	1	1	Yes	Methylaniline Hydrochloride, 2-Methylarsonic acid	636-21-5 124-58-3	6.0E-01	3.7E+03		6.0E-01	2.0E+01	3.6E+04	2.0E+01			2.6E-04			
1.0E-01	X		C	2.0E-04	X	3.0E-04	X						No	Methylbenzene,1,4-diamine monohydrochloride, 2-Methylbenzene-1,4-diamine sulfate, 2-Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5	7.8E-01 1.1E-03			7.8E-01 1.1E-03	4.0E-01 6.0E-01	4.0E-01 6.0E-01				2.2E-03			
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1.25	1	1	Yes	Methylene Chloride	75-09-2	1.3E+01	3.4E+02	2.0E+02	1.1E+01	1.2E+01	3.7E+02	1.3E+02	1.1E+01	5.0E+00	2.7E-03	1.3E-03		
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	3.91	1	0.9	Yes	Methylene-bis(2-chloroaniline), 4,4'-Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-14-4 101-61-1	2.5E-01 1.7E+00	4.2E-01 6.4E-01		1.6E-01 4.6E-01	4.0E+00 7.5E+00	1.6E-01 2.6E+00	2.6E+00			1.8E-03 2.6E-03			
1.6E+00	C	4.6E-04	C	2.0E-02	C	6.0E-04	I	V		1.59	1	1	Yes	Methylenediphenyl Diisocyanate	101-77-9	4.9E-02	1.6E+00		4.7E-02							2.1E-04		
				7.0E-02	H				V	5.22	1	0.9	Yes	Methylstyrene, Alpha-	98-83-9					1.4E+02	1.7E+02		7.8E+01			1.3E-01		
				1.5E-01	I					3.13	1	1	Yes	Metolachlor	51218-45-2					3.0E+02	2.6E+03		2.7E+02			3.2E-01		
				2.5E-02	I					1.7	1	1	Yes	Metribuzin	21087-64-9					5.0E+01	1.8E+03		4.9E+01			1.5E-02		
				3.0E+00	P				V	6.1	1	1	No	Mineral oils	8012-95-1					6.0E+03			6.0E+03			2.4E+02		
1.8E+01	C	5.1E-03	C	2.0E-04	I			V		6.89	1	0.5	No	Mirex	2385-85-5	4.3E-03		1.1E-03		8.8E-04			4.0E-01			6.3E-04		
				2.0E-03	I					3.21	1	1	Yes	Molinate	2212-67-1					4.0E+00	1.2E+01		3.0E+00			1.7E-03		
				5.0E-03	I					1	1	1	Yes	Molybdenum	7439-98-7					1.0E+01	2.3E+03		1.0E+01			2.0E-01		
				1.0E-01	I					1	1	1	Yes	Monochloramine	10599-90-3					2.0E+02	4.5E+04		2.0E+02	4.0E+03			1.4E-03	
				2.0E-03	P					1.66	1	1	Yes	Monomethylaniline	100-61-8					4.0E+00	7.5E+01		3.8E+00			1.4E-03		
				3.0E-04	X					4.04	1	0.9	Yes	N,N-Diphenyl-1,4-benzenediamine	74-31-7					6.0E-01	8.8E-01		3.8E-01			3.7E-02		
				2.0E-03	I			V		1.38	1	1	Yes	Naled	300-76-5					4.0E+00	6.8E+02		4.0E+00			1.8E-03		
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V		2.28	1	1	Yes	Naphtha, High Flash Aromatic (HFAN)	64742-95-6	4.3E-02	3.5E-01			6.0E+01		2.1E+01	1.5E+01			2.0E-04		
				1.0E-01	I					3.36	1	0.9	Yes	Naphthylamine, 2-	91-59-8					2.0E+02	8.9E+02		1.6E+02			1.1E+00		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	1	Yes	Napropamide	15299-99-7					2.2E+01	6.8E+04		2.2E+01					
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	1	Yes	Nickel Acetate	373-02-4					2.2E+01	1.4E+05		2.2E+01					
				2.6E-04	C	1.1E-02	C	1.4E-05	C	V		1	0	Yes	Nickel Carbonyl	13463-39-3			2.2E-02	2.2E-02			2.9E-03					
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04	1	Yes	Nickel Hydroxide	12054-48-7					2.2E+01	2.0E+02		2.0E+01					
				2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04	1	Yes	Nickel Oxide	1313-99-1					2.2E+01	2.0E+02		2.0E+01					
				2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04	0	Yes	Nickel Refinery Dust	NA					2.2E+01	1.0E+03		2.2E+01			3.2E+00		
				2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04	1	Yes	Nickel Soluble Salts	7440-02-0					4.0E+01	1.8E+03		3.9E+01			2.6E+00		
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			0.04	1	Yes	Nickel Subulfide	12035-72-2	4.6E-02	1.6E+00		4.5E-02	2.2E+01	1.0E+03		2.2E+01						
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0	Yes	Nickelocene	1271-28-9					2.2E+01			2.2E+01					
				1.6E+00	I					1	1	Yes	Nitrate	14797-55-8					3.2E+03	7.3E+05		3.2E+03	1.0E+04			1.0E+04		
				1.0E-01	I					1	1	Yes	Nitrate + Nitrite (as N)	NA					2.0E+02	4.5E+04		2.0E+02						
				1.0E-02	X	5.0E-05	X			1.85	1	1	Yes	Nitrite	14797-65-0					2.0E+01	3.4E+02		1.9E+01			8.0E-03		
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.39	1	1	Yes	Nitroaniline, 2-	88-74-4	3.9E+00	1.2E+02		8.0E+00	2.8E+02		7.8E+00				1.6E-03		
				4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1.85	1	Yes	Nitrobenzene	98-95-3			1.4E-01	1.4E-01	4.0E+00	6.2E+01	1.9E+00	1.3E+00			9.2E-05		
				3.0E+03	P					-4.56	1	1	No	Nitrocellulose	9004-70-0				6.0E+06			6.0E+06			1.3E+03			
				7.0E-02	H					-0.47	1	1	Yes	Nitrofurantoin	67-20-9				1.4E+02	1.6E+05		1.4E+02				6.1E-02		
1.3E+00	C	3.7E-04	C							0.23	1	1	Yes	Nitrofurazone	59-87-0	6.0E-02	1.6E+01		6.0E-02								5.4E-05	
1.7E-02	P			1.0E-04	P					1.62	1	1	Yes	Nitroglycerin	55-63-0	4.5E+00	1.8E+02		4.5E+00			2.0E-01	8.7E+00		2.0E-01		8.5E-05	
				1.0E-01	I					-0.89	1	1	Yes	Nitroguanidine	556-88-7				2.0E+02	1.8E+05		2.0E+02				4.8E-02		
				8.8E-06	P			5.0E-03	P	V	-0.35	1	Yes	Nitromethane	74-82-5			6.4E-01	6.4E-01			1.0E+00	1.0E+00			1.4E-04		
				2.7E-03	H			2.0E-02	I	V	0.93	1	Yes	Nitropropane, 2-	79-46-9			2.1E-03	2.1E-03			4.2E+00	4.2E+00			5.5E-07		
2.7E+01	C	7.7E-03	C						M	0.23	1	1	Yes	Nitros-N-ethylurea, N-	759-73-9	9.3E-04	1.5E-01		9.2E-04								2.2E-07	
1.2E+02	C	3.4E-02	C						M	-0.03	1	1	Yes	Nitroso-N-methylurea, N-	684-93-5	2.1E-04	4.5E-02		2.1E-04								4.6E-08	
5.4E+00	I	1.6E-03	I						V	2.63	1	1	Yes	Nitroso-di-N-butylamine, N-	924-16-3	1.4E-02	7.6E-02	3.5E-03	2.7E-03								5.5E-06	
7.0E+00	I	2.0E-03	C							1.36	1	1	Yes	Nitroso-di-N-propylamine, N-	621-64-7	1.1E-02	3.4E-01		1.1E-02								8.1E-06	
2.8E+00	I	8.0E-04	C							-1.28	1	1	Yes	Nitrosodiethanolamine, N-	1116-54-7	2.8E-02	7.8E+01		2.8E-02								5.6E-06	
1.5E+02	I	4.3E-02	I							0.48	1	1	Yes	Nitrosodiethylamine, N-	55-18-5	1.7E-04	1.6E-02		1.7E-04								6.1E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	-0.57	1	1	Yes	Nitrosodimethylamine, N-	62-75-9	4.9E-04	1.9E-01	1.5E-04	1.1E-04	1.6E-02	7.4E+00	8.3E-03	5.5E-03				2.8E-08	
4.9E-03	I	2.6E-06	C							3.13	1	1	Yes	Nitrosodiphenylamine, N-	86-30-6	1.6E+01	5.0E+01		1.2E+01								6.6E-02	
2.2E+01	I	6.3E-03	C						V	0.04	1	1	Yes	Nitrosomethylethylamine, N-	10595-95-6	3.5E-03	6.2E-01	8.9E-04	7.1E-04								2.0E-07	
6.7E+00	C	1.9E-03	C							-0.44	1	1	Yes	Nitrosomorpholine [N-]	59-89-2	1.2E-02	5.1E+00		1.2E-02								2.8E-06	
9.4E+00	C	2.7E-03	C							0.36	1	1	Yes	Nitrosopiperidine														





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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL					
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RfC <sub>c</sub> (ug/m <sup>3</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	v <sub>c</sub>	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HQ=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
			1.0E-04	X					0.93	1	1	Yes	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-01	2.1E+01		2.0E+01		1.3E-04		
			1.0E-02	I					4.2	1	0.9	Yes	Pyrimiphos, Methyl	29232-93-7					2.0E+01	3.1E+01		1.2E+01		1.2E-02		
3.0E+01	C	8.6E-03	C	7.0E-06	H							No	Polybrominated Biphenyls	59536-65-1	2.6E-03			2.6E-03	1.4E-02							
												No	<b>Polychlorinated Biphenyls (PCBs)</b>													
												No	-Aroclor 1016	12674-11-2	1.1E+00		2.8E-01	2.2E-01	1.4E-01		1.4E-01				1.3E-02	
2.0E+00	S	5.7E-04	S						4.65	1	1	Yes	-Aroclor 1221	11104-28-2	3.9E-02	1.1E-02	9.8E-03	4.6E-03							7.9E-05	
2.0E+00	S	5.7E-04	S						4.4	1	1	Yes	-Aroclor 1232	11141-16-5	3.9E-02	1.1E-02	9.8E-03	4.6E-03							7.9E-05	
2.0E+00	S	5.7E-04	S						6.34	1	0.7	No	-Aroclor 1242	53469-21-9	3.9E-02		9.8E-03	7.8E-03							1.2E-03	
2.0E+00	S	5.7E-04	S						6.2	1	0.7	No	-Aroclor 1248	12672-29-6	3.9E-02		9.8E-03	7.8E-03							1.2E-03	
2.0E+00	S	5.7E-04	S	2.0E-05	I				6.5	1	0.5	No	-Aroclor 1254	11097-69-1	3.9E-02		9.8E-03	7.8E-03				4.0E-02			2.1E-03	
2.0E+00	S	5.7E-04	S						7.55	1	0	No	-Aroclor 1260	11096-82-5	3.9E-02		9.8E-03	7.8E-03							5.5E-03	
3.9E+00	E	1.1E-03	E	6.0E-04	X				6.34	1	0.7	No	-Aroclor 5460	11126-42-4					1.2E+00			1.2E+00			2.0E-01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	8.27	1	0	No	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				2.8E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	7.5	1	0	No	-Hexachlorobiphenyl, 2,3,4,4',5,5'-(PCB 167)	52663-72-6	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.7E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	7.6	1	0	No	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.7E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	7.6	1	0	No	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.7E-03	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V	7.41	1	0.1	No	-Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	2.0E-05		4.9E-06	4.0E-06	4.7E-05		2.8E-04				1.7E-06	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	6.98	1	0.4	No	-Pentachlorobiphenyl, 2',3,4,4',5'-(PCB 123)	65510-44-3	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.0E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	7.12	1	0.3	No	-Pentachlorobiphenyl, 2,3',4,4',5'-(PCB 118)	31508-00-6	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.0E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	6.79	1	0.5	No	-Pentachlorobiphenyl, 2,3,3',4,4',5'-(PCB 105)	32598-14-4	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.0E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	6.98	1	0.4	No	-Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 114)	74472-37-0	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01				1.0E-03	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	6.98	1	0.4	No	-Pentachlorobiphenyl, 3,3',4,4',5'-(PCB 126)	57465-28-8	6.0E-06		1.5E-06	1.2E-06	1.4E-05		8.3E-05				3.0E-07	
2.0E+00	I	5.7E-04	I						7.1	1	0.7	No	-Polychlorinated Biphenyls (high risk)	1336-36-3												
4.0E-01	I	1.0E-04	I						7.1	1	0.7	No	-Polychlorinated Biphenyls (low risk)	1336-36-3	1.9E-01		5.6E-02	4.4E-02					5.0E-01		6.8E-03	7.8E-02
7.0E-02	I	2.0E-05	I						7.1	1	0.7	No	-Polychlorinated Biphenyls (lowest risk)	1336-36-3												
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V	6.63	1	0.6	No	-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	6.0E-03		4.9E-03	6.0E-03	1.4E-02				1.4E-02		9.4E-04	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V	6.34	1	0.7	No	-Tetrachlorobiphenyl, 3,4',4',5'-(PCB 81)	70362-50-4	2.0E-03		4.9E-04	4.0E-04	4.7E-03		2.8E-02		4.0E-03		6.2E-05	
												No	<b>Polymeric Methylene Diphenyl Diisocyanate (PMDI)</b>	9016-87-9												
												No	<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>													
												Yes	-Acenaphthene	83-32-9					1.2E+02	9.6E+01		5.3E+01			5.5E-01	
												Yes	-Anthracene	120-12-7					6.0E+02	2.5E+02		1.8E+02			5.8E+00	
7.3E-01	E	1.1E-04	C						5.76	1	1	No	-Benz[a]anthracene	56-55-3	3.4E-02		1.8E-02	1.2E-02							4.3E+03	
1.2E+00	C	1.1E-04	C						6.11	1	0.9	No	-Benzo[b]fluoranthene	205-82-3	6.5E-02			6.5E-02						2.0E-01	7.8E-02	
7.3E+00	I	1.1E-03	C						6.13	1	1	No	-Benzo[a]pyrene	50-32-8	3.4E-03			3.4E-03							4.0E-03	
7.3E-01	E	1.1E-04	C						5.78	1	1	No	-Benzo[b]fluoranthene	205-99-2	3.4E-02			3.4E-02							4.1E-02	
7.3E-02	E	1.1E-04	C						6.11	1	0.9	No	-Benzo[k]fluoranthene	207-08-9	3.4E-01			3.4E-01							4.0E-01	
7.3E-03	E	1.1E-05	C						3.9	1	1	Yes	-Chloronaphthalene, Beta-	91-58-7					1.6E+02	1.4E+02		7.5E+01			3.9E-01	
7.3E-03	E	1.1E-05	C						5.81	1	1	No	-Chrysene	218-01-9	3.4E+00			3.4E+00							1.2E+00	
7.3E+00	E	1.2E-03	C						6.75	1	0.6	No	-Dibenz[a,h]anthracene	53-70-3	3.4E-03			3.4E-03							1.3E-02	
1.2E+01	C	1.1E-03	C						7.71	1	0.3	No	-Dibenzo[a,e]pyrene	192-65-4	6.5E-03			6.5E-03							8.4E-02	
2.5E+02	C	7.1E-02	C						5.8	1	0.9	No	-Dimethylbenz[a]anthracene	7-12-57-97-6	1.0E-04			1.0E-04							9.9E-05	
												No	-Fluoranthene	206-44-0					8.0E+01			8.0E+01			8.9E+00	
									4.18	1	1	Yes	-Fluorene	86-73-7					8.0E+01	4.6E+01		2.9E+01			5.4E-01	
7.3E-01	E	1.1E-04	C						6.7	1	0.6	No	-Indeno[1,2,3-cd]pyrene	193-39-5	3.4E-02			3.4E-02							1.3E-01	
2.9E-02	P								3.87	1	1	Yes	-Methylnaphthalene, 1-	90-12-0	2.7E+00	1.9E+00		1.1E+00							5.8E-03	
									3.86	1	1	Yes	-Methylnaphthalene, 2-	91-57-6					8.0E+00	6.5E+00		6.5E+00			1.9E-02	
									3.3	1	1	Yes	-Naphthalene	91-20-3			1.7E-01	1.7E-01	4.0E+01	7.0E+01	6.3E-01	6.1E-01			5.4E-04	
1.2E+00	C	1.1E-04	C						4.75	1	0.9	Yes	-Nitrophenyl, 4-	57835-92-4	6.5E-02	2.6E-02		1.9E-02							3.2E-03	
									4.88	1	1	Yes	-Pyrene	129-00-0					6.0E+01	1.5E+01		1.2E+01			1.3E+00	
									-0.33	1	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-3					4.0E+01	2.8E+04		4.0E+01				
1.5E-01	I								4.1	1	0.9	Yes	Prochloraz	67747-09-5	5.2E-01	1.3E+00		3.7E-01	1.8E+01	5.1E+01		1.3E+01			1.9E-03	
									5.58	1	0.8	Yes	Profluralin	26399-36-0					1.2E+01	3.3E+00		3.6E+00			1.6E-01	
									2.99	1	1	Yes	Prometon													

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1		Protection of Groundwater SSL						
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> -y <sup>-1</sup> )	RfD <sub>d</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RF <sub>c</sub> (mg/m <sup>3</sup> -y <sup>-1</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
			3.0E-02	I	3.0E-02	A		6.14	1	0	Yes	Refractory Ceramic Fibers	NA					6.0E+01	7.6E+00		6.7E+00		4.2E+00	
			5.0E-02	H			V	4.88	1	0.8	Yes	Resmethrin	10453-86-8					1.0E+02	6.8E+01		4.1E+01		3.7E-01	
2.2E-01	C	6.3E-05	4.0E-03	I				4.1	1	0.9	Yes	Rotenone	83-79-4	1.1E-01	5.9E-01	9.5E-02		8.0E+00	2.6E+01		6.1E+00		3.2E+00	
			2.5E-02	I				3.45	1	1	Yes	Safrole	94-59-7					5.0E+01	1.4E+01		1.1E+01		5.9E-05	
			5.0E-03	I				5.57	1	0.8	Yes	Savay	78587-05-0					5.0E+01	1.4E+01		1.1E+01		5.0E-02	
			5.0E-03	I					1	1	Yes	Selenious Acid	7783-00-8					1.0E+01	2.3E+03		1.0E+01			
			5.0E-03	I	2.0E-02	C			1	1	Yes	Selenium	7782-49-2					1.0E+01	2.3E+03		1.0E+01	5.0E+01	5.2E-02	2.6E-01
			5.0E-03	C	2.0E-02	C			1	1	Yes	Selenium Sulfide	7446-34-6					1.0E+01	2.3E+03		1.0E+01			
			9.0E-02	I				4.38	1	0.9	Yes	Sethoxydim	74051-80-2					1.8E+02	2.4E+02		1.0E+02		9.3E-01	
			5.0E-03	I	3.0E-03	C			0.04	1	Yes	Silica (crystalline, respirable)	7631-86-9					1.0E+01	1.5E+02		9.4E+00		8.0E-02	
1.2E-01	H		5.0E-03	I				2.18	1	1	Yes	Simazine	122-34-9	6.5E-01	8.9E+00	6.1E-01		1.0E+01	1.6E+02		9.4E+00	4.0E+00	3.0E-04	2.0E-03
			1.3E-02	I				0.37	1	1	Yes	Sodium Acifluorfen	62476-59-9					2.8E+01	2.1E+04		2.8E+01		2.1E-01	
			4.0E-03	I					1	1	Yes	Sodium Azide	26628-22-8					8.0E+00	1.8E+03		8.0E+00			
5.0E-01	C	1.5E-01	2.0E-02	C	2.0E-04	C	M		0.025	1	Yes	Sodium Dichromate	10588-01-9	5.0E-02	2.3E-01	4.1E-02		4.0E+01	2.3E+02		3.4E+01			
2.7E-01	H		3.0E-02	I				-1.431	1	1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.2E+02	2.9E-01		6.0E+01	1.9E+05		6.0E+01			
			5.0E-02	A	1.3E-02	C			1	1	Yes	Sodium Fluoride	7681-49-4					1.0E+02	2.3E+04		1.0E+02			
			2.0E-05	I				-3.78	1	1	No	Sodium Fluoroacetate	62-74-8					4.0E-02			4.0E-02		8.1E-06	
			1.0E-03	H					1	1	Yes	Sodium Metavanadate	13718-26-8					2.0E+00	4.5E+02		2.0E+00			
2.4E-02	H		3.0E-02	I				3.53	1	0.9	Yes	Stirofos (Tetrachlorovinphos)	961-11-5	3.2E+00	1.8E+01	2.8E+00		6.0E+01	3.8E+02		5.2E+01		8.1E-03	
5.0E-01	C	1.5E-01	2.0E-02	C	2.0E-04	C	M		0.025	1	Yes	Strontium Chromate	7789-06-2	5.0E-02	2.3E-01	4.1E-02		4.0E+01	2.3E+02		3.4E+01			
			6.0E-01	I					1	1	Yes	Strontium, Stable	7440-24-6					1.2E+03	2.7E+05		1.2E+03		4.2E+01	
			3.0E-04	I				1.93	1	1	Yes	Strychnine	57-24-9					6.0E-01	3.2E+01		5.9E-01		6.5E-03	
			2.0E-01	I	1.0E+00	I	V		2.95	1	1	Yes	Styrene	100-42-5				4.0E+02	1.0E+03	2.1E+02	1.2E+02	1.0E+02	1.3E-01	1.1E-01
			3.0E-03	P				3.1	1	1	Yes	Styrene-Acrylonitrile (SAN) Trimer	NA				6.0E+00	2.4E+01		4.8E+00				
			1.0E-03	P	2.0E-03	X		-0.77	1	1	Yes	Sulfolane	126-33-0					2.0E+00	1.7E+03		2.0E+00		4.4E-04	
			8.0E-04	P				3.9	1	0.9	Yes	Sulfoniybis(4-chlorobenzene), 1,1'-	80-07-9					1.6E+00	3.5E+00		1.1E+00		6.5E-03	
			1.0E-03	C	1.0E-03	C	V		1	1	Yes	Sulfur Trioxide	7446-11-9							2.1E-01	2.1E-01			
			1.0E-03	C				1	1	1	Yes	Sulfuric Acid	7664-93-9											
			2.5E-02	I				2.94	1	0.9	Yes	Systhane	88671-89-0					5.0E+01	4.8E+02		4.5E+01		5.6E-01	
			3.0E-02	H				3.3	1	0.3	Yes	TCMTB	21564-17-0					6.0E+01	2.4E+02		4.8E+01		3.3E-01	
			7.0E-02	I				1.79	1	1	Yes	Tebuthiuron	34014-18-1					1.4E+02	4.7E+03		1.4E+02		3.9E-02	
			2.0E-02	H				5.96	1	0.7	No	Temephos	3383-96-8					4.0E+01			4.0E+01		7.6E+00	
			1.3E-02	I				1.89	1	1	Yes	Terbacil	5902-51-2					2.6E+01	7.0E+02		2.5E+01		7.5E-03	
			2.5E-05	H			V	4.48	1	0.3	Yes	Terbufos	13071-79-9					5.0E-02	4.5E-02		2.4E-02		5.2E-05	
			1.0E-03	I				3.74	1	0.3	Yes	Terbutym...	886-50-0					2.0E+00	4.1E+00		1.3E+00		1.9E-03	
			1.0E-04	I				6.77	1	0.5	No	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					2.0E-01			2.0E-01		5.4E-03	
			3.0E-04	I			V	4.64	1	1	Yes	Tetrachlorobenzene, 1,2,4,5-	96-94-3					6.0E-01	2.4E-01		1.7E-01		7.9E-04	
2.6E-02	I	7.4E-06	3.0E-02	I				2.93	1	1	Yes	Tetrachloroethane, 1,1,1,2-	630-20-6	3.0E+00	1.0E+01	7.6E-01	5.7E-01	6.0E+01	2.4E+02		4.8E+01		2.2E-04	
2.0E-01	I	5.8E-05	2.0E-02	I				2.39	1	1	Yes	Tetrachloroethane, 1,1,2,2-	79-34-5	3.9E-01	3.1E+00	9.7E-02	7.6E-02	4.0E+01	3.6E+02		3.6E+01		3.0E-05	
2.1E-03	I	2.6E-07	6.0E-03	I	4.0E-02	I	V	3.4	1	1	Yes	Tetrachloroethylene	127-18-4	3.7E+01	6.3E+01	2.2E+01	1.1E+01	1.2E+01	2.3E+01	8.3E+00	4.1E+00	5.0E+00	1.8E-03	2.3E-03
2.0E+01	H		3.0E-02	I				4.45	1	0.3	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2					6.0E+01	3.9E+01		2.4E+01		1.5E-01	
			5.0E-04	I				4.54	1	0.3	Yes	Tetrachlorotoluene, p, alpha, alpha, alpha-	5216-25-1	3.9E-03	1.9E-03	1.3E-03		1.0E+00	2.4E+00		7.1E-01		4.4E-06	
			8.0E+01	I	V			1.68	1	1	Yes	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.7E+04	1.7E+04		9.3E+00	
			2.0E-03	P				1.64	1	1	Yes	Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E+00	2.5E+02		3.9E+00		3.7E-02	
			7.0E-06	X					1	1	Yes	Thallium (I) Nitrate	10102-45-1					1.4E-02	3.2E+00		1.4E-02			
			1.0E-05	X					1	1	Yes	Thallium (Soluble Salts)	7440-28-0					2.0E-02	4.5E+00		2.0E-02	2.0E+00	1.4E-03	1.4E-01
			6.0E-06	X			V	-0.17	1	1	Yes	Thallium Acetate	563-68-8					1.2E-02	1.0E+01		1.2E-02			
			2.0E-05	X					1	1	Yes	Thallium Carbonate	6533-73-9					4.0E-02	3.7E+02		4.0E-02			
			6.0E-06	X					1	1	Yes	Thallium Chloride	7791-12-0					1.2E-02	2.7E+00		1.2E-02			
			2.0E-05	X					1	0.3	Yes	Thallium Sulfate	7446-18-6					4.0E-02	9.1E+00		4.0E-02			
			1.0E-02	I				3.4	1	0.3	Yes	Thiobencarb	28249-77-6					2.0E+01	7.7E+01		1.6E+01		5.5E-02	
			7.0E-02	X				-0.63	1	1	Yes	Thiodiglycol	111-48-8					1.4E+02	9.6E+04		1.4E+02		2.8E-02	
			3.0E-04	H				2.16	1	1	Yes	Thiouanox	39196-16-4					6.0E-01	4.4E+00		5.3E-01		1.8E-04	
			8.0E-02	I				1.4	1	1	Yes	Thiophanate, Methyl	23564-05-8					1.6E+02	2.0E+04		1.6E+02		1.4E-01	
			5.0E-03	I				1.73	1	1	Yes	Thiram	137-26-8					1.0E+01	4.0E+02		9.8E+00		1.4E-02	
			6.0E-01	H					1	1	Yes	Tin	7440-31-5					1.2E+03	2.7E+05		1.2E+03</			

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			Protection of Groundwater SSL								
SFO (mg/kg-day) <sup>1</sup>	k e IUR (ug/m <sup>3</sup> -d) <sup>1</sup>	k e RfD <sub>d</sub> (mg/kg-day)	k e RfC <sub>d</sub> (mg/m <sup>3</sup> )	k v e o mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HQ=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)						
		1.0E-02			1.1	1	1	Yes	Triasulfuron	82097-50-5					2.0E+01	6.0E+03		2.0E+01			2.1E-02						
9.0E-03	P	5.0E-03	I	V	4.66	1	0.9	Yes	Trinitrobenzene, 1,2,4-	615-54-3					1.0E+01	8.1E+00		4.5E+00			6.4E-03						
		1.0E-02	P		4	1	0.9	Yes	Tributyl Phosphate	126-73-8	8.7E+00	1.2E+01		5.1E+00	2.0E+01	3.3E+01		1.2E+01			2.5E-02						
		3.0E-04	P			1	0	No	Tributyltin Compounds	NA					6.0E-01			6.0E-01									
		3.0E-04	I		4.05	1	1	Yes	Tributyltin Oxide	56-35-9					6.0E-01	9.5E+00		5.7E-01			2.9E+01						
7.0E-02	I	3.0E+01	I	3.0E+01	H	V	3.16	1	Yes	Trichloroethane, 1,1,2-	76-13-1				6.0E+04	1.9E+05	6.3E+03	5.5E+03			1.4E+01						
		2.0E-02	I		1.33	1	1	Yes	Trichloroacetic Acid	76-03-9	1.1E+00	4.4E+01		1.1E+00	4.0E+01	1.8E+03		3.9E+01	6.0E+01		2.2E-04	1.2E-02					
2.9E-02	H				-0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.6E+03		2.7E+00	6.0E-02	1.2E-01		4.0E-02			7.4E-03						
7.0E-03	X				3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	1.9E+01		7.0E+00	1.8E+00	1.3E+00		7.0E-01			3.6E-04						
		8.0E-04	X		4.05	1	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6					1.0E+00	1.3E+00		1.0E+00			2.1E-03						
2.9E-02	P	1.0E-02	I	2.0E-03	P	V	4.02	1	Yes	Trichlorobenzene, 1,2,4-	120-82-1	2.7E+00	1.9E+00		2.0E+01	1.8E+01	4.2E-01	4.0E-01	7.0E+01		1.2E-03	2.0E-01					
		2.0E+00	I	5.0E+00	I	V	2.49	1	Yes	Trichloroethane, 1,1,1-	71-55-6				4.0E+03	2.5E+04	1.0E+03	8.0E+02	2.0E+02		2.8E-01	7.0E-02					
5.7E-02	I	1.6E-05	I		4.0E-03	I	2.0E-04	X	V	1.89	1	1	Yes	Trichloroethane, 1,1,2-	79-00-5			8.0E+00	1.3E+02	4.1E-02	5.0E+00	1.4E-05	1.6E-03				
4.6E-02	I	4.1E-06	I		5.0E-04	I	2.0E-03	I	V	M	2.42	1	1	Yes	Trichloroethylene	79-01-6	1.2E+00	7.2E+00	9.6E-01	4.9E-01	1.0E+00	6.9E+00	4.2E-01	2.8E-01	5.0E+00		
					3.0E-01	I	7.0E-01	H	V	2.53	1	1	Yes	Trichlorofluoromethane	75-69-4	6.0E+02	3.6E+03	1.5E+02	1.1E+02			7.3E-02					
					1.0E-01	I				3.72	1	1	Yes	Trichlorophenol, 2,4,5-	95-95-4	2.0E+02	2.9E+02		1.2E+02			4.4E-01					
1.1E-02	I	3.1E-06	I		1.0E-03	P				3.69	1	1	Yes	Trichlorophenol, 2,4,6-	88-06-2	7.1E+00	9.4E+00		4.0E+00	2.0E+00	3.0E+00	1.2E+00	4.5E-03				
					1.0E-02	I				3.31	1	0.9	Yes	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	2.0E+01	8.7E+01		1.6E+01			6.8E-03					
					8.0E-03	I				3.8	1	0.9	Yes	Trichlorophenoxypropionic acid, -2,4,5-	93-72-1	1.6E+01	3.6E+01		1.1E+01	5.0E+01		6.1E-03	2.8E-02				
3.0E+01	I				5.0E-03	I				2.43	1	1	Yes	Trichloropropane, 1,1,2-	598-77-6	8.4E-04	7.1E-03		7.5E-04	1.0E+01	7.5E+01	8.8E+00	3.5E-03				
					4.0E-03	I	3.0E-04	I	V	M	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.0E+00	7.7E+01	6.3E-02	6.3E-02			3.2E-07				
					3.0E-03	X	3.0E-04	P	V	2.78	1	1	Yes	Trichloropropene, 1,2,3-	96-19-5	6.0E+00	2.6E+01	6.3E-02	6.2E-02			3.1E-05					
					2.0E-02	A				5.11	1	0.3	Yes	Tricresyl Phosphate (TCP)	1330-78-5	4.0E+01	2.6E+01		1.6E+01			1.5E+00					
					3.0E-03	I				5.18	1	0.3	Yes	Triphane	58138-08-2	6.0E+00	2.6E+00	1.5E+00	1.8E+00			1.3E-02					
					7.0E-03	I	V			1.45	1	1	Yes	Triethylamine	121-44-8				1.5E+00			4.4E-04					
7.7E-03	I				2.0E+00	P				-1.75	1	1	Yes	Triethylene Glycol	112-27-6	4.0E+03	1.8E+07		4.0E+03			8.8E-01					
					7.5E-03	I				5.34	1	0.3	Yes	Trifluralin	1582-09-8	1.0E+01	3.3E+00		4.0E+00			8.2E-02					
2.0E-02	P				1.0E-02	P				-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.7E+03		3.9E+00	2.0E+01	1.6E+04	2.0E+01	8.6E-04				
					5.0E-03	P	V			3.66	1	1	Yes	Trimethylbenzene, 1,2,3-	626-73-8				1.0E+00			1.5E-03					
					7.0E-03	P	V			3.63	1	1	Yes	Trimethylbenzene, 1,2,4-	95-63-6			1.0E+00	1.5E+00			2.1E-03					
					1.0E-02	X				3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8	2.0E+01	2.8E+01		1.2E+01			1.7E-02					
3.0E-02	I				3.0E-02	I				1.18	1	1	Yes	Trinitrobenzene, 1,3,5-	99-35-4	2.6E+00	1.0E+02		2.5E+00	6.0E+01	4.7E+03	5.9E+01	2.1E-01				
					5.0E-04	I				1.6	1	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7	1.0E+00			4.5E+01	8.9E-01		5.7E-03					
					2.0E-02	P				2.83	1	1	Yes	Triphenylphosphine Oxide	791-28-6	4.0E+01	3.8E+02		3.8E+01			1.5E-01					
					2.0E-02	A				3.65	1	0.3	Yes	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-37-8	4.0E+01	3.2E+02		3.2E+02			3.6E+01	8.0E-01				
					1.0E-02	X				2.59	1	1	Yes	Tris(1-chloro-2-propyl)phosphate	13674-84-5	2.0E+01	3.8E+02		3.8E+02			1.9E+01	6.5E-02				
2.3E+00	C	6.6E-04	C							4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.4E-02		8.5E-03	6.8E-03			1.3E-04					
2.0E-02	P				7.0E-03	P				1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.9E+00	2.9E+02		3.8E+00	1.4E+01	1.2E+03	1.4E+01	3.8E-03				
3.2E-03	P				1.0E-01	P				9.49	1	0	No	Tris(2-ethylhexyl)phosphate	78-42-2	2.4E+01		2.4E+01	2.0E+02	2.0E+02		1.2E+02					
					3.0E-03	I	4.0E-05	A			1	1	Yes	Uranium (Soluble Salts)	NA	6.0E+00	1.4E+03		6.0E+00	3.0E+01		2.7E+00	1.4E+01				
1.0E+00	C	2.9E-04	C							51-79-6	2.5E-02	5.9E+00		2.5E-02							5.6E-06						
		8.3E-03	P		9.0E-03	I	7.0E-06	P			0.026	1	Yes	Vanadium Pentoxide	1314-62-1	1.8E+01	1.1E+02		1.5E+01			8.6E+00					
					5.0E-03	S	1.0E-04	A			0.026	1	Yes	Vanadium and Compounds	7440-62-2	1.0E+01	6.0E+01		8.6E+00			8.6E+00					
					1.0E-03	I				3.84	1	1	Yes	Vernolate	1929-77-7	2.0E+00	2.5E+00		1.1E+00			8.9E-04					
					2.5E-02	I				3.1	1	0.3	Yes	Vinclozolin	5047-144-8	5.0E+01	3.7E+02		4.4E+01			3.4E-02					
					1.0E+00	H	2.0E-01	I	V	0.73	1	1	Yes	Vinyl Acetate	108-05-4	2.0E+03	1.4E+05	4.2E+01	4.1E+01			8.7E-03					
		3.2E-05	H							593-60-2				1.8E-01	1.8E-01		6.3E-01			5.1E-05							
7.2E-01	I	4.4E-06	I		3.0E-03	I	1.0E-01	I	V	M	1.62	1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.7E-01	3.4E-01	1.9E-02	6.0E+00	8.9E+01	2.1E+01	4.4E+00	2.0E+00	6.5E-06	6.9E-04
					3.0E-04	I				2.7	1	1	Yes	Warfarin	81-81-2	6.0E-01	8.4E+00		5.6E-01			5.9E-04					
					2.0E-01	S	1.0E-01	S	V	3.15	1	1	Yes	Xylene, p-	106-42-3	4.0E+02	7.6E+02	2.1E+01	1.9E+01			1.9E-02					
					2.0E-01	S	1.0E-01	S	V	3.2	1	1	Yes	Xylene, m-	108-38-3	4.0E+02	7.1E+02	2.1E+01	1.9E+01			1.9E-02					
					2.0E-01	S	1.0E-01	S	V	3.12	1	1	Yes	Xylene, o-	95-47-6	4.0E+02	8.0E+02	2.1E+01	1.9E+01			1.9E-02					
					2.0E-01	I	1.0E-01	I	V	3.16	1	1	Yes	Xylenes	1330-20-7	4.0E+02	7.5E+02	2.1E+01	1.9E+01	1.0E+04		1.9E-02	9.9E+00				
					3.0E-04	I					1	1	Yes	Zinc Phosphide	1314-84-7	6.0E-01	2.3E+02		6.0E-01			3.7E+01					
					3.0E-01	I					1	1	Yes	Zinc and Compounds	7440-66-6	6.0E+02	2.3E+05		6.0E+02			3.7E+01					