

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 Hazard Index (HI) = 1				
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ²	k e y	RfD ₀ (mg/kg-day)	k e y	RfC ₁ (mg/m ³)	k e y	o l u t a g e n	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
				1.2E-03	O					1.4E+09		1	0.1	Acephate	30560-19-1					1.4E+03	3.3E+03		9.8E+02	
2.2E-06	I			2.0E-02	I	9.0E-03	I	V	1.1E+05	1.4E+09	8.7E+03	1		Acetaldehyde	75-07-0			4.9E+01	4.9E+01				3.4E+02	
										1.4E+09		1	0.1	Acetochlor	34256-82-1					2.3E+04	5.5E+04		1.6E+04	
				9.0E-01	I	3.1E+01	A	V	1.1E+05	1.4E+09	1.4E+04	1		Acetone	67-64-1					1.1E+06		1.8E+06	6.7E+05	
						2.0E-03	X			1.4E+09		1	0.1	Acetone Cyanohydrin	75-86-5							1.2E+07	1.2E+07	
						6.0E-02	I	V	1.3E+05	1.4E+09	1.3E+04	1		Acetonitrile	75-05-8							3.4E+03	3.4E+03	
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	8.6E-01	2.0E+00	1.3E+04	6.0E-01	1.2E+05			1.2E+05	
				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					5.8E+02		6.1E-01	6.0E-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	6.5E+00	1.5E+01	1.7E+05	4.6E+00	2.3E+03	5.5E+03	3.6E+07	1.6E+03	
				5.0E-01	I	1.0E-03	I	V	1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7					5.8E+05		4.2E+02	4.2E+02	
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	6.1E+00		1.4E+00	1.1E+00	4.7E+04		6.7E+01	6.7E+01	
						6.0E-03	P			1.4E+09		1	0.1	Adiponitrile	111-69-3							3.6E+07	3.6E+07	
5.6E-02	C			1.0E-02	I					1.4E+09		1	0.1	Alachlor	15972-60-8	5.8E+01	1.4E+02		4.1E+01	1.2E+04	2.8E+04		8.2E+03	
				1.0E-03	I					1.4E+09		1	0.1	Aldicarb	116-06-3					1.2E+03	2.8E+03		8.2E+02	
				1.0E-03	I					1.4E+09		1	0.1	Aldicarb Sulfone	1646-88-4					1.2E+03	2.8E+03		8.2E+02	
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1.4E+09	1.7E+06	1		Aldicarb sulfoxide	1646-87-3									
										1.4E+09		1		Aldrin	309-00-2	1.9E-01		4.3E+00	1.8E-01	3.5E+01			3.5E+01	
2.1E-02	C	6.0E-06	C	5.0E-03	I	1.0E-04	X	V	1.1E+05	1.4E+09	3.4E+04	1		Allyl Alcohol	107-18-6					5.8E+03		1.5E+01	1.5E+01	
				1.0E+00	P	5.0E-03	P		1.4E+03	1.4E+09	1.6E+03	1		Allyl Chloride	107-05-1	1.6E+02		3.2E+00	3.2E+00	1.2E+06		6.9E+00	6.9E+00	
										1.4E+09		1		Aluminum	7429-90-5							3.0E+07	1.1E+06	
2.1E+01	C	6.0E-03	C	4.0E-04	I					1.4E+09		1		Aluminum Phosphide	20859-73-8					4.7E+02			4.7E+02	
				9.0E-03	I					1.4E+09		1	0.1	Ametryn	834-12-8					1.1E+04	2.5E+04		7.4E+03	
										1.4E+09		1	0.1	Aminobiphenyl, 4-	92-67-1	1.6E-01	3.7E-01	2.8E+03	1.1E-01					
				8.0E-02	P					1.4E+09		1	0.1	Aminophenol, m-	591-27-5					9.3E+04	2.2E+05		6.6E+04	
				4.0E-03	X					1.4E+09		1	0.1	Aminophenol, o-	95-55-6					4.7E+03	1.1E+04		3.3E+03	
				2.0E-02	P					1.4E+09		1	0.1	Aminophenol, p-	123-30-8					2.3E+04	5.5E+04		1.6E+04	
				2.5E-03	I					1.4E+09		1	0.1	Amitraz	33089-61-1					2.9E+03	6.9E+03		2.1E+03	
						5.0E-01	I	V		1.4E+09		1		Ammonia	7664-41-7									
				2.0E-01	I					1.4E+09		1		Ammonium Sulfamate	7773-06-0					2.3E+05			2.3E+05	
5.7E-03	I	1.6E-06	C	7.0E-03	P	3.0E-03	X	V	1.4E+04	1.4E+09	2.6E+04	1		Amyl Alcohol, tert-	75-85-4							3.4E+02	3.4E+02	
4.0E-02	P			2.0E-03	X	1.0E-03	I			1.4E+09		1	0.1	Aniline	62-53-3	5.7E+02	1.4E+03	1.0E+07	4.0E+02	8.2E+03	1.9E+04	6.0E+06	5.7E+03	
										1.4E+09		1	0.1	Anthraquinone, 9,10-	84-65-1	8.2E+01	1.9E+02		5.7E+01	2.3E+03	5.5E+03		1.6E+03	
				4.0E-04	I					1.4E+09	0.15			Antimony (metallic)	7440-36-0					4.7E+02			4.7E+02	
				5.0E-04	H					1.4E+09	0.15			Antimony Pentoxide	1314-60-9					5.8E+02			5.8E+02	
				4.0E-04	H					1.4E+09	0.15			Antimony Tetroxide	1332-81-6					4.7E+02			4.7E+02	
1.5E+00	I	4.3E-03	I	2.0E-04	I					1.4E+09	0.15			Antimony Trioxide	1309-64-4							1.2E+06	1.2E+06	
				3.0E-04	I	1.5E-05	C			1.4E+09		1	0.03	Arsenic, Inorganic	7440-38-2	3.6E+00	1.7E+01	3.9E+03	3.0E+00	5.8E+02	2.8E+03	8.9E+04	4.8E+02	
				3.5E-06	C	5.0E-05	I			1.4E+09		1		Arsine	7784-42-1					4.1E+00		3.0E+05	4.1E+00	
				3.6E-02	O					1.4E+09		1	0.1	Asulam	3337-71-1					4.2E+04	9.9E+04		3.0E+04	
2.3E-01	C			3.5E-02	I					1.4E+09		1	0.1	Atrazine	1912-24-9	1.4E+01	3.4E+01		1.0E+01	4.1E+04	9.7E+04		2.9E+04	
8.8E-01	C	2.5E-04	C							1.4E+09		1	0.1	Auramine	492-80-8	3.7E+00	8.8E+00	6.7E+04	2.6E+00					
				4.0E-04	I					1.4E+09		1	0.1	Avermectin B1	65195-55-3					4.7E+02	1.1E+03		3.3E+02	
				3.0E-03	A	1.0E-02	A	V		1.4E+09		1	0.1	Azinphos-methyl	86-50-0					3.5E+03	8.3E+03	6.0E+07	2.5E+03	
1.1E-01	I	3.1E-05	I							1.4E+09	5.2E+05	1		Azobenzene	103-33-3	3.0E+01		2.1E+02	2.6E+01					
				1.0E+00	P	7.0E-06	P			1.4E+09		1	0.1	Azodicarbonamide	123-77-3					1.2E+06	2.8E+06	4.2E+04	4.0E+04	
				2.0E-01	I	5.0E-04	H			1.4E+09		0.07		Barium	7440-39-3					2.3E+05		3.0E+06	2.2E+05	
				5.0E-03	O			V		1.4E+09	3.1E+05	1		Benfluralin	1861-40-1					5.8E+03			5.8E+03	
				5.0E-02	I					1.4E+09		1	0.1	Benomyl	17804-35-2					5.8E+04	1.4E+05		4.1E+04	
				2.0E-01	I					1.4E+09		1	0.1	Bensulfuron-methyl	83055-99-6					2.3E+05	5.5E+05		1.6E+05	
				3.0E-02	I					1.4E+09		1	0.1	Bentazon	25057-89-0					3.5E+04	8.3E+04		2.5E+04	
4.0E-03	P			1.0E-01	I			V	1.2E+03	1.4E+09	2.2E+04	1		Benzaldehyde	100-52-7	8.2E+02			8.2E+02	1.2E+05			1.2E+05	
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	5.9E+01		5.6E+00	5.1E+00	4.7E+03		4.6E+02	4.2E+02	
1.0E-01	X			3.0E-04	X					1.4E+09		1	0.1	Benzenediamine-2-methyl sulfate, 1,4-</										

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ²	k e y	RfD ₀ (mg/kg-day)	k e y	RfC _i (mg/m ³) 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
				2.0E+00 4.0E-02	P C	2.0E-02 1.3E-02	P V			1.4E+09 1.4E+09			1	Boron Trichloride Boron Trifluoride	10294-34-5 7637-07-2					2.3E+06 4.7E+04		1.2E+08 7.7E+07	2.3E+06 4.7E+04
7.0E-01 2.0E+00	I X	6.0E-04 X		4.0E-03 3.0E-04	I X		V V		2.4E+03 9.0E+02	1.4E+09 1.4E+09	5.9E+03 1.1E+04		1	Bromate Bromo-2-chloroethane, 1- Bromo-3-fluorobenzene, 1-	15541-45-4 107-04-0 1073-06-9	4.7E+00 1.6E+00		1.2E-01	4.7E+00 1.1E-01	4.7E+03			4.7E+03
				3.0E-04 8.0E-03	X C		V V		3.2E+02 6.8E+02	1.4E+09 1.4E+09	1.1E+04 8.4E+03		1	Bromo-4-fluorobenzene, 1- Bromobenzene Bromochloromethane	460-00-4 108-86-1 74-97-5					3.5E+02 9.3E+03		2.2E+03 6.3E+02	3.5E+02 1.8E+03 6.3E+02
6.2E-02 7.9E-03	I I	3.7E-05 1.1E-06	C I	2.0E-02 2.0E-02	I I		V V		9.3E+02 9.2E+02	1.4E+09 1.4E+09	4.0E+03 9.7E+03		1	Bromodichloromethane Bromoforn Bromomethane	75-27-4 75-25-2 74-83-9	5.3E+01 4.1E+02		1.3E+00 1.1E+02	1.3E+00 8.6E+01	2.3E+04 2.3E+04 1.6E+03			2.3E+04 2.3E+04 3.0E+01
				5.0E-03 1.5E-02	H O		V O		1.4E+09 9.7E+02	1.2E+05 1.4E+09	2.1E+03		1	Bromophos Bromopropane, 1- Bromoxynil	2104-96-3 106-94-5 1689-84-5				2.2E+01	5.8E+03 1.8E+04		9.4E+02 4.1E+04	5.8E+03 9.4E+02 1.2E+04
1.0E-01 3.4E+00	O C			1.5E-02 3.0E-02	O C		V I		1.4E+09 6.7E+02	4.7E+05 1.4E+09	8.7E+02		1	Bromoxynil Octanoate Butadiene, 1,3- Butanoic acid, 4-(2,4-dichlorophenoxy)-	1689-99-2 106-99-0 94-82-6				2.6E-01	1.8E+04		7.6E+00	1.8E+04 7.6E+00 2.5E+04
				1.0E-01 2.0E+00 5.0E-02	O P		V V		7.6E+03 2.1E+04	1.4E+09 1.4E+09	3.0E+04 2.9E+04		1	Butanol, N- Butyl alcohol, sec- Butylate	71-36-3 78-92-2 2008-41-5					1.2E+05 2.3E+06 5.8E+04		3.8E+06	1.2E+05 1.5E+06 5.8E+04
2.0E-04 3.6E-03	C P	5.7E-08 C		3.0E-01 5.0E-02	P P		V V		1.4E+09 1.1E+02	1.4E+09 1.4E+09	8.1E+03		1	Butylated hydroxyanisole Butylated hydroxytoluene Butylbenzene, n-	25013-16-5 128-37-0 104-51-8	1.6E+04 9.1E+02	3.9E+04 2.1E+03	2.9E+08 6.4E+02	1.1E+04	3.5E+05 5.8E+04	8.3E+05		2.5E+05 5.8E+04
				1.0E-01 1.0E-01 2.0E-02	X X A		V V A		1.5E+02 1.8E+02	1.4E+09 1.4E+09	7.4E+03 7.4E+03		1	Butylbenzene, sec- Butylbenzene, tert- Cacodylic Acid	135-98-8 98-06-6 75-60-5					1.2E+05 1.2E+05 2.3E+04		5.5E+04	1.2E+05 1.2E+05 1.6E+04
				1.8E-03 1.8E-03	I I		A A		1.4E+09	0.025 0.05	0.001 0.001		0.01	Cadmium (Diet) Cadmium (Water) Caprolactam	7440-43-9 7440-43-9 105-60-2			9.3E+03 9.3E+03		1.2E+03 5.8E+05	6.9E+03 1.4E+06	6.0E+04 1.3E+07	9.8E+02 4.0E+05
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		V V V		1.4E+09 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09			1	Captafol Captan Carbaryl	2425-06-1 133-06-2 63-25-2	2.2E+01 1.4E+03	5.2E+01 3.4E+03	3.9E+05 2.5E+07	1.5E+01 1.0E+03	2.3E+03 1.5E+05 1.2E+05	5.5E+03 3.6E+05 2.8E+05		1.6E+03 1.1E+05 8.2E+04
				5.0E-03 1.0E-01 4.0E-03	I I I		V V V		1.4E+09 7.4E+02 4.6E+02	1.4E+09 1.4E+09 1.4E+09	1.2E+03 1.5E+03		1	Carbutolan Carbon Disulfide Carbon Tetrachloride	1563-66-2 75-15-0 56-23-5					5.8E+03 1.2E+05 4.7E+03	1.4E+04		4.1E+03 3.5E+03 5.7E+02
				1.0E-02 1.0E-01	I I		V I		5.9E+03	1.4E+09 1.4E+09	6.5E+02		1	Carbonyl Sulfide Carbosulfan Carboxin	463-58-1 55285-14-8 5234-68-4					1.2E+04 1.2E+05	2.8E+04 2.8E+05		2.8E+02 8.2E+03 8.2E+04
				1.0E-01 1.5E-02	I I		V I		1.4E+09 1.4E+09	1.4E+09 1.4E+09			1	Ceric oxide Chloral Hydrate Chloramben	1306-38-3 302-17-0 133-90-4					1.2E+05 1.8E+04		5.4E+06 4.1E+04	5.4E+06 1.2E+05 1.2E+04
4.0E-01 3.5E-01 1.0E+01	H I I	1.0E-04 4.6E-03	I C	5.0E-04 3.0E-04	I I		V V		1.4E+09 1.4E+09	1.4E+09 1.4E+09	1.5E+06		0.04	Chloranil Chlordane Chlordecone (Kepone)	118-75-2 12789-03-6 143-50-0	8.1E+00 9.3E+00 3.3E-01	1.9E+01 5.5E+01 7.7E-01	5.7E+00 7.7E+00 2.3E-01		5.8E+02 3.5E+02	3.4E+03 8.3E+02	4.7E+03	4.5E+02 2.5E+02
				7.0E-04 9.0E-02 1.0E-01	A O I		V V V		1.4E+09 1.4E+09	1.4E+09 1.4E+09			1	Chlorfenvinphos Chlorimuron, Ethyl- Chlorine	470-90-6 90982-32-4 7782-50-5					8.2E+02 1.1E+05 1.2E+05	1.9E+03 2.5E+05		5.7E+02 7.4E+04 7.8E-01
				3.0E-02 3.0E-02	I I		V I		1.4E+09 1.4E+09	1.4E+09 1.4E+09			1	Chlorine Dioxide Chlorite (Sodium Salt) Chloro-1,1-difluoroethane, 1-	10049-04-4 7758-19-2 75-68-3					3.5E+04 3.5E+04		1.2E+06 2.3E+05	3.4E+04 2.3E+05
				3.0E-04 1.0E-01	I P		V C		1.4E+09 1.4E+09	1.4E+09 1.4E+09	1.1E+03		1	Chloro-1,3-butadiene, 2- Chloro-2-methylaniline HCl, 4- Chloro-2-methylaniline, 4-	126-99-8 3165-93-3 95-69-2	7.1E+00 3.3E+01	1.7E+01 7.7E+01	4.4E-02 2.2E+05	4.4E-02 5.0E+00 2.3E+01	2.3E+04 3.5E+03		9.4E+01 8.3E+03	9.4E+01 2.5E+03
2.7E-01	X						V		1.2E+04	1.4E+09	1.6E+04		1	Chloroacetaldehyde, 2- Chloroacetic Acid Chloroacetophenone, 2-	107-20-0 79-11-8 532-27-4	1.2E+01		1.2E+01				1.8E+05	1.8E+05
2.0E-01	P			4.0E-03 2.0E-02 1.0E-01	I I X		V V V		1.4E+09 7.6E+02	1.4E+09 1.4E+09	6.4E+03		1	Chloroaniline, p- Chlorobenzene Chlorobenzene sulfonic acid, p-	106-47-8 108-90-7 98-66-8	1.6E+01	3.9E+01		1.1E+01	4.7E+03 2.3E+04 1.2E+05	1.1E+04		3.3E+03 1.3E+03 8.2E+04
1.1E-01	C	3.1E-05	C	2.0E-02 3.0E-02 3.0E-03	I X P		V V V		1.4E+09 2.9E+02	1.4E+09 1.4E+09	1.8E+03 6.8E+03		1	Chlorobenzilate Chlorobenzoic Acid, p- Chlorobenzotrifluoride, 4-	510-15-6 74-11-3 98-56-6	3.0E+01	7.0E+01	5.4E+05	2.1E+01	2.3E+04 3.5E+04 3.5E+03	5.5E+04 8.3E+04		1.6E+04 2.5E+04 2.5E+03
				4.0E-02 5.0E+01 2.0E-02	P I P		V V V		7.3E+02 1.7E+03 1.1E+05	1.4E+09 1.4E+09	1.8E+03 9.4E+02 7.8E+04		1	Chlorobutane, 1- Chlorodifluoromethane Chloroethanol, 2-	109-69-3 75-45-6 107-07-3					4.7E+04		2.1E+05	4.7E+04 2.1E+05 2.3E+04
3.1E-02 2.4E+00	C C	2.3E-05 6.9E-04	I C	1.0E-02 9.0E-02	I I		V V		2.5E+03 1.3E+03	1.4E+09 1.4E+09	2.6E+03 1.2E+03		1	Chloroform Chloromethane Chloromethyl Methyl Ether	67-66-3 74-87-3 107-30-2	1.1E+02 1.4E+00		1.4E+00	1.4E+00	1.2E+04		1.1E+03 4.6E+02	1.0E+03 4.6E+02
3.0E-01 6.0E-02	P P			3.0E-03 7.0E-04	P P		X P		1.4E+09 1.4E+09	1.4E+09 1.4E+09			1	Chloronitrobenzene, o- Chloronitrobenzene, p-	88-73-3 100-00-5	1.1E+01 5.5E+01	2.6E+01 1.3E+02		7.7E+00 3.8E+01	3.5E+03 8.2E+02	8.3E+03 1.9E+03	6.0E+04 1.2E+07	2.4E+03 5.7E+02

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ²	k _e y	RfD ₀ (mg/kg-day)	k _e y	RfC _i (mg/m ³) 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
				5.0E-03	I		V		2.7E+04	1.4E+09	1.4E+05	1		Chlorophenol, 2-	95-57-8					5.8E+03			5.8E+03	
3.1E-03	C	8.9E-07	C	1.5E-02	I	4.0E-04	C	V	6.2E+02	1.4E+09	4.7E+03	1		Chloropicrin	76-06-2								8.2E+00	
				2.0E-02	I		V		1.4E+09		1	0.1	Chlorothalonil	1897-45-6	1.1E+03	2.5E+03	1.9E+07	7.4E+02	1.8E+04	4.1E+04		1.2E+04		
				2.0E-02	I		V		9.1E+02	1.4E+09	8.1E+03	1		Chlorotoluene, o-	95-49-8					2.3E+04			2.3E+04	
2.4E+02	C	6.9E-02	C	2.0E-02	X		V		2.5E+02	1.4E+09	7.3E+03	1		Chlorotoluene, p-	106-43-4					2.3E+04			2.3E+04	
				1.4E+09		1	0.1	Chlorozotocin	54749-90-5	1.4E-02	3.2E-02	2.4E+02	9.6E-03	5.8E+04	1.4E+05		4.1E+04							
				5.0E-02	O				1.4E+09		1	0.1	Chlorpropham	101-21-3										
				1.0E-03	A				1.4E+09		1	0.1	Chlorpyrifos	2921-88-2					1.2E+03	2.8E+03		8.2E+02		
				1.0E-02	H				1.4E+09		1	0.1	Chlorpyrifos Methyl	5598-13-0					1.2E+04	2.8E+04		8.2E+03		
				2.0E-02	O				1.4E+09		1	0.1	Chlorsulfuron	64902-72-3					2.3E+04	5.5E+04		1.6E+04		
				1.0E-02	I				1.4E+09		1	0.1	Chlorthal-dimethyl	1861-32-1					1.2E+04	2.8E+04		8.2E+03		
				8.0E-04	H				1.4E+09		1	0.1	Chlorthiophos	60238-56-4					9.3E+02	2.2E+03		6.6E+02		
				1.5E+00	I				1.4E+09			0.013	Chromium(III), Insoluble Salts	16065-83-1					1.8E+06			1.8E+06		
5.0E-01	C	8.4E-02	S	3.0E-03	I	1.0E-04	I	M		1.4E+09		0.025	Chromium(VI)	18540-29-9	6.5E+00		2.0E+02	6.3E+00	3.5E+03		6.0E+05	3.5E+03		
				1.4E+09		0.013	Chromium, Total	7440-47-3																
				1.3E-02	I				1.4E+09		1	0.1	Clofentezine	74115-24-5					1.5E+04	3.6E+04		1.1E+04		
	9.0E-03	P	6.2E-04	I	P	6.0E-06	P	V	M	1.4E+09		1		Cobalt	7440-48-4			1.9E+03	1.9E+03	3.5E+02		3.6E+04	3.5E+02	
										1														
				4.0E-02	H				1.4E+09		1			Coke Oven Emissions	8007-45-2					4.7E+04			4.7E+04	
				5.0E-02	I	6.0E-01	C		1.4E+09		1	0.1		Cresol, m-	108-39-4					5.8E+04	1.4E+05	3.6E+09	4.1E+04	
				5.0E-02	I	6.0E-01	C		1.4E+09		1	0.1		Cresol, o-	95-48-7					5.8E+04	1.4E+05	3.6E+09	4.1E+04	
				1.0E-01	A	6.0E-01	C		1.4E+09		1	0.1		Cresol, p-	106-44-5					1.2E+05	2.8E+05	3.6E+09	8.2E+04	
1.9E+00	H			1.0E-03	P		V		1.7E+04	1.4E+09	1.9E+04	1		Cresol, p-chloro-m-	59-50-7					1.2E+05	2.8E+05		8.2E+04	
				1.0E-03	P		V		1.4E+09		1	0.1	Cresols	1319-77-3					1.2E+05	2.8E+05	3.6E+09	8.2E+04		
				1.0E-01	I	4.0E-01	I	V	2.7E+02	1.4E+09	6.2E+03	1		Crotonaldehyde, trans-	123-73-9	1.7E+00			1.7E+00	1.2E+03			1.2E+03	
2.2E-01	C	6.3E-05	C	1.0E-01	I				1.4E+09		1			Cumene	98-82-8					1.2E+05		1.1E+04	9.9E+03	
				8.4E-01	H				1.4E+09		1	0.1	Cupferron	135-20-6	1.5E+01	3.5E+01	2.6E+05	1.0E+01						
				2.0E-03	H				1.4E+09		1	0.1		Cyanazine	21725-46-2	3.9E+00	9.2E+00		2.7E+00	2.3E+03	5.5E+03		1.6E+03	
				1.0E-03	I				1.4E+09		1			Cyanides										
				5.0E-03	I				1.4E+09		1			-Calcium Cyanide	592-01-8					1.2E+03			1.2E+03	
				6.0E-04	I	8.0E-04	S	V	9.5E+05	1.4E+09	5.3E+04	1		-Copper Cyanide	544-92-3					5.8E+03			5.8E+03	
				1.0E-03	I		V		1.4E+09		1			-Cyanide (CN ⁻)	57-12-5					7.0E+02		1.9E+02	1.5E+02	
				9.0E-02	I		V		1.4E+09		1			-Cyanogen	460-19-5					1.2E+03			1.2E+03	
				5.0E-02	I		V		1.4E+09		1			-Cyanogen Bromide	506-68-3					1.1E+05			1.1E+05	
				5.0E-02	I		V		1.4E+09		1			-Cyanogen Chloride	506-77-4					5.8E+04			5.8E+04	
				6.0E-04	I	8.0E-04	I	V	1.0E+07	1.4E+09	5.2E+04	1		-Hydrogen Cyanide	74-90-8					7.0E+02		1.8E+02	1.5E+02	
				2.0E-03	I				1.4E+09		1			-Potassium Cyanide	151-50-8					2.3E+03			2.3E+03	
				5.0E-03	I				1.4E+09		0.04			-Potassium Silver Cyanide	506-61-6					5.8E+03			5.8E+03	
				1.0E-01	I				1.4E+09		0.04			-Silver Cyanide	506-64-9					1.2E+05			1.2E+05	
				1.0E-03	I				1.4E+09		1			-Sodium Cyanide	143-33-9					1.2E+03			1.2E+03	
				2.0E-04	P				1.4E+09		1			-Thiocyanates	E1790664					2.3E+02			2.3E+02	
				2.0E-04	X		V		1.4E+09		1			-Thiocyanic Acid	463-56-9					2.3E+02			2.3E+02	
				5.0E-02	I				1.4E+09		1			-Zinc Cyanide	557-21-1					5.8E+04			5.8E+04	
2.0E-02	X			1.0E-02	X	6.0E+00	I	V	1.2E+02	1.4E+09	1.0E+03	1		Cyclohexane	110-82-7							2.7E+04	2.7E+04	
				5.0E+00	I	7.0E-01	P	V	5.1E+03	1.4E+09	4.2E+04	1	0.1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.6E+02	3.9E+02		1.1E+02	2.3E+04	5.5E+04		1.6E+04	
				2.0E-01	I				1.4E+09		1			Cyclohexanone	108-94-1					5.8E+06		1.3E+05	1.3E+05	
				5.0E-03	P	1.0E+00	X	V	2.8E+02	1.4E+09	1.5E+03	1		Cyclohexene	110-83-8					5.8E+03		6.4E+03	3.1E+03	
				2.0E-01	I			V	2.9E+05	1.4E+09	7.5E+04	1		Cyclohexylamine	108-91-8					2.3E+05			2.3E+05	
				2.5E-02	I				1.4E+09		1	0.1		Cyfluthrin	68359-37-5					2.9E+04	6.9E+04		2.1E+04	
				1.0E-03	O				1.4E+09		1	0.1		Cyhalothrin	68085-85-8					1.2E+03	2.8E+03		8.2E+02	
				6.0E-02	O				1.4E+09		1	0.1		Cypermethrin	52315-07-8					7.0E+04	1.7E+05		4.9E+04	
				1.5E-02	O				1.4E+09		1	0.1		Cyromazine	66215-27-8					1.8E+04	4.1E+04		1.2E+04	
2.4E-01	I	6.9E-05	C	3.0E-05	X				1.4E+09		1	0.1		DDD, p,p'- (DDD)	72-54-8	1.4E+01	3.2E+01	2.4E+05	9.6E+00	3.5E+01	8.3E+01		2.5E+01	
3.4E-01	I	9.7E-05	C	3.0E-04	X			V	1.4E+09		2.1E+06	1		DDE, p,p'-	72-55-9	9.6E+00		2.7E+02	9.3E+00	3.5E+02			3.5E+02	
3.4E-01	I	9.7E-05	I	5.0E-04	I				1.4E+09		1	0.03		DDT	50-29-3	9.6E+00	7.6E+01	1.7E+05	8.5E+00	5.8E+02	4.6E+03		5.2E+02	
				3.0E-02	I				1.4E+09		1	0.1		Dalapon	75-99-0					3.5E+04	8.3E+04		2.5E+04	
1.8E-02	C	5.1E-06	C	1.5E-01	I				1.4E+09		1	0.1		Daminozide	1596-84-5	1.8E+02	4.3E+02	3.3E+06	1.3					

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 Hazard Index (HI) = 1			
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC ₁ (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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)		
		4.2E-03 P		3.0E-02 I				V	5.5E+02	1.4E+09	3.2E+03	1	0.1	Dicamba	1918-00-9										
		4.2E-03 P						V	5.2E+02	1.4E+09	1.1E+04	1		Dichloro-2-butene, 1,4-Dichloro-2-butene, cis-1,4-	764-41-0 1476-11-5			9.4E-03 3.2E-02	9.4E-03 3.2E-02						
5.0E-02	I	4.2E-03 P						V	7.6E+02	1.4E+09	1.1E+04	1	0.1	Dichloro-2-butene, trans-1,4-Dichloroacetic Acid	110-57-6 79-43-6	6.5E+01	1.5E+02			4.6E+01					
5.4E-03	C	1.1E-05 C		4.0E-03 I				H V	3.8E+02	1.4E+09	1.2E+04	1		Dichlorobenzene, 1,2-Dichlorobenzene, 3,3'-Dichlorobenzophenone, 4,4'-	95-50-1 106-46-7 91-94-1 90-98-2	6.1E+02 7.3E+00	1.7E+01	1.2E+01 4.9E+04	1.1E+01 5.1E+00	8.2E+04		3.7E+04	2.5E+04		
4.5E-01	I	3.4E-04 C		9.0E-03 X						1.4E+09	1.0E+04	1	0.1	Dichlorobenzene, 1,4-Dichlorobenzidine, 3,3'-Dichlorobenzophenone, 4,4'-	106-46-7 91-94-1 90-98-2	6.1E+02 7.3E+00	1.7E+01	1.2E+01 4.9E+04	1.1E+01 5.1E+00	8.2E+04		3.7E+04	2.5E+04		
				2.0E-01 I		1.0E-01 X V			8.5E+02	1.4E+09	8.4E+02	1		Dichlorodifluoromethane	75-71-8										
5.7E-03	C	1.6E-06 C		2.0E-01 P				V	1.7E+03	1.4E+09	2.1E+03	1		Dichloroethane, 1,1-Dichloroethane, 1,2-	75-34-3 107-06-2	5.7E+02 3.6E+01		1.6E+01 2.2E+00	1.6E+01 2.0E+00						
9.1E-02	I	2.6E-05 I		6.0E-03 X		7.0E-03 P V			3.0E+03	1.4E+09	4.6E+03	1		Dichloroethane, 1,1-Dichloroethane, 1,2-	75-34-3 107-06-2	5.7E+02 3.6E+01		1.6E+01 2.2E+00	1.6E+01 2.0E+00						
				5.0E-02 I		2.0E-01 I V			1.2E+03	1.4E+09	1.2E+03	1		Dichloroethylene, 1,1-Dichloroethylene, 1,2-cis-Dichloroethylene, 1,2-trans-	75-35-4 156-59-2 156-60-5										
				2.0E-03 I				V	2.4E+03	1.4E+09	2.5E+03	1		Dichloroethylene, 1,2-cis-Dichloroethylene, 1,2-trans-	156-59-2 156-60-5										
				2.0E-02 I				V	1.9E+03	1.4E+09	1.7E+03	1		Dichlorophenol, 2,4-Dichlorophenoxy Acetic Acid, 2,4-Dichloropropane, 1,2-	120-83-2 94-75-7 78-87-5										
3.7E-02	P	3.7E-06 P		4.0E-02 P		4.0E-03 I V			1.4E+03	1.4E+09	3.8E+03	1	0.1	Dichloropropane, 1,3-Dichloropropanol, 2,3-Dichloropropene, 1,3-	142-28-9 616-23-9 542-75-6	8.8E+01		1.3E+01	1.1E+01						
1.0E-01	I	4.0E-06 I		3.0E-02 I		2.0E-02 I V			1.6E+03	1.4E+09	3.6E+03	1	0.1	Dichloropropane, 1,3-Dichloropropanol, 2,3-Dichloropropene, 1,3-	142-28-9 616-23-9 542-75-6	3.3E+01		1.1E+01	8.2E+00						
2.9E-01	I	8.3E-05 C		5.0E-04 I		5.0E-04 I			1.4E+09	1.4E+09		1	0.1	Dichloroethane, 1,1-Dichloroethane, 1,2-	75-34-3 107-06-2	5.7E+02 3.6E+01	2.7E+01	2.0E+05	7.9E+00						
				7.0E-05 O					1.4E+09	1.4E+09		1	0.1	Dichloroethane, 1,1-Dichloroethane, 1,2-	75-34-3 107-06-2	5.7E+02 3.6E+01	2.7E+01	2.0E+05	7.9E+00						
				8.0E-02 P		3.0E-04 X V			2.6E+02	1.4E+09	4.1E+03	1		Dicyclopentadiene	77-73-6										
1.6E+01	I	4.6E-03 I		5.0E-05 I					1.4E+09	1.4E+09		1	0.1	Dieldrin	60-57-1	2.0E-01	4.8E-01	3.6E+03	1.4E-01						
		3.0E-04 C				5.0E-03 I				1.4E+09		1	0.1	Diesel Engine Exhaust	E17136615										
				2.0E-03 P		2.0E-04 P				1.4E+09		1	0.1	Diethanolamine	111-42-2										
				3.0E-02 P		1.0E-04 P				1.4E+09		1	0.1	Diethylene Glycol Monobutyl Ether	112-34-5										
				6.0E-02 P		3.0E-04 P				1.4E+09		1	0.1	Diethylene Glycol Monoethyl Ether	111-90-0										
				1.0E-03 P				V	1.1E+05	1.4E+09	1.4E+05	1		Diethylformamide	617-84-5										
3.5E+02	C	1.0E-01 C								1.4E+09		1	0.1	Diethylstilbestrol	56-53-1	9.3E-03	2.2E-02	1.7E+02	6.6E-03						
				8.3E-02 O						1.4E+09		1	0.1	Difenzoquat	43222-48-6										
				2.0E-02 I						1.4E+09		1	0.1	Diflbenzuron	35367-38-5										
						4.0E+01 I V			1.4E+03	1.4E+09	1.1E+03	1		Difluoroethane, 1,1-Difluoropropane, 2,2-Dihydrosafrole	75-37-6 420-45-1 94-58-6										
4.4E-02	C	1.3E-05 C				3.0E+01 X V			6.9E+02	1.4E+09	7.6E+02	1		Difluoroethane, 1,1-Difluoropropane, 2,2-Dihydrosafrole	75-37-6 420-45-1 94-58-6			1.2E+02	4.5E+01						
						7.0E-01 P V			2.3E+03	1.4E+09	3.1E+03	1		Disopropyl Ether	108-20-3							9.4E+03	9.4E+03		
				8.0E-02 I				V	5.3E+02	1.4E+09	3.8E+04	1		Disopropyl Methylphosphonate	1445-75-6							9.3E+04	9.3E+04		
				2.2E-02 O						1.4E+09		1	0.1	Dimethipin	55290-64-7							2.5E+04	1.8E+04		
1.6E+00	P			2.2E-03 O						1.4E+09		1	0.1	Dimethoate	60-51-5							2.6E+03	1.8E+03		
1.7E-03	P			6.0E-02 P						1.4E+09		1	0.1	Dimethoxybenzidine, 3,3'-Dimethyl methylphosphonate	119-90-4 756-79-6	2.0E+00 1.9E+03	4.8E+00 4.5E+03		1.4E+00 1.4E+03						
4.6E+00	C	1.3E-03 C								1.4E+09		1	0.1	Dimethylamino azobenzene [p-]	60-11-7	7.1E-01	1.7E+00	1.3E+04		5.0E-01					
5.8E-01	H									1.4E+09		1	0.1	Dimethylaniline HCl, 2,4-Dimethylaniline, 2,4-	21436-96-4 95-68-1	5.6E+00 1.6E+01	1.3E+01 3.9E+01		4.0E+00 1.1E+01						
2.7E-02	P			2.0E-03 X						1.4E+09		1	0.1	Dimethylaniline, 2,4-Dimethylaniline, N,N-Dimethylbenzidine, 3,3'-Dimethylformamide	121-69-7 119-93-7 68-12-2	1.2E+02 3.0E-01		7.0E-01	1.2E+02 2.1E-01						
1.1E+01	P					1.0E-01 P		3.0E-02 I V	1.1E+05	1.4E+09	1.3E+05	1	0.1	Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	57-14-7 540-73-8 105-67-9 576-26-1 95-65-9 513-37-1										
5.5E+02	C	1.6E-01 C		1.0E-04 X		2.0E-06 X V			1.7E+05	1.4E+09	2.8E+04	1		Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	57-14-7 540-73-8 105-67-9 576-26-1 95-65-9 513-37-1	5.9E-03		1.3E-02	4.1E-03						
				2.0E-02 I						1.4E+09		1	0.1	Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	57-14-7 540-73-8 105-67-9 576-26-1 95-65-9 513-37-1										
4.5E-02	C	1.3E-05 C		6.0E-04 I						1.4E+09		1	0.1	Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	576-26-1 95-65-9 513-37-1										
				1.0E-03 I					4.7E+02	1.4E+09	5.5E+03	1		Dimethylvinylchloride	513-37-1	7.3E+01		5.2E+00	4.8E+00						
				8.0E-05 X						1.4E+09		1	0.1	Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrophenol, 2,4-Dinitrophenol	534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5										
				2.0E-03 I						1.4E+09		1	0.1	Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrophenol, 2,4-Dinitrophenol	534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5										
				1.0E-04 P						1.4E+09		1	0.1	Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrophenol, 2,4-Dinitrophenol	99-65-0 100-25-4 51-28-5										
6.8E-01	I									1.4E+09		1	0.1	Dinitrotoluene Mixture, 2,4/2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	E1615210 121-14-2 606-20-2	4.8E+00 1.1E+01 2.2E+00	1.1E+01 2.4E+01 5.2E+00		3.4E+00 7.4E+00 1.5E+00						
3.1E-01	C	8.9E-05 C		2.0E-03 X						1.4E+09		1	0.102	Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	121-14-2 606-20-2	1.1E+01 2.2E+00	2.4E+01 5.2E+00	1.9E+05		2.3E+03 3.5E+02	5.4E+03 8.4E+02		1.6E+03 2.5E+02		
1.5E+00	P			3.0E-04 X						1.4E+09		1	0.099	Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	121-14-2 606-20-2	1.1E+01 2.2E+00	2.4E+01 5.2E+00	1.9E+05		2.3E+03 3.5E+02	5.4E+03 8.4E+02		1.6E+03 2.5E+02		
				2.0E-03 S						1.4E+09		1	0.006	Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	35572-78-2 19406-51-0 25321-14-6										
4.5E-01	X			2.0E-03 S						1.4E+09		1	0.009	Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	35572-78-2 19406-51-0 25321-14-6										
				9.0E-04 X						1.4E+09		1	0.1	Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	35572-78-2 19406-51-0 25321-14-6	7.3E+00	1.7E+01		5.1E+00						
1.0E-01	I	5.0E-06 I		1.0E-03 I		3.0E-02 I V			1.2E+05	1.4E+09	4.0E+04	1	0.1	Dinoseb	88-85-7	3.3E+01		9.7E+01	2.4E+01						
				3.0E-02 I						1.4E+09		1	0.03	Dioxane, 1,4-Dioxins	123-91-1										
6.2E+03	I	1.3E+00 I								1.4E+09		1	0.03	-Hexachlorodibenzo-p-dioxin, Mixture		5.3E-04	4.2E-03	1.3E+01	4.7E-04						

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD ₀ (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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
1.3E+05	C	3.8E+01	C	7.0E-10 3.0E-02	I	4.0E-08	C	V		1.4E+09 1.4E+09	2.0E+06 1.4E+09	1 1	0.03 0.1	-TCDD, 2,3,7,8-Diphenamid	1746-01-6 957-51-7	2.5E-05	2.0E-04	6.3E-04	2.2E-05	8.2E-04 3.5E+04	6.4E-03 8.3E+04	3.4E-01 1.4E+02	7.2E-04 2.5E+04	
				8.0E-04 1.0E-01	X	4.0E-04	X	V		1.4E+09 1.4E+09 1.4E+09	8.1E+04 1.4E+09 1.4E+09	1 1 1	0.1 0.1 0.1	Diphenyl Ether Diphenyl Sulfone Diphenylamine	101-84-8 127-63-9 122-39-4					9.3E+02 1.2E+05	2.2E+03 2.8E+05	1.4E+02	1.4E+02 6.6E+02 8.2E+04	
8.0E-01	I	2.2E-04	I	2.2E-03	I					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	4.1E+00	9.7E+00	7.6E+04	2.9E+00	2.6E+03 6.1E+03			1.8E+03	
7.1E+00	C	1.4E-01	C							1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Direct Blue 6 Direct Brown 95 Disulfoton	2602-46-2 16071-86-6 298-04-4	4.4E-01 4.9E-01	1.0E+00 1.2E+00	1.2E+02 1.2E+02	3.1E-01 3.4E-01			4.7E+01 1.1E+02	3.3E+01	
				1.0E-02 2.0E-03 2.0E-02	I I O			V		1.4E+09 1.4E+09 1.4E+09	4.5E+04 1.4E+09 1.4E+09	1 1 1	0.1 0.1 0.1	Dithiane, 1,4-Diuron Dodine	505-29-3 330-54-1 2439-10-3					1.2E+04 2.3E+03 2.3E+04	5.5E+03 5.5E+04		1.2E+04 1.6E+03 1.6E+04	
				5.0E-02 6.0E-03 2.0E-02	O I I			V		1.4E+09 1.4E+09 1.4E+09	1.2E+05 4.1E+05 1.4E+09	1 1 1	0.1 0.1 0.1	EPTC Endosulfan Endothall	759-94-4 115-29-7 145-73-3					5.8E+04 7.0E+03 2.3E+04	5.5E+04		5.8E+04 7.0E+03 1.6E+04	
9.9E-03	I	1.2E-06	I	3.0E-04 6.0E-03	I P	1.0E-03 2.0E-02	I I	V V	1.1E+04 1.5E+04	1.4E+09 1.4E+09	1.9E+04 7.7E+03	1 1	0.1 1	Endrin Epichlorohydrin Epoxbutane, 1,2-	72-20-8 106-89-8 106-88-7	3.3E+02		1.9E+02	1.2E+02	3.5E+02 7.0E+03	8.3E+02	8.3E+01 6.7E+02	2.5E+02 8.2E+01 6.7E+02	
				4.0E-02 5.0E-03 5.0E-04	P I P					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Ethanol, 2-(2-methoxyethoxy)- Ethephon Ethion	111-77-3 16672-87-0 563-12-2					4.7E+04 5.8E+03 5.8E+02	1.1E+05 1.4E+04 1.4E+03		3.3E+04 4.1E+03 4.1E+02	
				1.0E-01 9.0E-02 9.0E-01	P I I	6.0E-02 2.0E-01 7.0E-02	P I P	V V V	2.4E+04 1.1E+05 1.1E+04	1.4E+09 1.4E+09 1.4E+09	6.1E+04 9.8E+04 8.6E+03	1 1 1		Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-Ethyl Acetate	111-15-9 110-80-5 141-78-6					1.2E+05 1.1E+05 1.1E+06		1.6E+04 8.6E+04 2.6E+03	1.4E+04 4.7E+04 2.6E+03	
				5.0E-03 1.0E+01 2.0E-01	P I I	8.0E-03 1.0E+01 1.0E+01	P I V	V V V	2.5E+03 2.1E+03 1.0E+04	1.4E+09 1.4E+09 1.4E+09	6.3E+03 1.3E+03 3.1E+03	1 1 1		Ethyl Acrylate Ethyl Chloride (Chloroethane) Ethyl Ether	140-88-5 75-00-3 60-29-7					5.8E+03 2.2E+02 2.3E+05		2.2E+02 5.7E+04	2.1E+02 5.7E+04 2.3E+05	
				3.0E-01 1.0E-05 1.0E-01	P I I	3.0E-01 1.0E+00	P I	V V	1.1E+03 4.8E+02	1.4E+09 1.4E+09	5.8E+03 5.7E+03	1 1	0.1	Ethyl Methacrylate Ethyl-p-nitrophenyl Phosphonate Ethylbenzene	97-63-2 2104-64-5 100-41-4	3.0E+02		2.8E+01	2.5E+01	1.2E+01 1.2E+05	2.8E+01	2.5E+04	7.6E+03 8.2E+00 2.0E+04	
1.1E-02	C	2.5E-06	C	7.0E-02 9.0E-02 2.0E+00	P P I	1.6E+00 3.0E-02 4.0E-01	I C C		1.9E+05	1.4E+09 1.4E+09	1.8E+05	1 1	0.1	Ethylene Cyanohydrin Ethylene Diamine Ethylene Glycol	109-78-4 107-15-3 107-21-1					8.2E+04 1.1E+05 2.3E+06	1.9E+05	5.5E+06	5.7E+04 1.1E+05 1.6E+06	
3.1E-01	C	3.0E-03	I	1.0E-01	I	1.6E+00	I			1.4E+09		1	0.1	Ethylene Glycol Monobutyl Ether	111-76-2	1.1E+01		2.5E-02	2.5E-02	1.2E+05	2.8E+05	9.5E+09	8.2E+04	
4.5E-02	C	1.3E-05	C	8.0E-05	I	3.0E-02	C	V	M	1.2E+05	1.4E+09	6.1E+03	1	0.1	Ethylene Oxide Ethylene Thiourea	75-21-8 96-45-7	7.3E+01	1.7E+02	1.3E+06	5.1E+01	9.3E+01	2.2E+02	8.0E+02	8.0E+02 6.6E+01
6.5E+01	C	1.9E-02	C					V	1.5E+05	1.4E+09	2.4E+04	1		Ethyleneimine Ethylphthalyl Ethyl Glycolate Fenamiphos	151-56-4 84-72-0 22224-92-6	5.0E-02		1.5E-02	1.2E-02	3.5E+06 2.9E+02	8.3E+06 6.9E+02		2.5E+06 2.1E+02	
				2.5E-02 2.5E-02 1.3E-02	I I I					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Fenpropathrin Fenvalerate Flumeturon	39515-41-8 51630-58-1 2164-17-2					2.9E+04 2.9E+04 1.5E+04	6.9E+04 6.9E+04 3.6E+04		2.1E+04 2.1E+04 1.1E+04	
				4.0E-02 6.0E-02 8.0E-02	C I I	1.3E-02 1.3E-02	C C			1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Fluoride Fluorine (Soluble Fluoride) Fluridone	16984-48-8 7782-41-4 59756-60-4					4.7E+04 7.0E+04 9.3E+04		7.7E+07 7.7E+07	4.7E+04 7.0E+04 6.6E+04	
				1.5E-02 2.0E-03 5.0E-01	O O O					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Flurprimidol Flusilazole Flutolanil	56425-91-3 85509-19-9 66332-96-5					1.8E+04 2.3E+03 5.8E+05	4.1E+04 5.5E+03 1.4E+06		1.2E+04 1.6E+03 4.1E+05	
				1.0E-02 9.0E-02 2.5E-03	I O O					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Fluvalinate Folpet Fomesafen	69409-94-5 133-07-3 72178-02-0					1.2E+04 1.1E+05 2.9E+03	2.8E+04 2.5E+05 6.9E+03		8.2E+03 7.4E+04 2.1E+03	
				2.0E-03 2.0E-01 9.0E-01	I I P					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Fonofos Formaldehyde Formic Acid	944-22-9 50-00-0 64-18-6			7.3E+01	7.3E+01	2.3E+03 2.3E+05 1.1E+06	5.5E+03	3.3E+03 1.2E+02	1.6E+03 3.3E+03 1.2E+02	
				2.5E+00	O					1.4E+09		1	0.1	Fosetyl-AL Furans	39148-24-8					2.9E+06	6.9E+06		2.1E+06	
				1.0E-03	X			V		1.4E+09	1.6E+05	1	0.03	-Dibenzofuran	132-64-9					1.2E+03	9.2E+03		1.0E+03	
				1.0E-03 9.0E-01	I I			V V		6.2E+03 1.7E+05	1.4E+09 1.2E+04	1 1	0.03 0.03	-Furan -Tetrahydrofuran	110-00-9 109-99-9					1.2E+03 1.1E+06	9.2E+03 8.3E+06		1.0E+03 9.4E+04	
3.8E+00	H									1.4E+09		1	0.1	Furazolidone	67-45-8	8.6E-01	2.0E+00		6.0E-01					
1.5E+00	C	4.3E-04	C	3.0E-02	I	5.0E-02	H	V		1.0E+04	1.4E+09	4.9E+04	1		Furfural Furium Furmecycloz	98-01-1 531-82-8 60568-05-0	2.2E+00 1.1E+02	5.2E+00 2.6E+02	3.9E+04 1.9E+06	1.5E+00 7.7E+01	3.5E+03		1.1E+04	2.6E+03
				6.0E-03 1.0E-01 4.0E-04	O A I					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Glufosinate, Ammonium Glutaraldehyde Glycidyl	77182-82-2 111-30-8 765-34-4					7.0E+03 1.2E+05 4.7E+02	1.7E+04 2.8E+05 3.7E+02		4.9E+03 7.0E+04 2.1E+02	
				1.0E-01 1.0E-02	I X			V		1.4E+09 1.4E+09	1.5E+05	1	0.1	Glyphosate Guanidine	1071-83-6 113-00-8					1.2E+05 1.2E+04	2.8E+05		8.2E+04 1.2E+04	

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³) ¹	k _e (y)	RfD ₀ (mg/kg-day)	k _e (y)	RfC _i (mg/m ³) ¹	k _e (y)	o _i (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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
			2.0E-02	P							1.4E+09			1	0.1	Guanidine Chloride	50-01-1					2.3E+04	5.5E+04		1.6E+04
			3.0E-02	X							1.4E+09			1	0.1	Guanidine Nitrate	506-93-4					3.5E+04	2.5E+04		2.5E+04
			5.0E-05	I							1.4E+09			1	0.1	Haloxypol, Methyl	69806-40-2					5.8E+01	1.4E+02		4.1E+01
4.5E+00	I	1.3E-03	I	5.0E-04	I				V		1.4E+09	4.8E+05		1		Heptachlor	76-44-8	7.3E-01		4.5E+00	6.3E-01	5.8E+02			5.8E+02
9.1E+00	I	2.6E-03	I	1.3E-05	I				V		1.4E+09	8.4E+05		1		Heptachlor Epoxide	1024-57-3	3.6E-01		4.0E+00	3.3E-01	1.5E+01			1.5E+01
			3.0E-04	X	4.0E-01	P	3.0E-03	X	V	2.1E+02	1.4E+09	7.8E+03		1		Heptanal, n-	111-71-7							1.0E+02	1.0E+02
			3.0E-04	X	4.0E-01	P	5.8E+01		V	1.4E+09	8.9E+02			1		Heptane, N-	142-82-5					3.5E+02		1.6E+03	2.9E+02
			2.0E-03	I					V		1.4E+09	3.8E+05		1		Hexabromobenzene	87-82-1					2.3E+03			2.3E+03
1.6E+00	I	4.6E-04	I	8.0E-04	I				V		1.4E+09			1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	2.0E+00		1.8E+00	9.6E-01	2.3E+02	5.5E+02		1.6E+02
			2.0E-04	I					V		1.4E+09	6.8E+04		1		Hexachlorobenzene	118-74-1					9.3E+02			9.3E+02
7.8E-02	I	2.2E-05	I	1.0E-03	P				V	1.7E+01	1.4E+09	1.1E+04		1		Hexachlorobutadiene	87-68-3	4.2E+01		6.0E+00	5.3E+00	1.2E+03			1.2E+03
6.3E+00	I	1.8E-03	I	8.0E-03	A						1.4E+09			1	0.1	Hexachlorocyclohexane, Alpha-	319-84-6	5.2E-01	1.2E+00	9.3E+03	3.6E-01	9.3E+03	2.2E+04		6.6E+03
1.8E+00	I	5.3E-04	I								1.4E+09			1	0.1	Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	4.3E+00	3.1E+04	1.3E+00				
1.1E+00	C	3.1E-04	C	3.0E-04	I						1.4E+09			1	0.04	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	3.0E+00	1.8E+01	5.4E+04	2.5E+00	3.5E+02	2.1E+03		3.0E+02
1.8E+00	I	5.1E-04	I								1.4E+09			1	0.1	Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	4.3E+00	3.3E+04	1.3E+00				
			6.0E-03	I	2.0E-04	I	V			1.6E+01	1.4E+09	8.5E+03		1		Hexachlorocyclopentadiene	77-47-4					7.0E+03		7.5E+00	7.5E+00
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V			1.4E+09	8.0E+03		1		Hexachloroethane	67-72-1	8.2E+01		8.9E+00	8.0E+00	8.2E+02		1.1E+03	4.6E+02
			3.0E-04	I							1.4E+09			1	0.1	Hexachlorophene	70-30-4					3.5E+02	8.3E+02		2.5E+02
1.1E-01	I		3.0E-03	I							1.4E+09			1	0.015	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	3.0E+01	4.7E+02		2.8E+01	3.5E+03	5.5E+04		3.3E+03
			1.0E-05	I	V					3.4E+03	1.4E+09	3.0E+05		1		Hexamethylene Diisocyanate, 1,6-	822-06-0							1.3E+01	1.3E+01
			4.0E-04	P		7.0E-01	I	V			1.4E+09			1	0.1	Hexamethylphosphoramide	680-31-9					4.7E+02	1.1E+03		3.3E+02
											1.4E+09	8.3E+02		1		Hexane, N-	110-54-3						2.5E+03		2.5E+03
			2.0E+00	P							1.4E+09			1	0.1	Hexanedioic Acid	124-04-9					2.3E+06	5.5E+06		1.6E+06
			5.0E-03	I	3.0E-02	I	V			3.3E+03	1.4E+09	1.3E+04		1		Hexanone, 2-	591-78-6							1.7E+03	1.3E+03
			3.3E-02	I							1.4E+09			1	0.1	Hexazinone	51235-04-2					3.9E+04	9.1E+04		2.7E+04
			2.5E-02	I							1.4E+09			1	0.1	Hexythiazox	78587-05-0					2.9E+04	6.9E+04		2.1E+04
3.0E+00	I	4.9E-03	I	1.7E-02	O						1.4E+09			1	0.1	Hydramethylnon	67485-29-4					2.0E+04	4.7E+04		1.4E+04
3.0E+00	I	4.9E-03	I			3.0E-05	P	V			1.4E+09			1		Hydrazine	302-01-2	1.1E+00		3.4E+03	1.1E+00			1.8E+05	1.8E+05
			4.0E-02	C	1.4E-02	C	V				1.4E+09			1		Hydrazine Sulfate	10034-93-2	1.1E+00		3.4E+03	1.1E+00				
			2.0E-03	I	V						1.4E+09			1		Hydrogen Chloride	7647-01-0					4.7E+04		1.2E+08	1.2E+08
6.0E-02	P		4.0E-02	P							1.4E+09			1	0.1	Hydrogen Fluoride	7664-39-3							1.2E+07	1.2E+07
6.1E-02	O		2.5E-03	O							1.4E+09			1	0.1	Hydrogen Sulfide	7783-06-4	5.5E+01	1.3E+02		3.8E+01	4.7E+04	1.1E+05		3.3E+04
			2.5E-01	I							1.4E+09			1	0.1	Hydroquinone	123-31-9	5.4E+01	1.3E+02		3.8E+01	2.9E+03	6.9E+03		2.1E+03
			2.5E+00	O							1.4E+09			1	0.1	Imazalil	35554-44-0					2.9E+05	6.9E+05		2.1E+05
			1.0E-02	I							1.4E+09			1		Imazaquin	81335-37-7					2.9E+06	6.9E+06		2.1E+06
			4.0E-02	I							1.4E+09			1	0.1	Imazethapyr	81335-77-5					1.2E+04			1.2E+04
			7.0E-01	P							1.4E+09			1	0.1	Iodine	7553-56-2					4.7E+04	1.1E+05		3.3E+04
			3.0E-01	I					V	1.0E+04	1.4E+09	2.8E+04		1		Iprodione	36734-19-7					8.2E+05			8.2E+05
9.5E-04	I		2.0E-01	I	2.0E+00	C					1.4E+09			1	0.1	Iron	7439-89-6					3.5E+05			3.5E+05
			1.5E-02	I					V		1.4E+09	4.2E+05		1		Isobutyl Alcohol	78-83-1	3.4E+03	8.1E+03		2.4E+03			1.2E+10	1.6E+05
			2.0E+00	P	2.0E-01	P	V			1.1E+05	1.4E+09	2.8E+04		1		Isophorone	78-59-1					1.8E+04			1.8E+04
			1.0E-01	I							1.4E+09			1	0.1	Isopropalin	33820-53-0					2.3E+06		2.4E+04	2.4E+04
			5.0E-02	I							1.4E+09			1	0.1	Isopropyl Methyl Phosphonic Acid	1832-54-8					1.2E+05	2.8E+05		8.2E+04
					3.0E-01	A	V				1.4E+09			1	0.1	Isoxaben	82558-50-7					5.8E+04	1.4E+05		4.1E+04
			8.0E-03	O							1.4E+09			1	0.1	JP-7	E1737665							1.8E+09	1.8E+09
			2.0E-04	X							1.4E+09			1	0.1	Lactofen	77501-63-4					9.3E+03	2.2E+04		6.6E+03
											1.4E+09			1	0.1	Lactonitrile	78-97-7					2.3E+02	5.5E+02		1.6E+02
8.5E-03	C	1.2E-05	C								1.4E+09			1		Lead Compounds		3.8E+02		1.4E+06	3.8E+02				
8.5E-03	C	1.2E-05	C								1.4E+09			1	0.1	~Lead Phosphate	7446-27-7	3.8E+02	9.1E+02	1.4E+06					
											1.4E+09			1		~Lead acetate	301-04-2								
											1.4E+09			1		~Lead and Compounds	7439-92-1								8.0E+02
8.5E-03	C	1.2E-05	C								1.4E+09			1	0.1	~Lead subacetate	1335-32-6	3.8E+02	9.1E+02	1.4E+06	2.7E+02				
			1.0E-07	I					V	2.4E+00	1.4E+09	1.9E+03		1		~Tetraethyl Lead	78-00-2					1.2E-01			1.2E-01
			5.0E-06	P					V	3.8E+02	1.4E+09	2.6E+04		1		Lewisite	541-25-3					5.8E+00			5.8E+00
			7.7E-03	O							1.4E+09			1	0.1	Linuron	330-55-2					9.0E+03	2.1E+04		6.3E+03
			2.0E-03	P							1.4E+09			1		Lithium	7439-93-2					2.3E+03			2.3E+03
			5.0E-04	I							1.4E+09			1	0.1	MCPA	94-74-6					5.8E+02	1.4E+03		4.1E+02
			4.4E-03	O							1.4E+09			1	0.1	MCPB	94-81-5					5.1E+03	1.2E+04		3.6E+03
			1.0E-03	I							1.4E+09			1	0.1	MCPP	93-65-2					1.2E+03	2.8E+03		8.2E+02
			2.0E-02	I							1.4E+09			1	0.1	Malathion	121-75-5					2.3E+04	5.5E+04		1.6E+04
			1.0E-01	I	7.0E-04	C					1.4E+09			1	0.1	Maleic Anhydride	108-31-6					1.2E+05	2.8E+05	4.2E+06	8.0E+04
			5.0E-01	I							1.4E+09			1	0.1	Maleic Hydrazide	123-33-1					5.8E+05	1.4E+06		4.1E+05
			1.0E-04	P							1.4E+09			1	0.1	Malononitrile	109-77-3					1.2E+02	2.8E+02		8.2E+01
			3.0E-02	H							1.4E+09			1	0.1	Mancozeb	8018-01-7								

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ²	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	o l i g e n	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
1.1E-02	P			4.0E-03	P						1.4E+09			1	0.1	Mercaptobenzothiazole, 2- Mercury Compounds ~Mercuric Chloride (and other Mercury salts)	149-30-4 7487-94-7	3.0E+02	7.0E+02		2.1E+02	4.7E+03	1.1E+04		3.3E+03
				3.0E-04	I	3.0E-04	S				1.4E+09		0.07								3.5E+02		1.8E+06	3.5E+02	
				1.0E-04	I			3.0E-04	I V		1.4E+09	3.5E+04	1			~Mercury (elemental) ~Methyl Mercury ~Phenylmercuric Acetate	7439-97-6 22967-92-6 62-38-4					1.2E+02			1.2E+02
				8.0E-05	I						1.4E+09			1	0.1						9.3E+01	2.2E+02		6.6E+01	
				3.0E-05	I				V		1.4E+09	1.9E+06	1			Merphos Merphos Oxide Metalaxyl	150-50-5 78-48-8 57837-19-1					3.5E+01			3.5E+01
				1.0E-04	O						1.4E+09			1	0.1						1.2E+02	2.8E+02		8.2E+01	
				6.0E-02	I						1.4E+09			1	0.1						7.0E+04	1.7E+05		4.9E+04	
				1.0E-04	I	3.0E-02	P V			4.6E+03	1.4E+09	6.8E+03	1			Methacrylonitrile Methamidophos Methanol	126-98-7 10265-92-6 67-56-1					1.2E+02		8.9E+02	1.0E+02
				5.0E-05	I						1.4E+09			1	0.1						5.8E+01	1.4E+02		4.1E+01	
				2.0E+00	I	2.0E+01	I V			1.1E+05	1.4E+09	2.9E+04	1							2.3E+06	2.5E+06		1.2E+06		
				1.5E-03	O						1.4E+09			1	0.1	Methidathion Methomyl Methoxy-5-nitroaniline, 2-	950-37-8 16752-77-5 99-59-2					1.8E+03	4.1E+03		1.2E+03
4.9E-02	C	1.4E-05	C	2.5E-02	I						1.4E+09			1	0.1			6.7E+01	1.6E+02	1.2E+06	4.7E+01	2.9E+04	6.9E+04		2.1E+04
				5.0E-03	I						1.4E+09			1	0.1	Methoxychlor Methoxyethanol Acetate, 2- Methoxyethanol, 2-	72-43-5 110-49-6 109-86-4					5.8E+03	1.4E+04		4.1E+03
				8.0E-03	P	1.0E-03	P V			1.2E+05	1.4E+09	1.2E+05	1								9.3E+03		5.4E+02	5.1E+02	
				5.0E-03	P	2.0E-02	I V			1.1E+05	1.4E+09	1.0E+05	1								5.8E+03		8.8E+03	3.5E+03	
				1.0E+00	X			V		2.9E+04	1.4E+09	8.1E+03	1			Methyl Acetate Methyl Acrylate Methyl Ethyl Ketone (2-Butanone)	79-20-9 96-33-3 78-93-3					1.2E+06			1.2E+06
						2.0E-02	P V			6.8E+03	1.4E+09	7.0E+03	1										6.1E+02	6.1E+02	
				6.0E-01	I	5.0E+00	I V			2.8E+04	1.4E+09	1.2E+04	1								7.0E+05		2.7E+05	1.9E+05	
				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 Methyl Isobutyl Ketone (4-methyl-2-pentanone) Methyl Isocyanate	60-34-4 108-10-1 624-83-9			6.2E-01	6.2E-01	1.2E+03		4.4E+00	4.4E+00
						3.0E+00	I V			3.4E+03	1.4E+09	1.1E+04	1										1.4E+05	1.4E+05	
						1.0E-03	C V			1.0E+04	1.4E+09	4.4E+03	1										1.9E+01	1.9E+01	
				1.4E+00	I	7.0E-01	I V			2.4E+03	1.4E+09	6.3E+03	1			Methyl Methacrylate Methyl Parathion Methyl Phosphonic Acid	80-62-6 298-00-0 993-13-5					1.6E+06		1.9E+04	1.9E+04
				2.5E-04	I						1.4E+09			1	0.1						2.9E+02	6.9E+02		2.1E+02	
				6.0E-02	X						1.4E+09			1	0.1						7.0E+04	1.7E+05		4.9E+04	
				6.0E-03	H	4.0E-02	H V			3.9E+02	1.4E+09	2.4E+04	1			Methyl Styrene (Mixed Isomers) Methyl methanesulfonate Methyl tert-Butyl Ether (MTBE)	25013-15-4 66-27-3 1634-04-4					7.0E+03		4.3E+03	2.6E+03
9.9E-02	C	2.8E-05	C								1.4E+09			1	0.1			3.3E+01	7.8E+01	6.0E+05	2.3E+01				
1.8E-03	C	2.6E-07	C			3.0E+00	I V			8.9E+03	1.4E+09	4.9E+03	1					1.8E+03		2.3E+02	2.1E+02		6.4E+04	6.4E+04	
				3.0E-04	X						1.4E+09			1	0.1	Methyl-1,4-benzenediamine dihydrochloride, 2- Methyl-2-Pentanol, 4- Methyl-5-Nitroaniline, 2-	615-45-2 108-11-2 99-58-8					3.5E+02	8.3E+02		2.5E+02
						3.0E+00	X V			2.5E+03	1.4E+09	1.7E+04	1										2.3E+05	2.3E+05	
9.0E-03	P			2.0E-02	X						1.4E+09			1	0.1			3.6E+02	8.6E+02		2.6E+02	2.3E+04	5.5E+04		1.6E+04
8.3E+00	C	2.4E-03	C								1.4E+09			1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N- Methylaniline Hydrochloride, 2- Methylarsonic acid	70-25-7 636-21-5 124-58-3	3.9E-01	9.3E-01	6.9E+03	2.8E-01				
1.3E-01	C	3.7E-05	C								1.4E+09			1	0.1			2.5E+01	5.9E+01	4.5E+05	1.8E+01				
				1.0E-02	A						1.4E+09			1	0.1							1.2E+04	2.8E+04		8.2E+03
				2.0E-04	X						1.4E+09			1	0.1	Methylbenzene, 1,4-diamine monohydrochloride, 2- Methylbenzene-1,4-diamine sulfate, 2- Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5					2.3E+02	5.5E+02		1.6E+02
1.0E-01	X			3.0E-04	X						1.4E+09			1	0.1			3.3E+01	7.7E+01		2.3E+01	3.5E+02	8.3E+02		2.5E+02
2.2E+01	C	6.3E-03	C					M			1.4E+09			1	0.1			1.5E-01	3.5E-01	2.6E+03	1.0E-01				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I V	M	3.3E+03	1.4E+09	2.2E+03	1				Methylene Chloride Methylene-bis(2-chloroaniline), 4,4'- Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	75-09-2 101-14-4 101-61-1	1.6E+03		2.7E+03	1.0E+03	7.0E+03		5.8E+03	3.2E+03
1.0E-01	P	4.3E-04	C	2.0E-03	P			M			1.4E+09			1	0.1			3.3E+01	7.7E+01	3.9E+04	2.3E+01	2.3E+03	5.5E+03		1.6E+03
4.6E-02	I	1.3E-05	C								1.4E+09			1	0.1			7.1E+01	1.7E+02	1.3E+06	5.0E+01				
1.6E+00	C	4.6E-04	C			2.0E-02	C				1.4E+09			1	0.1	Methylenediphenylamine, 4,4'- Methylenediphenyl Diisocyanate Methylstyrene, Alpha-	101-77-9 101-68-8 98-83-9	2.0E+00	4.8E+00	3.6E+04	1.4E+00			1.2E+08	1.2E+08
				6.0E-04	I						1.4E+09			1	0.1								3.6E+06	3.6E+06	
				7.0E-02	H			V	5.0E+02		1.4E+09	1.3E+04	1								8.2E+04		8.2E+04		
				1.5E-01	I						1.4E+09			1	0.1	Metolachlor Metribuzin Metsulfuron-methyl	51218-45-2 21087-64-9 74223-64-6					1.8E+05	4.1E+05		1.2E+05
				2.5E-02	I						1.4E+09			1	0.1						2.9E+04	6.9E+04		2.1E+04	
				2.5E-01	I						1.4E+09			1	0.1						2.9E+05	6.9E+05		2.1E+05	
				3.0E+00	P			V	3.4E-01		1.4E+09	1.4E+03	1			Mineral oils Mirex Molinate	8012-95-1 2385-85-5 2212-67-1					3.5E+06			3.5E+06
1.8E+01	C	5.1E-03	C	2.0E-04	I			V			1.4E+09	8.6E+05	1					1.8E-01		2.1E+00	1.7E-01	2.3E+02		2.3E+02	
				2.0E-03	I						1.4E+09			1	0.1						2.3E+03	5.5E+03		1.6E+03	
				5.0E-03	I						1.4E+09			1		Molybdenum Monochloramine Monomethylamine	7439-								

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³) ¹	k _e (y)	RfD ₀ (mg/kg-day)	k _e (y)	RF _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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
				1.0E-01	I					1.4E+09				Nitrate + Nitrite (as N)	E701177								
				1.4E+09						1.4E+09				Nitrite	14797-65-0					1.2E+05			1.2E+05
				1.0E-02	X	5.0E-05	X			1.4E+09			1	Nitroaniline, 2-	88-74-4					1.2E+04	2.8E+04	3.0E+05	8.0E+03
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.4E+09			1	Nitroaniline, 4-	100-01-6	1.6E+02	3.9E+02		1.1E+02	4.7E+03	1.1E+04	3.6E+07	3.3E+03
		4.0E-05	I	2.0E-03	I	9.0E-03	I V		3.1E+03	1.4E+09	7.3E+04		1	Nitrobenzene	98-95-3			2.2E+01	2.2E+01	2.3E+03		2.9E+03	1.3E+03
				3.0E+03	P					1.4E+09			1	Nitrocellulose	9004-70-0					3.5E+09	8.3E+09		2.5E+09
1.3E+00	C	3.7E-04	C	7.0E-02	H					1.4E+09			1	Nitrofurantoin	67-20-9					8.2E+04	1.9E+05		5.7E+04
				1.4E+09						1.4E+09			1	Nitrofurazone	59-87-0	2.5E+00	5.9E+00	4.5E+04	1.8E+00				
1.7E-02	P			1.0E-04	P					1.4E+09			1	Nitroglycerin	55-63-0	1.9E+02	4.5E+02		1.4E+02	1.2E+02	2.8E+02		8.2E+01
				1.0E-01	I					1.4E+09			1	Nitroguanidine	556-88-7					1.2E+05	2.8E+05		8.2E+04
		8.8E-06	P			5.0E-03	P V		1.8E+04	1.4E+09	1.7E+04		1	Nitromethane	75-52-5			2.4E+01	2.4E+01			3.7E+02	3.7E+02
		2.7E-03	H			2.0E-02	I V		4.9E+03	1.4E+09	1.3E+04		1	Nitropropane, 2-	79-46-9			6.0E-02	6.0E-02			1.2E+03	1.2E+03
2.7E+01	C	7.7E-03	C							1.4E+09			1	Nitroso-N-ethylurea, N-	759-73-9	1.2E-01	2.9E-01	2.2E+03	8.5E-02				
1.2E+02	C	3.4E-02	C							1.4E+09			1	Nitroso-N-methylurea, N-	684-93-5	2.7E-02	6.4E-02	4.9E+02	1.9E-02				
										1.4E+09			1	Nitroso-di-N-butylamine, N-	924-16-3	6.1E-01		1.9E+00	4.6E-01				
5.4E+00	I	1.6E-03	I							1.4E+09			1	Nitroso-di-N-propylamine, N-	621-64-7	4.7E-01	1.1E+00	8.3E+03	3.3E-01				
7.0E+00	I	2.0E-03	C							1.4E+09			1	Nitrosodiethanolamine, N-	1116-54-7	1.2E+00	2.8E+00	2.1E+04	8.2E-01				
2.8E+00	I	8.0E-04	C							1.4E+09			1	Nitrosodimethylamine, N-	55-18-5	2.2E-02	5.2E-02	3.9E+02	1.5E-02				
1.5E+02	I	4.3E-02	I							1.4E+09			1	Nitrosodimethylamine, N-	62-75-9	6.4E-02		7.2E-02	3.4E-02	9.3E+00		1.4E+01	5.7E+00
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X V		2.4E+05	1.4E+09	8.2E+04		1	Nitrosodiphenylamine, N-	86-30-6	6.7E+02	1.6E+03	6.4E+06	4.7E+02				
4.9E-03	I	2.6E-06	C							1.4E+09			1	Nitrosomethylethylamine, N-	10595-95-6	1.5E-01		2.4E-01	9.1E-02				
2.2E+01	I	6.3E-03	C						1.1E+05	1.4E+09	1.2E+05		1	Nitrosomorpholine [N-]	59-89-2	4.9E-01	1.2E+00	8.8E+03	3.4E-01				
6.7E+00	C	1.9E-03	C							1.4E+09			1	Nitrosopiperidine [N-]	100-75-4	3.5E-01	8.2E-01	6.2E+03	2.4E-01				
9.4E+00	C	2.7E-03	C							1.4E+09			1	Nitrosopyrrolidine, N-	930-55-2	1.6E+00	3.7E+00	2.7E+04	1.1E+00				
2.1E+00	I	6.1E-04	I							1.4E+09			1	Nitrotoluene, m-	99-08-1					1.2E+02	2.8E+02		8.2E+01
2.2E-01	P			1.0E-04	X					1.4E+09			1	Nitrotoluene, o-	88-72-2	1.5E+01		1.5E+01		1.1E+03			1.1E+03
1.6E-02	P			9.0E-04	P				1.5E+03	1.4E+09	1.4E+05		1	Nitrotoluene, p-	99-99-0	2.0E+02	4.8E+02		1.4E+02	4.7E+03	1.1E+04		3.3E+03
				3.0E-04	X	2.0E-02	P V		6.9E+00	1.4E+09	1.0E+03		1	Nonane, n-	111-84-2					3.5E+02		9.1E+01	7.2E+01
				1.5E-02	O					1.4E+09			1	Norflurazon	27314-13-2					1.8E+04	4.1E+04		1.2E+04
				3.0E-03	I					1.4E+09			1	Octabromodiphenyl Ether	32536-52-0					3.5E+03	8.3E+03		2.5E+03
				5.0E-02	I					1.4E+09		0.006	1	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					5.8E+04	2.3E+06		5.7E+04
				2.0E-03	H					1.4E+09			1	Octamethylphosphoramide	152-16-9					2.3E+03	5.5E+03		1.6E+03
7.8E-03	O			1.4E-01	O					1.4E+09			1	Oryzalin	19044-88-3	4.2E+02	9.9E+02		2.9E+02	1.6E+05	3.9E+05		1.1E+05
				5.0E-03	I					1.4E+09			1	Oxadiazon	19666-30-9					5.8E+03	1.4E+04		4.1E+03
				2.5E-02	I					1.4E+09			1	Oxamyl	23135-22-0					2.9E+04	6.9E+04		2.1E+04
7.3E-02	O			3.0E-02	O					1.4E+09			1	Oxyfluorfen	42874-03-3	4.5E+01	1.1E+02		3.1E+01	3.5E+04	8.3E+04		2.5E+04
				1.3E-02	I					1.4E+09			1	Paclobutrazol	76738-62-0					1.5E+04	3.6E+04		1.1E+04
				4.5E-03	I					1.4E+09			1	Paraquat Dichloride	1910-42-5					5.3E+03	1.2E+04		3.7E+03
				6.0E-03	H					1.4E+09			1	Parathion	56-38-2					7.0E+03	1.7E+04		4.9E+03
				5.0E-02	H					1.4E+09	4.5E+04		1	Pebutate	1114-71-2					5.8E+04			5.8E+04
				3.0E-02	O					1.4E+09			1	Pendimethalin	40487-42-1					3.5E+04	8.3E+04		2.5E+04
				2.0E-03	I				3.1E-01	1.4E+09	5.1E+05		1	Pentabromodiphenyl Ether	32534-81-9					2.3E+03			2.3E+03
				1.0E-04	I					1.4E+09			1	Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9					1.2E+02	2.8E+02		8.2E+01
				8.0E-04	I					1.4E+09	8.1E+04		1	Pentachlorobenzene	608-93-5					9.3E+02			9.3E+02
9.0E-02	P								4.6E+02	1.4E+09	9.6E+03		1	Pentachloroethane	76-01-7	3.6E+01			3.6E+01				
2.6E-01	H			3.0E-03	I					1.4E+09	4.3E+05		1	Pentachloronitrobenzene	82-68-8	1.3E+01			1.3E+01	3.5E+03			3.5E+03
4.0E-01	I	5.1E-06	C	5.0E-03	I					1.4E+09			0.25	Pentachlorophenol	87-86-5	8.2E+00	7.7E+00	3.3E+06	4.0E+00	5.8E+03	5.5E+03		2.8E+03
4.0E-03	X			2.0E-03	P				1.0E+00	1.4E+09			1	Pentaerythritol tetranitrate (PETN)	78-11-5	8.2E+02	1.9E+03		5.7E+02	2.3E+03	5.5E+03		1.6E+03
									3.9E+02	1.4E+09	7.8E+02		1	Pentane, n-Perchlorates	109-66-0							3.4E+03	3.4E+03
				7.0E-04	I					1.4E+09			1	-Ammonium Perchlorate	7790-98-9					8.2E+02			8.2E+02
				7.0E-04	I					1.4E+09			1	-Lithium Perchlorate	7791-03-9					8.2E+02			8.2E+02
				7.0E-04	I					1.4E+09			1	-Perchlorate and Perchlorate Salts	14797-73-0					8.2E+02			8.2E+02
				7.0E-04	I					1.4E+09			1	-Potassium Perchlorate	7778-74-7					8.2E+02			8.2E+02
				7.0E-04	I					1.4E+09			1	-Sodium Perchlorate	7601-89-0					8.2E+02			8.2E+02
				2.0E-02	P					1.4E+09			0.1	Perfluorobutane sulfonic acid (PFBS)	375-73-5					2.3E+04	5.5E+04		1.6E+04
				2.0E-02	P					1.4E+09			1	Perfluorobutanesulfonate	45187-15-3					2.3E+04	5.5E+04		1.6E+04
2.2E-03	C	6.3E-07	C	5.0E-02	I					1.4E+09			1	Permethrin	52645-53-1	1.5E+03	3.5E+03	2.6E+07	1.0E+03	5.8E+04	1.4E+05		4.1E+04
										1.4E+09			1	Phenacetin	62-44-2								
				2.4E-01	O					1.4E+09			1	Phenmedipham	13684-63-4					2.8E+05	6.6E+05		2.0E+05
				3.0E-01	I	2.0E-01	C			1.4E+09			1	Phenol	108-95-2					3.5E+05	8.3E+05	1.2E+09	2.5E+05
				4.0E-03	I					1.4E+09			1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					4.7E+03	1.1E+04		3.3E+03
				5.0E-04	X					1.4E+09			1	Phenothiazine	92-84-2					5.8E+02	1.4E+03		4.1E+02
				2.0E-04	X				1.3E+02	1.4E+09	7.1E+03		1	Phenyl Isothiocyanate	103-72-0					2.3E+02			2.3E+02
				6.0E-03	I					1.4E+09			1	Phenylenediamine, m-	108-45-2					7.0E+03	1.7E+04		4.9E+03
1.2E-01	P			4.0E-03	P					1.4E+09			1	Phenylenediamine, o-	95-54-5	2.7E+01	6.4E+01		1.9E+01	4.7E+03	1.1E+04		3.3E+03
				1.0E-03	X					1.4E+09			1	Phenylenediamine, p-	106-50-3					1.2E+03	2.8E+03		8.2E+02
1.9E-03	H									1.4E+09			1	Phenylphenol, 2-	90-43-7	1.7E+03</							

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 Hazard Index (HI) = 1						
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ²	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	Vol 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)			
				2.0E-02	I					1.4E+09		1	0.1	Phosmet	732-11-6					2.3E+04	5.5E+04		1.6E+04			
				4.9E+01	P					1.4E+09		1		Phosphates, Inorganic							5.7E+07		5.7E+07			
				4.9E+01	P					1.4E+09		1		-Aluminum metaphosphate	13776-88-0					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Ammonium polyphosphate	68333-79-9					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Calcium pyrophosphate	7790-76-3					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Diammonium phosphate	7783-28-0					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Dicalcium phosphate	7757-93-9					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Dimagnesium phosphate	7782-75-4					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Dipotassium phosphate	7758-11-4					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Disodium phosphate	7558-79-4					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Monoaluminum phosphate	13530-50-2					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Monoammonium phosphate	7722-76-1					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Monocalcium phosphate	7758-23-8					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Monomagnesium phosphate	7757-86-0					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Monopotassium phosphate	7778-77-0					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Monosodium phosphate	7558-80-7					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Polyphosphoric acid	8017-16-1					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Potassium triphosphate	13845-36-8					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium acid pyrophosphate	7758-16-9					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium aluminum phosphate (acidic)	7785-88-8					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium aluminum phosphate (anhydrous)	10279-59-1					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium hexametaphosphate	10124-56-8					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium polyphosphate	68915-31-1					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium trimetaphosphate	7785-84-4					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Sodium triphosphate	7758-29-4					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Tetrapotassium phosphate	7320-34-5					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Tetrasodium pyrophosphate	7722-88-5					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Tricalcium phosphate	7758-87-4					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Trimagnesium phosphate	7757-87-1					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Tripotassium phosphate	7778-53-2					5.7E+07			5.7E+07			
				4.9E+01	P					1.4E+09		1		-Trisodium phosphate	7601-54-9					5.7E+07			5.7E+07			
				3.0E-04	I	3.0E-04	I	V		1.4E+09		1		Phosphine	7803-51-2					3.5E+02		1.8E+06	3.5E+02			
				4.9E+01	P	1.0E-02	I			1.4E+09		1		Phosphoric Acid	7664-38-2					5.7E+07		6.0E+07	2.9E+07			
				2.0E-05	I			V		1.4E+09	6.9E+03	1		Phosphorus, White	7723-14-0					2.3E+01			2.3E+01			
														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	2.3E+02	5.5E+02	6.9E+06	1.6E+02	2.3E+04	5.5E+04		1.6E+04			
1.9E-03	P			2.0E-01	I					1.4E+09		1	0.1	-Butyl Benzyl Phthalate	85-68-7	1.7E+03	4.1E+03		1.2E+03	2.3E+05	5.5E+05		1.6E+05			
				1.0E+00	I					1.4E+09		1	0.1	-Butylphthalyl Butylglycolate	85-70-1					1.2E+06	2.8E+06		8.2E+05			
				1.0E-01	I					1.4E+09		1	0.1	-Dibutyl Phthalate	84-74-2					1.2E+05	2.8E+05		8.2E+04			
				8.0E-01	I					1.4E+09		1	0.1	-Diethyl Phthalate	84-66-2					9.3E+05	2.2E+06		6.6E+05			
				1.0E-01	I			V		1.4E+09	2.1E+04	1		-Dimethylterephthalate	120-61-6					1.2E+05			1.2E+05			
				1.0E-02	P					1.4E+09		1	0.1	-Octyl Phthalate, di-N-	117-84-0					1.2E+04	2.8E+04		8.2E+03			
				1.0E+00	H					1.4E+09		1	0.1	-Phthalic Acid, P-	100-21-0					1.2E+06	2.8E+06		8.2E+05			
				2.0E+00	I	2.0E-02	C			1.4E+09		1	0.1	-Phthalic Anhydride	85-44-9					2.3E+06	5.5E+06	1.2E+08	1.6E+06			
				7.0E-02	I					1.4E+09		1	0.1	Picloram	1918-02-1					8.2E+04	1.9E+05		5.7E+04			
				1.0E-04	X					1.4E+09		1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.2E+02	2.8E+02		8.2E+01			
				9.0E-04	X					1.4E+09		1	0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.1E+03	2.5E+03		7.4E+02			
				6.7E-05	O					1.4E+09		1	0.1	Pirimiphos, Methyl	29232-93-7					7.8E+01	1.8E+02		5.5E+01			
3.0E+01	C	8.6E-03	C	7.0E-06	H					1.4E+09		1	0.1	Polybrominated Biphenyls	59536-65-1	1.1E-01	2.6E-01	1.9E+03	7.7E-02	8.2E+00	1.9E+01		5.7E+00			
														Polychlorinated Biphenyls (PCBs)												
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	4.7E+01	7.9E+01	4.4E+02	2.7E+01	8.2E+01	1.4E+02		5.1E+01			
2.0E+00	S	5.7E-04	S					V		1.4E+09	2.0E+05	1	0.14	-Aroclor 1221	11104-28-2	1.6E+00	2.8E+00	4.4E+00	8.3E-01							
2.0E+00	S	5.7E-04	S					V		1.4E+09	1.1E+05	1	0.14	-Aroclor 1232	11141-16-5	1.6E+00	2.8E+00	2.4E+00	7.2E-01							
2.0E+00	S	5.7E-04	S					V		1.4E+09	5.9E+05	1	0.14	-Aroclor 1242	53469-21-9	1.6E+00	2.8E+00	1.3E+01	9.5E-01							
2.0E+00	S	5.7E-04	S					V		1.4E+09	6.3E+05	1	0.14	-Aroclor 1248	12672-29-6	1.6E+00	2.8E+00	1.3E+01	9.5E-01							

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ²	k e y	RfD ₀ (mg/kg-day)	k e y	RF _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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
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	1.6E+00	2.8E+00	1.1E+01	9.4E-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	2.5E-01	4.2E-01	4.4E+03	1.6E-01	8.2E+00	1.4E+01	2.4E+06	5.1E+00
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	8.4E-02	1.4E-01	5.5E-01	4.8E-02	2.7E+00	4.6E+00	3.0E+02	1.7E+00
						6.0E-04	I			1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+06	3.6E+06
				6.0E-02	I			V		1.4E+09	1.4E+05	1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)									
				3.0E-01	I			V		1.4E+09	5.2E+05	1	0.13	~Acenaphthene	83-32-9					7.0E+04	1.3E+05		4.5E+04
								V		1.4E+09		1	0.13	~Anthracene	120-12-7					3.5E+05	6.4E+05		2.3E+05
1.0E-01	E	6.0E-05	E					V	M	1.4E+09	4.4E+06	1	0.13	~Benz[a]anthracene	56-55-3	3.3E+01	5.9E+01	9.0E+02	2.1E+01				
1.2E+00	C	1.1E-04	C					V		1.4E+09		1	0.13	~Benzo[j]fluoranthene	205-82-3	2.7E+00	5.0E+00	1.5E+05	1.8E+00				
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I	M		1.4E+09		1	0.13	~Benzo[a]pyrene	50-32-8	3.3E+00	5.9E+00	2.8E+04	2.1E+00	3.5E+02	6.4E+02	1.2E+04	2.2E+02
1.0E-01	E	6.0E-05	E					M		1.4E+09		1	0.13	~Benzo[b]fluoranthene	205-99-2	3.3E+01	5.9E+01	2.8E+05	2.1E+01				
1.0E-02	E	6.0E-06	E					M		1.4E+09		1	0.13	~Benzo[k]fluoranthene	207-08-9	3.3E+02	5.9E+02	2.8E+06	2.1E+02				
				8.0E-02	I			V		1.4E+09	8.0E+04	1	0.13	~Chloronaphthalene, Beta-	91-58-7					9.3E+04	1.7E+05		6.0E+04
1.0E-03	E	6.0E-07	E					M		1.4E+09		1	0.13	~Chrysene	218-01-9	3.3E+03	5.9E+03	2.8E+07	2.1E+03				
1.0E+00	E	6.0E-04	E					M		1.4E+09		1	0.13	~Dibenz[a,h]anthracene	53-70-3	3.3E+00	5.9E+00	2.8E+04	2.1E+00				
1.2E+01	C	1.1E-03	C							1.4E+09		1	0.13	~Dibenzo(a,e)pyrene	192-65-4	2.7E-01	5.0E-01	1.5E+04	1.8E-01				
2.5E+02	C	7.1E-02	C					M		1.4E+09		1	0.13	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.3E-02	2.4E-02	2.3E+02	8.4E-03				
				4.0E-02	I					1.4E+09		1	0.13	~Fluoranthene	206-44-0					4.7E+04	8.5E+04		3.0E+04
				4.0E-02	I			V		1.4E+09	2.8E+05	1	0.13	~Fluorene	86-73-7					4.7E+04	8.5E+04		3.0E+04
1.0E-01	E	6.0E-05	E					M		1.4E+09		1	0.13	~Indeno[1,2,3-cd]pyrene	193-39-5	3.3E+01	5.9E+01	2.8E+05	2.1E+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	1.1E+02	2.0E+02		7.3E+01	8.2E+04	1.5E+05		5.3E+04
				4.0E-03	I			V		1.4E+09	5.8E+04	1	0.13	~Methylnaphthalene, 2-	91-57-6					4.7E+03	8.5E+03		3.0E+03
		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			1.7E+01	1.7E+01	2.3E+04	4.2E+04	6.1E+02	5.9E+02
1.2E+00	C	1.1E-04	C					V		1.4E+09		1	0.13	~Nitropyrene, 4-	57835-92-4	2.7E+00	5.0E+00	1.5E+05	1.8E+00				
				3.0E-02	I			V		1.4E+09	2.4E+06	1	0.13	~Pyrene	129-00-0					3.5E+04	6.4E+04		2.3E+04
1.5E-01	I			2.0E-02	P					1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3					2.3E+04	5.5E+04		1.6E+04
				9.0E-03	I					1.4E+09		1	0.1	Prochloraz	67747-09-5					1.1E+04	2.5E+04		7.4E+03
				6.0E-03	H			V		1.4E+09	4.2E+05	1		Profluralin	26399-36-0	2.2E+01	5.2E+01		1.5E+01	7.0E+03			7.0E+03
				1.5E-02	I					1.4E+09		1	0.1	Prometon	1610-18-0					1.8E+04	4.1E+04		1.2E+04
				4.0E-02	O					1.4E+09		1	0.1	Prometryn	7287-19-6					4.7E+04	1.1E+05		3.3E+04
				1.3E-02	I					1.4E+09		1	0.1	Propachlor	1918-16-7					1.5E+04	3.6E+04		1.1E+04
3.3E-02	O			5.0E-03	I					1.4E+09		1	0.1	Propanil	709-98-8					5.8E+03	1.4E+04		4.1E+03
				4.0E-02	O					1.4E+09		1	0.1	Propargite	2312-35-8	1.0E+02	2.4E+02		7.0E+01	4.7E+04	1.1E+05		3.3E+04
				2.0E-03	I			V	1.1E+05	1.4E+09	6.3E+04	1		Propargyl Alcohol	107-19-7					2.3E+03			2.3E+03
				2.0E-02	I					1.4E+09		1	0.1	Propazine	139-40-2					2.3E+04	5.5E+04		1.6E+04
				2.0E-02	I					1.4E+09		1	0.1	Propham	122-42-9					2.3E+04	5.5E+04		1.6E+04
				1.0E-01	O					1.4E+09		1	0.1	Propiconazole	60207-90-1					1.2E+05	2.8E+05		8.2E+04
				8.0E-03	I	V			3.3E+04	1.4E+09	8.9E+03	1		Propionaldehyde	123-38-6							3.1E+02	3.1E+02
				1.0E-01	X	1.0E+00	X	V	2.6E+02	1.4E+09	7.0E+03	1		Propyl benzene	103-65-1					1.2E+05			2.4E+04
					3.0E+00	C	V		3.5E+02	1.4E+09	7.0E+02	1		Propylene	115-07-1							9.3E+03	9.3E+03
				2.0E+01	P					1.4E+09		1	0.1	Propylene Glycol	57-55-6					2.3E+07	5.5E+07		1.6E+07
				2.7E-04	A					1.4E+09		1	0.1	Propylene Glycol Dinitrate	6423-43-4							1.6E+06	1.6E+06
				7.0E-01	H	2.0E+00	I	V	1.1E+05	1.4E+09	7.8E+04	1		Propylene Glycol Monomethyl Ether	107-98-2					8.2E+05		6.9E+05	3.7E+05
2.4E-01	I	3.7E-06	I			3.0E-02	I	V	7.8E+04	1.4E+09	1.0E+04	1		Propylene Oxide	75-56-9	1.4E+01		3.4E+01	9.7E+00			1.4E+03	1.4E+03
				7.5E-02	I					1.4E+09		1	0.1	Propyzamide	23950-58-5					8.8E+04	2.1E+05		6.2E+04
				1.0E-03	I			V	5.3E+05	1.4E+09	5.5E+04	1		Pyridine	110-86-1					1.2E+03			1.2E+03
3.0E+00	I			5.0E-04	I					1.4E+09		1	0.1	Quinalphos	13593-03-8					5.8E+02	1.4E+03		4.1E+02
										1.4E+09		1	0.1	Quinoline	91-22-5	1.1E+00	2.6E+00		7.7E-01				
				9.0E-03	I					1.4E+09		1	0.1	Quizalofop-ethyl	76578-14-8					1.1E+04	2.5E+04		7.4E+03
						3.0E-02	A			1.4E+09		1		Refractory Ceramic Fibers	E715557							1.8E+08	1.8E+08
				3.0E-02	I					1.4E+09		1	0.1	Resmethrin	10453-86-8					3.5E+04	8.3E+04		2.5E+04
				5.0E-02	H			V		1.4E+09	4.6E+05	1		Ronnel	299-84-3					5.8E+04			5.8E+04
2.2E-01	C	6.3E-05	C							1.4E+09		1	0.1	Rotenone	83-79-4	1.5E+01	3.5E+01	2.6E+05	1.0E+01	4.7E+03	1.1E+04		3.3E+03
				5.0E-03	I					1.4E+09		1	0.1	Safrole	94-59-7					5.8E+03			5.8E+03
										1.4E+09		1		Selenious Acid	7783-00-8								
				5.0E-03	I	2.0E-02	C			1.4E+09		1		Selenium	7782-49-2					5.8E+03		1.2E+08	5.8E+03
				5.0E-03	C	2.0E-02	C			1.4E+09		1		Selenium Sulfide	7446-34-6					5.8E+03		1.2E+08	5.8E+03
				1.4E-01	O					1.4E+09		1	0.1	Sethoxydim	74051-80-2					1.6E+05	3.9E+05		1.1E+05
						3.0E-03	C			1.4E+09		1		Silica (crystalline, respirable)	7631-86-9							1.8E+07	1.8E+07
1.2E-01	H			5.0E-03	I					1.4E+09		0.04		Silver	7440-22-4					5.8E+03			5.8E+03
										1.4E+09		1	0.1	Simazine	122-34-9	2.7E+01	6.4E+01		1.9E+01	5.8E+03	1.4E+04		4.1E+03
				1.3E-02	I					1.4E+09		1	0.1	Sodium Acifluorfen	62476-59-9					1.5E+04	3.6E+04		1.1E+04
				4.0E-03	I					1.4E+09		1		Sodium Azide	26628-22-8					4.7E+03			4.7E+03
2.7E-01	H			3.0E-02	I					1.4E+09		1	0.1	Sodium Diethyldithiocarbamate	148-18-5	1.2E+01	2.9E+01		8.5E+00	3.5E+04	8.3E+04		2.5E+04

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 celling 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 Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD ₀ (mg/kg-day)	k e y	RfC ₁ (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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
2.4E-02	H			8.0E-04 3.0E-02	P I					1.4E+09 1.4E+09		1 1	0.1	Sodium Tungstate Dihydrate Stirofos (Tetrachlorovinphos)	10213-10-2 961-11-5	1.4E+02	3.2E+02		9.6E+01	9.3E+02 3.5E+04	8.3E+04		9.3E+02 2.5E+04	
				6.0E-01 3.0E-04 2.0E-01	I I I					1.4E+09 1.4E+09 1.4E+09	9.3E+03	1 1 1	0.1	Strontium, Stable Strychnine Styrene	7440-24-6 57-24-9 100-42-5					7.0E+05 3.5E+02 2.3E+05	8.3E+02	4.1E+04	7.0E+05 2.5E+02 3.5E+04	
				3.0E-03 1.0E-03 8.0E-04	P P P	2.0E-03	X			1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1	Styrene-Acrylonitrile (SAN) Trimer Sulfolane Sulfonylbis(4-chlorobenzene), 1,1'-	126-33-0 80-07-9					3.5E+03 1.2E+03 9.3E+02	8.3E+03 2.8E+03 2.2E+03	1.2E+07	2.5E+03 8.2E+02 6.6E+02	
2.5E-02	I	7.1E-06	I	5.0E-02	H	1.0E-03 1.0E-03	C V C			1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1	Sulfur Trioxide Sulfuric Acid Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	7446-11-9 7664-93-9 140-57-8	1.3E+02	3.1E+02	2.3E+06	9.2E+01	5.8E+04 1.4E+05		6.0E+06 6.0E+06	6.0E+06 4.1E+04	
				3.0E-02 7.0E-02 2.0E-02	H I H					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1	TCMTB Tebuthiuron Temephos	21564-17-0 34014-18-1 3383-96-8					3.5E+04 8.2E+04 2.3E+04	8.3E+04 1.9E+05 5.5E+04		2.5E+04 5.7E+04 1.6E+04	
				1.3E-02 2.5E-05 1.0E-03	I H I			V	3.1E+01	1.4E+09 1.4E+09 1.4E+09	2.6E+05	1 1 1	0.1	Terbacil Terbufos Terbutryn	5902-51-2 13071-79-9 886-50-0					1.5E+04 2.9E+01 1.2E+03	3.6E+04		1.1E+04 2.9E+01 8.2E+02	
2.6E-02	I	7.4E-06	I	3.0E-04 3.0E-02	I I			V	6.8E+02	1.4E+09 1.4E+09	5.1E+04 5.7E+03	1 1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) Tetrachlorobenzene, 1,2,4,5- Tetrachloroethane, 1,1,1,2-	5436-43-1 95-94-3 630-20-6	1.3E+02		9.4E+00	8.8E+00	1.2E+02 3.5E+02 3.5E+04	2.8E+02		8.2E+01 3.5E+02 3.5E+04	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V	1.9E+03	1.4E+09	1.5E+04	1		Tetrachloroethane, 1,1,2,2-	79-34-5	1.6E+01		3.2E+00	2.7E+00	2.3E+04			2.3E+04	
2.1E-03	I	2.6E-07	I	6.0E-03 3.0E-02	I I	4.0E-02	I V		1.7E+02	1.4E+09 1.4E+09	2.3E+03	1 1	0.1	Tetrachloroethylene Tetrachlorophenol, 2,3,4,6-	127-18-4 58-90-2	1.6E+03		1.1E+02	1.0E+02	7.0E+03 3.5E+04		4.1E+02	3.9E+02 2.5E+04	
2.0E+01	H			5.0E-04	I	8.0E+01	I V		2.1E+03	1.4E+09 1.4E+09 1.4E+09	1.1E+05 1.2E+03	1 1 1	0.1	Tetrachlorotoluene, p- alpha, alpha, alpha- Tetraethyl Dithiopyrophosphate Tetrafluoroethane, 1,1,1,2-	5216-25-1 3689-24-5 811-97-2	1.6E-01		1.6E-01		5.8E+02 1.4E+03		4.3E+05	4.1E+02 4.3E+05	
				2.0E-03 2.0E-05 1.0E-05	P S X					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.0007	Tetryl (Trinitrophenylmethylnitramine) Thallic Oxide Thallium (I) Nitrate	479-45-8 1314-32-5 10102-45-1					2.3E+03 2.3E+01 1.2E+01	8.5E+05		2.3E+03 2.3E+01 1.2E+01	
				1.0E-05 1.0E-05 2.0E-05	X X X					1.4E+09 1.4E+09 1.4E+09		1 1 1		Thallium (Soluble Salts) Thallium Acetate Thallium Carbonate	7440-28-0 563-68-8 6533-73-9					1.2E+01 1.2E+01 2.3E+01			1.2E+01 1.2E+01 2.3E+01	
				1.0E-05 1.0E-05 2.0E-05	X S X					1.4E+09 1.4E+09 1.4E+09		1 1 1		Thallium Chloride Thallium Selenite Thallium Sulfate	7791-12-0 12039-52-0 7446-18-6					1.2E+01 1.2E+01 2.3E+01			1.2E+01 1.2E+01 2.3E+01	
				4.3E-02 1.0E-02 7.0E-02	O I X					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.0075	Thifensulfuron-methyl Thiobencarb Thiodiglycol	79277-27-3 28249-77-6 111-48-8					5.0E+04 1.2E+04 8.2E+04	1.2E+05 2.8E+04 2.6E+06		3.5E+04 8.2E+03 7.9E+04	
1.2E-02	O			3.0E-04 2.7E-02 1.5E-02	H O O					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Thiofanox Thiophanate, Methyl Thiram	39196-18-4 23564-05-8 137-26-8	2.8E+02	6.7E+02		2.0E+02	3.5E+02 3.1E+04 1.8E+04	8.3E+02 7.4E+04 4.1E+04		2.5E+02 2.2E+04 1.2E+04	
				6.0E-01 8.0E-02	H I	1.0E-04 A V 5.0E+00 I V			8.2E+02	1.4E+09 1.4E+09 1.4E+09		1 1 1		Tin Titanium Tetrachloride Toluene	7440-31-5 7550-45-0 108-88-3					7.0E+05 9.3E+04		6.0E+05 9.4E+04	7.0E+05 6.0E+05 4.7E+04	
1.8E-01	X	1.1E-05 C 1.1E-05 C		2.0E-04	X	8.0E-06 C V 8.0E-06 C V			1.7E+03	1.4E+09 1.4E+09 1.4E+09	7.6E+05 6.3E+05	1 1 1	0.1	Toluene-2,4-diisocyanate Toluene-2,5-diamine Toluene-2,6-diisocyanate	584-84-9 95-70-5 91-08-7	1.8E+01	4.3E+01	8.5E+02 1.3E+01 7.0E+02	8.5E+02 7.0E+02	2.3E+02	5.5E+02	2.7E+01 4.6E+02 2.2E+01	2.7E+01 1.6E+02 2.2E+01	
1.6E-02 3.0E-02	P P	5.1E-05 C		5.0E-03 4.0E-03	P X					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Toluic Acid, p- Toluidine, o- (Methylaniline, 2-) Toluidine, p-	99-94-5 95-53-4 106-49-0	2.0E+02 1.1E+02	4.8E+02 2.6E+02	3.3E+05 7.7E+01	1.4E+02	5.8E+03 4.7E+03	1.4E+04 1.1E+04		4.1E+03 3.3E+03	
				3.0E+00 1.0E-02	P X	6.0E-01 P V 1.0E-01 P V				3.4E-01 1.4E+02 6.9E+00	1.4E+09 1.4E+09 1.4E+09	1.4E+03 8.3E+02 1.0E+03	1 1 1		Total Petroleum Hydrocarbons (Aliphatic High) Total Petroleum Hydrocarbons (Aliphatic Low) Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790670 E1790666 E1790668					3.5E+06 1.2E+04		2.2E+03 4.6E+02	3.5E+06 2.2E+03 4.4E+02
				4.0E-02 4.0E-03 4.0E-03	P P P	3.0E-02 P V 3.0E-03 P V			1.8E+03	1.4E+09 1.4E+09 1.4E+09	3.5E+03 5.2E+04	1 1 1	0.1	Total Petroleum Hydrocarbons (Aromatic High) Total Petroleum Hydrocarbons (Aromatic Low) Total Petroleum Hydrocarbons (Aromatic Medium)	E1790676 E1790672 E1790674					4.7E+04 4.7E+03 4.7E+03	1.1E+05		3.3E+04 4.2E+02 6.0E+02	
1.1E+00	I	3.2E-04 I		7.5E-03 3.0E-04	I A			V		1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1	Toxaphene Tralometrin Tri-n-butyltin	8001-35-2 66841-25-6 688-73-3	3.0E+00	7.0E+00	5.2E+04	2.1E+00	8.8E+03 3.5E+02	2.1E+04		6.2E+03 3.5E+02	
7.2E-02	O			8.0E+01 3.4E-02 2.5E-02	X O O					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1	Triacetin Triadimefon Triallate	102-76-1 43121-43-3 2303-17-5	4.6E+01			4.6E+01	9.3E+07 4.0E+04 2.9E+04	2.2E+08 9.4E+04		6.6E+07 2.8E+04 2.9E+04	
				1.0E-02 8.0E-03 5.0E-03	I I I					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1	Triasulfuron Tribenuron-methyl Tribromobenzene, 1,2,4-	82097-50-5 101200-48-0 615-54-3					1.2E+04 9.3E+03 5.8E+03	2.8E+04 2.2E+04		8.2E+03 6.6E+03 5.8E+03	
9.0E-03	P			9.0E-03 1.0E-02 3.0E-04	X P P					1.4E+09 1.4E+09 1.4E+09		1 1 1	0.1 0.1 0.1	Tribromophenol, 2,4,6- Tributyl Phosphate Tributyltin Compounds	118-79-6 126-73-8 E1790678	3.6E+02	8.6E+02		2.6E+02	1.1E+04 1.2E+04 3.5E+02	2.5E+04 2.8E+04 8.3E+02		7.4E+03 8.2E+03 2.5E+02	
				3.0E-04 3.0E+01	I I	5.0E+00 P V			9.1E+02	1.4E+09 1.4E+09	1.3E+03	1 1		Tributyltin Oxide Trichloro-1,2,2-trifluoroethane, 1,1,2-	56-35-9 76-13-1					3.5E+02 3.5E+07	8.3E+02	2.8E+04	2.5E+02 2.8E+04	

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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 Hazard Index (HI) = 1				
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	Vol 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
7.0E-02	I			2.0E-02	I					1.4E+09			0.1	Trichloroacetic Acid	76-03-9	4.7E+01	1.1E+02		3.3E+01	2.3E+04	5.5E+04		1.6E+04	
2.9E-02	H									1.4E+09			0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	1.1E+02	2.7E+02		7.9E+01					
7.0E-03	X			3.0E-05	X					1.4E+09			0.1	Trichloroaniline, 2,4,6-	634-93-5	4.7E+02	1.1E+03		3.3E+02	3.5E+01	8.3E+01		2.5E+01	
				8.0E-04	X			V		1.4E+09	3.2E+04		1	Trichlorobenzene, 1,2,3-	87-61-6					9.3E+02			9.3E+02	
2.9E-02	P			1.0E-02	I	2.0E-03	P V		4.0E+02	1.4E+09	3.0E+04		1	Trichlorobenzene, 1,2,4-	120-82-1	1.1E+02			1.1E+02	1.2E+04		2.6E+02	2.6E+02	
				2.0E+00	I	5.0E+00	I V		6.4E+02	1.4E+09	1.6E+03		1	Trichloroethane, 1,1,1-	71-55-6					2.3E+06		3.6E+04	3.6E+04	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X V		2.2E+03	1.4E+09	7.2E+03		1	Trichloroethane, 1,1,2-	79-00-5	5.7E+01		5.5E+00	5.0E+00	4.7E+03		6.3E+00	6.3E+00	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I V M		6.9E+02	1.4E+09	2.2E+03		1	Trichloroethylene	79-01-6	7.1E+01		6.6E+00	6.0E+00	5.8E+02		1.9E+01	1.9E+01	
				3.0E-01	I			V		1.2E+03	1.4E+09	1.0E+03		1	Trichlorofluoromethane	75-69-4			3.5E+05			3.5E+05		
				1.0E-01	I					1.4E+09			0.1	Trichlorophenol, 2,4,5-	95-95-4					1.2E+05	2.8E+05		8.2E+04	
1.1E-02	I	3.1E-06	I	1.0E-03	P					1.4E+09			0.1	Trichlorophenol, 2,4,6-	88-06-2	3.0E+02	7.0E+02	5.4E+06	2.1E+02	1.2E+03	2.8E+03		8.2E+02	
				1.0E-02	I					1.4E+09			0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.2E+04	2.8E+04		8.2E+03	
				8.0E-03	I					1.4E+09			0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					9.3E+03	2.2E+04		6.6E+03	
				5.0E-03	I			V		1.3E+03	1.4E+09	1.5E+04		1	Trichloropropane, 1,1,2-	598-77-6					5.8E+03		5.8E+03	
3.0E+01	I			4.0E-03	I	3.0E-04	I V M		1.4E+03	1.4E+09	1.6E+04		1	Trichloropropane, 1,2,3-	96-18-4	1.1E-01			1.1E-01	4.7E+03		2.1E+01	2.1E+01	
				3.0E-03	X	3.0E-04	P V		3.1E+02	1.4E+09	2.3E+03		1	Trichloropropene, 1,2,3-	96-19-5					3.5E+03		3.1E+00	3.1E+00	
				2.0E-02	A					1.4E+09			0.1	Tricresyl Phosphate (TCP)	1330-78-5					2.3E+04	5.5E+04		1.6E+04	
				3.0E-03	I					1.4E+09			0.1	Triphenylphosphine Oxide	58138-08-2					3.5E+03	8.3E+03		2.5E+03	
				7.0E-03	I V				2.8E+04	1.4E+09	1.6E+04		1	Triethylamine	121-44-8							4.8E+02	4.8E+02	
				2.0E+00	P					1.4E+09			0.1	Triethylene Glycol	112-27-6					2.3E+06	5.5E+06		1.6E+06	
7.7E-03	I			7.5E-03	I	2.0E+01	P V		4.8E+03	1.4E+09	7.1E+02		1	Trifluoroethane, 1,1,1-	420-46-2							6.2E+04	6.2E+04	
								V		1.4E+09	5.1E+05		1	Trifluralin	1582-09-8	4.2E+02			4.2E+02	8.8E+03			8.8E+03	
2.0E-02	P			1.0E-02	P					1.4E+09			0.1	Trimethyl Phosphate	512-56-1	1.6E+02	3.9E+02		1.1E+02	1.2E+04	2.8E+04		8.2E+03	
				1.0E-02	I	6.0E-02	I V		2.9E+02	1.4E+09	9.4E+03		1	Trimethylbenzene, 1,2,3-	526-73-8					1.2E+04		2.5E+03	2.0E+03	
				1.0E-02	I	6.0E-02	I V		2.2E+02	1.4E+09	7.9E+03		1	Trimethylbenzene, 1,2,4-	95-63-6					1.2E+04		2.1E+03	1.8E+03	
				1.0E-02	I	6.0E-02	I V		1.8E+02	1.4E+09	6.6E+03		1	Trimethylbenzene, 1,3,5-	108-67-8					1.2E+04		1.7E+03	1.5E+03	
				1.0E-02	X			V		3.0E+01	1.4E+09	1.0E+03		1	Trimethylpenteriène, 2,4,4-	25167-70-8					1.2E+04		1.2E+04	
				3.0E-02	I					1.4E+09			0.019	Trinitrobenzene, 1,3,5-	99-35-4					3.5E+04	4.4E+05		3.2E+04	
3.0E-02	I			5.0E-04	I					1.4E+09			0.032	Trinitrotoluene, 2,4,6-	118-96-7	1.1E+02	8.0E+02		9.6E+01	5.8E+02	4.3E+03		5.1E+02	
				2.0E-02	P					1.4E+09			0.1	Triphenylphosphine Oxide	791-28-6					2.3E+04	5.5E+04		1.6E+04	
				2.0E-02	A					1.4E+09			0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					2.3E+04	5.5E+04		1.6E+04	
				1.0E-02	X					1.4E+09			0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5					1.2E+04	2.8E+04		8.2E+03	
2.3E+00	C	6.6E-04	C					V		4.7E+02	1.4E+09	9.0E+05		1	Tris(2,3-dibromopropyl)phosphate	126-72-7	1.4E+00		1.7E+01	1.3E+00				
2.0E-02	P			7.0E-03	P					1.4E+09			0.1	Tris(2-chloroethyl)phosphate	115-96-8	1.6E+02	3.9E+02		1.1E+02	8.2E+03	1.9E+04		5.7E+03	
3.2E-03	P			1.0E-01	P					1.4E+09			0.1	Tris(2-ethylhexyl)phosphate	78-42-2	1.0E+03	2.4E+03		7.2E+02	1.2E+05	2.8E+05		8.2E+04	
				8.0E-04	P					1.4E+09			1	Tungsten	7440-33-7					9.3E+02			9.3E+02	
				2.0E-04	A	4.0E-05	A			1.4E+09			1	Uranium (Soluble Salts)	E715565					2.3E+02		2.4E+05	2.3E+02	
1.0E+00	C	2.9E-04	C					M		1.4E+09			0.1	Urethane	51-79-6	3.3E+00	7.7E+00	5.7E+04	2.3E+00					
		8.3E-03	P	9.0E-03	I	7.0E-06	P			1.4E+09		0.026		Vanadium Pentoxide	1314-62-1			2.0E+03	2.0E+03	1.1E+04	4.2E+04		8.4E+03	
				5.0E-03	S	1.0E-04	A			1.4E+09		0.026		Vanadium and Compounds	7440-62-2					5.9E+03	6.0E+05		5.8E+03	
				1.0E-03	I			V		1.4E+09	1.2E+05		1	Vernolate	1929-77-7					1.2E+03			1.2E+03	
				1.2E-03	O					1.4E+09			0.1	Vinclozolin	50471-44-8					1.4E+03	3.3E+03		9.8E+02	
				1.0E+00	H	2.0E-01	I V			2.8E+03	1.4E+09	4.4E+03		1	Vinyl Acetate	108-05-4					1.2E+06	3.9E+03	3.8E+03	
		3.2E-05	H			3.0E-03	I V			2.5E+03	1.4E+09	1.4E+03		1	Vinyl Bromide	593-60-2			5.2E-01	5.2E-01		1.8E+01	1.8E+01	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I V M			3.9E+03	1.4E+09	9.6E+02		1	Vinyl Chloride	75-01-4	4.5E+00		2.7E+00	1.7E+00	3.5E+03		4.2E+02	3.7E+02
				3.0E-04	I					1.4E+09			0.1	Warfarin	81-81-2					3.5E+02	8.3E+02		2.5E+02	
				2.0E-01	S	1.0E-01	S V			3.9E+02	1.4E+09	5.6E+03		1	Xylene, p-	106-42-3					2.3E+05	2.4E+03	2.4E+03	
				2.0E-01	S	1.0E-01	S V			3.9E+02	1.4E+09	5.5E+03		1	Xylene, m-	108-38-3					2.3E+05	2.4E+03	2.4E+03	
				2.0E-01	S	1.0E-01	S V			4.3E+02	1.4E+09	6.5E+03		1	Xylene, o-	95-47-6					2.3E+05	2.8E+03	2.8E+03	
				2.0E-01	I	1.0E-01	I V			2.6E+02	1.4E+09	5.7E+03		1	Xylenes	1330-20-7					2.3E+05	2.5E+03	2.5E+03	
				3.0E-04	I					1.4E+09			1	Zinc Phosphide	1314-84-7					3.5E+02			3.5E+02	
				3.0E-01	I					1.4E+09			1	Zinc and Compounds	7440-66-6					3.5E+05			3.5E+05	
				5.0E-02	I					1.4E+09			0.1	Zineb	12122-67-7					5.8E+04	1.4E+05		4.1E+04	
				8.0E-05	X					1.4E+09			1	Zirconium	7440-67-7					9.3E+01			9.3E+01	