

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																										
Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1						
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _c (mg/kg-day)	k e y	RfC _c (mg/m ³)	k e y	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)			
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	1.1E+05	1.4E+09	8.7E+03	1	0.1	Acetophate	30560-19-1	8.0E+01	2.8E+02	1.1E+01	6.2E+01	3.1E+02	1.3E+03	8.2E+01	2.5E+02			
				2.0E-02	I				1.4E+09	1.4E+09	1.4E+09	1	0.1	Acetaldehyde	75-07-0				1.1E+01							
				9.0E-01	I	3.1E+01	A	V	1.1E+05	1.4E+09	1.4E+04	1	0.1	Acetochlor	34256-82-1					1.6E+03	6.6E+03	8.2E+01	1.3E+03			
				2.0E-03	X	2.0E-03	X		1.4E+09	1.4E+09	1.4E+09	1	0.1	Acetone	67-64-1					7.0E+04		4.4E+05	6.1E+04			
				6.0E-02	I	V			1.3E+05	1.4E+09	1.3E+04	1		Acetone Cyanohydrin	75-86-5							2.8E+06	2.8E+06			
														Acetonitrile	75-05-8							8.1E+02	8.1E+02			
3.8E+00	C	1.3E-03	C	1.0E-01	I			V	2.5E+03	1.4E+09	6.0E+04	1		Acetophenone	98-86-2	1.8E-01	6.5E-01	2.9E+03	1.4E-01	7.8E+03			7.8E+03			
				5.0E-04	I	2.0E-05	I	V	2.3E+04	1.4E+09	6.9E+03	1	0.1	Acetylaminofluorene, 2-Acrolein	53-96-3					3.9E+01		1.4E-01	1.4E-01			
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M		1.4E+09		1	0.1	Acrylamide	79-06-1	3.1E-01	1.2E+00	1.4E+04	2.4E-01	1.8E+02	6.6E+02	8.5E+06	1.3E+02			
				5.0E-01	I	1.0E-03	I	V	1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7					3.9E+04		9.9E+01	9.9E+01			
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1.1E+04	1.4E+09	7.7E+03	1		Acrylonitrile	107-13-1	1.3E+00		3.2E-01	2.5E-01	3.1E+03		1.6E+01	1.6E+01			
						6.0E-03	P			1.4E+09		1	0.1	Adiponitrile	111-69-3							8.5E+06	8.5E+06			
5.6E-02	C			1.0E-02	I					1.4E+09		1	0.1	Alachlor	15972-60-8	1.2E+01	4.4E+01		9.7E+00	7.8E+02	3.3E+03		6.3E+02			
				1.0E-03	I					1.4E+09		1	0.1	Aldicarb	116-06-3					7.8E+01	3.3E+02		6.3E+01			
										1.4E+09		1	0.1	Aldicarb Sulfone	1646-88-4					7.8E+01	3.3E+02		6.3E+01			
										1.4E+09	1.7E+06	1	0.1	Aldicarb sulfoxide	1646-87-3											
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1.4E+09	1.7E+06	1		Aldrin	309-00-2	4.1E-02		9.8E-01	3.9E-02	2.3E+00			2.3E+00			
				5.0E-03	I	1.0E-04	X	V	1.1E+05	1.4E+09	3.4E+04	1		Allyl Alcohol	107-18-6					3.9E+02		3.6E+00	3.5E+00			
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.4E+03	1.4E+09	1.6E+03	1		Allyl Chloride	107-05-1	3.3E+01		7.4E-01	7.2E-01			1.7E+00	1.7E+00			
										1.4E+09		1		Aluminum	7429-90-5					7.8E+04		7.1E+06	7.7E+04			
				4.0E-04	I					1.4E+09		1		Aluminum Phosphide	20859-73-8					3.1E+01		3.0E+03	3.1E+01			
2.1E+01	C	6.0E-03	C	9.0E-03	I					1.4E+09		1	0.1	Ametryn	834-12-8					7.0E+02			5.7E+02			
				8.0E-02	P					1.4E+09		1	0.1	Aminobiphenyl, 4-	92-67-1	3.3E-02	1.2E-01	6.4E+02	2.6E-02							
				2.0E-02	P					1.4E+09		1	0.1	Aminophenol, m-	591-27-5					6.3E+03	2.6E+04		5.1E+03			
				2.5E-03	I					1.4E+09		1	0.1	Aminophenol, p-	123-30-8					1.6E+03	6.6E+03		1.3E+03			
										1.4E+09		1	0.1	Amtraz	33089-61-1					2.0E+02	8.2E+02		1.6E+02			
				2.0E-01	I	1.0E-01	I	V		1.4E+09		1		Ammonia	7664-41-7					1.6E+04			1.6E+04			
						3.0E-03	X	V	1.4E+04	1.4E+09	2.6E+04	1		Ammonium Sulfamate	7773-06-0							8.2E+01	8.2E+01			
														Amyl Alcohol, tert-	75-85-4											
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1.4E+09		1	0.1	Aniline	62-53-3	1.2E+02	4.3E+02	2.4E+06	9.5E+01	5.5E+02	2.3E+03	1.4E+06	4.4E+02			
4.0E-02	P			2.0E-03	X					1.4E+09		1	0.1	Anthraquinone, 9,10-Antimony (metallic)	84-85-1	1.7E+01	6.2E+01		1.4E+01	1.6E+02	6.6E+02		1.3E+02			
				4.0E-04	I					1.4E+09		0.15			7440-36-0					3.1E+01			3.1E+01			
				5.0E-04	H					1.4E+09		0.15		Antimony Pentoxide	1314-60-9					3.9E+01			3.9E+01			
				4.0E-04	H					1.4E+09		0.15		Antimony Tetroxide	1332-81-6					3.1E+01			3.1E+01			
						2.0E-04	I			1.4E+09		0.15		Antimony Trioxide	1309-64-4							2.8E+05	2.8E+05			
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1.4E+09		1	0.03	Arsenic, Inorganic	7440-38-2	7.7E-01	5.5E+00	8.9E+02	6.8E-01	3.9E+01	3.3E+02	2.1E+04	3.5E+01			
				3.5E-06	C	5.0E-05	I			1.4E+09		1		Arsine	7784-42-1					2.7E-01		7.1E+04	2.7E-01			
				5.0E-02	I					1.4E+09		1	0.1	Asulam	3337-71-1					3.9E+03	1.6E+04		3.2E+03			
2.3E-01	C			3.5E-02	I					1.4E+09		1	0.1	Atrazine	1912-24-9	3.0E+00	1.1E+01		2.4E+00	2.7E+03	1.2E+04		2.2E+03			
8.8E-01	C	2.5E-04	C	4.0E-04	I					1.4E+09		1	0.1	Auramine	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01	2.3E+02	9.9E+02	1.4E+07	1.9E+02			
				4.0E-04	I					1.4E+09		1	0.1	Avermectin B1	65195-55-3					3.1E+01	1.3E+02		2.5E+01			
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A			1.4E+09		1	0.1	Azinphos-methyl	86-50-0					2.3E+02	9.9E+02		1.9E+02			
				1.0E+00	P	7.0E-06	P			1.4E+09	5.2E+05	1	0.1	Azobenzene	103-33-3	6.3E+00		4.7E+01	5.6E+00	7.8E+04	3.3E+05	9.9E+03	8.6E+03			
										1.4E+09		1	0.1	Azodicarbonamide	123-77-3											
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H			1.4E+09		0.07		Barium	7440-39-3	3.1E-01		9.2E+00	3.0E-01	1.6E+04		7.1E+05	1.5E+04			
				2.0E-02	C	2.0E-04	C	M		1.4E+09		0.025		Barium Chromate	10294-40-3					1.6E+03		2.8E+05	1.6E+03			
				3.0E-01	I		V			1.4E+09	3.1E+05	1		Benfluralin	1861-40-1					2.3E+04			2.3E+04			
				5.0E-02	I					1.4E+09		1	0.1	Benomyl	17804-35-2					3.9E+03	1.6E+04		3.2E+03			
				2.0E-01	I					1.4E+09		1	0.1	Bensulfuron-methyl	83055-99-6					1.6E+04	6.6E+04		1.3E+04			
				3.0E-02	I					1.4E+09		1	0.1	Bentazon	25057-89-0					2.3E+03	9.9E+03		1.9E+03			
4.0E-03	P			1.0E-01	I		V			1.2E+03	1.4E+09	2.3E+04	1		Benzaldehyde	100-52-7	1.7E+02		1.3E+00	1.2E+00	7.8E+03		7.8E+03			
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1.8E+03	1.4E+09	3.5E+03	1		Benzene	71-43-2	1.3E+01				3.1E+02		1.1E+02			
1.0E-01	X			3.0E-04	X					1.4E+09		1	0.1	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.0E+00	2.5E+01		5.4E+00							

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _d (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
6.2E-02 7.9E-03	I I	3.7E-05 1.1E-06	C C	2.0E-02 2.0E-02	I I	4.0E-02 5.0E-03	X H	V V	4.0E+03 9.3E+02	1.4E+09 1.4E+09	3.6E+03 4.0E+03	1 1		Bromochloromethane Bromodichloromethane Bromoform	74-97-5 75-27-4 75-25-2	1.1E+01 8.8E+01		3.0E-01 2.5E+01	2.9E-01 1.9E+01		1.6E+03 1.6E+03		1.5E+02 1.5E+02	1.5E+02 1.6E+03
				1.4E-03 5.0E-03 2.0E-02	I H I	5.0E-03 1.4E+09	V V V		3.6E+03 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	1.4E+03 1.2E+05 1.4E+09	1 1 1		Bromomethane Bromophos Bromoxynil	74-83-9 2104-96-3 1689-84-5					1.1E+02 3.9E+02 1.6E+03		7.3E+00 3.9E+02 6.6E+03	6.8E+00 3.9E+02 1.3E+03	
3.4E+00	C	3.0E-05	I	2.0E-02 1.0E-01	I V	2.0E-03 7.6E+03	V V		6.7E+02 7.6E+03	1.4E+09 1.4E+09	8.7E+02 3.0E+04	1 1	0.1	Bromoxynil Octanoate Butadiene, 1,3- Butanol, N-	1689-99-2 106-99-0 71-36-3	2.0E-01		8.1E-02	5.8E-02		1.6E+03 7.8E+03		1.8E+00 1.8E+00	1.6E+03 7.8E+03
2.0E-04	C	5.7E-08	C	2.0E+00 5.0E-02	P I	3.0E+01 2.1E+04	P V		1.4E+09 1.4E+09	2.9E+04 8.6E+04	1 1	0.1		Butyl alcohol, sec- Butylate Butylated hydroxyanisole	78-92-2 2008-41-5 25013-16-5	3.5E+03	1.2E+04	6.7E+07	2.7E+03	1.6E+05 3.9E+03		9.1E+05	1.3E+05 3.9E+03	
3.6E-03	P			3.0E-01 5.0E-02 1.0E-01	P P X	2.0E-02 1.1E+02 1.5E+02	P V V		1.4E+09 1.4E+09 1.4E+09	1.4E+09 8.1E+03 7.4E+03	1 1 1	0.1		Butylated hydroxytoluene Butylbenzene, n- Butylbenzene, sec-	128-37-0 104-51-8 135-98-8	1.9E+02	6.9E+02		1.5E+02	2.3E+04 3.9E+03 7.8E+03	9.9E+04		1.9E+04 3.9E+03 7.8E+03	
		1.8E-03	I	1.0E-03 2.0E-02 1.0E-03	X A I	1.0E-05 1.0E-05 2.2E-03	A C C		1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	1 1 1	0.1 0.001 0.025		Butylbenzene, tert- Caodylic Acid Cadmium (Diet)	98-06-6 75-60-5 7440-43-9			2.1E+03	2.1E+03	7.8E+03 1.6E+03 7.8E+01	6.6E+03 8.2E+02	1.4E+04	7.8E+03 1.3E+03 7.1E+01	
5.0E-01	C	1.5E-01	C	5.0E-04 2.0E-02 5.0E-01	I C I	1.0E-05 2.0E-04 2.2E-03	A C C	M	1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	1 1 1	0.05 0.025 0.1	0.001	Cadmium (Water) Calcium Chromate Caprolactam	7440-43-9 13765-19-0 105-60-2	3.1E-01		9.2E+00	3.0E-01	1.6E+03 3.9E+04	1.6E+05 6.6E+05	2.8E+05 3.1E+06	1.6E+03 3.1E+04	
1.5E-01 2.3E-03	C C	4.3E-05 6.6E-07	C C	2.0E-03 1.3E-01 1.0E-01	I I I	1.0E-05 1.4E+09 1.4E+09	I I I		1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	1 1 1	0.1 0.1 0.1		Captafol Captan Carbaryl	2425-06-1 133-06-2 63-25-2	4.6E+00 3.0E+02	1.6E+01 1.1E+03	8.9E+04 5.8E+06	3.6E+00 2.4E+02	1.6E+02 1.0E+04 7.8E+03	1.6E+02 4.3E+04 3.3E+04	1.3E+02 8.2E+03 6.3E+03		
7.0E-02	I	6.0E-06	I	5.0E-03 1.0E-01 4.0E-03	I V I	7.0E-01 1.0E-01	I V I		7.4E+02 4.6E+02	1.4E+09 1.4E+09	1.2E+03 1.5E+03	1 1	0.1	Carbofuran Carbon Disulfide Carbon Tetrachloride	1563-66-2 75-15-0 56-23-5	9.9E+00		7.0E-01	6.5E-01	3.9E+02 7.8E+03 3.1E+02	1.6E+03 7.7E+02 1.6E+02	8.5E+02 7.7E+02 1.0E+02	3.2E+02 7.7E+02 1.0E+02	
				1.0E-02 1.0E-01	I I	1.0E-01 1.4E+09	P I		5.9E+03 1.4E+09	6.5E+02 1.4E+09	1 1	0.1 0.1		Carbonyl Sulfide Carbosulfan Carboxin	463-58-1 55285-14-8 5234-68-4					7.8E+02 7.8E+03	3.3E+03 3.3E+04		6.7E+01 6.3E+02 6.3E+03	
				1.0E-01 1.5E-02	I I	9.0E-04 1.4E+09	I V		1.4E+09 1.4E+09	1.5E+05 1.4E+09	1 1	0.1		Ceric oxide Chloral Hydrate Chloramben	1306-38-3 302-17-0 133-90-4					7.8E+03 1.2E+03	4.9E+03		1.3E+06 9.5E+02	
4.0E-01 3.5E-01 1.0E+01	H I I			5.0E-04 3.0E-04 4.6E-03	I I C	7.0E-04 3.0E-04	I V C		1.4E+09 1.4E+09 1.4E+09	1.5E+06 1.4E+09	1 1 1	0.1 0.04 0.1		Chloranil Chlordane Chlordecone (Kepone)	118-75-2 12789-03-6 143-50-0	1.7E+00 2.0E+00 7.0E-02	6.1E+00 1.8E+01 2.5E-01		1.3E+00 1.7E+00 5.4E-02	3.9E+01 2.3E+01 9.9E+01	4.1E+02 9.9E+01	1.1E+03 1.1E+03	3.5E+01 1.9E+01	
				7.0E-04 2.0E-02 1.0E-01	A I I	1.5E-04 1.5E-04	A V A		2.8E+03	1.4E+09 1.4E+09 1.4E+09	1.2E+03 1.0E+03	1 1 1		Chlorfenvinphos Chlorimuron, Ethyl- Chlorine	470-90-6 90982-32-4 7782-50-5					5.5E+01 1.6E+03 7.8E+03	2.3E+02 6.6E+03	4.4E+01 1.3E+03 1.8E-01		
				3.0E-02 3.0E-02	I I	2.0E-04 5.0E+01	I V I		1.4E+09 1.4E+09	1.4E+09 1.4E+09	1 1			Chlorine Dioxide Chlorite (Sodium Salt) Chloro-1,1-difluoroethane, 1-	10049-04-4 7758-19-2 75-68-3					2.3E+03 2.3E+03		2.8E+05 5.4E+04	2.3E+03 5.4E+04	
4.6E-01 1.0E-01	H I	3.0E-04 7.7E-05	I C	2.0E-02 3.0E-03	H X	2.0E-02 3.0E-03	I X		7.9E+02 1.4E+09	1.4E+09 1.4E+09	1.1E+03 1.4E+09	1 1	0.1 0.1	Chloro-1,3-butadiene, 2- Chloro-2-methylaniline HCl, 4- Chloro-2-methylaniline, 4-	126-99-8 2165-93-3 55-69-2	1.5E+00 7.0E+00	5.4E+00 2.5E+01	1.0E-02 5.0E+04	1.0E-02 5.4E+00	1.6E+03 2.3E+02		2.2E+01 9.9E+02	2.2E+01 1.9E+02	
2.7E-01	X							V	1.2E+04	1.4E+09 1.4E+09 1.4E+09	1.6E+04 1.4E+09 1.4E+09	1 1 1	0.1 0.1 0.1	Chloroacetaldehyde, 2- Chloroacetic Acid Chloroacetophenone, 2-	107-20-0 79-11-8 532-27-4	2.6E+00			2.6E+00			4.3E+04 4.3E+04		
2.0E-01	P			4.0E-03 2.0E-02	I I	5.0E-02 1.4E+09	P V I		7.6E+02	1.4E+09 1.4E+09 1.4E+09	6.5E+03 1.4E+09	1 1 1	0.1 0.1	Chloroaniline, p- Chlorobenzene Chlorobenzilate	106-47-8 108-90-7 510-15-6	3.5E+00 6.3E+00	1.2E+01 2.2E+01		2.7E+00 4.9E+00	3.1E+02 1.6E+03 1.6E+03	1.3E+03 6.6E+03	3.4E+02	2.5E+02 2.8E+02 1.3E+03	
1.1E-01	C	3.1E-05	C	2.0E-02 3.0E-02 4.0E-02	I X P	5.0E-02 3.0E-01 2.9E+02	P V V		7.6E+02 7.3E+02	1.4E+09 1.4E+09 1.4E+09	6.5E+03 1.8E+03	1 1 1	0.1	Chlorobenzoic Acid, p- Chlorobenzotrifluoride, 4- Chlorobutane, 1-	74-11-3 98-56-6 109-69-3					2.3E+03 2.3E+02 3.1E+03	9.9E+03	2.1E+03	1.9E+03 2.1E+02 3.1E+03	
3.1E-02	C	2.3E-05	I	2.0E-02 1.0E-02	P I	5.0E+01 9.8E-02	A V A		1.7E+03 1.1E+05 2.5E+03	1.4E+09 1.4E+09 1.4E+09	9.4E+02 7.8E+04 2.6E+03	1 1 1		Chlorodifluoromethane Chloroethanol, 2- Chloroform	75-45-6 107-07-3 67-66-3	2.2E+01		3.2E-01	3.2E-01	1.6E+03 7.8E+02		4.9E+04 2.7E+02	4.9E+04 1.6E+03 2.0E+02	
2.4E+00 3.0E-01	C P	6.9E-04	C	9.0E-02 3.0E-03	I P	1.0E-05 2.0E-03	X P		1.3E+03 9.3E+03	1.4E+09 1.4E+09	1.2E+03 5.3E+03	1 1	0.1	Chloromethane Chloromethyl Methyl Ether Chloronitrobenzene, o-	74-87-3 107-30-2 88-73-3	2.9E-01 2.3E+00	8.2E+00	2.2E-02	2.0E-02 1.8E+00	2.3E+02 9.9E+02	1.4E+04	1.9E+02		
6.0E-02	P			7.0E-04 5.0E-03	P I	2.0E-03 4.0E-04	P V		1.4E+09 2.7E+04 6.2E+02	1.4E+09 1.4E+09 1.4E+09	1.4E+05 4.7E+03	1 1	0.1	Chloronitrobenzene, p- Chlorophenol, 2- Chloropicrin	100-00-5 95-57-8 76-06-2	1.2E+01	4.1E+01	9.0E+00		5.5E+01 3.9E+02	2.3E+02 2.0E+00	4.4E+01 3.9E+02		
3.1E-03	C	8.9E-07	C	1.5E-02 2.0E-02 2.0E-02	I I X			V	9.1E+02 2.5E+02	1.4E+09 1.4E+09 1.4E+09	8.1E+03 7.3E+03	1 1 1	0.1	Chlorothalonil Chlorotoluene, o- Chlorotoluene, p-	1897-45-6 95-49-8 106-43-4	2.2E+02	8.0E+02	4.3E+06	1.8E+02	1.2E+03 1.6E+03 1.6E+03	4.9E+03		9.5E+02 1.6E+03 1.6E+03	
2.4E+02	C	6.9E-02	C	2.0E-01 1.0E-03	I A				1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	1 1 1	0.1 0.1 0.1		Chlorozotocin Chlorpropham Chlorpyrifos	54749-90-5 101-21-3 2921-88-2	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+04 7.8E+01 7.8E+02	6.6E+04 3.3E+02 3.3E+03		1.3E+04 6.3E+01	
				1.0E-02 5.0E-02 1.0E-02	H I I				1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	1 1 1	0.1 0.1 0.1		Chlorpyrifos Methyl Chlorsulfuron Chlorthal-dimethyl	5598-13-0 64902-72-3 1861-32-1					3.9E+02 7.8E+03 7.8E+02	3.3E+03 1.6E+04 3.3E+03	6.3E+02		
5.0E-01	J	8.4E-02	S	8.0E-04 1.5E+00 3.0E-03	H I I	1.0E-04 1.0E-04	I M		1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	0.013 0.025		0.1	Chlorthiophos Chromium(III), Insoluble Salts Chromium(VI)	60238-56-4 16065-83-1 18540-29-9	3.1E-01		1.6E+01	3.0E-01	6.3E+01 1.2E+05 2.3E+02	2.6E+02	1.4E+05	5.1E+01 1.2E+05 2.3E+02	

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1						
SFO (mg/kg-day)	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	o muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)			
9.0E-03	P	3.0E-04	P	1.3E-02	I	6.0E-06	P	V	M	1.4E+09	0.013	1	0.1	Chromium, Total	7440-47-3	4.2E+02	4.2E+02			1.0E+03	4.3E+03	8.2E+02				
				1.4E+09						1	Clofentezine			74115-24-5	2.3E+01					8.5E+03	2.3E+01					
				1.4E+09						1	Cobalt			7440-48-4												
6.2E-04	I	4.0E-02	H	6.0E-01	C	1.4E+09	1	0.1	1	1	0.1	0.1	Coke Oven Emissions	8007-45-2					3.1E+03	1.6E+04	8.5E+08	3.1E+03				
													1.4E+09	1					Copper	7440-50-8	3.9E+03	1.6E+04	8.5E+08	3.2E+03		
													1.4E+09	1					Cresol, m-	108-39-4						
5.0E-02	I	6.0E-01	C	1.4E+09	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	Cresol, o-	95-48-7					3.9E+03	1.6E+04	8.5E+08	3.2E+03				
													1.4E+09	1					Cresol, p-	106-44-5	7.8E+03	3.3E+04	8.5E+08	6.3E+03		
													1.4E+09	1					Cresol, p-chloro-m-	59-50-7	7.8E+03	3.3E+04	8.5E+08	6.3E+03		
1.9E+00	H	1.0E-01	A	6.0E-01	C	1.4E+09	1	0.1	1	0.1	0.1	0.1	Cresols	1319-77-3	3.7E-01	3.7E-01			7.8E+03	3.3E+04	8.5E+08	6.3E+03				
													1.4E+09	1					Crotonaldehyde, trans-	123-73-9	7.8E+01		7.8E+01			
													1.4E+09	1					Cumene	98-82-8	7.8E+03	2.6E+03	1.9E+03			
2.2E-01	C	6.3E-05	C	2.0E-03	H					1.4E+09			0.1	Cupferron	135-20-6	3.2E+00	1.1E+01	6.1E+04	2.5E+00	1.6E+02	6.6E+02	1.3E+02				
8.4E-01	H									1.4E+09			0.1	Cyanazine	21725-46-2	8.3E-01	2.9E+00		6.5E-01							
														-Calcium Cyanide	592-01-8					7.8E+01			7.8E+01			
														544-92-3	3.9E+02							3.9E+02				
														57-12-5	4.7E+01					4.4E+01	2.3E+01					
														-Cyanogen	460-19-5					7.8E+01			7.8E+01			
														506-68-3	7.0E+03							7.0E+03				
														506-77-4	3.9E+03							3.9E+03				
														-Hydrogen Cyanide	74-90-8					4.4E+01		2.3E+01				
														151-50-8	1.6E+02							1.6E+02				
														506-61-6	3.9E+02							3.9E+02				
														-Silver Cyanide	506-64-9					7.8E+03			7.8E+03			
														143-33-9	7.8E+01							7.8E+01				
														NA	1.6E+01							1.6E+01				
														-Thiocyanic Acid	463-56-9					1.6E+01			1.6E+01			
														557-21-1	3.9E+03							3.9E+03				
														110-82-7	6.5E+03							6.5E+03				
2.3E-02	H													Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.0E+01	1.1E+02	2.4E+01		3.9E+05		3.0E+04	2.8E+04			
														108-94-1	3.9E+02							3.1E+02				
														110-83-8	1.5E+03											
														Cyclohexylamine	108-91-8					1.6E+04			1.6E+04			
														68359-37-5	2.0E+03					8.2E+03	1.6E+03					
														68085-85-8	3.9E+02					1.6E+03	3.2E+02					
														Cypermethrin	52315-07-8					7.8E+02	3.3E+03		6.3E+02			
														66215-27-8	5.9E+02					2.5E+03	4.7E+02					
														72-54-8												
2.4E-01	I	6.9E-05	C											DDD	72-54-8	2.9E+00	1.0E+01	5.5E+04	2.3E+00							
3.4E-01	I	9.7E-05	C											DDT	50-29-3	2.0E+00	2.4E+01	3.9E+04	1.9E+00							
1.8E-02	C	5.1E-06	C											Dalapon	75-99-0	3.9E+01	1.4E+02	7.5E+05	3.0E+01							
7.0E-04	I													Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6' (BDE-209)	1163-19-5	9.9E+02	3.5E+03		7.8E+02							
1.2E-03	I													Demeton	8065-48-3	5.8E+02	2.1E+03		4.5E+02							
6.1E-02	H													Di(2-ethylhexyl)adipate	103-73-1	1.1E+01	4.1E+01		8.9E+00							
8.0E-01	P	6.0E-03	P											Dibenzothiophene	132-65-0	1.9E-01	5.4E-03	5.3E-03								
8.4E-02	I													Dibromobenzene, 1,4-	106-37-6	8.3E+00		8.3E+00								
2.0E+00	I	6.0E-04	I											Dibromochloromethane	124-48-1	3.5E-01		4.0E-02	3.6E-02							
														Dibromomethane, 1,2-	106-93-4											
														Dibromomethane (Methylene Bromide)	74-95-3											
														Dibutyltin Compounds	NA											
														Dicamba	1918-00-9											
														Dichloro-2-butene, 1,4-	764-41-0			2.1E-03	2.1E-03							
														Dichloro-2-butene, cis-1,4-	1476-11-5			7.4E-03	7.4E-03							
														Dichloro-2-butene, trans-1,4-	110-57-6			7.4E-03	7.4E-03							
5.0E-02	I													Dichloroacetic Acid	79-43-6	1.4E+01	4.9E+01		1.1E+01							
5.4E-03	C	1.1E-05	C											Dichlorobenzene, 1,2-	95-50-1	1.3E+02		2.7E+00	2.6E+00							
4.5E-01	I	3.4E-04	C																							

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _c (mg/kg-day)	k e y	RfC _c (mg/m ³)	k e y	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
				1.3E-02	I					1.4E+09				Imazali	35554-44-0					1.0E+03	4.3E+03		8.2E+02	
				2.5E-01	I					1.4E+09				Imazaquin	81335-37-7					2.0E+04	8.2E+04		1.6E+04	
				2.5E-01	I					1.4E+09				Imazethapyr	81335-77-5					2.0E+04	8.2E+04		1.6E+04	
				1.0E-02	A					1.4E+09				Iodine	7553-56-2					7.8E+02			7.8E+02	
				4.0E-02	I					1.4E+09			0.1	Iprodione	36734-19-7					3.1E+03			2.5E+03	
				7.0E-01	P					1.4E+09				Iron	7439-89-6					5.5E+04	1.3E+04		5.5E+04	
9.5E-04	I			3.0E-01	I			V	1.0E+04	1.4E+09	2.8E+04	1		Isobutyl Alcohol	78-83-1	7.3E+02	2.6E+03		5.7E+02	2.3E+04	6.6E+04	2.8E+09	2.3E+04	
				2.0E-01	I	2.0E+00	C			1.4E+09			0.1	Isophorone	78-59-1					1.6E+04			1.3E+04	
				1.5E-02	I			V		1.4E+09	4.2E+05	1		Isopropalin	33820-53-0					1.2E+03			1.2E+03	
				2.0E+00	P	2.0E-01	P	V	1.1E+05	1.4E+09	2.8E+04	1		Isopropanol	67-63-0					1.6E+05		5.8E+03	5.6E+03	
				1.0E-01	I					1.4E+09			0.1	Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+03	3.3E+04		6.3E+03	
				5.0E-02	I					1.4E+09			0.1	Isosaben	82558-50-7					3.9E+03	1.6E+04		3.2E+03	
						3.0E-01	A	V		1.4E+09				JP-7	NA							4.3E+08	4.3E+08	
				2.0E-03	I					1.4E+09			0.1	Lactofen	77501-63-4					1.6E+02	6.6E+02		1.3E+02	
										1.4E+09				Lead Compounds										
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		1.4E+09	0.025			-Lead Chromate	7758-97-6	3.1E-01		9.2E+00	3.0E-01	1.6E+03		2.8E+05	1.6E+03	
8.5E-03	C	1.2E-05	C							1.4E+09				-Lead Phosphate	7446-27-7	8.2E+01		3.2E+05	8.2E+01					
8.5E-03	C	1.2E-05	C							1.4E+09			0.1	-Lead acetate	301-04-2	8.2E+01	2.9E+02	3.2E+05	6.4E+01					
8.5E-03	C	1.2E-05	C							1.4E+09				-Lead and Compounds	7439-92-1								4.0E+02	
				1.0E-07	I			V	2.4E+00	1.4E+09	1.9E+03	1	0.1	-Lead subacetate	1335-32-6	8.2E+01	2.9E+02	3.2E+05	6.4E+01					
										1.4E+09				-Tetraethyl Lead	78-00-2					7.8E-03			7.8E-03	
				5.0E-06	P			V	3.8E+02	1.4E+09	2.6E+04	1		Lewisite	541-25-3					3.9E-01			3.9E-01	
				2.0E-03	I					1.4E+09			0.1	Linuron	330-55-2					1.6E+02	6.6E+02		1.3E+02	
				2.0E-03	P					1.4E+09				Lithium	7439-93-2					1.6E+02			1.6E+02	
				5.0E-04	I					1.4E+09			0.1	MCPA	94-74-6					3.9E+01	1.6E+02		3.2E+01	
				1.0E-02	I					1.4E+09			0.1	MCPB	94-81-5					7.8E+02	3.3E+03		6.3E+02	
				1.0E-03	I					1.4E+09			0.1	MCPB	93-65-2					7.8E+01	3.3E+02		6.3E+01	
				2.0E-02	I					1.4E+09			0.1	Malathion	121-75-5					1.6E+03	6.6E+03		1.3E+03	
				1.0E-01	I	7.0E-04	C			1.4E+09			0.1	Maleic Anhydride	108-31-6					7.8E+03	3.3E+04	9.9E+05	6.3E+03	
				5.0E-01	I					1.4E+09			0.1	Maleic Hydrazide	123-33-1					3.9E+04	1.6E+05		3.2E+04	
				1.0E-04	P					1.4E+09			0.1	Malonitrile	109-77-3					7.8E+00	3.3E+01		6.3E+00	
				3.0E-02	H					1.4E+09			0.1	Mancozeb	8018-01-7					2.3E+03	9.9E+03		1.9E+03	
				5.0E-03	I					1.4E+09			0.1	Maneb	12427-38-2					3.9E+02	1.6E+03		3.2E+02	
				1.4E-01	I	5.0E-05	I			1.4E+09				Manganese (Diet)	7439-96-5					1.9E+03		7.1E+04	1.8E+03	
				2.4E-02	S	5.0E-05	I			1.4E+09	0.04			Manganese (Non-diet)	7439-96-5					7.0E+00	3.0E+01		5.7E+00	
				9.0E-05	H					1.4E+09			0.1	Mephosfolan	950-10-7					2.3E+03	9.9E+03		1.9E+03	
				3.0E-02	I					1.4E+09			0.1	Mepiquat Chloride	24307-26-4					2.3E+03	9.9E+03		1.9E+03	
										1.4E+09				Mercury Compounds										
				3.0E-04	I	3.0E-04	S			1.4E+09	0.07			-Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+01		4.3E+05	2.3E+01	
						3.0E-04	I	V	3.1E+00	1.4E+09	3.5E+04	1		-Mercury (elemental)	7439-97-6							1.1E+01	1.1E+01	
				1.0E-04	I					1.4E+09				-Methyl Mercury	22967-92-6					7.8E+00			7.8E+00	
				8.0E-05	I					1.4E+09			0.1	-Phenylmercuric Acetate	62-36-4					6.3E+00	2.6E+01		5.1E+00	
				3.0E-05	I			V		1.4E+09	1.9E+06	1		Merphos	150-50-5					2.3E+00			2.3E+00	
				3.0E-05	I					1.4E+09			0.1	Merphos Oxide	78-46-8					2.3E+00	9.9E+00		1.9E+00	
				6.0E-02	I					1.4E+09			0.1	Metalaxyl	57837-19-1					4.7E+03	2.0E+04		3.8E+03	
				1.0E-04	I	3.0E-02	P	V	4.6E+03	1.4E+09	6.8E+03	1		Methacrylonitrile	126-98-7					7.8E+00		2.1E+02	7.5E+00	
				5.0E-05	I					1.4E+09			0.1	Methamidophos	10265-92-6					3.9E+00	1.6E+01		3.2E+00	
				2.0E+00	I	2.0E+01	I	V	1.1E+05	1.4E+09	2.9E+04	1		Methanol	67-56-1					1.6E+05		6.1E+05	1.2E+05	
				1.0E-03	I					1.4E+09			0.1	Methidathion	950-37-8					7.8E+01	3.3E+02		6.3E+01	
				2.5E-02	I					1.4E+09			0.1	Methomyl	16752-77-5					2.0E+03	8.2E+03		1.6E+03	
4.9E-02	C	1.4E-05	C							1.4E+09			0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+01	5.0E+01	2.7E+05	1.1E+01					
				5.0E-03	I					1.4E+09			0.1	Methoxychlor	72-43-5					3.9E+02	1.6E+03		3.2E+02	
				8.0E-03	P	1.0E-03	P	V	1.2E+05	1.4E+09	1.2E+05	1		Methoxyethanol Acetate, 2-	110-49-6					6.3E+02		1.3E+02	1.1E+02	
				5.0E-03	P	2.0E-02	I	V	1.1E+05	1.4E+09	1.0E+05	1		Methoxyethanol, 2-	109-86-4					3.9E+02		2.1E+03	3.3E+02	
				1.0E+00	X			V	2.9E+04	1.4E+09	8.1E+03	1		Methyl Acetate	79-20-9					7.8E+04			7.8E+04	
						2.0E-02	P	V	6.8E+03	1.4E+09	7.0E+03	1		Methyl Acrylate	96-33-3							1.5E+02	1.5E+02	
				6.0E-01	I	5.0E+00	I	V	2.8E+04	1.4E+09	1.2E+04	1		Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+04		6.4E+04	2.7E+04	
1.0E-03	X	1.0E-03	P	2.0E-05	X	V			1.8E+05	1.4E+09	5.0E+04													

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																									
Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1						
SFO (mg/kg-day) ⁻¹	k _e (μg/m ³ -day) ⁻¹	IUR (μg/m ³ -day)	k _e (μg/m ³ -day)	RfD _c (mg/kg-day)	k _e (μg/m ³ -day)	RfC _c (mg/m ³)	k _e (μg/m ³ -day)	V _o (m ³ /kg-day)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
1.0E-01	P	4.3E-04	C	2.0E-03	P				M		1.4E+09		1	0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.5E+00	6.0E+00	3.2E+03	1.2E+00	1.6E+02	6.6E+02			1.3E+02
4.6E-02	I	1.3E-05	C								1.4E+09		1	0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+01	5.4E+01	2.9E+05	1.2E+01					
1.6E+00	C	4.6E-04	C			2.0E-02	C				1.4E+09		1	0.1	Methylenebisbenzamine, 4,4'-	101-77-9	4.3E-01	1.5E+00	8.3E+03	3.4E-01			2.8E+07		2.8E+07
						6.0E-04	I				1.4E+09		1	0.1	Methylenediphenyl Diisocyanate	101-68-8							8.5E+05		8.5E+05
				7.0E-02	H				V	5.0E+02	1.4E+09	1.3E+04	1		Methylstyrene, Alpha-	98-83-9					5.5E+03				5.5E+03
				1.5E-01	I						1.4E+09		1	0.1	Metolachlor	51218-45-2					1.2E+04	4.9E+04			9.5E+03
				2.5E-02	I						1.4E+09		1	0.1	Metribuzin	21087-64-9					2.0E+03	8.2E+03			1.6E+03
				2.5E-01	I						1.4E+09		1	0.1	Metsulfuron-methyl	74223-64-6					2.0E+04	8.2E+04			1.6E+04
				3.0E+00	P			V		3.4E-01	1.4E+09	1.4E+03	1		Mineral oils	8012-95-1					2.3E+05				2.3E+05
1.8E+01	C	5.1E-03	C	2.0E-04	I			V			1.4E+09	8.6E+05	1		Mirex	2385-85-5	3.9E-02		4.7E-01	3.6E-02	1.6E+01			1.6E+01	
				2.0E-03	I						1.4E+09		1	0.1	Molinate	2212-67-1					1.6E+02	6.6E+02			1.3E+02
				5.0E-03	I						1.4E+09		1		Molybdenum	7439-98-7					3.9E+02				3.9E+02
				1.0E-01	I						1.4E+09		1		Monochloramine	10599-90-3					7.8E+03				7.8E+03
				2.0E-03	P						1.4E+09		1	0.1	Monomethylaniline	100-61-8					1.6E+02	6.6E+02			1.3E+02
				2.5E-02	I						1.4E+09		1	0.1	Myclobutanil	88671-89-0					2.0E+03	8.2E+03			1.6E+03
				3.0E-04	X						1.4E+09		1	0.1	N,N-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+01	9.9E+01			1.9E+01
				2.0E-03	I			V			1.4E+09	5.7E+04	1		Naled	300-76-5					1.6E+02				1.6E+02
				3.0E-02	X	1.0E-01	P	V			1.4E+09		1		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					2.3E+03		1.4E+08		2.3E+03
1.8E+00	C	0.0E+00	C								1.4E+09		1	0.1	Naphthylamine, 2-	91-59-8	3.9E-01	1.4E+00		3.0E-01	7.8E+03	3.3E+04	2.0E+04		6.3E+03
				1.0E-01	I						1.4E+09		1	0.1	Napropamide	15299-99-7					8.6E+02	3.6E+03			6.7E+02
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1.4E+09		1	0.1	Nickel Acetate	373-02-4			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04		6.7E+02
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1.4E+09		1	0.1	Nickel Carbonate	3333-67-3			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04		6.7E+02
				2.6E-04	C	1.1E-02	C	1.4E-05	C	V	1.4E+09		1		Nickel Carbonyl	13463-39-3			1.5E+04	1.5E+04	8.6E+02		2.0E+04		8.2E+02
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1.4E+09		0.04		Nickel Hydroxide	12054-48-7			1.5E+04	1.5E+04	8.6E+02		2.0E+04		8.2E+02
				2.6E-04	C	1.1E-02	C	2.0E-05	C		1.4E+09		0.04		Nickel Oxide	1313-99-1			1.5E+04	1.5E+04	8.6E+02		2.8E+04		8.4E+02
				2.4E-04	I	1.1E-02	C	1.4E-05	C		1.4E+09		0.04		Nickel Refinery Dust	NA			1.6E+04	1.6E+04	8.6E+02		2.0E+04		8.2E+02
				2.6E-04	C	2.0E-02	I	9.0E-05	A		1.4E+09		0.04		Nickel Soluble Salts	7440-02-0			1.5E+04	1.5E+04	1.6E+03		1.3E+05		1.5E+03
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C				1.4E+09		0.04		Nickel Suboxide	12035-72-2	4.1E-01		8.0E+03	4.1E-01	8.6E+02	2.0E+04		8.2E+02	
				2.6E-04	C	1.1E-02	C	1.4E-05	C		1.4E+09		1	0.1	Nickelocene	1271-28-9			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04		6.7E+02
				1.6E+00	I						1.4E+09		1		Nitrate	14797-55-8					1.3E+05				1.3E+05
				1.0E-01	I						1.4E+09		1		Nitrate + Nitrite (as N)	NA									
				1.0E-02	X	5.0E-05	X				1.4E+09		1	0.1	Nitrite	14797-65-0					7.8E+03				7.8E+03
											1.4E+09		1	0.1	Nitroaniline, 2-	88-74-4					7.8E+02	3.3E+03	7.1E+04		6.3E+02
2.0E-02	P			4.0E-05	I	2.0E-03	P	6.0E-03	P		1.4E+09		1	0.1	Nitroaniline, 4-	100-01-6	3.5E+01	1.2E+02		5.1E+00	3.1E+02	1.3E+03	8.5E+06		2.5E+02
						3.0E-03	P	1.4E+09	I	V	1.4E+09	7.3E+04	1		Nitrobenzene	98-95-3					1.6E+02				1.3E+02
						7.0E-03	P	1.4E+09			1.4E+09		1	0.1	Nitrocellulose	9004-70-0					2.3E+08	9.9E+08	6.9E+02		1.9E+08
1.3E+00	C	3.7E-04	C								1.4E+09		1	0.1	Nitrofurantoin	67-20-9	5.3E-01	1.9E+00	1.0E+04	4.2E-01	5.5E+03	2.3E+04			4.4E+03
1.7E-02	P			1.0E-04	P						1.4E+09		1	0.1	Nitrofurazone	59-87-0	4.1E+01	1.5E+02		3.2E+01	7.8E+00	3.3E+01			6.3E+00
						1.0E-01	I				1.4E+09		1	0.1	Nitroglycerin	55-63-0					7.8E+03	3.3E+04			6.3E+03
				8.8E-06	P			5.0E-03	P	V	1.8E+04	1.4E+09	1.7E+04	1		Nitroguanidine	556-88-7								
				2.7E-03	H			2.0E-02	I	V	4.9E+03	1.4E+09	1.3E+04	1		Nitromethane	75-52-5			5.4E+00	5.4E+00			8.8E+01	
											1.4E+09		1		Nitropropane, 2-	79-46-9			1.4E-02	1.4E-02			2.7E+02		2.7E+02
2.7E+01	C	7.7E-03	C								1.4E+09		1	0.1	Nitroso-N-ethylurea, N-	759-73-9	5.7E-03	2.2E-02	1.8E-02	4.5E-03					
1.2E+02	C	3.4E-02	C								1.4E+09		1	0.1	Nitroso-N-methylurea, N-	684-93-5	1.3E-03	5.0E-03	4.1E+01	1.0E-03					
5.4E+00	I	1.6E-03	I					V			1.4E+09	2.4E+05	1		Nitroso-di-N-butylamine, N-	924-16-3	1.3E-01		4.3E-01	9.9E-02					
7.0E+00	I	2.0E-03	C								1.4E+09		1	0.1	Nitroso-di-N-propylamine, N-	621-64-7	9.9E-02	3.5E-01	1.9E+03	7.8E-02					
2.8E+00	I	8.0E-04	C								1.4E+09		1	0.1	Nitrosodiethanolamine, N-	1116-54-7	2.5E-01	8.8E-01	4.8E+03	1.9E-01					
1.5E+02	I	4.3E-02	I								1.4E+09		1	0.1	Nitrosodimethylamine, N-	55-18-5	1.0E-03	4.0E-03	3.2E+01	8.1E-04					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M		2.4E+05	1.4E+09	8.2E+04	1		Nitrosodimethylamine, N-	62-75-9	3.0E-03		6.0E-03	2.0E-03	6.3E-01		3.4E+00	5.3E-01
4.9E-03	I	2.6E-06	C																						

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	o muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
2.6E-01	H			3.0E-03				V		1.4E+09	4.3E+05	1		Pentachloronitrobenzene	82-68-8	2.7E+00			2.7E+00	2.3E+02			2.3E+02	
4.0E-01	I	5.1E-06	C	5.0E-03	I					1.4E+09		1	0.25	Pentachlorophenol	87-86-5	1.7E+00	2.5E+00	7.5E+05	1.0E+00	3.9E+02	6.6E+02		2.5E+02	
4.0E-03	X			2.0E-03	P					1.4E+09		1	0.1	Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02		1.4E+02	1.6E+02	6.6E+02		1.3E+02	
				1.0E+00	P	V			3.9E+02	1.4E+09	7.8E+02	1		Pentane, n- Perchlorates -Ammonium Perchlorate	109-66-0							8.1E+02	8.1E+02	
				7.0E-04	I					1.4E+09		1		-Lithium Perchlorate	7790-98-9					5.5E+01			5.5E+01	
				7.0E-04	I					1.4E+09		1		-Perchlorate and Perchlorate Salts	14797-73-0					5.5E+01			5.5E+01	
				7.0E-04	I					1.4E+09		1		-Potassium Perchlorate	7778-74-7					5.5E+01			5.5E+01	
				7.0E-04	I					1.4E+09		1		-Sodium Perchlorate	7601-89-0					5.5E+01			5.5E+01	
				2.0E-02	P			V		1.4E+09	1.3E+05	1		Perfluorobutane Sulfonate	375-73-5					1.6E+03			1.6E+03	
				5.0E-02	I					1.4E+09		1	0.1	Permethrin	52645-53-1					3.9E+03	1.6E+04		3.2E+03	
2.2E-03	C	6.3E-07	C							1.4E+09		1	0.1	Phenacetin	62-44-2	3.2E+02	1.1E+03	6.1E+06	2.5E+02					
				2.5E-01	I					1.4E+09		1	0.1	Phenmedipham	13684-63-4					2.0E+04	8.2E+04		1.6E+04	
				3.0E-01	I	2.0E-01	C			1.4E+09		1	0.1	Phenol	108-95-2					2.3E+04	9.9E+04	2.8E+08	1.9E+04	
				4.0E-03	I					1.4E+09		1	0.1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					3.1E+02	1.3E+03		2.5E+02	
				5.0E-04	X					1.4E+09		1	0.1	Phenothiazine	92-84-2					3.9E+01	1.6E+02		3.2E+01	
				6.0E-03	I					1.4E+09		1	0.1	Phenylenediamine, m-	108-45-2					4.7E+02	2.0E+03		3.8E+02	
4.7E-02	H			1.9E-01	H					1.4E+09		1	0.1	Phenylenediamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01					
										1.4E+09		1	0.1	Phenylenediamine, p-	106-50-3								1.2E+04	
1.9E-03	H									1.4E+09		1	0.1	Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03		2.8E+02					
				2.0E-04	H					1.4E+09		1	0.1	Phorate	298-02-2					1.6E+01	6.6E+01	3.1E-01	1.3E+01	
						3.0E-04	I	V		1.4E+09	9.8E+02	1		Phosgene	75-44-5								3.1E-01	
				2.0E-02	I					1.4E+09		1	0.1	Phosmet	732-11-6					1.6E+03	6.6E+03		1.3E+03	
				4.9E+01	P					1.4E+09		1		Phosphates, Inorganic										
				4.9E+01	P					1.4E+09		1		-Aluminum metaphosphate	13776-88-0					3.8E+06			3.8E+06	
										1.4E+09		1		-Ammonium polyphosphate	68333-79-9					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Calcium pyrophosphate	7790-76-3					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Diammonium phosphate	7783-28-0					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Dicalcium phosphate	7757-93-9					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Dimagnesium phosphate	7782-75-4					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Dipotassium phosphate	7758-11-4					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Disodium phosphate	7558-79-4					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Monoaluminum phosphate	13530-50-2					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Monoammonium phosphate	7722-76-1					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Monocalcium phosphate	7758-23-8					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Monomagnesium phosphate	7757-86-0					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Monopotassium phosphate	7776-77-0					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Monosodium phosphate	7558-80-7					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Polyphosphoric acid	8017-16-1					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Potassium triphosphate	13845-36-8					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium acid pyrophosphate	7758-16-9					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium hexametaphosphate	10124-56-8					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium polyphosphate	68915-31-1					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium trimetaphosphate	7785-84-4					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Sodium tripolyphosphate	7758-29-4					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Tetrapotassium phosphate	7320-34-5					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Tetrasodium pyrophosphate	7722-88-5					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Tricalcium phosphate	7758-87-4					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Trimagnesium phosphate	7757-87-1					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Tripotassium phosphate	7778-53-2					3.8E+06			3.8E+06	
				4.9E+01	P					1.4E+09		1		-Trisodium phosphate	7601-54-9					3.8E+06			3.8E+06	
				3.0E-04	I	3.0E-04	I	V		1.4E+09		1		Phosphine	7803-51-2					2.3E+01		4.3E+05	2.3E+01	
				4.9E+01	P	1.0E-02	I			1.4E+09		1		Phosphoric Acid	7664-38-2					3.8E+06		1.4E+07	3.0E+06	
				2.0E-05	I			V		1.4E+09	6.9E+03	1		Phosphorus, White	7723-14-0					1.6E+00			1.6E+00	
										1.4E+09		1		Phthalates										
1.4E-02	I	2.4E-06	C	2.0E-02	I					1.4E+09		1	0.1	-Bis(2-ethylhexyl)phthalate	117-81-7	5.0E+01	1.8E+02	1.6E+06	3.9E+01	1.6E+03	6.6E+03		1.3E+03	
1.9E-03	P			2.0E-01	I					1.4E+09		1	0.1	-Butyl Benzyl Phthalate	85-68-7	3.7E+02	1.3E+03		2.9E+02	1.6E+04	6.6E+04		1.3E+04	
				1.0E+00	I																			

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																								
Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1				
SFO (mg/kg-day) ^a	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _h (mg/kg-day)	k _e y	RfC _h (mg/m ³)	k _e y	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
7.0E-02	S	2.0E-05	S	7.0E-05	I		V			1.4E+09	7.1E+05	1	0.14	-Aroclor 1016	12674-11-2	9.9E+00	2.5E+01	1.0E+02	6.7E+00	5.5E+00	1.6E+01		4.1E+00	
2.0E+00	S	5.7E-04	S				V			1.4E+09	2.0E+05	1	0.14	-Aroclor 1221	11104-28-2	3.5E-01	8.8E-01	1.0E+00	2.0E-01					
2.0E+00	S	5.7E-04	S				V			1.4E+09	1.1E+05	1	0.14	-Aroclor 1232	11141-16-5	3.5E-01	8.8E-01	5.5E-01	1.7E-01					
2.0E+00	S	5.7E-04	S				V			1.4E+09	5.9E+05	1	0.14	-Aroclor 1242	53469-21-9	3.5E-01	8.8E-01	2.9E+00	2.3E-01					
2.0E+00	S	5.7E-04	S				V			1.4E+09	6.3E+05	1	0.14	-Aroclor 1248	12672-29-6	3.5E-01	8.8E-01	3.1E+00	2.3E-01					
2.0E+00	S	5.7E-04	S	2.0E-05	I		V			1.4E+09	8.4E+05	1	0.14	-Aroclor 1254	11097-69-1	3.5E-01	8.8E-01	4.1E+00	2.4E-01	1.6E+00	4.7E+00		1.2E+00	
2.0E+00	S	5.7E-04	S				V			1.4E+09	1.3E+06	1	0.14	-Aroclor 1260	11096-82-5	3.5E-01	8.8E-01	6.5E+00	2.4E-01					
3.9E+00	E	1.1E-03	E	6.0E-04	X		V			1.4E+09	9.6E+05	1	0.14	-Aroclor 5460	11126-42-4					4.7E+01	1.4E+02		3.5E+01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	2.4E+06	1	0.14	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.8E-01	4.5E-01	6.0E+00	1.3E-01	1.8E+00	5.5E+00	3.4E+03	1.4E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.6E+06	1	0.14	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 167)	52663-72-6	1.8E-01	4.5E-01	3.9E+00	1.2E-01	1.8E+00	5.5E+00	2.2E+03	1.4E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.0E+06	1	0.14	-Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)	69782-90-7	1.8E-01	4.5E-01	2.6E+00	1.2E-01	1.8E+00	5.5E+00	1.4E+03	1.4E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.1E+06	1	0.14	-Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 156)	38380-08-4	1.8E-01	4.5E-01	2.7E+00	1.2E-01	1.8E+00	5.5E+00	1.5E+03	1.4E+00	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V		1.4E+09	1.6E+06	1	0.14	-Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.8E-04	4.5E-04	3.9E-03	1.2E-04	1.8E+03	5.5E+03	2.2E+00	1.4E+03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	7.3E+05	1	0.14	-Pentachlorobiphenyl, 2',3,4,4',5'-(PCB 123)	65510-44-3	1.8E-01	4.5E-01	1.8E+00	1.2E-01	1.8E+00	5.5E+00	1.0E+03	1.4E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	5.9E+05	1	0.14	-Pentachlorobiphenyl, 2,3',4,4',5'-(PCB 118)	31508-00-6	1.8E-01	4.5E-01	1.5E+00	1.2E-01	1.8E+00	5.5E+00	8.2E+02	1.4E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	6.0E+05	1	0.14	-Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.8E-01	4.5E-01	1.5E+00	1.2E-01	1.8E+00	5.5E+00	8.4E+02	1.4E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.1E+06	1	0.14	-Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 114)	74472-37-0	1.8E-01	4.5E-01	2.6E+00	1.2E-01	1.8E+00	5.5E+00	1.5E+03	1.4E+00	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		1.4E+09	7.3E+05	1	0.14	-Pentachlorobiphenyl, 3,3',4,4',5'-(PCB 126)	57465-28-8	5.3E-05	1.4E-04	5.4E-04	3.6E-05	5.5E-04	1.6E-03	3.0E-01	4.1E-04	
2.0E+00	I	5.7E-04	I				V			1.4E+09	5.3E+05	1	0.14	-Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E-01	8.8E-01	2.6E+00	2.3E-01					
4.0E-01	I	1.0E-04	I				V					1	0.14	-Polychlorinated Biphenyls (low risk)	1336-36-3									
7.0E-02	I	2.0E-05	I				V					1	0.14	-Polychlorinated Biphenyls (lowest risk)	1336-36-3									
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			1.4E+09		1	0.14	-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	5.3E-02	1.4E-01	1.0E+03	3.8E-02	5.5E-01	1.6E+00	5.7E+05	4.1E-01	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		1.4E+09	5.1E+05	1	0.14	-Tetrachlorobiphenyl, 3,4,4',5'-(PCB 81)	70362-50-4	1.8E-02	4.5E-02	1.3E-01	1.2E-02	1.8E-01	5.5E-01	7.1E+01	1.4E-01	
				6.0E-04	I					1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.5E+05	8.5E+05	
				6.0E-02	I		V			1.4E+09	1.4E+05	1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)	83-32-9					4.7E+03	1.5E+04		3.6E+03	
				3.0E-01	I		V			1.4E+09	5.2E+05	1	0.13	-Acenaphthene	120-12-7					2.3E+04	7.6E+04		1.8E+04	
7.3E-01	E	1.1E-04	C				V	M		1.4E+09	4.4E+06	1	0.13	-Benz[a]anthracene	56-55-3	2.1E-01	6.3E-01	4.1E+01	1.6E-01					
1.2E+00	C	1.1E-04	C							1.4E+09		1	0.13	-Benzo[j]fluoranthene	205-82-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01					
7.3E+00	I	1.1E-03	C					M		1.4E+09		1	0.13	-Benzo[a]pyrene	50-32-8	2.1E-02	6.3E-02	1.3E+03	1.6E-02					
7.3E-01	E	1.1E-04	C					M		1.4E+09		1	0.13	-Benzo[b]fluoranthene	205-99-2	2.1E-01	6.3E-01	1.3E+04	1.6E-01					
7.3E-02	E	1.1E-04	C					M		1.4E+09		1	0.13	-Benzo[k]fluoranthene	207-08-9	2.1E+00	6.3E+00	1.3E+04	1.6E+00					
				8.0E-02	I		V			1.4E+09	8.0E+04	1	0.13	-Chloronaphthalene, Beta-	91-58-7					6.3E+03	2.0E+04		4.8E+03	
7.3E-03	E	1.1E-05	C					M		1.4E+09		1	0.13	-Chrysene	218-01-9	2.1E+01	6.3E+01	1.3E+05	1.6E+01					
7.3E+00	E	1.2E-03	C					M		1.4E+09		1	0.13	-Dibenz[a,h]anthracene	53-70-3	2.1E-02	6.3E-02	1.1E+03	1.6E-02					
1.2E+01	C	1.1E-03	C					M		1.4E+09		1	0.13	-Dibenzo[a,e]pyrene	192-65-4	5.8E-02	1.6E-01	3.5E+03	4.2E-02					
2.5E+02	C	7.1E-02	C					M		1.4E+09		1	0.13	-Dimethylbenz(a)anthracene, 7,12-	57-97-6	6.1E-04	1.8E-03	1.9E+01	4.6E-04					
				4.0E-02	I					1.4E+09		1	0.13	-Fluoranthene	206-44-0					3.1E+03	1.0E+04		2.4E+03	
				4.0E-02	I		V			1.4E+09	2.8E+05	1	0.13	-Fluorene	86-73-7					3.1E+03	1.0E+04		2.4E+03	
7.3E-01	E	1.1E-04	C					M		1.4E+09		1	0.13	-Indeno[1,2,3-cd]pyrene	193-39-5	2.1E-01	6.3E-01	1.3E+04	1.6E-01					
2.9E-02	P			7.0E-02	A		V		3.9E+02	1.4E+09	5.9E+04	1	0.13	-Methylnaphthalene, 1-	90-12-0	2.4E+01	6.6E+01		1.8E+01	5.5E+03	1.8E+04		4.2E+03	
				4.0E-03	I		V			1.4E+09	5.8E+04	1	0.13	-Methylnaphthalene, 2-	91-57-6					3.1E+02	1.0E+03		2.4E+02	
1.2E+00		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1.4E+09	4.6E+04	1	0.13	-Naphthalene	91-20-3			3.8E+00	3.8E+00	1.6E+03	5.1E+03	1.4E+02	1.3E+02	
		1.0E-03	C	1.1E-04	C					1.4E+09		1	0.13	-Nitrophenyl, 4-	57835-92-4	5.8E-01	1.6E+00	3.5E+04	4.2E-01	2.3E+03	7.6E+03		1.8E+03	
				3.0E-02	I		V			1.4E+09	2.4E+06	1	0.13	-Pyrene	129-00-0									
1.5E-01	I			2.0E-02	P					1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3					1.6E+03	6.6E+03		1.3E+03	
				9.0E-03	I					1.4E+09														

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Toxicity and Chemical-specific Information															
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _c (mg/kg)	k _e (mg/m ³) ⁻¹	RfC _c (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	v _o (m ³ /kg)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GI/ABS	ABS	
Contaminant															
Carcinogenic Target Risk (TR) = 1E-06															
Noncancer Child Hazard Index (HI) = 1															
Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)								
Analyte	CAS No.														
Selenium	7782-49-2														
Selenium Sulfide	7446-34-6														
Sethoxydim	74051-80-2														
Silica (crystalline, respirable)	7631-86-9														
Silver	7440-22-4														
Simazine	122-34-9	5.8E+00	2.1E+01	4.5E+00											
Sodium Acifluorfen	62476-59-9														
Sodium Azide	26628-22-8														
Sodium Dichromate	10588-01-9	3.1E-01	9.2E+00	3.0E-01											
Sodium Diethyldithiocarbamate	148-18-5	2.6E+00	9.2E+00	2.0E+00											
Sodium Fluoride	7681-49-4														
Sodium Fluoroacetate	62-74-8														
Sodium Metavanadate	13718-26-8														
Sodium Tungstate	13472-45-2														
Sodium Tungstate Dihydrate	10213-10-2														
Stirofos (Tetrachlorovinphos)	961-11-5	2.9E+01	1.0E+02	2.3E+01											
Strontium Chromate	7789-06-2	3.1E-01	9.2E+00	3.0E-01											
Strontium, Stable	7440-24-6														
Strychnine	57-24-9														
Styrene	100-42-5														
Styrene-Acrylonitrile (SAN) Trimer	NA														
Sulfone	126-33-0														
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9														
Sulfur Trioxide	7446-11-9														
Sulfuric Acid	7664-93-9														
Sulfurous acid, 2-chloroethyl 2-[(4-(1,1-dimethylethyl)phenoxy)-1-methylethyl ester	140-57-8	2.8E+01	9.9E+01	5.4E+05	2.2E+01										
TCMTB	21564-17-0														
Tebuthiuron	34014-18-1														
Temephos	3383-96-8														
Terbacil	5902-51-2														
Terbufos	13071-79-9														
Terbutryn	886-50-0														
Tetrabromodiphenyl ether, 2,2',4,4'-(BDF-47)	5436-43-1														
Tetrachlorobenzene, 1,2,4,5-	95-94-3														
Tetrachloroethane, 1,1,1,2-	630-20-6	2.7E+01	2.2E+00	2.0E+00											
Tetrachloroethane, 1,1,2,2-	79-34-5	3.5E+00	7.3E-01	6.0E-01											
Tetrachloroethylene	127-18-4	3.3E+02	2.5E+01	2.4E+01											
Tetrachlorophenol, 2,3,4,6-	58-90-2														
Tetrachlorotoluene, p- alpha, alpha-	5216-25-1	3.5E-02	3.5E-02												
Tetraethyl Dithiopyrophosphate	3689-24-5														
Tetrafluoroethane, 1,1,1,2-	911-97-2														
Tetryl (Trinitrophenylmethylnitramine)	479-45-8														
Thallic Oxide	1214-32-5														
Thallium (I) Nitrate	10102-45-1														
Thallium (Soluble Salts)	7440-28-0														
Thallium Acetate	563-68-8														
Thallium Carbonate	6533-73-9														
Thallium Chloride	7791-12-0														
Thallium Selenite	12039-52-0														
Thallium Sulfate	7446-18-6														
Thiensiulfuron-methyl	79277-27-3														
Thiobencarb	28249-77-6														
Thiodiglycol	111-48-8														
Thiofanox	39196-18-4														
Thiophanate, Methyl	23564-05-8														
Thiram	137-26-8														
Tin	7440-31-5														
Titanium Tetrachloride	7550-45-0														
Toluene	108-88-3														
Toluene-2,4-diisocyanate	584-84-9														
Toluene-2,5-diamine	95-70-5														
Toluene-2,6-diisocyanate	91-08-7														
Toluidine, o- (Methylaniline, 2-)	95-53-4	4.3E+01	1.5E+02	7.5E+04	3.4E+01										
Toluidine, p-	106-49-0	2.3E+01	8.2E+01	1.8E+01											
Total Petroleum Hydrocarbons (Aliphatic High)	NA														
Total Petroleum Hydrocarbons (Aliphatic Low)	NA														
Total Petroleum Hydrocarbons (Aliphatic Medium)	NA														
Total Petroleum Hydrocarbons (Aromatic High)	NA														
Total Petroleum Hydrocarbons (Aromatic Low)	NA														
Total Petroleum Hydrocarbons (Aromatic Medium)	NA														
Toxaphene	8001-35-2	6.3E-01	2.2E+00	1.2E+04	4.9E-01										
Tri-n-butyltin	688-73-3														
Triacetin	102-76-1														
Triadimefon	43121-43-3														

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																								
Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day) ⁻¹	RfD _c (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	RfC _c (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
			1.3E-02					V		1.4E+09	3.6E+05	1		Triallate	2303-17-5					1.0E+03			1.0E+03	
			1.0E-02					I		1.4E+09			0.1	Triasulfuron	82097-50-5					7.8E+02	3.3E+03		6.3E+02	
			8.0E-03					I		1.4E+09			0.1	Tribenuron-methyl	101200-48-0					6.3E+02	2.6E+03		5.1E+02	
9.0E-03	P		5.0E-03					I		1.4E+09	4.8E+04	1		Tribromobenzene, 1,2,4-	615-54-3					3.9E+02			3.9E+02	
			1.0E-02					P		1.4E+09			0.1	Tributyl Phosphate	126-73-8	7.7E+01	2.7E+02		6.0E+01	7.8E+02	3.3E+03		6.3E+02	
			3.0E-04					P		1.4E+09			0.1	Tributyltin Compounds	NA					2.3E+01	9.9E+01		1.9E+01	
			3.0E-04					I		1.4E+09			0.1	Tributyltin Oxide	56-35-9					2.3E+01	9.9E+01		1.9E+01	
7.0E-02	I		3.0E+01					I	9.1E+02	1.4E+09	1.3E+03	1		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.3E+06			4.0E+04	
			2.0E-02					I		1.4E+09			0.1	Trichloroacetic Acid	76-03-9	9.9E+00	3.5E+01		7.8E+00	1.6E+03	6.6E+03		1.3E+03	
2.9E-02	H		3.0E-05					X		1.4E+09			0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.4E+01	8.5E+01		1.9E+01					
7.0E-03	X		8.0E-04					X		1.4E+09			0.1	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	2.3E+00	9.9E+00		1.9E+00	
								V		1.4E+09	3.2E+04	1		Trichlorobenzene, 1,2,3-	87-61-6					6.3E+01			6.3E+01	
2.9E-02	P		1.0E-02					P	4.0E+02	1.4E+09	3.0E+04	1		Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01			2.4E+01	7.8E+02		6.2E+01	5.8E+01	
			2.0E+00					I	5.0E+00	1.4E+09	1.7E+03	1		Trichloroethane, 1,1,1-	71-55-6					1.6E+05		8.6E+03	8.1E+03	
5.7E-02	I	1.6E-05	I	4.0E-03				X	2.2E+03	1.4E+09	7.2E+03	1		Trichloroethane, 1,1,2-	79-00-5	1.2E+01		1.3E+00	1.1E+00	3.1E+02		1.5E+00	1.5E+00	
4.6E-02	I	4.1E-06	I	5.0E-04				I	2.0E-03	1.4E+09	2.2E+03	1		Trichloroethylene	79-01-6	8.8E+00		1.1E+00	9.4E-01	3.9E+01			4.6E+00	
			3.0E-01					I	1.2E+03	1.4E+09	1.0E+03	1		Trichlorofluoromethane	75-69-4					2.3E+04			2.3E+04	
			1.0E-01					I		1.4E+09			0.1	Trichlorophenol, 2,4,5-	95-95-4					7.8E+03	3.3E+04		6.3E+03	
1.1E-02	I	3.1E-06	I	1.0E-03				P		1.4E+09			0.1	Trichlorophenol, 2,4,6-	88-06-2	6.3E+01	2.2E+02	1.2E+06	4.9E+01	7.8E+01	3.3E+02		6.3E+01	
			1.0E-02					I		1.4E+09			0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					7.8E+02	3.3E+03		6.3E+02	
			8.0E-03					I		1.4E+09			0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.3E+02	2.6E+03		5.1E+02	
3.0E+01	I		5.0E-03					I	1.3E+03	1.4E+09	1.5E+04	1		Trichloropropane, 1,1,2-	598-77-6					3.9E+02			3.9E+02	
			4.0E-03					I	1.4E+03	1.4E+09	1.6E+04	1		Trichloropropane, 1,2,3-	96-18-4	5.1E-03			5.1E-03	3.1E+02		4.9E+00	4.8E+00	
			3.0E-03					X	3.0E-04	1.4E+09	2.3E+03	1		Trichloropropane, 1,2,3-	96-19-5					2.3E+02		7.3E-01	7.3E-01	
			2.0E-02					A		1.4E+09			0.1	Tricresyl Phosphate (TCP)	1330-78-5					1.6E+03	6.6E+03		1.3E+03	
			3.0E-03					I		1.4E+09			0.1	Triphenylamine	58138-08-2					2.3E+02	9.9E+02		1.9E+02	
			7.0E-03					I	2.8E+04	1.4E+09	1.6E+04	1		Triethylamine	121-44-8							1.2E+02	1.2E+02	
			2.0E+00					P	4.8E+03	1.4E+09	7.1E+02	1		Triethylene Glycol	112-27-6					1.6E+05	6.6E+05		1.3E+05	
7.7E-03	I		2.0E+01					P	4.8E+03	1.4E+09	7.1E+02	1		Trifluoroethane, 1,1,1-	420-46-2					1.5E+04			1.5E+04	
			7.5E-03					I		1.4E+09	5.1E+05	1		Trifluralin	1582-09-8	9.0E+01			9.0E+01	5.9E+02			5.9E+02	
2.0E-02	P		1.0E-02					P		1.4E+09			0.1	Trimethyl Phosphate	512-56-1	3.5E+01	1.2E+02		2.7E+01	7.8E+02	3.3E+03		6.3E+02	
			5.0E-03					P	2.9E+02	1.4E+09	9.4E+03	1		Trimethylbenzene, 1,2,3-	526-73-8							4.9E+01	4.9E+01	
			7.0E-03					P	2.2E+02	1.4E+09	7.9E+03	1		Trimethylbenzene, 1,2,4-	95-63-6							5.8E+01	5.8E+01	
			1.0E-02					X	1.8E+02	1.4E+09	6.6E+03	1		Trimethylbenzene, 1,3,5-	108-67-8					7.8E+02			7.8E+02	
			1.0E-02					X	3.0E+01	1.4E+09	1.0E+03	1		Trimethylpentene, 2,4,4-	25167-70-8					7.8E+02			7.8E+02	
			3.0E-02					I	1.4E+09				0.019	Trinitrobenzene, 1,3,5-	99-35-4					2.3E+03	5.2E+04		2.2E+03	
3.0E-02	I		5.0E-04					I	1.4E+09				0.032	Trinitrotoluene, 2,4,6-	118-96-7	2.3E+01	2.6E+02		2.1E+01	3.9E+01	5.2E+02		3.6E+01	
			2.0E-02					P	1.4E+09				0.1	Triphenylphosphine Oxide	791-28-6					1.6E+03	6.6E+03		1.3E+03	
			2.0E-02					A	1.4E+09				0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.6E+03	6.6E+03		1.3E+03	
2.3E+00	C	6.6E-04	C					V	4.7E+02	1.4E+09	9.0E+05	1		Tris(1-chloro-2-propyl)phosphate	13674-84-5					7.8E+02	3.3E+03		6.3E+02	
2.0E-02	P		7.0E-03					P		1.4E+09			0.1	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.0E-01		3.8E+00	2.8E-01					
3.2E-03	P		1.0E-01					P		1.4E+09			0.1	Tris(2-chloroethyl)phosphate	115-96-8	3.5E+01	1.2E+02		2.7E+01	5.5E+02	2.3E+03		4.4E+02	
			8.0E-04					P		1.4E+09			0.1	Tris(2-ethylhexyl)phosphate	78-42-2	2.2E+02	7.7E+02		1.7E+02	7.8E+03	3.3E+04		6.3E+03	
			3.0E-03					I	4.0E-05	1.4E+09			0.1	Tungsten	7440-33-7					6.3E+01			6.3E+01	
1.0E+00	C	2.9E-04	C					M		1.4E+09			0.1	Uranium (Soluble Salts)	NA					2.3E+02		5.7E+04	2.3E+02	
			8.3E-03					P	9.0E-03	1.4E+09			0.026	Urethane	51-79-6	1.5E-01	6.0E-01	4.8E+03	1.2E-01	7.0E+02		9.9E+03	6.6E+02	
			5.0E-03					S	1.0E-06	1.4E+09			0.026	Vanadium Pentoxide	1314-62-1			4.6E+02	4.6E+02	3.9E+02		1.4E+05	3.9E+02	
			1.0E-03					I		1.4E+09	1.2E+05	1		Vanadium Compounds	7440-62-2					7.8E+01			7.8E+01	
			2.5E-02					I		1.4E+09			0.1	Vernolate	1929-77-7					2.0E+03	8.2E+03		1.6E+03	
			1.0E+00					H	2.0E-01	1.4E+09	4.4E+03	1		Vincolozin	50471-44-8					7.8E+04		9.2E+02	9.1E+02	
			3.2E-05					H	3.0E-03	1.4E+09	1.4E+03	1		Vinyl Bromide	593-60-2							4.3E+00	4.3E+00	
7.2E-01	I	4.4E-06	I	3.0E-03				I	1.0E-01	1.4E+09	9.6E+02	1		Vinyl Chloride	75-01-4	9.4E-02		1.2E-01	1.2E-01	2.3E+02		1.0E+02	7.0E+01	
			3.0E-04					I		1.4E+09			0.1	Warfarin	81-81-2					2.3E+01	9.9E+01		1.9E+01	
			2.0E-01					S	1.0E-01	1.4E+09	5.6E+03	1		Xylene, p-	106-42-3					1.6E+04		5.8E+02	5.6E+02	
			2.0E-01					S	1.0E-01	1.4E+09	5.5E+03	1		Xylene, m-	108-38-3					1.6E+04		5.7E+02	5.5E+02	
			2.0E-01					S	1.0E-01	1.4E+09	6.5E+03	1		Xylene, o-	95-47-6					1.6E+04		6.7E+02	6.5E+02	
			2.0E-01					I	1.0E-01	1.4E+09	5.7E+03	1		Xylenes	1330-20-7					1.6E+04		6.0E+02	5.8E+02	
			3.0E-04					I		1.4E+09			0.1											