

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	k _e	IUR	k _e	RfD _c	k _e	RfC	k _e	muta-	C _{sat}	PEF	VF	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	1.4E+09	8.7E+03	1	Acephate	30560-19-1	8.0E+01	2.8E+02	1.1E+01	6.2E+01	3.1E+02	1.3E+03	8.2E+01	2.6E+02	
				2.0E-02	I	3.1E+01	A	V	1.1E+05	1.4E+09	1.4E+04	1	0.1	Acetaldehyde	75-07-0				1.1E+01	1.6E+03	6.6E+03	8.2E+01	8.2E+01	
				9.0E-01	I	2.0E-03	X		1.4E+09	1.4E+09	1	1	0.1	Acetochlor	34256-82-1								1.3E+03	
				6.0E-02	I	6.0E-03	P		1.4E+09	1.4E+09	1	1	0.1	Acetone	67-64-1							4.4E+05	6.1E+04	
				1.0E-01	I	1.0E-03	I	V	2.5E+03	1.4E+09	6.0E+04	1	1	0.1	Acetone Cyanohydrin	75-86-5						2.8E+06	2.8E+06	
				5.0E-04	I	2.0E-05	I	V	2.3E+04	1.4E+09	6.9E+03	1	1	0.1	Acetonitrile	75-05-8						8.1E+02	8.1E+02	
3.8E+00	C	1.3E-03	C	1.0E-01	I	1.0E-03	I	V	1.4E+09	1.4E+09	1	1	0.1	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	1	0.1	Acetylaminofluorene, 2-Acrolein	53-96-3						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	1.4E+09	1	1	0.1	Acrylamide	79-06-1	3.1E-01	1.2E+00	1.4E+04	2.4E-01	1.6E+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	1	0.1	Acrylic Acid	79-10-7						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	1	0.1	Acrylonitrile	107-13-1	1.3E+00	3.2E-01	2.5E-01	3.1E+03	3.1E+03	1.6E+01	1.6E+01	
				1.0E-03	I	6.0E-03	P		1.4E+09	1.4E+09	1	1	0.1	Adiponitrile	111-69-3							8.5E+06	8.5E+06	
5.6E-02	C	1.0E-02	I	1.0E-03	I	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Alachlor	15972-60-8	1.2E+01	4.4E+01		9.7E+00	7.8E+02	3.3E+03	3.3E+02	3.3E+02	
				1.0E-03	I	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Aldicarb	116-06-3							3.3E+02	3.3E+02	
				1.0E-03	I	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Aldicarb Sulfone	1646-88-4							3.3E+02	3.3E+02	
1.7E+01	I	4.9E-03	I	3.0E-05	I	1.0E-04	X	V	1.1E+05	1.4E+09	3.4E+04	1	1	0.1	Aldicarb sulfoxide	1646-87-3	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	1	0.1	Aldrin	309-00-2						1.4E-01	1.4E-01	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.4E+09	1.4E+09	1.6E+03	1	1	0.1	Allyl Alcohol	107-18-6	3.3E+01	7.4E-01	7.2E-01	3.9E+02				3.5E+00
				4.0E-04	I	1.0E-03	I	V	1.4E+09	1.4E+09	1.6E+03	1	1	0.1	Allyl Chloride	107-05-1						1.7E+00	1.7E+00	
				9.0E-03	I	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Aluminum	7429-90-5							7.1E+06	7.7E+04	
2.1E+01	C	6.0E-03	C	4.0E-04	I	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Aluminum Phosphide	20859-73-8	3.3E-02	1.2E-01	6.4E+02	2.6E-02	3.1E+01	3.0E+03			3.1E+01
				9.0E-03	I	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Ametryn	834-12-8							3.0E+03	3.0E+03	
				8.0E-02	P	1.0E-01	I	V	1.4E+09	1.4E+09	1	1	0.1	Aminobiphenyl, 4-	92-67-1							3.0E+03	3.0E+03	
				2.0E-02	P	1.0E-01	I	V	1.4E+09	1.4E+09	1	1	0.1	Aminophenol, m-	591-27-5							2.6E+04	2.6E+04	
				2.5E-03	I	1.0E-01	I	V	1.4E+09	1.4E+09	1	1	0.1	Aminophenol, p-	123-30-8							6.6E+03	6.6E+03	
				2.0E-01	I	3.0E-03	X	V	1.4E+04	1.4E+09	2.6E+04	1	1	0.1	Amtraz	33089-61-1						8.2E+02	8.2E+02	
				2.0E-01	I	3.0E-03	X	V	1.4E+04	1.4E+09	2.6E+04	1	1	0.1	Ammonia	7664-41-7							8.2E+01	1.6E+04
				3.0E-03	X	1.0E-03	I	V	1.4E+09	1.4E+09	1	1	0.1	Ammonium Sulfamate	7773-06-0							8.2E+01	8.2E+01	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1.4E+09	1.4E+09	1	1	0.1	Amyl Alcohol, tert-	75-85-4	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	4.0E-04	I	1.4E+09	0.15		1.4E+09	1.4E+09	0.15	0.15	0.15	Aniline	62-53-3	1.7E+01	6.2E+01	1.4E+01	1.4E+01	1.6E+02	6.6E+02	1.4E+06	1.3E+02	
				4.0E-04	I	1.4E+09	0.15		1.4E+09	1.4E+09	0.15	0.15	0.15	Anthraquinone, 9,10-Antimony (metallic)	84-85-1							6.6E+02	6.6E+02	
				5.0E-04	H	1.4E+09	0.15		1.4E+09	1.4E+09	0.15	0.15	0.15	Antimony Pentoxide	1314-60-9							3.1E+01	3.1E+01	
				4.0E-04	H	1.4E+09	0.15		1.4E+09	1.4E+09	0.15	0.15	0.15	Antimony Tetroxide	1332-81-6							3.1E+01	3.1E+01	
				2.0E-04	I	1.4E+09	0.15		1.4E+09	1.4E+09	0.15	0.15	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	1.4E+09	1	0.03	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	1.4E+09	1	1	0.1	Arsine	7784-42-1							7.1E+04	2.7E-01	
				5.0E-02	I	1.4E+09	1		1.4E+09	1.4E+09	1	1	0.1	Asulam	3337-71-1							1.6E+04	3.2E+03	
2.3E-01	C	3.5E-02	I	1.4E+09	1	1.4E+09	1		1.4E+09	1.4E+09	1	1	0.1	Atrazine	1912-24-9	3.0E+00	1.1E+01	1.5E+04	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		1.4E+09	1.4E+09	1	1	0.1	Auramine	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01	3.9E+03	1.6E+04			3.2E+03
				4.0E-04	I	1.4E+09	1		1.4E+09	1.4E+09	1	1	0.1	Avermectin B1	65195-55-3							3.1E+01	1.3E+02	
				3.0E-03	A	1.0E-02	A		1.4E+09	1.4E+09	5.2E+05	1	0.1	Azaphos-methyl	86-50-0							9.9E+02	1.4E+07	
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	P		1.4E+09	1.4E+09	1	1	0.1	Azobenzene	103-33-3	6.3E+00	4.7E+01	5.6E+00	5.6E+00	7.8E+04	3.3E+05	9.9E+03	8.6E+03	
				1.0E+00	P	7.0E-06	P		1.4E+09	1.4E+09	1	1	0.1	Azodicarbonamide	123-77-3							9.9E+03	9.9E+03	
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H		1.4E+09	1.4E+09	0.07	0.07	0.07	Barium	7440-39-3	3.1E-01	9.2E+00	3.0E-01	3.0E-01	1.6E+04	7.1E+05	1.6E+03	1.6E+03	
				2.0E-02	C	2.0E-04	C	M	1.4E+09	1.4E+09	0.025	0.025	0.025	Barium Chromate	10294-40-3							2.8E+05	2.8E+05	
				3.0E-01	I	1.4E+09	3.1E+05		1.4E+09	1.4E+09	1	1	0.1	Benfluralin	1861-40-1							2.3E+04	2.3E+04	
				5.0E-02	I	1.4E+09	1		1.4E+09	1.4E+09	1	1	0.1	Benmethyl	17804-35-2							3.9E+03	1.6E+04	
				2.0E-01	I	1.4E+09	1		1.4E+09	1.4E+09	1	1	0.1	Bensulfuron-methyl	83055-99-6							1.6E+04	6.6E+04	
				3.0E-02	I	1.4E+09	1		1.4E+09	1.4E+09	1	1	0.1	Bentazon	25057-89-0							2.3E+03	9.9E+03	
4.0E-03	P	1.0E-01	I	1.0E-01	I	1.2E+03	1.4E+09	2.3E+04	1	1	1	1	0.1	Benzaldehyde	100-52-7	1.7E+02	1.3E+01	1.3E+00	1.7E+02	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	1	0.1	Benzene	71-43-2	1.3E+01	1.3E+00	1.2E+00	3.1E+02	3.1E+02	1.1E+02	8.2E+01	
1.0E-01	X	3.0E-04	X	1.0E-03	P	1.3E+03	1.4E+09	1.9E+04	1	1	1	1	0.1	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.0E+00								

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1				
SFO	k _e	IUR	k _e	RfD _c	k _e	RfC _c	k _e	muta-	C _{sat}	PEF	VF	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	I	3.7E-05	C	2.0E-02	I	4.0E-02	X	V	4.0E+03	1.4E+09	3.6E+03	1		Bromochloromethane	74-97-5	1.1E+01		3.0E-01	2.9E-01	1.6E+03		1.5E+02	1.6E+02	
7.9E-03	I	1.1E-06	I	2.0E-02	I			V	9.3E+02	1.4E+09	4.0E+03	1		Bromodichloromethane	75-27-4	8.8E+01		2.5E+01	1.9E+01	1.6E+03			1.6E+03	
								V	9.2E+02	1.4E+09	9.7E+03	1		Bromoform	75-25-2								1.6E+03	
								V	3.6E+03	1.4E+09	1.4E+03	1		Bromomethane	74-83-9					1.1E+02		7.3E+00	6.8E+00	
								V	1.4E+09	1.2E+05		1		Bromophos	2104-96-3					3.9E+02			3.9E+02	
								V	1.4E+09			0.1		Bromoxynil	1689-84-5					1.6E+03	6.6E+03		1.3E+03	
3.4E+00	C	3.0E-05	I	2.0E-02	I	2.0E-03	I	V	1.4E+09	4.7E+05		1		Bromoxynil Octanoate	1689-99-2	2.0E-01		8.1E-02	5.8E-02	1.6E+03			1.6E+03	
								V	6.7E+02	1.4E+09	8.7E+02	1		Butadiene, 1,3-	106-99-0					7.8E+03		1.8E+00	1.8E+00	
								V	7.6E+03	1.4E+09	3.0E+04	1		Butanol, N-	71-36-3					7.8E+03			7.8E+03	
								V	2.1E+04	1.4E+09	2.9E+04	1		Butyl alcohol, sec-	78-92-2					1.6E+05		9.1E+05	1.3E+05	
2.0E-04	C	5.7E-08	C	5.0E-02	I			V	1.4E+09	8.6E+04		1	0.1	Butylate	2008-41-5	3.5E+03	1.2E+04	6.7E+07	2.7E+03	3.9E+03			3.9E+03	
								V	1.4E+09			1		Butylated hydroxyanisole	25013-16-5									
3.6E-03	P			3.0E-01	P			V	1.4E+09			1	0.1	Butylated hydroxytoluene	128-37-0	1.9E+02	6.9E+02		1.5E+02	2.3E+04	9.9E+04		1.9E+04	
				5.0E-02	P			V	1.1E+02	1.4E+09	8.1E+03	1		Butylbenzene, n-	104-51-8					3.9E+03			3.9E+03	
				1.0E-01	X			V	1.5E+02	1.4E+09	7.4E+03	1		Butylbenzene, sec-	135-98-8					7.8E+03			7.8E+03	
				1.0E-01	X			V	1.8E+02	1.4E+09	7.4E+03	1	0.1	Butylbenzene, tert-	98-06-6					7.8E+03			7.8E+03	
				2.0E-02	A			V	1.4E+09			1	0.1	Caacodylic Acid	75-60-5			2.1E+03		1.6E+03	6.6E+03		1.3E+03	
				1.0E-03	I	1.0E-05	A		1.4E+09		0.025	0.001		Cadmium (Diet)	7440-43-9			2.1E+03		7.8E+01	8.2E+02	1.4E+04	7.1E+01	
				5.0E-04	I	1.0E-05	A		1.4E+09		0.05	0.001		Cadmium (Water)	7440-43-9					3.9E+04	1.6E+05	2.8E+05	3.1E+06	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	1.4E+09			0.025	0.1	Calcium Chromate	13765-19-0	3.1E-01		9.2E+00	3.0E-01	1.6E+03			1.6E+03	
				5.0E-01	I	2.2E-03	C		1.4E+09			1	0.1	Caprolactam	105-60-2					3.9E+04	1.6E+05	3.1E+06	3.1E+04	
1.5E-01	C	4.3E-05	C	2.0E-03	I			V	1.4E+09			1	0.1	Captalol	2425-06-1	4.6E+00	1.6E+01	8.9E+04	3.6E+00	1.6E+02	6.6E+02		1.3E+02	
2.3E-03	C	6.6E-07	C	1.3E-01	I			V	1.4E+09			1	0.1	Captan	133-06-2	3.0E+02	1.1E+03	5.8E+06	2.4E+02	1.0E+04	4.3E+04		8.2E+03	
				1.0E-01	I			V	1.4E+09			1	0.1	Carbaryl	63-25-2					7.8E+03	3.3E+04		6.3E+03	
				5.0E-03	I			V	1.4E+09			1	0.1	Carbofuran	1563-66-2					3.9E+02	1.6E+03		3.2E+02	
				1.0E-01	I	7.0E-01	I	V	7.4E+02	1.4E+09	1.2E+03	1		Carbon Disulfide	75-15-0					7.8E+03			7.7E+02	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	4.6E+02	1.4E+09	1.5E+03	1		Carbon Tetrachloride	56-23-5	9.9E+00		7.0E-01	6.5E-01	3.1E+02			1.6E+02	
								V	5.9E+03	1.4E+09	6.5E+02	1		Carbonyl Sulfide	463-58-1					7.8E+02	3.3E+03		6.7E+01	
				1.0E-02	I			V	1.4E+09			1	0.1	Carbosulfan	55285-14-8					7.8E+03	3.3E+04		6.3E+02	
				1.0E-01	I			V	1.4E+09			1	0.1	Carboxin	5234-68-4					7.8E+03	3.3E+04		6.3E+03	
				9.0E-04	I			V	1.4E+09			1		Ceric oxide	1306-38-3							1.3E+06	1.3E+06	
				1.0E-01	I			V	1.4E+09	1.5E+05		1	0.1	Chloral Hydrate	302-17-0					7.8E+03			7.8E+03	
				1.5E-02	I			V	1.4E+09			1	0.1	Chloramben	133-90-4					1.2E+03	4.9E+03		9.5E+02	
4.0E-01	H							V	1.4E+09			1	0.1	Chloranil	118-75-2	1.7E+00	6.1E+00		1.3E+00	3.9E+01	4.1E+02	1.1E+03	3.5E+01	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1.4E+09	1.5E+06		1	0.4	Chlordane	12789-03-6	2.0E+00	1.8E+01	4.3E+01	1.7E+00	2.3E+01	9.9E+01			1.9E+01
1.0E+01	I	4.6E-03	C	3.0E-04	I			V	1.4E+09			1	0.1	Chlordecone (Kepone)	143-50-0	7.0E-02	2.5E-01	8.3E+02	5.4E-02	2.3E+01	9.9E+01			
				7.0E-04	A			V	1.4E+09			1	0.1	Chlorfenvinphos	470-90-6					5.5E+01	2.3E+02		4.4E+01	
				2.0E-02	I			V	1.4E+09			1	0.1	Chlorimuron, Ethyl-	90982-32-4					1.6E+03	6.6E+03		1.3E+03	
				1.0E-01	I	1.5E-04	A	V	2.8E+03	1.4E+09	1.2E+03	1		Chlorine	7782-50-5					7.8E+03		1.8E-01	1.8E-01	
				3.0E-02	I	2.0E-04	I	V	1.4E+09			1		Chlorine Dioxide	10049-04-4					2.3E+03		2.8E+05	2.3E+03	
				3.0E-02	I			V	1.4E+09			1		Chlorite (Sodium Salt)	7758-19-2					2.3E+03			2.3E+03	
				5.0E+01	I	V		V	1.2E+03	1.4E+09	1.0E+03	1		Chloro-1,1-difluoroethane, 1-	75-68-3							5.4E+04	5.4E+04	
4.6E-01	H			3.0E-04	I	2.0E-02	H	2.0E-02	7.9E+02	1.4E+09	1.1E+03	1		Chloro-1,3-butadiene, 2-	126-99-8			1.0E-02	1.0E-02	1.6E+03			2.2E+01	
1.0E-01	P	7.7E-05	C	3.0E-03	X			V	1.4E+09			1	0.1	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.5E+00	5.4E+00		1.2E+00	2.3E+02	9.9E+02		1.9E+02	
2.7E-01	X							V	1.4E+09			1	0.1	Chloro-2-methylaniline, 4-	95-69-2	7.0E+00	2.5E+01	5.0E+04	5.4E+00	2.3E+02	9.9E+02			
				3.0E-05	I			V	1.4E+09			1	0.1	Chloroacetaldehyde, 2-	107-20-0	2.6E+00			2.6E+00					
								V	1.4E+09			1	0.1	Chloroacetic Acid	79-11-8									
								V	1.4E+09			1	0.1	Chloroacetophenone, 2-	532-27-4							4.3E+04	4.3E+04	
2.0E-01	P			4.0E-03	I			V	1.4E+09			1	0.1	Chloroaniline, p-	106-47-8	3.5E+00	1.2E+01		2.7E+00	3.1E+02	1.3E+03			2.8E+02
				2.0E-02	I	5.0E-02	P	V	7.6E+02	1.4E+09	6.5E+03	1		Chlorobenzene	108-90-7					1.6E+03		3.4E+02	2.8E+02	
1.1E-01	C	3.1E-05	C	2.0E-02	I			V	1.4E+09			1	0.1	Chlorobenzilate	510-15-6	6.3E+00	2.2E+01	1.2E+05	4.9E+00	1.6E+03	6.6E+03		1.3E+03	
				3.0E-02	X			V	1.4E+09			1	0.1	Chlorobenzoic Acid, p-	74-11-3					2.3E+03	9.9E+03		1.9E+03	
				3.0E-03	P	3.0E-01	P	V	2.9E+02	1.4E+09	6.8E+03	1		Chlorobenzotrifluoride, 4-	98-56-6					2.3E+02		2.1E+03	2.1E+02	
				4.0E-02	P			V	7.3E+02	1.4E+09	1.8E+03	1		Chlorobutane, 1-	109-69-3					3.1E+03			3.1E+03	
				5.0E+01	I	V		V	1.7E+03	1.4E+09	9.4E+02	1		Chlorodifluoromethane	75-45-6								4.9E+04	
3.1E-02	C	2.3E-05	I	2.0E-02	P			V	1.1E+05	1.4E+09	7.8E+04	1		Chloroethanol, 2-	107-07-3					1.6E+03			1.6E+03	
				1.0E-02	I	9.8E-02	A	V	2.5E+03	1.4E+09	2.6E+03													

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 IUR (ug/m ³) ⁻¹	k _e RfD _d (mg/kg-day)	k _e RfC _d (mg/m ³)	k _e V _o	k _e muta- gen	C _{sat} (mg/kg)	PEF	VF	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		0.013		Chromium, Total	7440-47-3					1.0E+03			8.2E+02	
	9.0E-03	P	3.0E-04	P	6.0E-06	P	1.4E+09			0.1	Cobalt	74115-24-5					4.2E+02	4.2E+02		2.3E+01	
	6.2E-04	I			V	M					Coke Oven Emissions	8007-45-2									
		4.0E-02	H				1.4E+09				Copper	7440-50-8					3.1E+03			3.1E+03	
		5.0E-02	I	6.0E-01	C		1.4E+09			0.1	Cresol, m-	108-39-4					3.9E+03	1.6E+04	8.5E+08	3.2E+03	
		5.0E-02	I	6.0E-01	C		1.4E+09			0.1	Cresol, o-	95-48-7					3.9E+03	1.6E+04	8.5E+08	3.2E+03	
		1.0E-01	A	6.0E-01	C		1.4E+09			0.1	Cresol, p-	106-44-5					7.8E+03	3.3E+04	8.5E+08	6.3E+03	
		1.0E-01	A				1.4E+09			0.1	Cresol, p-chloro-m-	59-50-7					7.8E+03	3.3E+04		6.3E+03	
1.9E+00	H		1.0E-01	A	6.0E-01	C	1.4E+09			0.1	Cresols	1319-77-3					7.8E+03	3.3E+04	8.5E+08	6.3E+03	
		1.0E-03	P		V		1.7E+04	1.4E+09	1.9E+04	1	Crotonaldehyde, trans-	123-73-9	3.7E-01			3.7E-01	7.8E+01			7.8E+01	
		1.0E-01	I	4.0E-01	I	V	2.7E+02	1.4E+09	6.2E+03	1	Cumene	98-82-8					7.8E+03		2.6E+03	1.9E+03	
2.2E-01	C	6.3E-05	C				1.4E+09			0.1	Cupferron	135-20-6	3.2E+00	1.1E+01	6.1E+04	2.5E+00					
8.4E-01	H		2.0E-03	H			1.4E+09			0.1	Cyanazine	21725-46-2	8.3E-01	2.9E+00		6.5E-01	1.6E+02	6.6E+02		1.3E+02	
			1.0E-03	I			1.4E+09			1	-Calcium Cyanide	592-01-8					7.8E+01			7.8E+01	
			5.0E-03	I			1.4E+09			1	-Copper Cyanide	544-92-3					3.9E+02			3.9E+02	
			6.0E-04	I	8.0E-04	S	V	9.5E+05	1.4E+09	5.3E+04	1	-Cyanide (CN-)	57-12-5				4.7E+01		4.4E+01	2.3E+01	
			1.0E-03	I		V	1.4E+09			1	-Cyanogen	460-19-5					7.8E+01			7.8E+01	
			9.0E-02	I		V	1.4E+09			1	-Cyanogen Bromide	506-68-3					7.0E+03			7.0E+03	
			5.0E-02	I		V	1.4E+09			1	-Cyanogen Chloride	506-77-4					3.9E+03			3.9E+03	
			6.0E-04	I	8.0E-04	I	V	1.0E+07	1.4E+09	5.2E+04	1	-Hydrogen Cyanide	74-90-8				4.7E+01		4.4E+01	2.3E+01	
			2.0E-03	I			1.4E+09			1	-Potassium Cyanide	151-50-8					1.6E+02			1.6E+02	
			5.0E-03	I			1.4E+09		0.04		-Potassium Silver Cyanide	506-61-6					3.9E+02			3.9E+02	
			1.0E-01	I			1.4E+09		0.04		-Silver Cyanide	506-64-9					7.8E+03			7.8E+03	
			1.0E-03	I			1.4E+09		1		-Sodium Cyanide	143-33-9					7.8E+01			7.8E+01	
			2.0E-04	P			1.4E+09		1		-Thiocyanates	NA					1.6E+01			1.6E+01	
			2.0E-04	X		V	1.4E+09		1		-Thiocyanic Acid	463-56-9					1.6E+01			1.6E+01	
			5.0E-02	I			1.4E+09		1		-Zinc Cyanide	557-21-1					3.9E+03			3.9E+03	
			6.0E+00	I	V		1.2E+02	1.4E+09	1.0E+03	1	Cyclohexane	110-82-7					3.9E+03		6.5E+03	6.5E+03	
2.3E-02	H						1.4E+09			0.1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.0E+01	1.1E+02		2.4E+01					
			5.0E+00	I	7.0E-01	P	V	5.1E+03	1.4E+09	4.2E+04	1	Cyclohexanone	108-94-1					3.9E+05		3.0E+04	2.8E+04
			5.0E-03	P	1.0E+00	X	V	2.8E+02	1.4E+09	1.5E+03	1	Cyclohexene	110-83-8					3.9E+02		1.5E+03	3.1E+02
			2.0E-01	I		V	2.9E+05	1.4E+09	7.5E+04	1	Cyclohexylamine	108-91-8					1.6E+04			1.6E+04	
			2.5E-02	I			1.4E+09			0.1	Cyfluthrin	68359-37-5					2.0E+03	8.2E+03		1.6E+03	
			5.0E-03	I			1.4E+09			0.1	Cyhalothrin	68085-85-8					3.9E+02	1.6E+03		3.2E+02	
			1.0E-02	I			1.4E+09		0.1	Cypermethrin	52315-07-8					7.8E+02	3.3E+03		6.3E+02		
2.4E-01	I	6.9E-05	C				1.4E+09		0.1	Cyromazine	66215-27-8					5.9E+02	2.5E+03		4.7E+02		
			7.5E-03	I			1.4E+09		0.1	DDD	72-54-8	2.9E+00	1.0E+01	5.5E+04	2.3E+00						
3.4E-01	I	9.7E-05	C			V	1.4E+09	2.1E+06	1	DDE, p,p'-	72-55-9	2.0E+00		6.1E+01	2.0E+00						
3.4E-01	I	9.7E-05	I	5.0E-04	I		1.4E+09			0.03	DDT	50-29-3	2.0E+00	2.4E+01	3.9E+04	1.9E+00	3.9E+01	5.5E+02		3.7E+01	
			3.0E-02	I			1.4E+09		0.1	Dalapon	75-99-0					2.3E+03	9.9E+03		1.9E+03		
1.8E-02	C	5.1E-06	C	1.5E-01	I		1.4E+09		0.1	Daminozide	1596-84-5	3.9E+01	1.4E+02	7.5E+05	3.0E+01	1.2E+04	4.9E+04			9.5E+03	
7.0E-04	I		7.0E-03	I			1.4E+09		0.1	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	5.5E+02	2.3E+03		4.4E+02		
			4.0E-05	I			1.4E+09		0.1	Demeton	8065-48-3					3.1E+00	1.3E+01		2.5E+00		
1.2E-03	I		6.0E-01	I			1.4E+09		0.1	Di(2-ethylhexyl)adipate	103-23-1	5.8E+02	2.1E+03		4.5E+02	4.7E+04	2.0E+05		3.8E+04		
6.1E-02	H						1.4E+09		0.1	Diallate	2303-16-4	1.1E+01	4.1E+01		8.9E+00						
			7.0E-04	A			1.4E+09		0.1	Diazinon	333-41-5					5.5E+01	2.3E+02		4.4E+01		
8.0E-01	P	6.0E-03	P	2.0E-04	I	V	M	9.8E+02	1.4E+09	3.2E+04	1	Dibenzothiophene	132-65-0				7.8E+02			7.8E+02	
			4.0E-04	X			1.6E+02	1.4E+09	1.9E+04	1	Dibromo-3-chloropropane, 1,2-	96-12-8	1.9E-01		5.4E-03	5.3E-03	1.6E+01		6.7E+00	4.7E+00	
			1.0E-02	I		V	1.4E+09	2.2E+04	1	Dibromobenzene, 1,4-	106-37-6					3.1E+01			3.1E+01		
8.4E-02	I		2.0E-02	I		V	8.0E+02	1.4E+09	8.0E+03	1	Dibromochloromethane	124-48-1	8.3E+00			8.3E+00	1.6E+03			1.6E+03	
2.0E+00	I	6.0E-04	I	9.0E-03	I	V	1.3E+03	1.4E+09	8.6E+03	1	Dibromomethane, 1,2-	106-93-4	3.5E-01		4.0E-02	3.6E-02	7.0E+02		8.1E+01	7.3E+01	
			4.0E-03	X	V		2.8E+03	1.4E+09	5.6E+03	1	Dibromomethane (Methylene Bromide)	74-95-3					2.3E+01	9.9E+01	2.4E+01	2.4E+01	
			3.0E-04	P			1.4E+09		0.1	Dibutyltin Compounds	NA					2.3E+01	9.9E+01		1.9E+01		
			3.0E-02	I			1.4E+09		0.1	Dicamba	1918-00-9					2.3E+03	9.9E+03		1.9E+03		
			4.2E-03	P		V	5.5E+02	1.4E+09	3.2E+03	1	Dichloro-2-butene, 1,4-	764-41-0			2.1E-03	2.1E-03					
			4.2E-03	P		V	5.2E+02	1.4E+09	1.1E+04	1	Dichloro-2-butene, cis-1,4-	1476-11-5			7.4E-03	7.4E-03					
			4.2E-03	P		V	7.6E+02	1.4E+09	1.1E+04	1	Dichloro-2-butene, trans-1,4-	110-57-6			7.4E-03	7.4E-03					
5.0E-02	I		4.0E-03	I			1.4E+09		0.1	Dichloroacetic Acid	79-43-6	1.4E+01	4.9E+01		1.1E+01	3.1E+02	1.3E+03		2.4E+03	2.5E+02	
			9.0E-02	I	2.0E-01	H	V	3.8E+02	1.4E+09	1.2E+04	1	Dichlorobenzene, 1,2-	95-50-1				7.0E+03		2.4E+03	1.8E+03	
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V	1.4E+09	1.0E+04	1	Dichlorobenzene, 1,4-	106-46-7	1.3E+02		2.7E+00	2.6E+00	5.5E+03		8.7E+03	3.4E+03
4.5E-01	I	3.4E-04	C				1.4E+09		0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.5E+00	5.5E+00	1.1E+04	1.2E+00						
			9.0E-03	X			1.4E+09		0.1	Dichlorobenzophenone, 4,4'-	90-98-2					7.0E+02	3.0E+03		5.7E+02		
			2.0E-01	I	1.0E-01	X	V	8.5E+02	1.4E+09	8.4E+02	1	Dichlorodifluoromethane	75-71-8				1.6E+04		8.8E+01	8.7E+01	
5.7E-03																					

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)	Vo	muta-	C _{sat} (m ³ /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	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1.5E+03	1.4E+09	6.8E+03	1	0.1	Dichloropropane, 1,3- Dichloropropanol, 2,3- Dichloropropene, 1,3-	142-28-9 616-23-9 542-75-6	7.0E+00	2.5E+00	1.8E+00		1.6E+03 2.3E+02 2.3E+03	9.9E+02	7.4E+01	1.6E+03 1.9E+02 7.2E+01		
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I	V		1.4E+09	1.4E+09	1.4E+09	1	0.1	Dichlorvos Dicyclophosph Dicyclopentadiene	62-73-7 141-66-2 77-73-6	2.4E+00	8.5E+00	4.6E+04	1.9E+00	3.9E+01 7.8E+00 6.3E+03	1.6E+02 3.3E+01	7.1E+05 1.3E+00	3.2E+01 6.3E+00 1.3E+00		
1.6E+01	I	4.6E-03	I	5.0E-05	I	5.0E-03	I	V		1.4E+09	1.4E+09	1.4E+09	1	0.1	Dieltrin Diesel Engine Exhaust Diethanolamine	60-57-1 NA 111-42-2	4.3E-02	1.5E-01	8.3E+02	3.4E-02	3.9E+00 1.6E+01	1.6E+01	2.8E+05	3.2E+00 1.3E+02		
				2.0E-03	P	2.0E-04	P			1.4E+09	1.4E+09	1.4E+09	1	0.1	Diethylene Glycol Monobutyl Ether Diethylene Glycol Monoethyl Ether Diethylformamide	112-34-5 111-90-0 617-84-5				2.3E+03 4.7E+03 7.8E+01	9.9E+03 2.0E+04	1.4E+05 4.3E+05	1.9E+03 3.8E+03 7.8E+01			
3.5E+02	C	1.0E-01	C	8.0E-02	I	8.0E-02	I	V		1.4E+09	1.4E+09	1.4E+09	1	0.1	Diethylstilbestrol Difenzoquat Diflubenzuron	56-53-1 43222-48-6 35367-38-5	2.0E-03	7.1E-03	3.8E+01	1.6E-03	6.3E+03 1.6E+03	2.6E+04 6.6E+03	5.1E+03 1.3E+03	5.1E+03 1.3E+03		
4.4E-02	C	1.3E-05	C	4.0E+01	I	4.0E+01	I	V		1.4E+09	1.4E+09	1.2E+03	1		Difluoroethane, 1,1- Dihydroxatrole Diisopropyl Ether	75-37-6 94-58-6 108-20-3	1.6E+01	2.7E+01	9.9E+00			4.8E+04	4.8E+04			
				8.0E-02	I	8.0E-02	I	V		5.3E+02	1.4E+09	3.8E+04	1		Diisopropyl Methylphosphonate Dimethipin Dimethoate	1445-75-6 55290-64-7 60-51-5				6.3E+03 1.6E+03 1.6E+01	6.6E+03 6.6E+03 6.6E+01	6.3E+03 1.3E+03 1.3E+01	6.3E+03 1.3E+03 1.3E+01			
1.6E+00	P			6.0E-02	P					1.4E+09	1.4E+09	1.4E+09	1	0.1	Dimethoxybenzidine, 3,3'- Dimethyl methylphosphonate Dimethylamino azobenzene [p-]	119-90-4 756-79-6 60-11-7	4.3E-01 4.1E+02 1.5E-01	1.5E+00 1.5E+03 5.4E-01	3.4E-01 3.2E+02 2.9E+03		4.7E+03 2.0E+04		3.8E+03			
5.8E-01	H			2.0E-03	X	2.0E-03	X	V		1.4E+09	1.4E+09	1.4E+09	1	0.1	Dimethylaniline HCl, 2,4- Dimethylaniline, 2,4- Dimethylaniline, N,N'	21436-96-4 95-68-1 121-69-7	1.2E+00 3.5E+00	4.3E+00 1.2E+01	9.4E-01 2.7E+00	1.6E+02 1.6E+02	6.6E+02		1.3E+02 1.6E+02			
1.1E+01	P			1.0E-01	P	3.0E-02	I	V		1.1E+05	1.4E+09	1.3E+05	1		Dimethylbenzidine, 3,3'- Dimethylformamide Dimethylhydrazine, 1,1-	119-93-7 68-12-2 57-14-7	6.3E-02	2.2E-01	4.9E-02		7.8E+03 7.8E+00		4.0E+03 5.8E-02	2.6E+03 5.7E-02		
5.5E+02	C	1.6E-01	C	2.0E-02	I	6.0E-04	I	V		1.9E+05	1.4E+09	1.7E+05	1		Dimethylhydrazine, 1,2- Dimethylphenol, 2,4- Dimethylphenol, 2,6-	540-73-8 105-67-9 576-26-1	1.3E-03	2.9E-03	8.8E-04		1.6E+03 4.7E+01 7.8E+01	6.6E+03 2.0E+02 3.3E+02	1.3E+03 3.8E+01	1.3E+03 3.8E+01		
4.5E-02	C	1.3E-05	C	1.0E-03	I			V		4.7E+02	1.4E+09	5.5E+03	1		Dimethylphenol, 3,4- Dimethylvinylchloride Dinitro-o-cresol, 4,6-	95-85-8 513-37-1 534-52-1	1.5E+01	1.2E+00	1.1E+00		7.8E+01 6.3E+00 2.6E+01	3.3E+02	5.1E+00			
				2.0E-03	I	1.0E-04	P			1.4E+09	1.4E+09	1.4E+09	1	0.1	Dinitro-o-cyclohexyl Phenol, 4,6- Dinitrobenzene, 1,2- Dinitrobenzene, 1,3-	131-89-5 578-29-0 99-65-0				1.6E+02 7.8E+00 7.8E+00	6.6E+02 3.3E+01 3.3E+01	1.3E+02 6.3E+00 6.3E+00	1.3E+02 6.3E+00 6.3E+00			
6.8E-01	I			1.0E-04	P	2.0E-03	I			1.4E+09	1.4E+09	1.4E+09	1	0.1	Dinitrobenzene, 1,4- Dinitrophenol, 2,4- Dinitrotoluene Mixture, 2,4/2,6-	100-25-4 51-28-5 NA	1.0E+00	3.6E+00	8.0E-01		1.6E+02 1.6E+02	6.6E+02 6.6E+02	1.3E+02 1.3E+02	1.3E+02 1.3E+02		
3.1E-01	C	8.9E-05	C	2.0E-03	I	3.0E-04	X			1.4E+09	1.4E+09	1.4E+09	1	0.102	Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Dinitrotoluene, 2-Amino-4,6-	121-14-2 806-20-2 25572-78-2	2.2E+00 4.6E-01	7.8E+00 1.7E+00	4.3E+04 3.6E-01	1.7E+00 3.6E-01	1.6E+02 2.3E+01 1.6E+02	6.5E+02 1.0E+02 1.1E+04	1.3E+02 1.9E+01 1.5E+02	1.3E+02 1.9E+01 1.5E+02		
4.5E-01	X			2.0E-03	S	9.0E-04	X			1.4E+09	1.4E+09	1.4E+09	1	0.009	Dinitrotoluene, 4-Amino-2,6- Dinitrotoluene, Technical grade Dinoseb	19406-51-0 25321-14-6 88-85-7	1.5E+00	5.5E+00	1.2E+00		1.6E+02 7.0E+01 7.8E+01	7.3E+03 3.0E+02 3.3E+02	1.5E+02 5.7E+01 6.3E+01	1.5E+02 5.7E+01 6.3E+01		
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V		1.2E+05	1.4E+09	4.0E+04	1		Dioxane, 1,4- Dioxins 1-Hexachlorodibenzo-p-dioxin, Mixture	123-91-1 NA NA	7.0E+00	2.2E+01	5.3E+00		2.3E+03		1.2E+03	8.1E+02		
6.2E+03	I	1.3E+00	I	7.0E-10	I	4.0E-08	C	V		1.4E+09	2.0E+06	1.4E+09	1	0.03	-TCDD, 2,3,7,8- Diphenamid Diphenyl Sulfone	1746-01-6 957-51-7 127-63-9	5.3E-06	6.3E-05	1.4E-04	4.8E-06	5.5E-05 2.3E+03 6.3E+01	7.7E-04 9.9E+03 2.6E+02	8.2E-02	5.1E-05 1.9E+03 5.1E+01		
8.0E-01	I	2.2E-04	I	2.5E-02	I	2.2E-03	I			1.4E+09	1.4E+09	1.4E+09	1	0.1	Diphenylamine Diphenylhydrazine, 1,2- Diquat	122-39-4 122-66-7 85-00-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	2.0E+03 1.7E+02	8.2E+03 7.3E+02	1.6E+03	1.6E+03 1.4E+02		
7.1E+00	C	1.4E-01	C	4.0E-05	I	2.0E-03	I			1.4E+09	1.4E+09	1.4E+09	1	0.1	Direct Black 38 Direct Blue 6 Direct Brown 95	1937-37-7 2602-46-2 16071-86-6	9.8E-02 9.4E-02 1.0E-01	3.5E-01 3.3E-01 3.7E-01	2.7E+01 2.7E+01 2.7E+01	7.6E-02 7.3E-02 8.1E-02				3.1E+00 7.8E+02 1.6E+02	1.3E+01 7.8E+02 6.6E+02	2.5E+00 7.8E+02 1.3E+02
7.4E+00	C	1.4E-01	C	2.0E-03	I	4.0E-05	I			1.4E+09	1.4E+09	1.4E+09	1	0.1	Dodine EPTC Endosulfan	2439-10-3 759-94-4 115-29-7					3.1E+02 2.0E+03 4.7E+02	1.3E+03	2.5E+02	2.5E+02 2.0E+03 4.7E+02		
9.9E-03	I	1.2E-06	I	2.0E-02	I	1.0E-03	I	V		1.1E+04	1.4E+09	1.9E+04	1	0.1	Endothall Endrin Epichlorohydrin	145-73-3 72-20-8 106-89-8	7.0E+01	4.4E+01	2.7E+01		1.6E+03 2.3E+01 4.7E+02	6.6E+03 9.9E+01	2.0E+01	1.3E+03 1.9E+01 1.9E+01		
				4.0E-02	P	5.0E-03	I			1.4E+09	1.4E+09	1.4E+09	1	0.1	Epoxybutane, 1,2- Ethanol, 2-(2-methoxyethoxy)- Ethephon	106-88-7 111-77-3 16672-87-0					3.1E+03 3.9E+02 3.9E+01	1.3E+04 1.6E+03 1.6E+02	2.5E+03 3.2E+02	2.5E+03 3.2E+02		
				5.0E-04	I	1.0E-01	P	V		2.4E+04	1.4E+09	6.2E+04	1		Ethion Ethoxycetane Acetate, 2- Ethoxyethanol, 2-	563-12-2 111-15-9 110-80-5					7.8E+03 7.0E+03	3.8E+03 2.1E+04	2.6E+03 5.2E+03	2.6E+03 5.2E+03		

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 -d) ⁻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)
				9.0E-01		7.0E-02	P	V	1.1E+04	1.4E+09	8.6E+03	1		Ethyl Acetate	141-78-6					7.0E-04		6.3E+02	6.2E+02
				5.0E-03	P	8.0E-03	P	V	2.5E+03	1.4E+09	6.3E+03	1		Ethyl Acrylate	140-88-5					3.9E+02		5.3E+01	4.7E+01
						1.0E+01	I	V	2.1E+03	1.4E+09	1.3E+03	1		Ethyl Chloride (Chloroethane)	75-00-3							1.4E+04	1.4E+04
				2.0E-01	I				1.0E+04	1.4E+09	3.1E+03	1		Ethyl Ether	60-29-7					1.6E+04		1.8E+03	1.6E+04
				1.0E-05	I	3.0E-01	P	V	1.1E+03	1.4E+09	5.8E+03	1	0.1	Ethyl Methacrylate	97-63-2					7.8E-01	3.3E+00	1.8E+03	1.8E+03
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	4.8E+02	1.4E+09	5.7E+03	1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E+01	6.4E+00	5.8E+00		7.8E+03		5.9E+03	3.4E+03
				7.0E-02	P				1.4E+09			1	0.1	Ethylbenzene	100-41-4					5.5E+03	2.3E+04	4.4E+03	4.4E+03
				9.0E-02	P				1.9E+05	1.4E+09	1.8E+05	1		Ethylene Cyanohydrin	109-78-4					7.0E+03		7.0E+03	7.0E+03
				2.0E+00	I	4.0E-01	C		1.4E+09			1	0.1	Ethylene Diamine	107-15-3					1.6E+05	6.6E+05	5.7E+08	1.3E+05
3.1E-01	C	8.8E-05	C	1.0E-01	I	1.6E+00	I	V	1.4E+09			1	0.1	Ethylene Glycol	107-21-1	2.2E+00		1.9E-01	1.8E-01	7.8E+03	3.3E+04	2.3E+09	6.3E+03
4.5E-02	C	1.3E-05	C	8.0E-05	I				1.2E+05	1.4E+09	6.1E+03	1		Ethylene Glycol Monobutyl Ether	111-76-2					1.6E+05	6.6E+05	2.3E+09	6.3E+03
6.5E+01	C	1.9E-02	C	3.0E+00	I	3.0E-02	C	V	1.4E+09			1	0.1	Ethylene Oxide	75-21-8	1.1E-02	5.5E+01	2.9E+05	1.2E+01	7.8E+03	3.3E+04	1.9E+02	1.9E+02
									1.4E+09			1	0.1	Ethylene Thiourea	96-45-7	1.5E+01	5.5E+01	2.9E+05	1.2E+01	6.3E+00	2.6E+01		5.1E+00
									1.5E+05	1.4E+09	2.4E+04	1		Ethyleneimine	151-56-4	1.1E-02	3.5E-03	2.7E-03		2.3E+05	9.9E+05		1.9E+05
				2.5E-04	I				1.4E+09			1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0					2.0E+01	8.2E+01		1.6E+01
				2.5E-02	I				1.4E+09			1	0.1	Fenampoph	22224-92-6					2.0E+03	8.2E+03		1.6E+03
				2.5E-02	I				1.4E+09			1	0.1	Fenpropathrin	39515-41-8					2.0E+03	8.2E+03		1.6E+03
				1.3E-02	I				1.4E+09			1	0.1	Fenvalerate	51630-58-1					2.0E+03	8.2E+03		1.6E+03
				4.0E-02	C	1.3E-02	C		1.4E+09			1		Fluometuron	2164-17-2					1.0E+03	4.3E+03		8.2E+02
				6.0E-02	C	1.3E-02	C		1.4E+09			1		Fluoride	16984-48-8					3.1E+03		1.8E+07	3.1E+03
									1.4E+09			1		Fluorine (Soluble Fluoride)	7782-41-4					4.7E+03		1.8E+07	4.7E+03
				8.0E-02	I				1.4E+09			1	0.1	Fluridone	59756-60-4					6.3E+03	2.6E+04		5.1E+03
				2.0E-02	I				1.4E+09			1	0.1	Flurprimidol	56425-91-3					1.6E+03	6.6E+03		1.3E+03
				7.0E-04	I				1.4E+09			1	0.1	Flusilazole	85509-19-9					5.5E+01	2.3E+02		4.4E+01
				6.0E-02	I				1.4E+09			1	0.1	Flutolanil	66332-96-5					4.7E+03	2.0E+04		3.8E+03
				1.0E-02	I				1.4E+09			1	0.1	Fluxinalate	69409-94-5					7.8E+02	3.3E+03		6.3E+02
3.5E-03	I			1.0E-01	I				1.4E+09			1	0.1	Folpet	133-07-3	2.0E+02	7.1E+02		1.6E+02	7.8E+03	3.3E+04		6.3E+03
1.9E-01	I			2.0E-03	I				1.4E+09			1	0.1	Fomesafen	72178-02-0	3.7E+00	1.3E+01		2.9E+00	1.6E+02	6.6E+02		1.3E+02
				1.3E-05	I	9.8E-03	A	V	4.2E+04	1.4E+09	7.8E+04	1		Fenfos	944-22-9					1.6E+04		8.0E+02	7.6E+02
				9.0E-01	P	3.0E-04	X	V	1.1E+05	1.4E+09	9.3E+04	1		Formic Acid	64-18-6					7.0E+04		2.9E+01	2.9E+01
				3.0E+00	I				1.4E+09			1	0.1	Fosetyl-AL	39148-24-8					2.3E+05	9.9E+05		1.9E+05
				1.0E-03	X				1.4E+09		1.6E+05	1	0.03	Furans						7.8E+01	1.1E+03		7.3E+01
				1.0E-03	I				6.2E+03	1.4E+09	2.6E+03	1	0.03	-Dibenzofuran	182-64-9					7.8E+01	1.1E+03		7.3E+01
				9.0E-01	I	2.0E+00	I	V	1.7E+05	1.4E+09	1.2E+04	1	0.03	-Furan	110-00-9					7.0E+04	9.9E+05	2.5E+04	1.8E+04
									1.4E+09			1	0.1	-Tetrahydrofuran	109-99-9					7.0E+04	9.9E+05	2.5E+04	1.8E+04
3.8E+00	H			3.0E-03	I	5.0E-02	H	V	1.0E+04	1.4E+09	4.9E+04	1		Furazolidone	67-45-8	1.8E-01	6.5E-01		1.4E-01	2.3E+02		2.5E+03	2.1E+02
1.5E+00	C	4.3E-04	C						1.4E+09			1	0.1	Furfural	98-01-1								
3.0E-02	I	8.6E-06	C	4.0E-04	I				1.4E+09			1	0.1	Furium	531-82-8	4.6E-01	1.6E+00	8.9E+03	3.6E-01				
						8.0E-05	C		1.4E+09			1	0.1	Furmecycloz	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01				
									1.4E+09			1	0.1	Glufosinate, Ammonium	77-82-2					3.1E+01	1.3E+02		2.5E+01
									1.4E+09			1	0.1	Glutaraldehyde	111-30-8							1.1E+05	1.1E+05
				4.0E-04	I	1.0E-03	H	V	1.1E+05	1.4E+09	8.4E+04	1		Glycidyl	765-34-4					3.1E+01		8.8E+01	2.3E+01
				1.0E-01	I				1.4E+09			1	0.1	Glyphosate	1071-83-6					7.8E+03	3.3E+04		6.3E+03
				1.0E-02	X				1.4E+09		1.5E+05	1		Guanidine	113-00-8					7.8E+02			7.8E+02
				2.0E-02	P				1.4E+09			1	0.1	Guanidine Chloride	50-01-1					1.6E+03	6.6E+03		1.3E+03
				5.0E-05	I				1.4E+09			1	0.1	Haloxyfop, Methyl	69806-40-2					3.9E+00	1.6E+01		3.2E+00
4.5E+00	I	1.3E-03	I	5.0E-04	I				1.4E+09		4.8E+05	1		Heptachlor	76-44-8	1.5E-01		1.0E+00	1.3E-01	3.9E+01			3.9E+01
9.1E+00	I	2.6E-03	I	1.3E-05	I				1.4E+09		8.4E+05	1		Heptachlor Epoxide	1024-57-3	7.6E-02		9.1E+00	7.0E-02	1.0E+00			1.0E+00
				2.0E-03	I				1.4E+09		3.8E+05	1		Hexabromobenzene	87-82-1					1.6E+02			1.6E+02
				2.0E-04	I				1.4E+09			1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					1.6E+01	6.6E+01		1.3E+01
1.6E+00	I	4.6E-04	I	8.0E-04	I				1.4E+09		6.8E+04	1		Hexachlorobenzene	118-74-1	4.3E-01		4.1E-01	2.1E-01	6.3E+01			6.3E+01
7.8E-02	I	2.2E-05	I	1.0E-03	P				1.7E+01	1.4E+09	1.1E+04	1		Hexachlorobutadiene	87-68-3	8.9E+00		1.4E+00	1.2E+00	7.8E+01			7.8E+01
6.3E+00	I	1.8E-03	I	8.0E-03	A				1.4E+09			1	0.1	Hexachlorocyclohexane, Alpha-	319-84-6	1.1E-01	3.9E-01	2.1E+03	8.6E-02	6.3E+02	2.6E+03		5.1E+02
1.8E+00	I	5.3E-04	I						1.4E+09			1	0.1	Hexachlorocyclohexane, Beta-	319-85-7	3.9E-01	1.4E+00	7.2E+03	3.0E-01				
1.1E+00	C	3.1E-04	C	3.0E-04	I				1.4E+09			1	0.04	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.3E-01	5.6E+00	1.2E+04	5.7E-01	2.3E+01	2.5E+02		2.1E+01
1.8E+00	I	5.1E-04	I						1.4E+09			1	0.1	Hexachlorocyclohexane, Technical	608-73-1	3.9E-01	1.4E+00	7.5E+03	3.0E-01				

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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						1.4E+09			1	0.1	Imazalil	35554-44-0					1.0E+03	4.3E+03		8.2E+02
				2.5E-01						1.4E+09			1	0.1	Imazaquin	81335-37-7					2.0E+04	8.2E+04		1.6E+04
				2.5E-01						1.4E+09			1	0.1	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	1.3E+04		2.5E+03
				7.0E-01	P					1.4E+09					Iron	7439-99-6					5.5E+04			5.5E+04
9.5E-04	I			3.0E-01				V	1.0E+04	1.4E+09	2.8E+04		1		Isobutyl Alcohol	78-83-1					2.3E+04			2.3E+04
				2.0E-01	I	2.0E+00	C			1.4E+09			1	0.1	Isophorone	78-59-1	7.3E+02	2.6E+03		5.7E+02	1.6E+04	6.6E+04	2.8E+09	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			1	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			1	0.1	Isoxaben	82558-50-7					3.9E+03	1.6E+04		3.2E+03
						3.0E-01	A	V		1.4E+09			1		JP-7	NA							4.3E+08	4.3E+08
				2.0E-03	I					1.4E+09			1	0.1	Lactofen	77501-63-4					1.6E+02	6.6E+02		1.3E+02
										1.4E+09			0.025		Lead Compounds									
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	1.4E+09					-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			1	0.1	-Lead acetate	301-04-2	8.2E+01	2.9E+02	3.2E+05	6.4E+01				
										1.4E+09			1	0.1	-Lead and Compounds	7439-92-1								4.0E+02
8.5E-03	C	1.2E-05	C							1.4E+09			1	0.1	-Lead subacetate	1335-32-6	8.2E+01	2.9E+02	3.2E+05	6.4E+01				
				1.0E-07	I			V	2.4E+00	1.4E+09	1.9E+03		1		-Tetraethyl Lead	78-00-2					7.8E-03			7.8E-03
				5.0E-06	P				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			1	0.1	Linuron	330-55-2					1.6E+02	6.6E+02		1.3E+02
				2.0E-03	P					1.4E+09			1		Lithium	7439-93-2					1.6E+02			1.6E+02
				5.0E-04	I					1.4E+09			1	0.1	MCPA	94-74-6					3.9E+01	1.6E+02		3.2E+01
				1.0E-02	I					1.4E+09			1	0.1	MCPB	94-81-5					7.8E+02	3.3E+03		6.3E+02
				1.0E-03	I					1.4E+09			1	0.1	MCPP	93-65-2					7.8E+01	3.3E+02		6.3E+01
				2.0E-02	I					1.4E+09			1	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			1	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			1	0.1	Maleic Hydrazide	123-33-1					3.9E+04	1.6E+05		3.2E+04
				1.0E-04	P					1.4E+09			1	0.1	Malononitrile	109-77-3					7.8E+00	3.3E+01		6.3E+00
				3.0E-02	H					1.4E+09			1	0.1	Mancozeb	8018-01-7					2.3E+03	9.9E+03		1.9E+03
				5.0E-03	I					1.4E+09			1	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			1		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		0.04		Manganese (Non-diet)	7439-96-5					7.0E+00	3.0E+01		5.7E+00
				9.0E-05	H					1.4E+09			1	0.1	Mephosfolan	950-10-7					2.3E+03	9.9E+03		1.9E+03
				3.0E-02	I					1.4E+09			1	0.1	Mepiquat Chloride	24307-26-4					2.3E+03			1.9E+03
				3.0E-04	I	3.0E-04	S			1.4E+09			0.07		Mercury Compounds	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		-Mercuric Chloride (and other Mercury salts)	7439-97-6							1.1E+01	1.1E+01
				1.0E-04	I					1.4E+09			1		-Mercury (elemental)	7439-97-6					7.8E+00			7.8E+00
				8.0E-05	I					1.4E+09			1	0.1	-Methyl Mercury	22967-92-6					6.3E+00	2.6E+01		5.1E+00
				3.0E-05	I			V		1.4E+09	1.9E+06		1		-Phenylmercuric Acetate	62-36-4					2.3E+00			2.3E+00
				3.0E-05	I					1.4E+09			1	0.1	Merphos	150-50-5					2.3E+00	9.9E+00		1.9E+00
				6.0E-02	I					1.4E+09			1	0.1	Merphos Oxide	78-46-8					4.7E+03	2.0E+04		3.8E+03
										1.4E+09			1	0.1	Metalaxyl	57837-19-1					7.8E+00		2.1E+02	7.5E+00
				1.0E-04	I	3.0E-02	P	V	4.6E+03	1.4E+09	6.8E+03		1		Methacrylonitrile	126-98-7					3.9E+00	1.6E+01		3.2E+00
				5.0E-05	I					1.4E+09			1	0.1	Methamidophos	10265-92-6					1.6E+05		6.1E+05	1.2E+05
				2.0E+00	I	2.0E+01	I	V	1.1E+05	1.4E+09	2.9E+04		1		Methanol	67-56-1					7.8E+01	3.3E+02		6.3E+01
				1.0E-03	I					1.4E+09			1	0.1	Methidathion	950-37-8					2.0E+03	8.2E+03		1.6E+03
4.9E-02	C	1.4E-05	C							1.4E+09			1	0.1	Methomyl	16752-77-5	1.4E+01	5.0E+01	2.7E+05	1.1E+01				
				2.5E-02	I					1.4E+09			1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2					2.0E+03			1.6E+03
				5.0E-03	I					1.4E+09			1	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					4.7E+04		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		1		Methyl Hydrazine	60-34-4		1.4E-01	1.4E-01		7.8E+01		1.1E+00	1.0E+00
						3.0E+00	I	V	3.4E+03	1.4E+09</														

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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 -day) ⁻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)
1.0E-01	P	4.3E-04	C	2.0E-03	P			M		1.4E+09			0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.6E+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			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			0.1	Methylenbisbenzaminine, 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			0.1	Methylenediphenyl Diisocyanate	101-68-8							8.5E+05	8.5E+05
		7.0E-02	H						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			0.1	Metolachlor	51218-45-2					1.2E+04	4.9E+04		9.5E+03
		2.5E-02	I							1.4E+09			0.1	Metribuzin	21087-64-9					2.0E+03	8.2E+03		1.6E+03
		2.5E-01	I							1.4E+09			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					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			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			0.1	Monomethylaniline	100-61-8					1.6E+02	6.6E+02		1.3E+02
		2.5E-02	I							1.4E+09			0.1	Myclobutanil	88671-89-0					2.0E+03	8.2E+03		1.6E+03
		3.0E-04	X							1.4E+09			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			0.1	Naphthylamine, 2-	91-59-8	3.9E-01	1.4E+00		3.0E-01				
		1.0E-01	I							1.4E+09			0.1	Napropamide	15299-99-7					7.8E+03	3.3E+04		6.3E+03
		2.6E-04	C	1.1E-02	C	1.4E-05	C			1.4E+09			0.1	Nicel 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			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	3.6E+03	2.0E+04	6.7E+02
		2.6E-04	C	1.1E-02	C	1.4E-05	C			1.4E+09	0.04		0.04	Nickel Hydroxide	12054-48-7			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	2.0E-05	C			1.4E+09	0.04		0.04	Nickel Oxide	1313-99-1			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02
		2.4E-04	I	1.1E-02	C	1.4E-05	C			1.4E+09	0.04		0.04	Nickel Refinery Dust	NA			1.6E+04	1.6E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02
		2.6E-04	C	2.0E-02	I	9.0E-05	A			1.4E+09	0.04		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		0.04	Nickel Subulfide	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			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					7.8E+03			7.8E+03
		1.0E-02	X	5.0E-05	X					1.4E+09			0.1	Nitrite	14797-65-0					7.8E+02	3.3E+03	7.1E+04	6.3E+02
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.4E+09			0.1	Nitroaniline, 2-	88-74-4	3.5E+01	1.2E+02		2.7E+01	3.1E+02	1.3E+03	8.5E+06	2.5E+02
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V	3.1E+03	1.4E+09	7.3E+04		1	Nitroaniline, 4-	100-101-6			5.1E+00	5.1E+00	1.6E+02	6.9E+02		1.3E+02
		3.0E+03	P							1.4E+09			0.1	Nitrobenzene	98-95-3					2.3E+08	9.9E+08		1.9E+08
		7.0E-02	H							1.4E+09			0.1	Nitrocellulose	9004-70-0					5.5E+03	2.3E+04		4.4E+03
1.3E+00	C	3.7E-04	C							1.4E+09			0.1	Nitrofurantoin	67-20-9					7.8E+00	3.3E+01		6.3E+00
1.7E-02	P			1.0E-04	P					1.4E+09			0.1	Nitrofurazone	59-87-0	5.3E-01	1.9E+00	1.0E+04	4.2E-01	4.1E+01	1.5E+02		
		1.0E-01	I							1.4E+09			0.1	Nitroglycerin	55-63-0				3.2E+01	7.8E+00	3.3E+01		
		8.8E-06	P			5.0E-03	P	V	1.8E+04	1.4E+09	1.7E+04		1	Nitroguanidine	556-88-7					7.8E+03	3.3E+04		6.3E+03
		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	8.8E+01
2.7E+01	C	7.7E-03	C							1.4E+09			0.1	Nitropropane, 2-	79-46-9			1.4E-02	1.4E-02	7.8E+03	3.3E+04		6.3E+03
1.2E+02	C	3.4E-02	C							1.4E+09			0.1	Nitroso-N-ethylurea, N-	759-73-9	5.7E-03	2.2E-02	1.8E-02	4.5E-03				
5.4E+00	I	1.6E-03	I							1.4E+09			0.1	Nitroso-N-methylurea, N-	684-93-5	1.3E-03	5.0E-03	4.1E+01	1.0E-03				
		7.0E+00	I	2.0E-03	C					1.4E+09			0.1	Nitroso-di-N-butylamine, N-	924-16-3	1.3E-01		4.3E-01	9.9E-02				
2.8E+00	I	8.0E-04	C							1.4E+09			0.1	Nitroso-di-N-propylamine, N-	621-64-7	9.9E-02	3.5E-01	1.9E+03	7.8E-02				
1.5E+02	I	4.3E-02	I							1.4E+09			0.1	Nitrosodiethanolamine, N-	1116-54-7	2.6E-01	8.8E-01	4.8E+03	1.9E-01				
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	Nitrosodithylamine, N-	55-18-5	1.0E-03	4.0E-03	3.2E+01	8.1E-04				
4.9E-03	I	2.6E-06	C							1.4E+09			0.1	Nitrosodimethylamine, N-	62-75-9	3.0E-03		6.0E-03	2.0E-03	6.3E-01		3.4E+00	5.3E-01
2.2E+01	I	6.3E-03	C							1.4E+09			0.1	Nitrosodiphenylamine, N-	86-30-6	1.4E+02	5.0E+02	1.5E+06	1.1E+02				
		6.7E+00	C	1.9E-03	C					1.4E+09			0.1	Nitrosomethylethylamine, N-	10595-95-6	3.2E-02		5.4E-02	2.0E-02				
9.4E+00	C	2.7E-03	C							1.4E+09			0.1	Nitrosomorpholine [N-]	59-89-2	1.0E-01	3.7E-01	2.0E+03	8.1E-02				
2.1E+00	I	6.1E-04	I							1.4E+09			0.1	Nitrosopiperidine [N-]	100-75-4	7.4E-02	2.6E-01	1.4E+03	5.8E-02				
		1.0E-04	X							1.4E+09			0.1	Nitrosopyrrolidine, N-	930-55-2	3.3E-01	1.2E+00	6.3E+03	2.6E-01				
2.2E-01	P			9.0E-04	P				1.5E+03	1.4E+09	1.4E+05		1	Nitrotoluene, m-	99-08-1	3.2E+00			3.2E+00	7.0E+01			7.0E+01
1.6E-02	P			4.0E-03	P					1.4E+09			0.1	Nitrotoluene, o-	88-72-2	4.3E+01							

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	k _e	IUR	k _e	RfD _c	k _e	RfC _c	k _e	muta-	C _{sat}	PEF	VF	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
2.6E-01	H		3.0E-03				V			1.4E+09	4.3E+05	1	0.25	Pentachloronitrobenzene	82-68-8	2.7E+00			2.7E+00	2.3E+02			2.3E+02	
4.0E-01	I	5.1E-06	5.0E-03							1.4E+09				Pentachlorophenol	187-86-5	1.7E+00	2.5E+00	1.0E+05	1.0E+00	3.9E+02	6.6E+02		2.5E+02	
4.0E-03	X		2.0E-03							1.4E+09			0.1	Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02	7.5E+05	1.4E+02	1.6E+02	6.6E+02		1.3E+02	
										1.0E+00	3.9E+02	1.4E+09	7.8E+02	Pentane, n-	109-66-0							8.1E+02	8.1E+02	
			7.0E-04							1.4E+09			1	Perchlorates	7790-98-9					5.5E+01			5.5E+01	
			7.0E-04							1.4E+09			1	-Ammonium Perchlorate	7791-03-9					5.5E+01			5.5E+01	
			7.0E-04							1.4E+09			1	-Lithium Perchlorate	14797-73-0					5.5E+01			5.5E+01	
			7.0E-04							1.4E+09			1	-Potassium Perchlorate	7778-74-7					5.5E+01			5.5E+01	
			7.0E-04							1.4E+09			1	-Sodium Perchlorate	7601-89-0					5.5E+01			5.5E+01	
			2.0E-02				V			1.4E+09	1.3E+05		1	Perfluorobutane Sulfonate	375-73-5					1.6E+03			1.6E+03	
			5.0E-02							1.4E+09			0.1	Permethrin	52645-53-1					3.9E+03	1.6E+04		3.2E+03	
2.2E-03	C	6.3E-07								1.4E+09			1	Phenacetin	62-44-2	3.2E+02	1.1E+03	6.1E+06	2.5E+02					
			2.5E-01							1.4E+09			1	Phenmedipham	13684-63-4					2.0E+04	8.2E+04		1.6E+04	
			3.0E-01				2.0E-01	C		1.4E+09			1	Phenol	108-95-2					2.3E+04	9.9E+04	2.8E+08	1.9E+04	
			4.0E-03							1.4E+09			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	Phenothiazine	92-84-2					3.9E+01	1.6E+02		3.2E+01	
			6.0E-03							1.4E+09			1	Phenylenediamine, m-	108-45-2					4.7E+02	2.0E+03		3.8E+02	
4.7E-02	H									1.4E+09			1	Phenylenediamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01					
			1.9E-01	H						1.4E+09			1	Phenylenediamine, p-	106-50-3					1.5E+04	6.3E+04		1.2E+04	
1.9E-03	H									1.4E+09			1	Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03		2.8E+02					
			2.0E-04	H						1.4E+09			1	Phorate	298-02-2					1.6E+01	6.6E+01		1.3E+01	
							3.0E-04	I	V	1.4E+09	9.8E+02		1	Phosgene	75-44-5							3.1E-01	3.1E-01	
			2.0E-02							1.4E+09			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						3.8E+06			3.8E+06	
			4.9E+01	P						1.4E+09			1	-Aluminum metaphosphate	13776-88-0					3.8E+06			3.8E+06	
			4.9E+01	P						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 tripolyphosphate	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	2.0E-02							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							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							1.4E+09			1	0.1	-Butylphthalyl Butylglycolate	85-70-1				7.8E+04	3.3E+05		6.3E+04	
			1.0E-01							1.4E+09			1	0.1	-Dibutyl Phthalate	84-74-2				7.8E+03	3.3E+04			

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 -d) ⁻¹	k _e y	RfD _c (mg/kg-day)	k _e y	RfC _c (ug/m ³)	k _e y	muta- gen	C _{soil} (mg/kg)	PEF	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					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	8.3E+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					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	2.3E-05	E	1.3E-03	E	V		1.4E+09	9.6E+05	1	0.14	-Aroclor 5480	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, 2,3,4,4',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)	38390-08-4	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',4,4',5'-(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					1.4E+09		1	0.14	-Polychlorinated Biphenyls (low risk)	1336-36-3									
7.0E-02	I	2.0E-05	I		V					1.4E+09		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	V		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					5.5E-04	1.6E-03	3.0E-01	8.5E+05	
														Poly-nuclear Aromatic Hydrocarbons (PAHs)										
				6.0E-02	I					1.4E+09	1.4E+05	1	0.13	-Acenaphthene	83-32-9					4.7E+03	1.5E+04		3.6E+03	
				3.0E-01	I					1.4E+09	5.2E+05	1	0.13	-Anthracene	120-12-7					2.3E+04	7.6E+04		1.8E+04	
7.3E-01	E	1.1E-04	C		V					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		M					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					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					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					3.9E+02	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					1.4E+09	5.8E+04	1	0.13	-Methylnaphthalene, 2-	91-57-6					3.1E+02	1.0E+03		2.4E+02	
				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
1.2E+00	C	1.1E-04	C		V					1.4E+09		1	0.13	-Nitrofluorene, 4-	57835-92-4	5.8E-01	1.6E+00	3.5E+04	4.2E-01					
				3.0E-02	I					1.4E+09	2.4E+06	1	0.13	-Pyrene	129-00-0					2.3E+03	7.6E+03		1.8E+03	
1.5E-01	I			2.0E-02	P					1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	4.6E+00	1.6E+01		3.6E+00	1.6E+03	6.6E+03		1.3E+03	
				9.0E-03	I					1.4E+09		1	0.1	Prochloraz	67747-09-5					7.0E+02	3.0E+03		5.7E+02	
				6.0E-03	H					1.4E+09	4.2E+05	1	0.1	Profluralin	26399-36-0					4.7E+02			4.7E+02	
				1.5E-02	I					1.4E+09		1	0.1	Prometon	1610-18-0					1.2E+03	4.9E+03		9.5E+02	
				4.0E-03	I					1.4E+09		1	0.1	Prometryn	7287-19-6					3.1E+02	1.3E+03		2.5E+02	
				1.3E-02	I					1.4E+09		1	0.1	Propachlor	1918-16-7					1.0E+03	4.3E+03		8.2E+02	
				5.0E-03	I					1.4E+09		1	0.1	Propamil	709-98-8									

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 _v (y)	muta- gen	C _{sat} (mg/kg)	PEF	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)
				5.0E-03		2.0E-02				1.4E+09				Selenium	7782-49-2					3.9E+02			3.9E+02
				5.0E-03		2.0E-02				1.4E+09				Selenium Sulfide	7446-34-6					3.9E+02			3.9E+02
				9.0E-02		2.0E-02				1.4E+09		0.1		Sethoxydim	74051-80-2					7.0E+03	3.0E+04		5.7E+03
1.2E-01	H			5.0E-03		3.0E-03				1.4E+09				Silica (crystalline, respirable)	7631-86-9					3.9E+02			4.3E+06
				5.0E-03						1.4E+09	0.04			Silver	7440-22-4					3.9E+02	1.6E+03		3.9E+02
				5.0E-03						1.4E+09				Simazine	122-34-9	5.8E+00	2.1E+01		4.5E+00	3.9E+02			3.2E+02
5.0E-01	C	1.5E-01	C	1.3E-02						1.4E+09		0.1		Sodium Acifluorfen	62476-59-9					1.0E+03	4.3E+03		8.2E+02
				4.0E-03						1.4E+09				Sodium Azide	26628-22-8					3.1E+02			3.1E+02
2.7E-01	H			2.0E-02		2.0E-04		M		1.4E+09		0.025		Sodium Dichromate	10588-01-9	3.1E-01		9.2E+00	3.0E-01	1.6E+03			2.8E+05
				3.0E-02						1.4E+09				Sodium Diethyldithiocarbamate	148-18-5	2.6E+00	9.2E+00		2.0E+00	2.3E+03	9.9E+03		1.9E+03
				5.0E-02		1.3E-02				1.4E+09				Sodium Fluoride	7681-49-4					3.9E+03		1.8E+07	3.9E+03
				2.0E-05						1.4E+09		0.1		Sodium Fluoroacetate	62-74-8					1.6E+00	6.6E+00		1.3E+00
				1.0E-03						1.4E+09				Sodium Metavanadate	13718-26-8					7.8E+01			7.8E+01
				8.0E-04						1.4E+09				Sodium Tungstate	13472-45-2					6.3E+01			6.3E+01
				8.0E-04						1.4E+09				Sodium Tungstate Dihydrate	10213-10-2					6.3E+01			6.3E+01
2.4E-02	H			3.0E-02						1.4E+09		0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.9E+01	1.0E+02		2.3E+01	2.3E+03	9.9E+03		1.9E+03
5.0E-01	C	1.5E-01	C	2.0E-02		2.0E-04		M		1.4E+09		0.025		Strontium Chromate	7789-06-2	3.1E-01		9.2E+00	3.0E-01	1.6E+03			1.6E+03
				6.0E-01						1.4E+09				Strontium, Stable	7440-24-6					4.7E+04			4.7E+04
				3.0E-04						1.4E+09				Strychnine	57-24-9					2.3E+01	9.9E+01		1.9E+01
				2.0E-01		1.0E+00		V	8.7E+02	1.4E+09	9.4E+03			Styrene	100-42-5					1.6E+04		9.7E+03	6.0E+03
				3.0E-03						1.4E+09		0.1		Styrene-Acrylonitrile (SAN) Trimer	NA					2.3E+02	9.9E+02		1.9E+02
				1.0E-03		2.0E-03		X		1.4E+09		0.1		Sulfolane	126-33-0					7.8E+01	3.3E+02	2.8E+06	6.3E+01
				8.0E-04						1.4E+09				Sulfonylbis(4-chlorobenzene), 1,1'-Sulfur Trioxide	80-07-9					6.3E+01	2.6E+02		5.1E+01
						1.0E-03		C		1.4E+09					7446-11-9							1.4E+06	1.4E+06
2.5E-02	I	7.1E-06	I	5.0E-02		H				1.4E+09		0.1		Sulfuric Acid	7664-93-9	2.8E+01	9.9E+01	5.4E+05	2.2E+01	3.9E+03	1.6E+04		3.2E+03
				3.0E-02		H				1.4E+09		0.1		Sulfurous acid, 2-chloroethyl 2-[(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8					2.3E+03	9.9E+03		1.9E+03
				7.0E-02						1.4E+09		0.1		TCMTB	21564-17-0					5.5E+03	2.3E+04		4.4E+03
				2.0E-02		H				1.4E+09		0.1		Tebuthiuron	34014-18-1					1.6E+03	6.6E+03		1.3E+03
				1.3E-02						1.4E+09		0.1		Temephos	3383-96-8					1.0E+03	4.3E+03		8.2E+02
				2.5E-05		H		V	3.1E+01	1.4E+09	2.6E+05			Terbacol	5902-51-2					2.0E+00			2.0E+00
				1.0E-03						1.4E+09		0.1		Terbutyn	886-50-0					7.8E+01	3.3E+02		6.3E+01
				1.0E-04						1.4E+09				Tetrabromodiphenyl ether, 2,2',4,4'-(BDF-47)	5436-43-1					7.8E+00	3.3E+01		6.3E+00
2.6E-02	I	7.4E-06	I	3.0E-02				V	6.8E+02	1.4E+09	5.7E+03			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.7E+01		2.2E+00	2.0E+00	2.3E+01			2.3E+01
2.0E-01	P	5.8E-05	C	2.0E-02				V	1.9E+03	1.4E+09	1.5E+04			Tetrachloroethane, 1,1,1,2-	630-20-6	3.5E+00		7.3E-01	6.0E-01	2.3E+03			2.3E+03
				6.0E-03		4.0E-02		I	1.7E+02	1.4E+09	2.4E+03			Tetrachloroethane, 1,1,2,2-	79-34-5					1.6E+03			1.6E+03
2.1E-03	I	2.6E-07	I	6.0E-03				V	1.7E+02	1.4E+09	2.4E+03			Tetrachloroethylene	127-18-4	3.3E-02		2.5E+01	2.4E+01	4.7E+02			9.8E+01
2.0E+01	H			3.0E-02				V	1.4E+09	1.1E+05		0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2					2.3E+03	9.9E+03		1.9E+03
				5.0E-04				I	2.1E+03	1.4E+09	1.2E+03		0.1	Tetrachlorotoluene, p- alpha, alpha-	5216-25-1				3.5E-02				
				8.0E+01		I		V	2.1E+03	1.4E+09	1.2E+03		0.0007	Tetraethyl Dithiopyrophosphate	3689-24-5					3.9E+01	1.6E+02		3.2E+01
				2.0E-03		P				1.4E+09				Tetrafluoroethane, 1,1,1,2-	911-97-2					1.6E+02	1.0E+05		1.0E+05
				2.0E-05		S				1.4E+09				Tetryl (Trinitrophenylmethyl nitramine)	479-45-8					1.6E+02	1.0E+05		1.6E+02
				1.0E-05		X				1.4E+09				Thallic Oxide	1214-32-5					1.6E+00			1.6E+00
				1.0E-05		X				1.4E+09				Thallium (I) Nitrate	10102-45-1					7.8E-01			7.8E-01
				1.0E-05		X				1.4E+09				Thallium (Soluble Salts)	7440-28-0					7.8E-01			7.8E-01
				1.0E-05		X		V		1.4E+09				Thallium Acetate	563-68-8					7.8E-01			7.8E-01
				2.0E-05		X		V		1.4E+09				Thallium Carbonate	6533-73-9					1.6E+00			1.6E+00
				1.0E-05		X				1.4E+09				Thallium Chloride	7791-12-0					7.8E-01			7.8E-01
				1.0E-05		S				1.4E+09				Thallium Selenite	12039-52-0					7.8E-01			7.8E-01
				2.0E-05		X				1.4E+09				Thallium Sulfate	7446-18-6					1.6E+00			1.6E+00
				1.3E-02		I				1.4E+09		0.1		Thiensiulfuron-methyl	79277-27-3					1.0E+03	4.3E+03		8.2E+02
				1.0E-02		I				1.4E+09				Thiobencarb	28249-77-6					7.8E+02	3.3E+03		6.3E+02
				7.0E-02		X				1.4E+09		0.0075		Thiodiglycol	111-48-8					5.5E+03	3.1E+05		5.4E+03
				3.0E-04		H				1.4E+09		0.1		Thiofanox	39196-18-4					2.3E+01	9.9E+01		1.9E+01
				8.0E-02		I				1.4E+09		0.1		Thiophanate, Methyl	23564-05-8					6.3E+03	2.6E+04		5.1E+03
				5.0E-03		I				1.4E+09		0.1		Thiram	137-26-8					3.9E+02	1.6E+03		3.2E+02
				6.0E-01		H				1.4E+09				Tin	7440-31-5					4.7E+04			4.7E+04
				1.0E-04		A		V		1.4E+09				Titanium Tetrachloride	7550-45-0								1.4E+05
1.8E-01	X			8.0E-02		I		V	8.2E+02	1.4E+09	4.3E+03		0.1	Toluene	108-88-3					6.3E+03			2.2E+04
1.6E-02	P	5.1E-05	C	8.0E-06		C		V	1.4E+09	7.6E+05			0.1	Toluene-2,4-diisocyanate	584-84-9			1.9E+02	1.9E+02				6.4E+00
3.0E-02	P			4.0E-03		X				1.4E+09		0.1		Tolu									

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 (mg/kg-day)	RfD _c (mg/m ³) ⁻¹	k _e (y)	RfC _c (mg/m ³) ⁻¹	k _e (y)	Vo	muta- gen	C _{soil} (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								1.4E+09		1	0.1	Triasulfuron	82097-50-5					7.8E+02	3.3E+03		6.3E+02	
			8.0E-03								1.4E+09		1	0.1	Tribenuron-methyl	101200-48-0					6.3E+02	2.6E+03		5.1E+02	
9.0E-03	P		5.0E-03						V		1.4E+09	4.8E+04	1		Tribromobenzene, 1,2,4-	615-54-3					3.9E+02			3.9E+02	
			1.0E-02								1.4E+09		1	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								1.4E+09		1	0.1	Tributyltin Compounds	NA					2.3E+01	9.9E+01		1.9E+01	
7.0E-02	I		3.0E-04								1.4E+09		1	0.1	Tributyltin Oxide	58-35-9					2.3E+01	9.9E+01		1.9E+01	
			3.0E+01						H V		9.1E+02	1.3E+03	1		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.3E+06			4.0E+04	
			2.0E-02								1.4E+09		1	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										1.4E+09		1	0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.4E+01	8.5E+01		1.9E+01	2.3E+00	9.9E+00		1.9E+00	
7.0E-03	X		3.0E-05								1.4E+09		1	0.1	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	6.3E+01	9.9E+00		1.9E+00	
			8.0E-04								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								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 V		6.4E+02	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	4.0E-03						X V		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	
4.6E-02	I	4.1E-06	5.0E-04						I V M		6.9E+02	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	4.1E+00
			3.0E-01						V		1.2E+03	1.4E+09	1.0E+03	1	Trichlorofluoromethane	75-69-4				2.3E+04			2.3E+04		
			1.0E-01								1.4E+09		1	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	1.0E-03						P		1.4E+09		1	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								1.4E+09		1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5				7.8E+02	3.3E+03		6.3E+02		
			8.0E-03								1.4E+09		1	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						V		1.3E+03	1.4E+09	1.5E+04	1	Trichloropropane, 1,1,2-	598-77-6	5.1E-03			5.1E-03	3.9E+02			3.9E+02	
			4.0E-03						I V M		1.4E+03	1.4E+09	1.6E+04	1	Trichloropropane, 1,2,3-	96-18-4					3.1E+02			4.9E+00	4.8E+00
			3.0E-03						P V		3.1E+02	1.4E+09	2.3E+03	1	Trichloropropene, 1,2,3-	96-19-5				2.3E+02			7.3E-01	7.3E-01	
			2.0E-02						A		1.4E+09		1	0.1	Tricresyl Phosphate (TCP)	1330-78-5					1.6E+03	6.6E+03		1.3E+03	
			3.0E-03						I		1.4E+09		1	0.1	Tridiphenylamine	58138-08-2					2.3E+02	9.9E+02		1.9E+02	
			7.0E-03						I V		2.8E+04	1.4E+09	1.6E+04	1	Triethylene Glycol	121-44-8					1.6E+03	6.6E+03		1.2E+02	
			2.0E+00						P		1.4E+09		1	0.1	Triethylamine	112-27-6					1.6E+05	6.6E+05		1.3E+05	
			2.0E+01						P V		4.8E+03	1.4E+09	7.1E+02	1	Trifluoroethane, 1,1,1-	420-46-2					2.3E+02			1.5E+04	
7.7E-03	I		7.5E-03						V		1.4E+09	5.1E+05	1	0.1	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		1	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 V		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 V		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						V		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		1	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		1	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		1	0.1	Triphenylphosphine Oxide	791-28-6					1.6E+03	6.6E+03		1.3E+03	
			2.0E-02						A		1.4E+09		1	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	1.0E-02						X		1.4E+09		1	0.1	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		1	0.1	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.0E-01		3.8E+00	2.8E-01					
			1.0E-01						P		1.4E+09		1	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
3.2E-03	P		8.0E-04						P		1.4E+09		1	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		1.4E+09		1		Tungsten	7440-33-7					6.3E+01			6.3E+01	
1.0E+00	C	2.9E-04	1.0E+00						M		1.4E+09		1	0.1	Uranium (Soluble Salts)	NA	1.5E-01	6.0E-01	4.8E+03	1.2E-01	2.3E+02			5.7E+04	2.3E+02
			8.3E-03						P		1.4E+09		0.026		Urethane	51-79-6					7.0E+02			9.9E+03	6.6E+02
			5.0E-03						S		1.4E+09		0.026		Vanadium Pentoxide	1314-62-1				4.6E+02	3.9E+02			1.4E+05	3.9E+02
			1.0E-03						V		1.4E+09	1.2E+05	1		Vanadium and Compounds	7440-62-2					7.8E+01			7.8E+01	
			2.5E-02						I		1.4E+09		1	0.1	Vernolate	1929-77-7					2.0E+03	8.2E+03		1.6E+03	
			1.0E+00						H		2.8E+03	1.4E+09	4.4E+03	1	Vincolozolin	50471-44-8					7.8E+04			9.2E+02	9.1E+02
			3.2E-05						H		2.5E+03	1.4E+09	1.4E+03	1	Vinyl Bromide	593-60-2					2.3E+02			4.3E+00	
7.2E-01	I	4.4E-06	3.0E-03						I V M		3.9E+03	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		1	0.1	Warfarin	81-81-2					2.3E+01	9.9E+01		1.9E+01	
			2.0E-01						S		3.9E+02	1.4E+09	5.6E+03	1	Xylene, p-	106-42-3					1.6E+04			5.6E+02	
			2.0E-01						S		3.9E+02	1.4E+09	5.5E+03	1	Xylene, m-	108-38-3					1.6E+04			5.5E+02	
			2.0E-01						S		4.3E+02	1.4E+09	6.5E+03	1	Xylene, o-	95-47-6									