

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #28; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v _o	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ALAR	1596-84-5	1.8E-02	C	5.1E-06	C	1.5E-01	I				1	0.1	1.4E+09				3.5E+01	1.1E+02	6.5E+05	2.7E+01	1.2E+04	4.2E+04	1.1E+03	9.2E+03
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I				1	0.1	1.4E+09				7.3E+01	2.3E+02		5.6E+01	3.1E+02	1.1E+03	2.4E+02	
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V	1		1.4E+09	9.5E+03	1.1E+05				1.1E+01	1.1E+01		8.9E+01	8.9E+01	
Acetochlor	34256-82-1					2.0E-02	I				1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V	1		1.4E+09	1.4E+04	1.1E+05						7.0E+04	4.4E+05	6.1E+04	6.1E+04
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V	1		1.4E+09	2.6E+04	1.1E+05						2.3E+02	1.6E+03	2.0E+02	2.0E+02
Acetonitrile	75-05-8							6.0E-02	I	V	1		1.4E+09	1.4E+04	1.3E+05							8.7E+02	8.7E+02	8.7E+02
Acetophenone	98-86-2					1.0E-01	I			V	1		1.4E+09	6.2E+04	2.3E+03						7.8E+03		7.8E+03	7.8E+03
Acetylaminofluorene, 2-	53-96-3	3.8E+00	C	1.3E-03	C						1	0.1	1.4E+09				1.7E-01	5.3E-01	2.5E+03	1.3E-01				
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V	1		1.4E+09	7.8E+03	2.5E+04						3.9E+01	1.6E-01	1.6E-01	1.6E-01
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I				1	0.1	1.4E+09				1.4E-01	4.5E-01	2.5E+03	1.1E-01	1.6E+01	5.6E+01		1.2E+01
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I		1	0.1	1.4E+09								3.9E+04	1.4E+05	1.4E+06	3.0E+04
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1		1.4E+09	8.2E+03	1.1E+04						3.1E+03	1.7E+01	1.7E+01	1.7E+01
Adiponitrile	111-69-3							6.0E-03	P		1	0.1	1.4E+09									8.5E+06	8.5E+06	8.5E+06
Alachlor	15972-60-8	5.8E-02	C			1.0E-02	I				1	0.1	1.4E+09				1.1E+01	3.6E+01		8.7E+00	7.8E+02	2.8E+03	6.1E+02	6.1E+02
Aldicarb	116-06-3					1.0E-03	I				1	0.1	1.4E+09								7.8E+01	2.8E+02	6.1E+01	6.1E+01
Aldicarb Sulfone	1646-88-4					1.0E-03	I				1	0.1	1.4E+09								7.8E+01	2.8E+02	6.1E+01	6.1E+01
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I				1	0.1	1.4E+09				3.8E-02	1.2E-01	6.8E+02	2.9E-02	2.3E+00	8.4E+00	1.8E+00	1.8E+00
Allyl	74223-64-6					2.5E-01	I				1	0.1	1.4E+09								2.0E+04	7.0E+04	1.5E+04	1.5E+04
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P		1	0.1	1.4E+09								3.9E+02	1.4E+03	4.3E+05	3.1E+02
Allyl Chloride	107-05-1	2.1E-02	C	6.0E-06	C			1.0E-03	I	V	1		1.4E+09	1.8E+03	1.5E+03		3.0E+01		7.1E-01	7.0E-01		1.8E+00	1.8E+00	1.8E+00
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P		1		1.4E+09								7.8E+04	7.1E+06	7.7E+04	7.7E+04
Aluminum Phosphide	20859-73-8					4.0E-04	I				1		1.4E+09								3.1E+01		3.1E+01	3.1E+01
Amdro	67485-29-4					3.0E-04	I				1	0.1	1.4E+09								2.3E+01	8.4E+01	1.8E+01	1.8E+01
Ametryn	834-12-8					9.0E-03	I				1	0.1	1.4E+09								7.0E+02	2.5E+03	5.5E+02	5.5E+02
Aminobiphenyl, 4-	92-67-1	2.1E+01	C	6.0E-03	C						1	0.1	1.4E+09				3.0E-02	9.6E-02	5.5E+02	2.3E-02				
Aminophenol, m-	591-27-5					8.0E-02	P				1	0.1	1.4E+09								6.3E+03	2.2E+04	4.9E+03	4.9E+03
Aminophenol, p-	123-30-8					2.0E-02	P				1	0.1	1.4E+09								1.6E+03	5.6E+03	1.2E+03	1.2E+03
Amitraz	33089-61-1					2.5E-03	I				1	0.1	1.4E+09								2.0E+02	7.0E+02	1.5E+02	1.5E+02
Ammonium Perchlorate	7790-98-9					7.0E-04	I				1		1.4E+09								5.5E+01		5.5E+01	5.5E+01
Ammonium Sulfamate	7773-06-0					2.0E-01	I				1		1.4E+09								1.6E+04		1.6E+04	1.6E+04
Aniline	62-53-3	5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	0.1	1.4E+09				1.1E+02	3.5E+02	2.1E+06	8.5E+01	5.5E+02	2.0E+03	1.4E+06	4.3E+02
Antimony (metallic)	7440-36-0					4.0E-04	I				0.15		1.4E+09								3.1E+01		3.1E+01	3.1E+01
Antimony Pentoxide	1314-60-9					5.0E-04	H				0.15		1.4E+09								3.9E+01		3.9E+01	3.9E+01
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H				0.15		1.4E+09								7.0E+01		7.0E+01	7.0E+01
Antimony Tetroxide	1332-81-6					4.0E-04	H				0.15		1.4E+09								3.1E+01		3.1E+01	3.1E+01
Antimony Trioxide	1309-64-4							2.0E-04	I		0.15		1.4E+09									2.8E+05		2.8E+05
Apollo	74115-24-5					1.3E-02	I				1	0.1	1.4E+09								1.0E+03	3.6E+03	7.9E+02	7.9E+02
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H				1	0.1	1.4E+09				2.6E+01	8.1E+01	4.7E+05	1.9E+01	3.9E+03	1.4E+04	3.1E+03	3.1E+03
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	0.03	1.4E+09				4.3E-01	4.5E+00	7.7E+02	3.9E-01	2.3E+01	2.8E+02	2.1E+04	2.2E+01
Arsine	7784-42-1							5.0E-05	I		1		1.4E+09									7.1E+04	7.1E+04	7.1E+04
Assure	76578-14-8					9.0E-03	I				1	0.1	1.4E+09								7.0E+02	2.5E+03	5.5E+02	5.5E+02
Asulam	3337-71-1					5.0E-02	I				1	0.1	1.4E+09								3.9E+03	1.4E+04	3.1E+03	3.1E+03
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I				1	0.1	1.4E+09				2.8E+00	8.8E+00		2.1E+00	2.7E+03	9.8E+03	2.1E+03	2.1E+03
Avermectin B1	65195-55-3					4.0E-04	I				1	0.1	1.4E+09								3.1E+01	1.1E+02	2.4E+01	2.4E+01
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V	1		1.4E+09	4.2E+05		5.8E+00		3.3E+01	4.9E+00					
Barium	7440-39-3					2.0E-01	I	5.0E-04	H		0.07		1.4E+09								1.6E+04		7.1E+05	1.5E+04
Baygon	114-26-1					4.0E-03	I				1	0.1	1.4E+09								3.1E+02	1.1E+03	2.4E+02	2.4E+02
Bayleton	43121-43-3					3.0E-02	I				1	0.1	1.4E+09								2.3E+03	8.4E+03	1.8E+03	1.8E+03
Baythroid	68359-37-5					2.5E-02	I				1	0.1	1.4E+09								2.0E+03	7.0E+03	1.5E+03	1.5E+03
Benefin	1861-40-1					3.0E-01	I				1	0.1	1.4E+09								2.3E+04	8.4E+04	1.8E+04	1.8E+04
Benomyl	17804-35-2					5.0E-02	I				1	0.1	1.4E+09								3.9E+03	1.4E+04	3.1E+03	3.1E+03
Bentazon	25057-89-0					3.0E-02	I				1	0.1	1.4E+09								2.3E+03	8.4E+03	1.8E+03	1.8E+03
Benzaldehyde	100-52-7					1.0E-01	I			V	1		1.4E+09	3.2E+04	1.9E+03						7.8E+03		7.8E+03	7.8E+03
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	1		1											

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v _o	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Bisphenol A	80-05-7			5.0E-02	I					1	0.1	1.4E+09								3.9E+03	1.4E+04		3.1E+03	
Boron And Borates Only	7440-42-8			2.0E-01	I	2.0E-02	H			1		1.4E+09								1.6E+04		2.8E+07	1.6E+04	
Boron Trifluoride	7637-07-2					7.0E-04	H			1		1.4E+09										9.9E+05	9.9E+05	
Bromate	15541-45-4	7.0E-01	I	4.0E-03	I					1		1.4E+09				9.1E-01		9.1E-01		3.1E+02			3.1E+02	
Bromobenzene	108-86-1			2.0E-02	P	1.0E-02	P	V		1		1.4E+09	9.6E+03	7.7E+02						1.6E+03		1.0E+02	9.4E+01	
Bromodichloromethane	75-27-4	6.2E-02	I	3.7E-05	C	2.0E-02	I		V	1		1.4E+09	4.4E+03	9.9E+02	1.0E+01		2.9E-01	2.8E-01		1.6E+03			1.6E+03	
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I			1	0.1	1.4E+09			8.1E+01	2.6E+02	3.0E+06	6.1E+01		1.6E+03	5.6E+03		1.2E+03	
Bromomethane	74-83-9			1.4E-03	I	5.0E-03	I	V		1		1.4E+09	1.6E+03	3.6E+03						1.1E+02		8.5E+00	7.9E+00	
Bromophos	2104-96-3			5.0E-03	H					1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02	
Bromoxynil	1689-84-5			2.0E-02	I					1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03	
Bromoxynil Octanoate	1689-99-2			2.0E-02	I					1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03	
Butadiene, 1,3-	106-99-0	3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1		1.4E+09	9.4E+02	6.9E+02	1.9E-01		7.7E-02	5.4E-02			2.0E+00	2.0E+00	
Butanol, N-	71-36-3			1.0E-01	I					1	0.1	1.4E+09								7.8E+03	2.8E+04		6.1E+03	
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P	2.0E-01	I					1	0.1	1.4E+09			3.4E+02	1.1E+03		2.6E+02		1.6E+04	5.6E+04		1.2E+04	
Butyl alcohol, sec-	78-92-2			2.0E+00	P	3.0E+01	P			1		1.4E+09								1.6E+05		4.3E+10	1.6E+05	
Butylate	2008-41-5			5.0E-02	I					1	0.1	1.4E+09								3.9E+03	1.4E+04		3.1E+03	
Butylphthalyl Butylglycolate	85-70-1			1.0E+00	I					1	0.1	1.4E+09								7.8E+04	2.8E+05		6.1E+04	
Cacodylic Acid	75-60-5			2.0E-02	A					1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03	
Cadmium (Diet)	7440-43-9		4.2E-03	C	1.0E-03	I	1.0E-05	A		0.025	0.001	1.4E+09						7.9E+02	7.9E+02	7.8E+01	7.0E+02	1.4E+04	7.0E+01	
Caprolactam	105-60-2			5.0E-01	I					1	0.1	1.4E+09								3.9E+04	1.4E+05		3.1E+04	
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I			1	0.1	1.4E+09			4.3E+00	1.3E+01	7.7E+04	3.2E+00		1.6E+02	5.6E+02		1.2E+02	
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I			1	0.1	1.4E+09			2.8E+02	8.8E+02	5.0E+06	2.1E+02		1.0E+04	3.6E+04		7.9E+03	
Carbaryl	63-25-2			1.0E-01	I					1	0.1	1.4E+09								7.8E+03	2.8E+04		6.1E+03	
Carbofuran	1563-66-2			5.0E-03	I					1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02	
Carbon Disulfide	75-15-0			1.0E-01	I	7.0E-01	I	V		1		1.4E+09	1.0E+03	2.6E+02						7.8E+03		7.3E+02	6.7E+02	
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V	1		1.4E+09	1.6E+03	4.8E+02	4.9E+00		2.7E-01	2.5E-01	5.5E+01		3.2E+02	4.7E+01	
Carbosulfan	55285-14-8			1.0E-02	I					1	0.1	1.4E+09								7.8E+02	2.8E+03		6.1E+02	
Carboxin	5234-68-4			1.0E-01	I					1	0.1	1.4E+09								7.8E+03	2.8E+04		6.1E+03	
Chloral Hydrate	302-17-0			1.0E-01	I					1	0.1	1.4E+09								7.8E+03	2.8E+04		6.1E+03	
Chloramben	133-90-4			1.5E-02	I					1	0.1	1.4E+09								1.2E+03	4.2E+03		9.2E+02	
Chloranil	118-75-2	4.0E-01	H							1	0.1	1.4E+09			1.6E+00	5.0E+00		1.2E+00						
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I		0.04	1.4E+09			1.8E+00	1.4E+01	3.3E+04	1.6E+00		3.9E+01	3.5E+02	9.9E+05	3.5E+01	
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C	5.0E-04	A			1	0.1	1.4E+09			4.0E-02	1.3E-01	7.2E+02	3.0E-02		3.9E+01	1.4E+02		3.1E+01	
Chlorfenvinphos	470-90-6			7.0E-04	A					1	0.1	1.4E+09								5.5E+01	2.0E+02		4.3E+01	
Chlorimuron, Ethyl-	90982-32-4			2.0E-02	I					1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03	
Chlorine	7782-50-5			1.0E-01	I	1.5E-04	A			1		1.4E+09								7.8E+03		2.1E+05	7.5E+03	
Chlorine Dioxide	10049-04-4			3.0E-02	I	2.0E-04	I			1		1.4E+09								2.3E+03		2.8E+05	2.3E+03	
Chlorite (Sodium Salt)	7758-19-2			3.0E-02	I					1		1.4E+09								2.3E+03			2.3E+03	
Chloro-1,1-difluoroethane, 1-	75-68-3					5.0E+01	I	V		1		1.4E+09	1.1E+03	1.2E+03								5.9E+04	5.9E+04	
Chloro-1,3-butadiene, 2-	126-99-8			2.0E-02	H	7.0E-03	H	V		1		1.4E+09	1.2E+03	8.2E+02						1.6E+03		8.7E+00	8.6E+00	
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H							1	0.1	1.4E+09			1.4E+00	4.4E+00		1.1E+00						
Chloro-2-methylaniline, 4-	95-69-2	2.7E-01	C	7.7E-05	C					1	0.1	1.4E+09			2.4E+00	7.5E+00	4.3E+04	1.8E+00						
Chloroacetic Acid	79-11-8			2.0E-03	H					1	0.1	1.4E+09								1.6E+02	5.6E+02		1.2E+02	
Chloroacetophenone, 2-	532-27-4					3.0E-05	I			1	0.1	1.4E+09										4.3E+04	4.3E+04	
Chloroaniline, p-	106-47-8	2.0E-01	P	4.0E-03	I					1	0.1	1.4E+09			3.2E+00	1.0E+01		2.4E+00		3.1E+02	1.1E+03		2.4E+02	
Chlorobenzene	108-90-7			2.0E-02	I	5.0E-02	P	V		1		1.4E+09	7.4E+03	8.6E+02						1.6E+03		3.9E+02	3.1E+02	
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I			1	0.1	1.4E+09			5.8E+00	1.8E+01	1.1E+05	4.4E+00		1.6E+03	5.6E+03		1.2E+03	
Chlorobenzotrifluoride, 4-	98-56-6			3.0E-03	P	3.0E-01	P	V		1		1.4E+09	7.9E+03	5.5E+02						2.3E+02		2.5E+03	2.1E+02	
Chlorobutane, 1-	109-69-3			4.0E-02	P					1		1.4E+09	2.0E+03	7.9E+02						3.1E+03			3.1E+03	
Chlorodifluoromethane	75-45-6					5.0E+01	I	V		1		1.4E+09	1.0E+03	1.7E+03								5.3E+04	5.3E+04	
Chloroform	67-66-3	3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1		1.4E+09	2.9E+03	2.7E+03	2.1E+01		3.1E-01	3.0E-01	7.8E+02			3.0E+02	2.2E+02
Chloromethane	74-87-3			9.0E-02	I	V				1		1.4E+09	1.3E+03	1.4E+03								1.2E+02	1.2E+02	
Chloromethyl Methyl Ether	107-30-2	2.4E+00	C	6.9E-04	C					1		1.4E+09	5.3E+03	8.1E+03	2.7E-01		1.9E-02	1.8E-02						
Chloronaphthalene, Beta-	91-58-7			8.0E-02	I					1		1.4E+09	9.4E+04	2.1E+02						6.3E+03			6.3E+03	
Chloronitrobenzene, o-	88-73-3	9.7E-03	P	1.0E-03	P	7.0E-05	P			1	0.1	1.4E+09			6.6E+01	2.1E+02		5.0E+01		7.8E+01	2.8E+02	9.9E+04	6.1E+01	
Chloronitrobenzene, p-	100-00-5	6.3E-03	P	1.0E-03	P	6.0E-04	P			1	0.1	1.4E+09			1.0E+02	3.2E+02								

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
		SFO	ke	IUR	ke	RfDo	ke	RfCi	ke	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
Analyte		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Cresol, m-	108-39-4			5.0E-02	I						1	0.1	1.4E+09												
Cresol, o-	95-48-7			5.0E-02	I						1	0.1	1.4E+09												
Cresol, p-	106-44-5			5.0E-03	H						1	0.1	1.4E+09												
Cresols	1319-77-3			1.0E-01	A	6.0E-01	C	V			1		1.4E+09	3.9E+05	7.1E+04										
Crotonaldehyde, trans-	123-73-9	1.9E+00	H								1		1.4E+09	2.2E+04	2.4E+04	3.4E-01					3.4E-01				
Cumene	98-82-8			1.0E-01	I	4.0E-01	I	V			1		1.4E+09	7.2E+03	3.1E+02										
Cyanazine	21725-46-2	8.4E-01	H	2.0E-03	H						1	0.1	1.4E+09												
Cyanides																									
-Calcium Cyanide	592-01-8			4.0E-02	I						1		1.4E+09												
-Copper Cyanide	544-92-3			5.0E-03	I						1		1.4E+09												
-Cyanide (CN-)	57-12-5			2.0E-02	I						1		1.4E+09												
-Cyanogen	460-19-5			4.0E-02	I						1		1.4E+09												
-Cyanogen Bromide	506-68-3			9.0E-02	I						1		1.4E+09												
-Cyanogen Chloride	506-77-4			5.0E-02	I						1		1.4E+09												
-Hydrogen Cyanide	74-90-8			2.0E-02	I	3.0E-03	I	V			1		1.4E+09												
-Potassium Cyanide	151-50-8			5.0E-02	I						1		1.4E+09												
-Potassium Silver Cyanide	506-61-6			2.0E-01	I					0.04	1		1.4E+09												
-Silver Cyanide	506-64-9			1.0E-01	I						0.04		1.4E+09												
-Sodium Cyanide	143-33-9			4.0E-02	I						1		1.4E+09												
-Thiocyanate	463-56-9			2.0E-04	P						1		1.4E+09	7.0E+03	5.6E+03										
-Zinc Cyanide	557-21-1			5.0E-02	I						1		1.4E+09												
Cyclohexane	110-82-7					6.0E+00	I	V			1		1.4E+09	1.2E+03	1.2E+02										
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H								1	0.1	1.4E+09												
Cyclohexanone	108-94-1			5.0E+00	I						1	0.1	1.4E+09												
Cyclohexylamine	108-91-8			2.0E-01	I						1	0.1	1.4E+09												
Cyhalothrin/karate	68085-85-8			5.0E-03	I						1	0.1	1.4E+09												
Cypermethrin	52315-07-8			1.0E-02	I						1	0.1	1.4E+09												
Cyromazine	66215-27-8			7.5E-03	I						1	0.1	1.4E+09												
DDD	72-54-8	2.4E-01	I	6.9E-05	C						1	0.1	1.4E+09												
DDE, p,p'-	72-55-9	3.4E-01	I	9.7E-05	C						1	0.1	1.4E+09												
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I				1	0.03	1.4E+09												
Dacthal	1861-32-1			1.0E-02	I						1	0.1	1.4E+09												
Dalapon	75-99-0			3.0E-02	I						1	0.1	1.4E+09												
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	7.0E-04	I			7.0E-03	I				1	0.1	1.4E+09												
Demeton	8065-48-3			4.0E-05	I						1	0.1	1.4E+09												
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I				1	0.1	1.4E+09												
Diallate	2303-16-4	6.1E-02	H								1	0.1	1.4E+09												
Diazinon	333-41-5			7.0E-04	A						1	0.1	1.4E+09												
Dibromo-3-chloropropane, 1,2-	96-12-8	8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		1.4E+09	3.6E+04	1.1E+03									
Dibromobenzene, 1,4-	106-37-6			1.0E-02	I						1	0.1	1.4E+09												
Dibromochloromethane	124-48-1	8.4E-02	I	2.7E-05	C	2.0E-02	I				1	0.1	1.4E+09	8.8E+03	8.5E+02										
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V	1		1.4E+09	9.5E+03	1.4E+03										
Dibromomethane (Methylene Bromide)	74-95-3			1.0E-02	H						1		1.4E+09	6.2E+03	3.0E+03										
Dibutyl Phthalate	84-74-2			1.0E-01	I						1	0.1	1.4E+09												
Dibutyltin Compounds	NA			3.0E-04	P						1	0.1	1.4E+09												
Dicamba	1918-00-9			3.0E-02	I						1	0.1	1.4E+09												
Dichloro-2-butene, 1,4-	764-41-0			4.2E-03	P						1		1.4E+09	3.4E+03	6.1E+02										
Dichloro-2-butene, cis-1,4-	1476-11-5			4.2E-03	P						1	0.1	1.4E+09	3.6E+03	6.1E+02										
Dichloro-2-butene, trans-1,4-	110-57-6			4.2E-03	P						1	0.1	1.4E+09	1.3E+04	5.8E+02										
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I				1	0.1	1.4E+09												
Dichlorobenzene, 1,2-	95-50-1			9.0E-02	I	2.0E-01	H	V			1		1.4E+09	1.3E+04	2.2E+02										
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V	1		1.4E+09	1.2E+04											
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I	3.4E-04	C						1	0.1	1.4E+09												
Dichlorodifluoromethane	75-71-8			2.0E-01	I	2.0E-01	H	V			1		1.4E+09	9.0E+02	8.5E+02										
Dichloroethane, 1,1-	75-34-3	5.7E-03	C	1.6E-06	C	2.0E-01	P	V			1		1.4E+09	2.3E+03	1.8E+03										
Dichloroethane, 1,2-	107-06-2	9.1E-02	I	2.6E-05	I	2.0E-02	P	2.4E+00	A	V	1		1.4E+09	5.1E+03	1.9E+03										
Dichloroethylene, 1,1-	75-35-4			5.0E-02	I	2.0E-01	I	V			1		1.4E+09	1.3E+03	1.2E+03										
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0			9.0E-03	H						1		1.4E+09	2.8E+03	1.4E+03										
Dichloroethylene, 1,2-cis-	156-59-2			1.0E-02	P						1		1.4E+09	2.8E+03	1.4E+03										
Dichloroethylene, 1,2-trans-	156-60-5			2.0E-02	I	6.0E-02	P	V			1		1.4E+09	1.9E+03	1.5E+03										
Dichlorophenol, 2,4-	120-83-2			3.0E-03	I						1	0.1	1.4E+09												
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7			1.0E-02	I						1	0.05	1.4E+09												
Dichlorophenoxybutyric Acid, 4-(2,4-	94																								

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v _o	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(m ³ /kg)	(m ³ /kg)	(mg/kg)	(m ³ /kg)	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Diethylene Glycol Monobutyl Ether	112-34-5			1.0E-02	P	2.0E-02	P	1	0.1	1.4E+09										7.8E+02	2.8E+03	2.8E+07	6.1E+02	
Diethylene Glycol Monoethyl Ether	111-90-0			6.0E-02	P	3.0E-03	P	1	0.1	1.4E+09										4.7E+03	1.7E+04	4.3E+06	3.7E+03	
Diethylformamide	617-84-5			1.0E-03	P			1	0.1	1.4E+09										7.8E+01	2.8E+02		6.1E+01	
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C			1	0.1	1.4E+09						1.8E-03	5.8E-03	3.3E+01	1.4E-03					
Difenzoquat	43222-48-6			8.0E-02	I			1	0.1	1.4E+09										6.3E+03	2.2E+04		4.9E+03	
Diflubenzuron	35367-38-5			2.0E-02	I			1	0.1	1.4E+09										1.6E+03	5.6E+03		1.2E+03	
Diffluoroethane, 1,1-	75-37-6					4.0E+01	I V	1		1.4E+09	1.3E+03	1.5E+03										5.3E+04	5.3E+04	
Diisopropyl Ether	108-20-3					4.0E-01	P V	1		1.4E+09	2.9E+03	1.6E+03										1.2E+03	1.2E+03	
Diisopropyl Methylphosphonate	1445-75-6			8.0E-02	I			1		1.4E+09	2.8E+04	4.3E+02								6.3E+03			6.3E+03	
Dimethipin	55290-64-7			2.0E-02	I			1	0.1	1.4E+09										1.6E+03	5.6E+03		1.2E+03	
Dimethoate	60-51-5			2.0E-04	I			1	0.1	1.4E+09										1.6E+01	5.6E+01		1.2E+01	
Dimethoxybenzidine, 3,3'	119-90-4	1.4E-02	H					1	0.1	1.4E+09						4.6E+01	1.4E+02		3.5E+01					
Dimethyl methylphosphonate	756-79-6	1.7E-03	P	6.0E-02	P			1	0.1	1.4E+09						3.8E+02	1.2E+03		2.9E+02	4.7E+03	1.7E+04		3.7E+03	
Dimethylamino azobenzene [p-]	60-11-7	4.6E+00	C	1.3E-03	C			1	0.1	1.4E+09						1.4E-01	4.4E-01	2.5E+03	1.1E-01					
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H					1	0.1	1.4E+09						1.1E+00	3.5E+00		8.4E-01					
Dimethylaniline, 2,4-	95-68-1	7.5E-01	H					1	0.1	1.4E+09						8.5E-01	2.7E+00		6.5E-01					
Dimethylaniline, N,N-	121-69-7			2.0E-03	I			1		1.4E+09	3.3E+04	8.2E+02								1.6E+02			1.6E+02	
Dimethylbenzidine, 3,3'	119-93-7	1.1E+01	P					1	0.1	1.4E+09						5.8E-02	1.8E-01		4.4E-02					
Dimethylformamide	68-12-2			1.0E-01	P	3.0E-02	I	1	0.1	1.4E+09						1.2E-03	3.7E-03	2.1E+01	8.8E-04	7.8E+03	2.8E+04	4.3E+07	6.1E+03	
Dimethylhydrazine, 1,2-	540-73-8	5.5E+02	C	1.6E-01	C			1	0.1	1.4E+09										1.6E+03	5.6E+03		1.2E+03	
Dimethylphenol, 2,4-	105-67-9			2.0E-02	I			1	0.1	1.4E+09										4.7E+01	1.7E+02		3.7E+01	
Dimethylphenol, 2,6-	576-26-1			6.0E-04	I			1	0.1	1.4E+09										7.8E+01	2.8E+02		6.1E+01	
Dimethylphenol, 3,4-	95-65-8			1.0E-03	I			1	0.1	1.4E+09										7.8E+03			7.8E+03	
Dimethylterephthalate	120-61-6			1.0E-01	I			1		1.4E+09	2.4E+04	6.1E+00								7.8E+03			7.8E+03	
Dinitro-o-cresol, 4,6-	534-52-1			1.0E-04	P			1	0.1	1.4E+09										7.8E+00	2.8E+01		6.1E+00	
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5			2.0E-03	I			1	0.1	1.4E+09										1.6E+02	5.6E+02		1.2E+02	
Dinitrobenzene, 1,2-	528-29-0			1.0E-04	P			1	0.1	1.4E+09										7.8E+00	2.8E+01		6.1E+00	
Dinitrobenzene, 1,3-	99-65-0			1.0E-04	I			1	0.1	1.4E+09										7.8E+00	2.8E+01		6.1E+00	
Dinitrobenzene, 1,4-	100-25-4			1.0E-04	P			1	0.1	1.4E+09										7.8E+00	2.8E+01		6.1E+00	
Dinitrophenol, 2,4-	51-28-5			2.0E-03	I			1	0.1	1.4E+09										1.2E+02	5.6E+02		1.2E+02	
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I					1	0.1	1.4E+09						9.4E-01	3.0E+00		7.1E-01					
Dinitrotoluene, 2,4-	121-14-2	3.1E-01	C	8.9E-05	C	2.0E-03	I	1	0.102	1.4E+09						2.1E+00	6.4E+00	3.7E+04	1.6E+00	1.6E+02	5.5E+02		1.2E+02	
Dinitrotoluene, 2,6-	606-20-2			1.0E-03	P			1	0.099	1.4E+09										7.8E+01	2.8E+02		6.1E+01	
Dinitrotoluene, 2-Amino-4,6-	35572-78-2			2.0E-03	I			1	0.006	1.4E+09										1.6E+02	9.3E+03		1.5E+02	
Dinitrotoluene, 4-Amino-2,6-	19406-51-0			2.0E-03	I			1	0.009	1.4E+09										1.6E+02	6.2E+03		1.5E+02	
Dinoseb	88-85-7			1.0E-03	I			1	0.1	1.4E+09										7.8E+01	2.8E+02		6.1E+01	
Dioxane, 1,4-	123-91-1	1.1E-02	I	7.7E-06	C	1.0E-01	A	3.6E+00	A	1	0.1	1.4E+09				5.8E+01	1.8E+02	4.3E+05	4.4E+01	7.8E+03	2.8E+04	5.1E+09	6.1E+03	
Dioxins																								
-Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I			1	0.03	1.4E+09						1.0E-04	1.1E-03	2.5E+00	9.4E-05					
-TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C	1	0.03	1.4E+09				4.9E-06	5.2E-05	8.7E-02	4.5E-06	7.8E-05	9.3E-04	5.7E+01	7.2E-05	
Diphenamid	957-51-7			3.0E-02	I			1	0.1	1.4E+09										2.3E+03	8.4E+03		1.8E+03	
Diphenyl Sulfone	127-63-9			3.0E-03	P			1	0.1	1.4E+09										2.3E+02	8.4E+02		1.8E+02	
Diphenylamine	122-39-4			2.5E-02	I			1	0.1	1.4E+09										2.0E+03	7.0E+03		1.5E+03	
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I			1	0.1	1.4E+09						8.0E-01	2.5E+00	1.5E+04	6.1E-01					
Diquat	85-00-7			2.2E-03	I			1	0.1	1.4E+09										1.7E+02	6.1E+02		1.3E+02	
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C			1	0.1	1.4E+09						8.6E-02	2.7E-01	1.6E+03	6.6E-02					
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C			1	0.1	1.4E+09						8.6E-02	2.7E-01	1.6E+03	6.6E-02					
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C			1	0.1	1.4E+09						9.5E-02	3.0E-01	1.7E+03	7.2E-02					
Disulfoton	298-04-4			4.0E-05	I			1	0.1	1.4E+09										3.1E+00	1.1E+01		2.4E+00	
Dithiane, 1,4-	505-29-3			1.0E-02	I			1	0.1	1.4E+09										7.8E+02	2.8E+03		6.1E+02	
Diuron	330-54-1			2.0E-03	I			1	0.1	1.4E+09										1.6E+02	5.6E+02		1.2E+02	
Dodine	2439-10-3			4.0E-03	I			1	0.1	1.4E+09										3.1E+02	1.1E+03		2.4E+02	
EPTC	759-94-4			2.5E-02	I			1		1.4E+09	1.6E+05	6.2E+02								2.0E+03			2.0E+03	
Endosulfan	115-29-7			6.0E-03	I			1	0.1	1.4E+09										4.7E+02	1.7E+03		3.7E+02	
Endothall	145-73-3			2.0E-02	I			1	0.1	1.4E+09										1.6E+03	5.6E+03		1.2E+03	
Endrin	72-20-8			3.0E-04	I			1	0.1	1.4E+09										2.3E+01	8.4E+01		1.8E+01	
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I V	1	1.4E+09	1.8E+04	8.4E+03			6.5E+01		3.6E+01	2.3E+01	4.7E+02		1.9E+01	1.8E+01	
Epoxybutane, 1,2-	106-88-7					2.0E-02	I V	1		1.4E+09	7.4E+03	1.2E+04												

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #28; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v _o	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	y	(mg/m ³)	y	(m ³ /kg)	(m ³ /kg)	(mg/kg)			(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Ethylene Glycol	107-21-1			2.0E+00	I	4.0E-01	C	1	0.1	1.4E+09										1.6E+05	5.6E+05	5.7E+08	1.2E+05	
Ethylene Glycol Monobutyl Ether	111-76-2			5.0E-01	I	1.3E+01	I	1	0.1	1.4E+09										3.9E+04	1.4E+05	1.8E+10	3.1E+04	
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C			3.0E-02	C	V	1	0.1	1.4E+09	6.3E+03	1.1E+05	2.1E+00		1.7E-01	1.6E-01			2.0E+02	2.0E+02	
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I				1	0.1	1.4E+09			1.4E+01	4.5E+01	2.5E+05	1.1E+01	6.3E+00	2.2E+01		4.9E+00	
Ethylphthalyl Ethyl Glycolate	84-72-0			3.0E+00	I						1	0.1	1.4E+09							2.3E+05	8.4E+05		1.8E+05	
Express	101200-48-0			8.0E-03	I						1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02	
Fenamiphos	22224-92-6			2.5E-04	I						1	0.1	1.4E+09							2.0E+01	7.0E+01		1.5E+01	
Fenpropathrin	39515-41-8			2.5E-02	I						1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03	
Fluometuron	2164-17-2			1.3E-02	I						1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02	
Fluorine (Soluble Fluoride)	7782-41-4			6.0E-02	I						1	0.1	1.4E+09							4.7E+03			4.7E+03	
Fluridone	59756-60-4			8.0E-02	I						1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03	
Flurprimidol	56425-91-3			2.0E-02	I						1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03	
Flutolanil	66332-96-5			6.0E-02	I						1	0.1	1.4E+09							4.7E+03	1.7E+04		3.7E+03	
Fluvalinate	69409-94-5			1.0E-02	I						1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02	
Folpet	133-07-3	3.5E-03	I			1.0E-01	I				1	0.1	1.4E+09			1.8E+02	5.8E+02		1.4E+02	7.8E+03	2.8E+04		6.1E+03	
Fomesafen	72178-02-0	1.9E-01	I								1	0.1	1.4E+09			3.4E+00	1.1E+01		2.6E+00				6.1E+03	
Fonofos	944-22-9			2.0E-03	I						1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02	
Formaldehyde	50-00-0			2.0E-01	I	9.8E-03	A				1	0.1	1.4E+09					2.5E+05	2.5E+05	1.6E+04	5.6E+04	1.4E+07	1.2E+04	
Formic Acid	64-18-6			2.0E+00	H	3.0E-03	P				1	0.1	1.4E+09							1.6E+05	5.6E+05	4.3E+06	1.2E+05	
Fosetyl-AL	39148-24-8			3.0E+00	I						1	0.1	1.4E+09							2.3E+05	8.4E+05		1.8E+05	
Furans																								
-Furan	110-00-9			1.0E-03	I					V	1	0.1	1.4E+09	2.9E+03	6.8E+03					7.8E+01			7.8E+01	
Furazolidone	67-45-8	3.8E+00	H								1	0.1	1.4E+09			1.7E-01	5.3E-01		1.3E-01					
Furfural	98-01-1			3.0E-03	I	5.0E-02	H				1	0.1	1.4E+09							2.3E+02	8.4E+02	7.1E+07	1.8E+02	
Furium	531-82-8	1.5E+00	C	4.3E-04	C						1	0.1	1.4E+09			4.3E-01	1.3E+00	7.7E+03	3.2E-01					
Furmecycloz	60568-05-0	3.0E-02	I	8.6E-06	C						1	0.1	1.4E+09			2.1E+01	6.7E+01	3.8E+05	1.6E+01					
Glufosinate, Ammonium	77182-82-2			4.0E-04	I						1	0.1	1.4E+09							3.1E+01	1.1E+02		2.4E+01	
Glycidyl	765-34-4			4.0E-04	I	1.0E-03	H				1	0.1	1.4E+09							3.1E+01	1.1E+02	1.4E+06	2.4E+01	
Glyphosate	1071-83-6			1.0E-01	I						1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03	
Goal	42874-03-3			3.0E-03	I						1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02	
Guthion	86-50-0			3.0E-03	A	1.0E-02	A				1	0.1	1.4E+09							2.3E+02	8.4E+02	1.4E+07	1.8E+02	
Haloxypol, Methyl	69806-40-2			5.0E-05	I						1	0.1	1.4E+09							3.9E+00	1.4E+01		3.1E+00	
Harmony	79277-27-3			1.3E-02	I						1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02	
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I				1	0.1	1.4E+09			1.4E-01	4.5E-01	2.5E+03	1.1E-01	3.9E+01	1.4E+02		3.1E+01	
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I				1	0.1	1.4E+09			7.0E-02	2.2E-01	1.3E+03	5.3E-02	1.0E+00	3.6E+00		7.9E-01	
Hexabromobenzene	87-82-1			2.0E-03	I						1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02	
Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2			2.0E-04	I						1	0.1	1.4E+09							1.6E+01			1.6E+01	
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I				1	0.1	1.4E+09			4.0E-01	1.3E+00	7.2E+03	3.0E-01	6.3E+01	2.2E+02		4.9E+01	
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P				1	0.1	1.4E+09			8.2E+00	2.6E+01	1.5E+05	6.2E+00	7.8E+01	2.8E+02		6.1E+01	
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I	8.0E-03	A				1	0.1	1.4E+09			1.0E-01	3.2E-01	1.8E+03	7.7E-02	6.3E+02	2.2E+03		4.9E+02	
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I						1	0.1	1.4E+09			3.5E-01	1.1E+00	6.2E+03	2.7E-01					
Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I				1	0.04	1.4E+09			5.8E-01	4.6E+00	1.1E+04	5.2E-01	2.3E+01	2.1E+02		2.1E+01	
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I						1	0.1	1.4E+09			3.5E-01	1.1E+00	6.5E+03	2.7E-01					
Hexachlorocyclopentadiene	77-47-4			6.0E-03	I	2.0E-04	I				1	0.1	1.4E+09							4.7E+02	1.7E+03	2.8E+05	3.7E+02	
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I				1	0.1	1.4E+09			4.6E+01	1.4E+02	8.3E+05	3.5E+01	7.8E+01	2.8E+02		6.1E+01	
Hexachlorophene	70-30-4			3.0E-04	I						1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01	
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	1.1E-01	I	3.0E-03	I						1	0.015	1.4E+09			5.8E+00	1.2E+02		5.5E+00	2.3E+02	5.6E+03		2.3E+02	
Hexamethylene Diisocyanate, 1,6-	822-06-0					1.0E-05	I	V			1	0.1	1.4E+09	3.6E+05	4.1E+03							3.7E+00	3.7E+00	
Hexane, N-	110-54-3			6.0E-02	H	7.0E-01	I	V			1	0.1	1.4E+09	9.0E+02	1.4E+02					4.7E+03		6.5E+02	5.7E+02	
Hexanedioic Acid	124-04-9			2.0E+00	P						1	0.1	1.4E+09							1.6E+05	5.6E+05		1.2E+05	
Hexazinone	51235-04-2			3.3E-02	I						1	0.1	1.4E+09							2.6E+03	9.2E+03		2.0E+03	
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I	2.0E-04	C				1	0.1	1.4E+09			2.1E-01		6.8E+02	2.1E-01			2.8E+05	2.8E+05	
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I						1	0.1	1.4E+09			2.1E-01		6.8E+02	2.1E-01					
Hydrogen Chloride	7647-01-0			2.0E-02	I						1	0.1	1.4E+09									2.8E+07	2.8E+07	
Hydrogen Fluoride	7664-39-3			4.0E-02	C	1.4E-02	C				1	0.1	1.4E+09								3.1E+03	2.0E+07	3.1E+03	
Hydrogen Sulfide	7783-06-4			2.0E-03	I						1	0.1	1.4E+09									2.8E+06	2.8E+06	
Hydroquinone	123-31-9	5.6E-02	P	4.0E-02	P						1													

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #28; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)								(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Lead Compounds																								
-Lead and Compounds	7439-92-1					L					1		1.4E+09											4.0E+02
-Tetraethyl Lead	78-00-2					1.0E-07	I			1	0.1	1.4E+09									7.8E-03	2.8E-02		6.1E-03
Linuron	330-55-2					2.0E-03	I			1	0.1	1.4E+09									1.6E+02	5.6E+02		1.2E+02
Lithium	7439-93-2					2.0E-03	P			1		1.4E+09									1.6E+02			1.6E+02
Lithium Perchlorate	7791-03-9					7.0E-04	I			1		1.4E+09									5.5E+01			5.5E+01
Londax	83055-99-6					2.0E-01	I			1	0.1	1.4E+09									1.6E+04	5.6E+04		1.2E+04
MCPA	94-74-6					5.0E-04	I			1	0.1	1.4E+09									3.9E+01	1.4E+02		3.1E+01
MCPB	94-81-5					1.0E-02	I			1	0.1	1.4E+09									7.8E+02	2.8E+03		6.1E+02
MCPP	93-65-2					1.0E-03	I			1	0.1	1.4E+09									7.8E+01	2.8E+02		6.1E+01
Malathion	121-75-5					2.0E-02	I			1	0.1	1.4E+09									1.6E+03	5.6E+03		1.2E+03
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C	1	0.1	1.4E+09									7.8E+03	2.8E+04	9.9E+05	6.1E+03
Maleic Hydrazide	123-33-1					5.0E-01	I			1	0.1	1.4E+09									3.9E+04	1.4E+05		3.1E+04
Malononitrile	109-77-3					1.0E-04	P			1	0.1	1.4E+09									7.8E+00	2.8E+01		6.1E+00
Mancozeb	8018-01-7					3.0E-02	H			1	0.1	1.4E+09									2.3E+03	8.4E+03		1.8E+03
Maneb	12427-38-2					5.0E-03	I			1	0.1	1.4E+09									3.9E+02	1.4E+03		3.1E+02
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I	0.04		1.4E+09									1.9E+03		7.1E+04	1.8E+03
Mephosfolan	950-10-7					9.0E-05	H			1	0.1	1.4E+09									7.0E+00	2.5E+01		5.5E+00
Mepiquat Chloride	24307-26-4					3.0E-02	I			1	0.1	1.4E+09									2.3E+03	8.4E+03		1.8E+03
Mercury Compounds																								
-Mercuric Chloride	7487-94-7					3.0E-04	I			0.07		1.4E+09									2.3E+01			2.3E+01
-Mercuric Sulfide	1344-48-5					3.0E-04	I			1		1.4E+09									2.3E+01			2.3E+01
-Mercury (elemental)	7439-97-6					1.6E-04	C	3.0E-04	I	V	1	1.4E+09	2.1E+04	3.1E+00							1.3E+01		6.7E+00	4.3E+00
-Mercury, Inorganic Salts	NA					3.0E-04	I			0.07		1.4E+09									2.3E+01			2.3E+01
-Methyl Mercury	22967-92-6					1.0E-04	I			1		1.4E+09									7.8E+00			7.8E+00
-Phenylmercuric Acetate	62-38-4					8.0E-05	I			1	0.1	1.4E+09									6.3E+00	2.2E+01		4.9E+00
Merphos	150-50-5					3.0E-05	I			1	0.1	1.4E+09									2.3E+00	8.4E+00		1.8E+00
Merphos Oxide	78-48-8					3.0E-05	I			1	0.1	1.4E+09									2.3E+00	8.4E+00		1.8E+00
Metalaxyl	57837-19-1					6.0E-02	I			1	0.1	1.4E+09									4.7E+03	1.7E+04		3.7E+03
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V	1	1.4E+09	7.3E+03	4.5E+03							7.8E+00		5.3E+00	3.2E+00
Methamidophos	10265-92-6					5.0E-05	I			1	0.1	1.4E+09									3.9E+00	1.4E+01		3.1E+00
Methanol	67-56-1					5.0E-01	I	4.0E+00	C	1	0.1	1.4E+09									3.9E+04	1.4E+05	5.7E+09	3.1E+04
Methidathion	950-37-8					1.0E-03	I			1	0.1	1.4E+09									7.8E+01	2.8E+02		6.1E+01
Methomyl	16752-77-5					2.5E-02	I			1	0.1	1.4E+09									2.0E+03	7.0E+03		1.5E+03
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C					1	0.1	1.4E+09				1.3E+01	4.1E+01	2.4E+05	9.9E+00					
Methoxychlor	72-43-5					5.0E-03	I			1	0.1	1.4E+09									3.9E+02	1.4E+03		3.1E+02
Methoxyethanol Acetate, 2-	110-49-6					2.0E-03	H	9.0E-02	C	1	0.1	1.4E+09									1.6E+02	5.6E+02	1.3E+08	1.2E+02
Methoxyethanol, 2-	109-86-4					3.0E-03	P	2.0E-02	I	1	0.1	1.4E+09									2.3E+02	8.4E+02	2.8E+07	1.8E+02
Methyl Acetate	79-20-9					1.0E+00	H		V	1	1.4E+09	8.8E+03	2.9E+04								7.8E+04			7.8E+04
Methyl Acrylate	96-33-3					3.0E-02	H		V	1	1.4E+09	7.6E+03	6.9E+03								2.3E+03			2.3E+03
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V	1	1.4E+09	1.3E+04	2.8E+04							4.7E+04		6.7E+04	2.8E+04
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V	1	1.4E+09	1.1E+04	3.2E+03							6.3E+03		3.5E+04	5.3E+03
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V	1	1.4E+09	6.8E+03	2.5E+03							1.1E+05		4.9E+03	4.7E+03
Methyl Parathion	298-00-0					2.5E-04	I			1	0.1	1.4E+09									2.0E+01	7.0E+01		1.5E+01
Methyl Phosphonic Acid	993-13-5					2.0E-02	P			1	0.1	1.4E+09									1.6E+03	5.6E+03		1.2E+03
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V	1	1.4E+09	7.6E+03	4.5E+02							4.7E+02		3.2E+02	1.9E+02
Methyl methanesulfonate	66-27-3	9.9E-02	C	2.8E-05	C					1	0.1	1.4E+09				6.5E+00	2.0E+01	1.2E+05	4.9E+00					
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V	1	1.4E+09	4.7E+03	6.9E+03		3.5E+02	6.1E+01	4.4E+01	3.9E+01				1.5E+04	1.5E+04
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H							1	0.1	1.4E+09				1.9E+01	6.1E+01			1.5E+01				
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C					1	0.1	1.4E+09				4.9E+00	1.6E+01	8.9E+04	3.7E+00					
Methylarsonic acid	124-58-3					1.0E-02	A			1	0.1	1.4E+09									7.8E+02	2.8E+03		6.1E+02
Methylcholanthrene, 3-	56-49-5	2.2E+01	C	6.3E-03	C					1	0.1	1.4E+09				2.9E-02	9.2E-02	5.3E+02	2.2E-02					
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V	1	1.4E+09	2.4E+03	3.5E+03		8.5E+01	2.4E+02	5.3E+02	2.2E-02		4.7E+03		2.6E+03	1.7E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P			M	1	0.1	1.4E+09			1.5E+00	5.1E+00	3.0E+03	1.2E+00		1.6E+02	5.6E+02		1.2E+02
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I	1.3E-05	C					1	0.1	1.4E+09				1.4E+01	4.4E+01	2.5E+05	1.1E+01					
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C			2.0E-02	C	1	0.1	1.4E+09				4.0E-01	1.3E+00	7.2E+03	3.0E-01				2.8E+07	2.8E+07
Methylenediphenyl Diisocyanate	101-68-8							6.0E-04	I	1	0.1	1.4E+09											8.5E+05	8.5E+05
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V	1	1.4E+09	1.5E+04	4.5E+02										

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #28; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v _o	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
Analyte		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(ug/m ³ -day) ⁻¹	(mg/kg-day)	(mg/m ³) ⁻¹	(mg/m ³ -day) ⁻¹	(mg/m ³ -day) ⁻¹	(m ³ /kg)	(m ³ /kg)	(mg/kg)	(m ³ /kg)	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Nickel Sub sulfide	12035-72-2	1.7E+00	C	4.8E-04	I						0.04			1.4E+09		3.8E-01		6.9E+03	3.8E-01						
Nitrate	14797-55-8					1.6E+00	I				1			1.4E+09							1.3E+05			1.3E+05	
Nitrite	14797-65-0					1.0E-01	I				1			1.4E+09							7.8E+03			7.8E+03	
Nitroaniline, 2-	88-74-4					3.0E-03	P	1.0E-04	P		1	0.1		1.4E+09							2.3E+02	8.4E+02	1.4E+05	1.8E+02	
Nitroaniline, 4-	100-01-6	2.0E-02	P			4.0E-03	P	6.0E-03	P		1	0.1		1.4E+09							3.1E+02	1.1E+03	8.5E+06	2.4E+02	
Nitrobenzene	98-95-3					2.0E-03	I	9.0E-03	I	V	1			1.4E+09	7.3E+04	2.6E+03					1.6E+02		6.8E+02	1.3E+02	
Nitrofurantoin	67-20-9					7.0E-02	H				1	0.1		1.4E+09							5.5E+03	2.0E+04		4.3E+03	
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C						1	0.1		1.4E+09							3.7E-01				
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P				1	0.1		1.4E+09							7.8E+00	2.8E+01		6.1E+00	
Nitroguanidine	556-88-7					1.0E-01	I				1	0.1		1.4E+09							7.8E+03	2.8E+04		6.1E+03	
Nitromethane	75-52-5					9.0E-06	P			2.0E-02	P	V	1	1.4E+09	1.7E+04	1.7E+04					4.7E+00	4.7E+00		3.6E+02	
Nitropropane, 2-	79-46-9					2.7E-03	H			2.0E-02	I	V	1	1.4E+09	1.3E+04	4.3E+03					1.2E-02	1.2E-02		2.8E+02	
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C						1	0.1		1.4E+09							2.4E-02	7.5E-02	4.3E+02	1.8E-02	
Nitroso-N-methylurea, N-	684-93-5	1.2E+02	C	3.4E-02	C						1	0.1		1.4E+09							5.3E-03	1.7E-02	9.7E+01	4.0E-03	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I								V	1	1.4E+09	2.8E+05	1.3E+04				1.2E-01		4.3E-01	9.3E-02	
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I	2.0E-03	C						1	0.1		1.4E+09							9.1E-02	2.9E-01	1.7E+03	6.9E-02	
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I	8.0E-04	C						1	0.1		1.4E+09							2.3E-01	7.2E-01	4.1E+03	1.7E-01	
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I						M	1	0.1	1.4E+09							9.9E-04	3.4E-03	3.0E+01	7.7E-04	
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P				M	1	0.1	1.4E+09							2.9E-03	9.9E-03	9.3E+01	2.3E-03	
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I	2.6E-06	C						1	0.1		1.4E+09							1.3E+02	4.1E+02	1.3E+06	9.9E+01	
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I	6.3E-03	C						1	0.1		1.4E+09							2.9E-02	9.2E-02	5.3E+02	2.2E-02	
Nitrosomorpholine [N-]	59-89-2	6.7E+00	C	1.9E-03	C						1	0.1		1.4E+09							9.5E-02	3.0E-01	1.7E+03	7.2E-02	
Nitrosopiperidine [N-]	100-75-4	9.4E+00	C	2.7E-03	C						1	0.1		1.4E+09							6.8E-02	2.2E-01	1.2E+03	5.2E-02	
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I						1	0.1		1.4E+09							3.0E-01	9.6E-01	5.4E+03	2.3E-01	
Nitrotoluene, m-	99-08-1					2.0E-02	P				1	0.1		1.4E+09							1.6E+03	5.6E+03		1.2E+03	
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P				V	1		1.4E+09	1.4E+05	1.3E+03					2.9E+00		2.9E+00	7.0E+01	
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P				1	0.1		1.4E+09							4.0E+01	1.3E+02	3.0E+01	3.1E+02	
Norflurazon	27314-13-2					4.0E-02	I				1	0.1		1.4E+09								3.1E+03	1.1E+04		2.4E+03
Nustar	85509-19-9					7.0E-04	I				1	0.1		1.4E+09								5.5E+01	2.0E+02		4.3E+01
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I				1	0.1		1.4E+09								2.3E+02	8.4E+02		1.8E+02
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I				1	0.006		1.4E+09								3.9E+03	2.3E+05		3.8E+03
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H				1	0.1		1.4E+09								1.6E+02	5.6E+02		1.2E+02
Oryzalin	19044-88-3					5.0E-02	I				1	0.1		1.4E+09								3.9E+03	1.4E+04		3.1E+03
Oxadiazon	19666-30-9					5.0E-03	I				1	0.1		1.4E+09								3.9E+02	1.4E+03		3.1E+02
Oxamyl	23135-22-0					2.5E-02	I				1	0.1		1.4E+09								2.0E+03	7.0E+03		1.5E+03
Paclobutrazol	76738-62-0					1.3E-02	I				1	0.1		1.4E+09								1.0E+03	3.6E+03		7.9E+02
Paraquat Dichloride	1910-42-5					4.5E-03	I				1	0.1		1.4E+09								3.5E+02	1.3E+03		2.7E+02
Parathion	56-38-2					6.0E-03	H				1	0.1		1.4E+09								4.7E+02	1.7E+03		3.7E+02
Pebulate	1114-71-2					5.0E-02	H				1	0.1		1.4E+09								3.9E+03	1.4E+04		3.1E+03
Pendimethalin	40487-42-1					4.0E-02	I				1	0.1		1.4E+09								3.1E+03	1.1E+04		2.4E+03
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I				1	0.1		1.4E+09								1.6E+02	5.6E+02		1.2E+02
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E-04	I				1	0.1		1.4E+09								7.8E+00			7.8E+00
Pentachlorobenzene	608-93-5					8.0E-04	I				1	0.1		1.4E+09								6.3E+01	2.2E+02		4.9E+01
Pentachloroethane	76-01-7	9.0E-02	P								1	0.1		1.4E+09								7.1E+00	2.2E+01	5.4E+00	
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I				1	0.1		1.4E+09								2.5E+00	7.8E+00	1.9E+00	2.3E+02
Pentachlorophenol	87-86-5	1.2E-01	I	4.6E-06	C	3.0E-02	I				1	0.25		1.4E+09								5.3E+00	6.7E+00	7.2E+05	3.0E+00
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I				1			1.4E+09								5.5E+01			5.5E+01
Permethrin	52645-53-1					5.0E-02	I				1	0.1		1.4E+09								3.9E+03	1.4E+04		3.1E+03
Phenacetin	62-44-2	2.2E-03	C	6.3E-07	C						1	0.1		1.4E+09								2.9E+02	9.2E+02	5.3E+06	2.2E+02
Phenmedipham	13684-63-4					2.5E-01	I				1	0.1		1.4E+09								2.0E+04	7.0E+04		1.5E+04
Phenol	108-95-2					3.0E-01	I	2.0E-01	C		1	0.1		1.4E+09								2.3E+04	8.4E+04	2.8E+08	1.8E+04
Phenylenediamine, m-	108-45-2					6.0E-03	I				1	0.1		1.4E+09								4.7E+02	1.7E+03		3.7E+02
Phenylenediamine, o-	95-54-5	4.7E-02	H								1	0.1		1.4E+09								1.4E+01	4.3E+01	1.0E+01	
Phenylenediamine, p-	106-50-3					1.9E-01	H				1	0.1		1.4E+09								1.5E+04	5.3E+04		1.2E+04
Phenylphenol, 2-	90-43-7	1.9E-03	H								1	0.1		1.4E+09								3.3E+02	1.0E+03	2.5E+02	
Phorate	298-02-2					2.0E-04	H			3.0E-04	I	V	1	1.4E+09											

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #28; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	v _o	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/kg)	(m ³ /kg)	(m ³ /kg)	(m ³ /kg)	(m ³ /kg)	(m ³ /kg)	(m ³ /kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
-Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I						1	0.14	1.4E+09				3.2E-01	7.2E-01	5.8E+03	2.2E-01				
-Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I						1	0.14	1.4E+09				3.2E-01	7.2E-01	5.8E+03	2.2E-01				
-Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I				1	0.14	1.4E+09				3.2E-01	7.2E-01	5.8E+03	2.2E-01	1.6E+00	4.0E+00		1.1E+00
-Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I						1	0.14	1.4E+09				3.2E-01	7.2E-01	5.8E+03	2.2E-01				
-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	6.5E+02	C	1.9E-02	C						1	0.14	1.4E+09				9.8E-04	2.2E-03	1.7E+02	6.8E-04				
-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	6.5E+02	C	1.9E-02	C						1	0.14	1.4E+09				9.8E-04	2.2E-03	1.7E+02	6.8E-04				
-Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	6.5E+02	C	1.9E-02	C						1	0.14	1.4E+09				9.8E-04	2.2E-03	1.7E+02	6.8E-04				
-Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.3E+04	C	3.8E+00	C						1	0.14	1.4E+09				4.9E-05	1.1E-04	8.7E-01	3.4E-05				
-Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C						1	0.14	1.4E+09				3.2E-01	7.2E-01	5.8E+03	2.2E-01				
-Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
-Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09				4.9E-02	1.1E-01	8.7E+02	3.4E-02				
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I		1	0.1	1.4E+09										8.5E+05	8.5E+05
Polynuclear Aromatic Hydrocarbons (PAHs)																								
-Acenaphthene	83-32-9					6.0E-02	I			V	1	0.13	1.4E+09	1.7E+05							4.7E+03	1.3E+04		3.4E+03
-Anthracene	120-12-7					3.0E-01	I			V	1	0.13	1.4E+09	6.3E+05							2.3E+04	6.4E+04		1.7E+04
-Benz[a]anthracene	56-55-3	7.3E-01	I	1.1E-04	C					M	1	0.13	1.4E+09				2.0E-01	5.3E-01	1.2E+04	1.5E-01				
-Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C					M	1	0.13	1.4E+09				2.0E-02	5.3E-02	1.2E+03	1.5E-02				
-Benzo[b]fluoranthene	205-99-2	7.3E-01	I	1.1E-04	C					M	1	0.13	1.4E+09				2.0E-01	5.3E-01	1.2E+04	1.5E-01				
-Benzo[k]fluoranthene	207-08-9	7.3E-02	I	1.1E-04	C					M	1	0.13	1.4E+09				2.0E+00	5.3E+00	1.2E+04	1.5E+00				
-Chrysene	218-01-9	7.3E-03	I	1.1E-05	C					M	1	0.13	1.4E+09				2.0E+01	5.3E+01	1.2E+05	1.5E+01				
-Dibenz[a,h]anthracene	53-70-3	7.3E+00	I	1.2E-03	C					M	1	0.13	1.4E+09				2.0E-02	5.3E-02	1.1E+03	1.5E-02				
-Dimethylbenz[a]anthracene, 7,12-	57-97-6	2.5E+02	C	7.1E-02	C						1	0.13	1.4E+09				2.6E-03	6.2E-03	4.7E+01	1.8E-03				
-Fluoranthene	206-44-0					4.0E-02	I				1	0.13	1.4E+09								3.1E+03	8.6E+03		2.3E+03
-Fluorene	86-73-7					4.0E-02	I			V	1	0.13	1.4E+09	3.4E+05							3.1E+03	8.6E+03		2.3E+03
-Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	I	1.1E-04	C					M	1	0.13	1.4E+09				2.0E-01	5.3E-01	1.2E+04	1.5E-01				
-Methylnaphthalene, 1-	90-12-0	2.9E-02	P			7.0E-02	A			V	1	1.4E+09	6.9E+04	4.6E+02							5.5E+03			5.5E+03
-Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V	1	1.4E+09	6.8E+04	4.4E+02							3.1E+02			3.1E+02
-Naphthalene	91-20-3					2.0E-02	I	3.0E-03	I	V	1	0.13	1.4E+09	5.4E+04					3.9E+00	3.9E+00	1.6E+03	4.3E+03	1.7E+02	1.5E+02
-Pyrene	129-00-0					3.0E-02	I			V	1	0.13	1.4E+09	2.9E+06							2.3E+03	6.4E+03		1.7E+03
Potassium Perchlorate	7778-74-7					7.0E-04	I				1		1.4E+09								5.5E+01			5.5E+01
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I				1	0.1	1.4E+09				4.3E+00	1.3E+01		3.2E+00	7.0E+02	2.5E+03		5.5E+02
Profluralin	26399-36-0					6.0E-03	H				1	0.1	1.4E+09								4.7E+02	1.7E+03		3.7E+02
Prometon	1610-18-0					1.5E-02	I				1	0.1	1.4E+09								1.2E+03	4.2E+03		9.2E+02
Prometryn	7287-19-6					4.0E-03	I				1	0.1	1.4E+09								3.1E+02	1.1E+03		2.4E+02
Propachlor	1918-16-7					1.3E-02	I				1	0.1	1.4E+09								1.0E+03	3.6E+03		7.9E+02
Propanil	709-98-8					5.0E-03	I				1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02
Propargite	2312-35-8					2.0E-02	I				1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03
Propargyl Alcohol	107-19-7					2.0E-03	I				1	0.1	1.4E+09								1.6E+02	5.6E+02		1.2E+02
Propazine	139-40-2					2.0E-02	I				1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03
Propham	122-42-9					2.0E-02	I				1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03
Propiconazole	60207-90-1					1.3E-02	I				1	0.1	1.4E+09								1.0E+03	3.6E+03		7.9E+02
Propionaldehyde	123-38-6							8.0E-03	I	V			1.4E+09	1.0E+04	3.6E+04								8.6E+01	8.6E+01
Propylene Glycol	57-55-6					2.0E+01	P				1	0.1	1.4E+09								1.6E+06	5.6E+06		1.2E+06
Propylene Glycol Dinitrate	6423-43-4							2.7E-04	A	V	1		1.4E+09	2.1E+05	1.4E+03								6.0E+01	6.0E+01
Propylene Glycol Monoethyl Ether	1569-02-4					7.0E-01	H				1	0.1	1.4E+09								5.5E+04	2.0E+05		4.3E+04
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I		1	0.1	1.4E+09								5.5E+04	2.0E+05	2.8E+09	4.3E+04
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I			3.0E-02	I	V	1		1.4E+09	9.6E+03	6.8E+04					2.7E+00		6.3E+00	1.9E+00	3.0E+02
Pursuit	81335-77-5					2.5E-01	I				1	0.1	1.4E+09								2.0E+04	7.0E+04		1.5E+04
Pydrin	51630-58-1					2.5E-02	I				1	0.1	1.4E+09								2.0E+			

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #28; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant		Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	k	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	o	gen			(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Tridiphane	58138-08-2					3.0E-03	I					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02	
Triethylamine	121-44-8							7.0E-03	I	V		1		1.4E+09	2.3E+04	5.5E+04							1.7E+02		
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I					1	0.1	1.4E+09			8.3E+01	2.6E+02		6.3E+01	5.9E+02	2.1E+03		4.6E+02	
Trimethyl Phosphate	512-56-1	3.7E-02	H									1	0.1	1.4E+09			1.7E+01	5.5E+01		1.3E+01					
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V		1		1.4E+09	9.2E+03	2.5E+02							6.7E+01	6.7E+01	
Trimethylbenzene, 1,3,5-	108-67-8					5.0E-02	P	6.0E-03	P	V		1		1.4E+09	7.7E+03	2.1E+02						4.8E+01	4.7E+01		
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I					1	0.019	1.4E+09						2.3E+03	4.4E+04		2.2E+03		
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I					1	0.032	1.4E+09			2.1E+01	2.1E+02		1.9E+01	3.9E+01	4.4E+02		3.6E+01	
Triphenylphosphine Oxide	791-28-6					2.0E-02	P					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03	
Tris(2-chloroethyl)phosphate	115-96-8	1.4E-02	P			3.0E-01	P					1	0.1	1.4E+09			4.6E+01	1.4E+02		3.5E+01	2.3E+04	8.4E+04		1.8E+04	
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P					1	0.1	1.4E+09			2.0E+02	6.3E+02		1.5E+02	7.8E+03	2.8E+04		6.1E+03	
Uranium (Soluble Salts)	NA					3.0E-03	I	3.0E-04	A			1		1.4E+09							2.3E+02		4.3E+05	2.3E+02	
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026		1.4E+09					4.0E+02	4.0E+02	7.0E+02		9.9E+03	6.6E+02	
Vanadium Sulfate	36907-42-3					2.0E-02	H					0.026		1.4E+09							1.6E+03			1.6E+03	
Vanadium and Compounds	NA					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02	
Vanadium, Metallic	7440-62-2					7.0E-03	H					0.026		1.4E+09							5.5E+02			5.5E+02	
Vernolate	1929-77-7					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01	
Vinclozolin	50471-44-8					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03	
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V		1		1.4E+09	4.8E+03	2.8E+03							1.0E+03	9.9E+02	
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V		1		1.4E+09	1.5E+03	1.7E+03							4.7E+00	4.7E+00	
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		1.4E+09	1.0E+03	4.0E+03	9.3E-02		1.1E-01	1.1E-01	6.0E-02	2.3E+02		1.1E+02	7.4E+01
Warfarin	81-81-2					3.0E-04	I					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01	
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V		1		1.4E+09	5.9E+03	3.0E+02					1.6E+04		6.2E+02	6.0E+02	
Xylene, P-	106-42-3							7.0E-01	C	V		1		1.4E+09	6.4E+03	4.5E+02							4.7E+03	4.7E+03	
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V		1		1.4E+09	6.3E+03	4.4E+02					1.6E+05		4.6E+03	4.5E+03	
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V		1		1.4E+09	7.4E+03	3.0E+02					1.6E+05		5.4E+03	5.3E+03	
Zinc (Metallic)	7440-66-6					3.0E-01	I					1		1.4E+09							2.3E+04			2.3E+04	
Zinc Phosphide	1314-84-7					3.0E-04	I					1		1.4E+09							2.3E+01			2.3E+01	
Zineb	12122-67-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03	