

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; 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	IUR	k	RfDo	k	RfCI	k	v	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total		
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	e	o	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					0.1	1.4E+09							3.3E+02	5.0E+02		2.0E+02	4.1E+03	6.2E+03	2.5E+03
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V		1	1.4E+09			9.5E+03	1.1E+05					5.3E+01	5.3E+01		3.8E+02	3.8E+02
Acetochlor	34256-82-1					2.0E-02	I					0.1	1.4E+09										2.0E+04	3.1E+04	1.2E+04	
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V		1	1.4E+09			1.4E+04	1.1E+05						2.0E+04	3.1E+04	1.2E+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						9.2E+05	1.9E+06	6.1E+05	
Acetonitrile	75-05-8							6.0E-02	I	V		1	1.4E+09			1.4E+04	1.3E+05						3.1E+03	6.7E+03	2.1E+03	
Acetophenone	98-86-2					1.0E-01	I			V		1	1.4E+09			6.2E+04	2.3E+03						1.0E+05	1.0E+05	1.0E+05	
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V		1	1.4E+09			7.8E+03	2.5E+04						5.1E+02	5.1E+02	6.8E-01	
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					0.1	1.4E+09							6.4E-01	9.6E-01	1.3E+04	3.8E-01	2.0E+02	3.1E+02	1.2E+02
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I			0.1	1.4E+09										5.1E+05	7.7E+05	6.0E+06	
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	1.0E-03	H	2.0E-03	I	V		1	1.4E+09			8.2E+03	1.1E+04			5.3E+00		1.5E+00	1.2E+00	1.0E+03	7.2E+01	6.7E+01
Adiponitrile	111-69-3							6.0E-03	P			0.1	1.4E+09											3.6E+07	3.6E+07	
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					0.1	1.4E+09							5.1E+01	7.7E+01		3.1E+01	1.0E+04	1.5E+04	6.2E+03
ALAR	1596-84-5					1.5E-01	I					0.1	1.4E+09										1.5E+05	2.3E+05	9.2E+04	
Aldicarb	116-06-3					1.0E-03	I					0.1	1.4E+09										1.0E+03	1.5E+03	6.2E+02	
Aldicarb Sulfone	1646-88-4					1.0E-03	I					0.1	1.4E+09										1.0E+03	1.5E+03	6.2E+02	
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I					0.1	1.4E+09							1.7E-01	2.6E-01	3.4E+03	1.0E-01	3.1E+01	4.6E+01	1.8E+01
Allyl	74223-64-6					2.5E-01	I					0.1	1.4E+09										2.6E+05	3.9E+05	1.5E+05	
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P			0.1	1.4E+09										5.1E+03	7.7E+03	1.8E+06	
Allyl Chloride	107-05-1							1.0E-03	I	V		1	1.4E+09			1.8E+03	1.5E+03						7.7E+00	7.7E+00	3.1E+03	
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P			1	1.4E+09										1.0E+06	3.0E+07	9.9E+05	
Aluminum Phosphide	20859-73-8					4.0E-04	I					1	1.4E+09										4.1E+02	4.1E+02	4.1E+02	
Amdro	67485-29-4					3.0E-04	I					0.1	1.4E+09										3.1E+02	4.6E+02	1.8E+02	
Ametryn	834-12-8					9.0E-03	I					0.1	1.4E+09										9.2E+03	1.4E+04	5.5E+03	
Aminophenol, m-	591-27-5					8.0E-02	P					0.1	1.4E+09										8.2E+04	1.2E+05	4.9E+04	
Aminophenol, p-	123-30-8					2.0E-02	P					0.1	1.4E+09										2.0E+04	3.1E+04	1.2E+04	
Amitraz	33089-61-1					2.5E-03	I					0.1	1.4E+09										2.6E+03	3.9E+03	1.5E+03	
Ammonia	7664-41-7							1.0E-01	I			1	1.4E+09											6.0E+08	6.0E+08	
Ammonium Perchlorate	7790-98-9					7.0E-04	I					1	1.4E+09										7.2E+02	7.2E+02	7.2E+02	
Ammonium Sulfamate	7773-06-0					2.0E-01	I					1	1.4E+09										2.0E+05	2.0E+05	2.0E+05	
Aniline	62-53-3	5.7E-03	I			7.0E-03	P	1.0E-03	I			0.1	1.4E+09							5.0E+02	7.6E+02		3.0E+02	7.2E+03	1.1E+04	6.0E+06
Antimony (metallic)	7440-36-0					4.0E-04	I					0.15	1.4E+09										4.1E+02	4.1E+02	4.1E+02	
Antimony Pentoxide	1314-60-9					5.0E-04	H					0.15	1.4E+09										5.1E+02	5.1E+02	5.1E+02	
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H					0.15	1.4E+09										9.2E+02	9.2E+02	9.2E+02	
Antimony Tetroxide	1332-81-6					4.0E-04	H					0.15	1.4E+09										4.1E+02	4.1E+02	4.1E+02	
Antimony Trioxide	1309-64-4					4.0E-04	H	2.0E-04	I			0.15	1.4E+09										4.1E+02	1.2E+06	4.1E+02	
Apollo	74115-24-5					1.3E-02	I					0.1	1.4E+09										1.3E+04	2.0E+04	8.0E+03	
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H					0.1	1.4E+09							1.1E+02	1.7E+02	2.3E+06	6.9E+01	5.1E+04	7.7E+04	3.1E+04
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	3.0E-05	C			0.03	1.4E+09							1.9E+00	9.6E+00	3.9E+03	1.6E+00	3.1E+02	1.5E+03	1.8E+05
Arsine	7784-42-1							5.0E-05	I			1	1.4E+09											3.0E+05	3.0E+05	
Assure	76578-14-8					9.0E-03	I					0.1	1.4E+09										9.2E+03	1.4E+04	5.5E+03	
Asulam	3337-71-1					5.0E-02	I					0.1	1.4E+09										5.1E+04	7.7E+04	3.1E+04	
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I					0.1	1.4E+09							1.2E+01	1.9E+01		7.5E+00	3.6E+04	5.4E+04	2.2E+04
Avermectin B1	65195-55-3					4.0E-04	I					0.1	1.4E+09										4.1E+02	6.2E+02	2.5E+02	
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V		1	1.4E+09			4.2E+05				2.6E+01		1.6E+02	2.2E+01			
Barium	7440-39-3					2.0E-01	I	5.0E-04	H			0.07	1.4E+09										2.0E+05	3.0E+06	1.9E+05	
Baygon	114-26-1					4.0E-03	I					0.1	1.4E+09										4.1E+03	6.2E+03	2.5E+03	
Bayleton	43121-43-3					3.0E-02	I					0.1	1.4E+09										3.1E+04	4.6E+04	1.8E+04	
Baythroid	68359-37-5					2.5E-02	I					0.1	1.4E+09										2.6E+04	3.9E+04	1.5E+04	
Benefin	1861-40-1					3.0E-01	I					0.1	1.4E+09										3.1E+05	4.6E+05	1.8E+05	
Benomyl	17804-35-2					5.0E-02	I					0.1	1.4E+09										5.1E+04	7.7E+04	3.1E+04	
Bentazon	25057-89-0					3.0E-02	I					0.1	1.4E+09										3.1E+04	4.6E+04	1.8E+04	
Benzaldehyde	100-52-7					1.0E-01	I			V		1	1.4E+09			3.2E+04	1.9E+03						1.0E+05	1.0E+05	1.0E+05	
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1	1.4E+09			4.0E+03	2.0E+03			5.2E+01		6.3E+00	5.6E+00	4.1E+03	5.3E+02	4.7E+02
Benzenethiol	108-98-5					1.0E-05	H			V		1	1.4E+09			2.2E+04	1.4E+03						1.0E+01	1.0E+01	1.0E+01	
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I																			

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO (mg/kg-day) ¹	ke (y)	IUR (ug/m ³) ¹	ke (y)	RfDo (mg/kg-day)	ke (y)	RfCi (mg/m ³)	ke (y)	Vo (y)	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion (mg/kg)	Dermal (mg/kg)	Inhalation (mg/kg)	Total (mg/kg)	Ingestion (mg/kg)	Dermal (mg/kg)	Inhalation (mg/kg)	Total (mg/kg)
BifenoX	42576-02-3					9.0E-03	P				1	0.1	1.4E+09									9.2E+03	1.4E+04	5.5E+03
Biphenrin	82657-04-3					1.5E-02	I					0.1	1.4E+09									1.5E+04	2.3E+04	9.2E+03
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V	1		1.4E+09	1.4E+05	2.6E+02							5.1E+04		5.1E+04
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P					0.1	1.4E+09									3.1E+03	4.6E+03	1.8E+03
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I					V	1		1.4E+09	3.7E+04	3.3E+03	2.6E+00		1.4E+00	9.0E-01					
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V	1		1.4E+09	2.3E+04	5.7E+02	4.1E+01		2.8E+01	1.7E+01	4.1E+04				4.1E+04
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I			2.0E-02	I					0.1	1.4E+09			2.0E+02	3.1E+02	1.2E+02	2.0E+04	3.1E+04				1.2E+04
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I					V	1		1.4E+09	7.6E+03	2.8E+03	1.3E-02		1.5E-03	1.3E-03					
Bisphenol A	80-05-7					5.0E-02	I				1	0.1	1.4E+09									5.1E+04	7.7E+04	3.1E+04
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H		1		1.4E+09									2.0E+05	1.2E+08	2.0E+05
Boron Trifluoride	7637-07-2							7.0E-04	H		1		1.4E+09										4.2E+06	4.2E+06
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I				1		1.4E+09			4.1E+00		4.1E+00	4.1E+03				4.1E+03	4.1E+03
Bromobenzene	108-86-1					2.0E-02	P	1.0E-02	P	V	1		1.4E+09	9.6E+03	7.7E+02							2.0E+04	4.2E+02	4.1E+02
Bromodichloromethane	75-27-4	6.2E-02	I			2.0E-02	I			V	1		1.4E+09	4.4E+03	9.9E+02	4.6E+01		4.6E+01	2.0E+04	2.0E+04				2.0E+04
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I				1	0.1	1.4E+09			3.6E+02	5.5E+02	1.5E+07	2.2E+02	2.0E+04	3.1E+04			1.2E+04
Bromomethane	74-83-9					1.4E-03	I	5.0E-03	I	V	1		1.4E+09	1.6E+03	3.6E+03							1.4E+03	3.6E+01	3.5E+01
Bromophos	2104-96-3					5.0E-03	H				1	0.1	1.4E+09									5.1E+03	7.7E+03	3.1E+03
Bromoxynil	1689-84-5					2.0E-02	I				1	0.1	1.4E+09									2.0E+04	3.1E+04	1.2E+04
Bromoxynil Octanoate	1689-99-2					2.0E-02	I				1	0.1	1.4E+09									2.0E+04	3.1E+04	1.2E+04
Butadiene, 1,3-	106-99-0			3.0E-05	I			2.0E-03	I	V	1		1.4E+09	9.4E+02	6.9E+02			3.9E-01	3.9E-01				8.3E+00	8.3E+00
Butanol, n-	71-36-3					1.0E-01	I				1	0.1	1.4E+09									1.0E+05	1.5E+05	6.2E+04
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I				1	0.1	1.4E+09			1.5E+03	2.3E+03		9.1E+02	2.0E+05	3.1E+05			1.2E+05
Butylate	2008-41-5					5.0E-02	I				1	0.1	1.4E+09									5.1E+04	7.7E+04	3.1E+04
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I				1	0.1	1.4E+09									1.0E+06	1.5E+06	6.2E+05
Cacodylic Acid	75-60-5					2.0E-02	A				1	0.1	1.4E+09									2.0E+04	3.1E+04	1.2E+04
Cadmium (Diet)	7440-43-9			1.8E-03	I	1.0E-03	I				0.025	0.001	1.4E+09					9.3E+03	9.3E+03	1.0E+03	3.9E+03			8.1E+02
Caprolactam	105-60-2					5.0E-01	I				1	0.1	1.4E+09									5.1E+05	7.7E+05	3.1E+05
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I				1	0.1	1.4E+09			1.9E+01	2.9E+01	3.9E+05	1.1E+01	2.0E+03	3.1E+03			1.2E+03
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I				1	0.1	1.4E+09			1.2E+03	1.9E+03	2.5E+07	7.5E+02	1.3E+05	2.0E+05			8.0E+04
Carbaryl	63-25-2					1.0E-01	I				1	0.1	1.4E+09									1.0E+05	1.5E+05	6.2E+04
Carbofuran	1563-66-2					5.0E-03	I				1	0.1	1.4E+09									5.1E+03	7.7E+03	3.1E+03
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V	1		1.4E+09	1.0E+03	2.6E+02							1.0E+05	3.1E+03	3.0E+03
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	2.2E+01		1.3E+00	1.3E+00	7.2E+02		1.4E+03	4.7E+02	
Carbosulfan	55285-14-8					1.0E-02	I				1	0.1	1.4E+09									1.0E+04	1.5E+04	6.2E+03
Carboxin	5234-68-4					1.0E-01	I				1	0.1	1.4E+09									1.0E+05	1.5E+05	6.2E+04
Chloral Hydrate	302-17-0					1.0E-01	I				1	0.1	1.4E+09									1.0E+05	1.5E+05	6.2E+04
Chloramben	133-90-4					1.5E-02	I				1	0.1	1.4E+09									1.5E+04	2.3E+04	9.2E+03
Chloranil	118-75-2	4.0E-01	H								1	0.1	1.4E+09			7.1E+00	1.1E+01		4.3E+00					
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I		1	0.04	1.4E+09			8.2E+00	3.1E+01	1.7E+05	6.5E+00	5.1E+02	1.9E+03	4.2E+06	4.0E+02	
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C						1	0.1	1.4E+09			1.8E-01	2.7E-01	3.6E+03	1.1E-01					
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I				1	0.1	1.4E+09									2.0E+04	3.1E+04	1.2E+04
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A		1		1.4E+09									1.0E+05	8.6E+05	9.1E+04
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I		1		1.4E+09									3.1E+04		3.0E+04
Chlorite (Sodium Salt)	7758-19-2					3.0E-02	I				1		1.4E+09									3.1E+04		3.1E+04
Chloro-1,1-difluoroethane, 1-	75-68-3							5.0E+01	I	V	1		1.4E+09	1.1E+03	1.2E+03								2.5E+05	2.5E+05
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							2.0E+04	3.6E+01	3.6E+01
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H								1	0.1	1.4E+09			6.2E+00	9.4E+00		3.7E+00					
Chloro-2-methylaniline, 4-	95-69-2	2.7E-01	C	7.7E-05	C						1	0.1	1.4E+09			1.1E+01	1.6E+01	2.2E+05	6.4E+00					
Chloroacetic Acid	79-11-8					2.0E-03	H				1	0.1	1.4E+09									2.0E+03	3.1E+03	1.2E+03
Chloroacetophenone, 2-	532-27-4							3.0E-05	I		1	0.1	1.4E+09										1.8E+05	1.8E+05
Chloroaniline, p-	106-47-8	5.4E-02	P			4.0E-03	I				1	0.1	1.4E+09			5.3E+01	8.0E+01		3.2E+01	4.1E+03	6.2E+03			2.5E+03
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V	1		1.4E+09	7.4E+03	8.6E+02							2.0E+04	1.6E+03	1.5E+03
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I				1	0.1	1.4E+09			2.6E+01	3.9E+01	5.4E+05	1.6E+01	2.0E+04	3.1E+04			1.2E+04
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V	1		1.4E+09	7.9E+03	5.5E+02							3.1E+03	1.0E+04	2.4E+03
Chlorobutane, 1-	109-69-3					4.0E-02	P			V	1		1.4E+09	2.0E+03	7.9E+02							4.1E+04		4.1E+04
Chlorodifluoromethane	75-45-6							5.0E+01	I	V	1		1.4E+09	1.0E+03	1.7E+03								2.2E+05	2.2E+05
Chloroform																								

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; 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	IUR	k	RfD	k	RfC	k	v	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total		
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	e	o	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1	1.4E+09					9.2E+02	1.4E+03	1.9E+07	5.6E+02	1.5E+04	2.3E+04	9.2E+03
Chlorotoluene, o-	95-49-8					2.0E-02	I					V		1	1.4E+09	9.4E+03	1.0E+03					2.0E+04			2.0E+04
Chlorotoluene, p-	106-43-4					7.0E-02	P					V		1	1.4E+09	8.4E+03	2.9E+02					7.2E+04			7.2E+04
Chlorpropham	101-21-3					2.0E-01	I							1	0.1	1.4E+09						2.0E+05	3.1E+05		1.2E+05
Chlorpyrifos	2921-88-2					3.0E-03	I							1	0.1	1.4E+09						3.1E+03	4.6E+03		1.8E+03
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H							1	0.1	1.4E+09						1.0E+04	1.5E+04		6.2E+03
Chlorsulfuron	64902-72-3					5.0E-02	I							1	0.1	1.4E+09						5.1E+04	7.7E+04		3.1E+04
Chlorthiophos	60238-56-4					8.0E-04	H							1	0.1	1.4E+09						8.2E+02	1.2E+03		4.9E+02
Chromium (III) (Insoluble Salts)	16065-83-1					1.5E+00	I							0.013		1.4E+09						1.5E+06			1.5E+06
Chromium VI (particulates)	18540-29-9					8.4E-02	I	3.0E-03	I	1.0E-04	I			0.025		1.4E+09			2.0E+02	2.0E+02		3.1E+03		6.0E+05	3.1E+03
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3					1.2E-02	I							0.013		1.4E+09			1.4E+03	1.4E+03					
Cobalt	7440-48-4					9.0E-03	P	3.0E-04	P	6.0E-06	P			1		1.4E+09			1.9E+03	1.9E+03		3.1E+02		3.6E+04	3.0E+02
Copper	7440-50-8					4.0E-02	H							1		1.4E+09						4.1E+04			4.1E+04
Cresol, m-	108-39-4					5.0E-02	I							1	0.1	1.4E+09						5.1E+04	7.7E+04		3.1E+04
Cresol, o-	95-48-7					5.0E-02	I							1	0.1	1.4E+09						5.1E+04	7.7E+04		3.1E+04
Cresol, p-	106-44-5					5.0E-03	H							1	0.1	1.4E+09						5.1E+03	7.7E+03		3.1E+03
Crotonaldehyde, trans-	123-73-9	1.9E+00	H									V		1		1.4E+09	2.2E+04	2.4E+04			1.5E+00		1.5E+00		
Cumene	98-82-8					1.0E-01	I	4.0E-01	I	V				1		1.4E+09	7.2E+03	3.1E+02				1.0E+05		1.3E+04	1.1E+04
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H							1	0.1	1.4E+09			3.4E+00	5.2E+00		2.1E+00	2.0E+03	3.1E+03	1.2E+03
Cyclohexane	110-82-7							6.0E+00	I	V				1		1.4E+09	1.2E+03	1.2E+02						3.0E+04	3.0E+04
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H											1	0.1	1.4E+09			1.2E+02	1.9E+02		7.5E+01			
Cyclohexanone	108-94-1					5.0E+00	I							1	0.1	1.4E+09						5.1E+06	7.7E+06		3.1E+06
Cyclohexylamine	108-91-8					2.0E-01	I							1	0.1	1.4E+09						2.0E+05	3.1E+05		1.2E+05
Cyhalothrin/karate	68085-85-8					5.0E-03	I							1	0.1	1.4E+09						5.1E+03	7.7E+03		3.1E+03
Cypermethrin	52315-07-8					1.0E-02	I							1	0.1	1.4E+09						1.0E+04	1.5E+04		6.2E+03
Cyromazine	66215-27-8					7.5E-03	I							1	0.1	1.4E+09						7.7E+03	1.2E+04		4.6E+03
Cyanides																									
Calcium Cyanide	592-01-8					4.0E-02	I							1		1.4E+09						4.1E+04			4.1E+04
Copper Cyanide	544-92-3					5.0E-03	I							1		1.4E+09						5.1E+03			5.1E+03
Cyanide (CN-)	57-12-5					2.0E-02	I							1		1.4E+09						2.0E+04			2.0E+04
Cyanogen	460-19-5					4.0E-02	I					V		1		1.4E+09						4.1E+04			4.1E+04
Cyanogen Bromide	506-68-3					9.0E-02	I					V		1		1.4E+09						9.2E+04			9.2E+04
Cyanogen Chloride	506-77-4					5.0E-02	I					V		1		1.4E+09						5.1E+04			5.1E+04
Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V				1		1.4E+09						2.0E+04		1.8E+07	2.0E+04
Potassium Cyanide	151-50-8					5.0E-02	I							1		1.4E+09						5.1E+04			5.1E+04
Potassium Silver Cyanide	506-61-6					2.0E-01	I						0.04			1.4E+09						2.0E+05			2.0E+05
Silver Cyanide	506-64-9					1.0E-01	I						0.04			1.4E+09						1.0E+05			1.0E+05
Sodium Cyanide	143-33-9					4.0E-02	I							1		1.4E+09						4.1E+04			4.1E+04
Thiocyanate	463-56-9					2.0E-04	P					V		1		1.4E+09	7.0E+03	5.6E+03				2.0E+02			2.0E+02
Zinc Cyanide	557-21-1					5.0E-02	I							1		1.4E+09						5.1E+04			5.1E+04
Dacthal	1861-32-1					1.0E-02	I							1	0.1	1.4E+09						1.0E+04	1.5E+04		6.2E+03
Dalapon	75-99-0					3.0E-02	I							1	0.1	1.4E+09						3.1E+04	4.6E+04		1.8E+04
DDD	72-54-8	2.4E-01	I											1	0.1	1.4E+09			1.2E+01	1.8E+01		7.2E+00			
DDE, p,p'-	72-55-9	3.4E-01	I											1	0.1	1.4E+09			8.4E+00	1.3E+01		5.1E+00			
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I							1	0.03	1.4E+09			8.4E+00	4.3E+01	1.7E+05	7.0E+00	5.1E+02	2.6E+03	4.3E+02
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			4.1E+03	6.2E+03		2.5E+03	7.2E+03	1.1E+04	4.3E+03
Demeton	8065-48-3					4.0E-05	I							1	0.1	1.4E+09						4.1E+01	6.2E+01		2.5E+01
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I							1	0.1	1.4E+09			2.4E+03	3.6E+03		1.4E+03	6.1E+05	9.3E+05	3.7E+05
Diallate	2303-16-4	6.1E-02	H											1	0.1	1.4E+09			4.7E+01	7.1E+01		2.8E+01			
Diazinon	333-41-5					9.0E-04	H							1	0.1	1.4E+09						9.2E+02	1.4E+03		5.5E+02
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	3.6E+00		7.4E-02	7.3E-02	2.0E+02	3.2E+01	2.8E+01
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I							1	0.1	1.4E+09						1.0E+04	1.5E+04		6.2E+03
Dibromochloromethane	124-48-1	8.4E-02	I			2.0E-02	I					V		1	0.1	1.4E+09	8.8E+03	8.5E+02	3.4E+01	5.2E+01		2.1E+01	2.0E+04	3.1E+04	1.2E+04
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	1.4E+00		1.9E-01	1.7E-01	9.2E+03	3.8E+02	3.6E+02
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H					V		1		1.4E+09	6.2E+03	3.0E+03				1.0E+04			1.0E+04
Dibutyl Phthalate	84-74-2					1.0E-01	I							1	0.1	1.4E+09						1.0E+05	1.5E+05		6.2E+04
Dibutyltin Compounds	NA					3.0E-04	P							1	0.1	1.4E+09					</				

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											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	v	o	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Glufosinate, Ammonium	77182-82-2					4.0E-04	I					1	0.1	1.4E+09								4.1E+02	6.2E+02		2.5E+02
Glycidyl	765-34-4					4.0E-04	I	1.0E-03	H			1	0.1	1.4E+09								4.1E+02	6.2E+02	6.0E+06	2.5E+02
Glyphosate	1071-83-6					1.0E-01	I					1	0.1	1.4E+09								1.0E+05	1.5E+05		6.2E+04
Goal	42874-03-3					3.0E-03	I					1	0.1	1.4E+09								3.1E+03	4.6E+03		1.8E+03
Haloxypol, Methyl	69806-40-2					5.0E-05	I					1	0.1	1.4E+09								5.1E+01	7.7E+01		3.1E+01
Harmony	79277-27-3					1.3E-02	I					1	0.1	1.4E+09								1.3E+04	2.0E+04		8.0E+03
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1	1.4E+09				6.4E-01	9.6E-01	1.3E+04	3.8E-01	5.1E+02	7.7E+02		3.1E+02
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1	1.4E+09				3.1E-01	4.8E-01	6.4E+03	1.9E-01	1.3E+01	2.0E+01		8.0E+00
Hexabromobenzene	87-82-1					2.0E-03	I					1	0.1	1.4E+09								2.0E+03	3.1E+03		1.2E+03
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1	1.4E+09				1.8E+00	2.7E+00	3.6E+04	1.1E+00	8.2E+02	1.2E+03		4.9E+02
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1	1.4E+09				3.7E+01	5.6E+01	7.6E+05	2.2E+01	1.0E+03	1.5E+03		6.2E+02
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I							1	0.1	1.4E+09				4.5E-01	6.9E-01	9.3E+03	2.7E-01				
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							1	0.1	1.4E+09				1.6E+00	2.4E+00	3.1E+04	9.6E-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				2.6E+00	9.9E+00	5.4E+04	2.1E+00	3.1E+02	1.2E+03		2.4E+02
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							1	0.1	1.4E+09				1.6E+00	2.4E+00	3.3E+04	9.6E-01				
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I			1	0.1	1.4E+09								6.1E+03	9.3E+03	1.2E+06	3.7E+03
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1	1.4E+09				2.0E+02	3.1E+02	4.2E+06	1.2E+02	1.0E+03	1.5E+03		6.2E+02
Hexachlorophene	70-30-4					3.0E-04	I					1	0.1	1.4E+09								3.1E+02	4.6E+02		1.8E+02
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				2.6E+01	2.6E+02		2.4E+01	3.1E+03	3.1E+04		2.8E+03
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V		1		1.4E+09	3.6E+05	4.1E+03								1.6E+01	1.6E+01
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V		1		1.4E+09	9.0E+02	1.4E+02						6.1E+04		2.7E+03	2.6E+03
Hexanedioic Acid	124-04-9					2.0E+00	P					1	0.1	1.4E+09								2.0E+06	3.1E+06		1.2E+06
Hexazinone	51235-04-2					3.3E-02	I					1	0.1	1.4E+09								3.4E+04	5.1E+04		2.0E+04
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C			1		1.4E+09				9.5E-01		3.4E+03	9.5E-01			1.2E+06	1.2E+06
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							1		1.4E+09				9.5E-01		3.4E+03	9.5E-01			1.2E+06	1.2E+06
Hydrogen Chloride	7647-01-0							2.0E-02	I			1		1.4E+09										1.2E+08	1.2E+08
Hydrogen Sulfide	7783-06-4							2.0E-03	I			1		1.4E+09										1.2E+07	1.2E+07
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P					1	0.1	1.4E+09				5.1E+01	7.7E+01		3.1E+01	4.1E+04	6.2E+04		2.5E+04
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I					1		1.4E+09								2.0E+02			2.0E+02
Imazaill	35554-44-0					1.3E-02	I					1	0.1	1.4E+09								1.3E+04	2.0E+04		8.0E+03
Imazaquin	81335-37-7					2.5E-01	I					1	0.1	1.4E+09								2.6E+05	3.9E+05		1.5E+05
Iprodione	36734-19-7					4.0E-02	I					1	0.1	1.4E+09								4.1E+04	6.2E+04		2.5E+04
Iron	7439-89-6					7.0E-01	P					1		1.4E+09								7.2E+05			7.2E+05
Isobutyl Alcohol	78-83-1					3.0E-01	I			V		1		1.4E+09	3.0E+04	9.6E+03					3.1E+05			3.1E+05	
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1	1.4E+09				3.0E+03	4.6E+03		1.8E+03	2.0E+05	3.1E+05	1.2E+10	1.2E+05
Isopropalin	33820-53-0					1.5E-02	I					1	0.1	1.4E+09								1.5E+04	2.3E+04		9.2E+03
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I					1	0.1	1.4E+09								1.0E+05	1.5E+05		6.2E+04
Isoxaben	82558-50-7					5.0E-02	I					1	0.1	1.4E+09								5.1E+04	7.7E+04		3.1E+04
Kerb	23950-58-5					7.5E-02	I					1	0.1	1.4E+09								7.7E+04	1.2E+05		4.6E+04
Lactofen	77501-63-4					2.0E-03	I					1	0.1	1.4E+09								2.0E+03	3.1E+03		1.2E+03
Linuron	330-55-2					2.0E-03	I					1	0.1	1.4E+09								2.0E+03	3.1E+03		1.2E+03
Lithium	7439-93-2					2.0E-03	P					1		1.4E+09								2.0E+03			2.0E+03
Lithium Perchlorate	7791-03-9					7.0E-04	I					1		1.4E+09								7.2E+02			7.2E+02
Londax	83055-99-6					2.0E-01	I					1	0.1	1.4E+09								2.0E+05	3.1E+05		1.2E+05
Lead Compounds																									
Lead and Compounds	7439-92-1											1		1.4E+09											8.0E+02
Tetraethyl Lead	78-00-2					1.0E-07	I					1	0.1	1.4E+09								1.0E-01	1.5E-01		6.2E-02
Malathion	121-75-5					2.0E-02	I					1	0.1	1.4E+09								2.0E+04	3.1E+04		1.2E+04
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C			1	0.1	1.4E+09								1.0E+05	1.5E+05	4.2E+06	6.1E+04
Maleic Hydrazide	123-33-1					5.0E-01	I					1	0.1	1.4E+09								5.1E+05	7.7E+05		3.1E+05
Malononitrile	109-77-3					1.0E-04	P					1	0.1	1.4E+09								1.0E+02	1.5E+02		6.2E+01
Mancozeb	8018-01-7					3.0E-02	H					1	0.1	1.4E+09								3.1E+04	4.6E+04		1.8E+04
Maneb	12427-38-2					5.0E-03	I					1	0.1	1.4E+09								5.1E+03	7.7E+03		3.1E+03
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I			0.04		1.4E+09								2.5E+04		3.0E+05	2.3E+04
MCPA	94-74-6					5.0E-04	I					1	0.1	1.4E+09								5.1E+02	7.7E+02		3.1E+02
MCPB	94-81-5					1.0E-02	I					1	0.1	1.4E+09								1.0E+04	1.5E+04		6.2E+03
MCPB</																									

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; 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 (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	v o l a t i l e	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
Methacrylonitrile	126-98-7				1.0E-04		7.0E-04		H	V		1		1.4E+09	7.3E+03	4.5E+03					1.0E+02		2.2E+01	1.8E+01	
Methamidophos	10265-92-6				5.0E-05				I			1	0.1	1.4E+09							5.1E+01	7.7E+01		3.1E+01	
Methanol	67-56-1				5.0E-01		4.0E+00		C			1	0.1	1.4E+09							5.1E+05	7.7E+05	2.4E+10	3.1E+05	
Methidathion	950-37-8				1.0E-03				I			1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02	
Methomyl	16752-77-5				2.5E-02				I			1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04	
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C							1	0.1	1.4E+09			5.8E+01	8.8E+01	1.2E+06	3.5E+01					
Methoxychlor	72-43-5				5.0E-03				I			1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03	
Methoxyethanol Acetate, 2-	110-49-6				2.0E-03				H			1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03	
Methoxyethanol, 2-	109-86-4				3.0E-03		2.0E-02		I			1	0.1	1.4E+09							3.1E+03	4.6E+03	1.2E+08	1.8E+03	
Methyl Acetate	79-20-9				1.0E+00				H		V	1		1.4E+09	8.8E+03	2.9E+04					1.0E+06			1.0E+06	
Methyl Acrylate	96-33-3				3.0E-02				H		V	1		1.4E+09	7.6E+03	6.9E+03					3.1E+04			3.1E+04	
Methyl Ethyl Ketone (2-Butanone)	78-93-3				6.0E-01		5.0E+00		I	V		1		1.4E+09	1.3E+04	2.8E+04					6.1E+05	2.8E+05		1.9E+05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				8.0E-02		3.0E+00		I	V		1		1.4E+09	1.1E+04	3.2E+03					8.2E+04	1.5E+05		5.2E+04	
Methyl Methacrylate	80-62-6				1.4E+00		7.0E-01		I	V		1		1.4E+09	6.8E+03	2.5E+03					1.4E+06	2.1E+04		2.0E+04	
Methyl Parathion	298-00-0				2.5E-04				I			1	0.1	1.4E+09							2.6E+02	3.9E+02		1.5E+02	
Methyl Styrene (Mixed Isomers)	25013-15-4				6.0E-03		4.0E-02		H	V		1		1.4E+09	7.6E+03	4.5E+02					6.1E+03		1.3E+03	1.1E+03	
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	1.6E+03		2.2E+02	1.9E+02				6.1E+04	6.1E+04
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1	1.4E+09			8.7E+01	1.3E+02							
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							1	0.1	1.4E+09			2.2E+01	3.3E+01	4.5E+05	1.3E+01					
Methylarsonic acid	124-58-3				1.0E-02				A		A	1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03	
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	1.1E+00		A	V		1		1.4E+09	2.4E+03	3.5E+03	3.8E+02		6.3E+01	5.4E+01	6.1E+04		1.1E+04	9.4E+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			2.9E+01	4.3E+01	3.9E+04	1.7E+01	2.0E+03	3.1E+03		1.2E+03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	4.6E-02	I									1	0.1	1.4E+09			6.2E+01	9.4E+01		3.7E+01					
Methylenebisbenzenamine, 4,4'	101-77-9	1.6E+00	C	4.6E-04	C							1	0.1	1.4E+09			1.8E+00	2.7E+00	3.6E+04	1.1E+00					
Methylenediphenyl Diisocyanate	101-68-8					6.0E-04			I			1	0.1	1.4E+09									3.6E+06	3.6E+06	
Methylstyrene, Alpha-	98-83-9				7.0E-02				H		V	1		1.4E+09	1.5E+04	4.5E+02					7.2E+04			7.2E+04	
Metolachlor	51218-45-2				1.5E-01				I			1	0.1	1.4E+09							1.5E+05	2.3E+05		9.2E+04	
Metribuzin	21087-64-9				2.5E-02				I			1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04	
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04			I			1	0.1	1.4E+09			1.6E-01	2.4E-01	3.3E+03	9.6E-02	2.0E+02	3.1E+02		1.2E+02	
Molinate	2212-67-1				2.0E-03				I			1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03	
Molybdenum	7439-98-7				5.0E-03				I			1		1.4E+09							5.1E+03			5.1E+03	
Monochloramine	10599-90-3				1.0E-01				I			1		1.4E+09							1.0E+05			1.0E+05	
Monomethylaniline	100-61-8				2.0E-03				P			1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03	
Mercury Compounds																									
Mercuric Chloride	7487-94-7				3.0E-04				I			0.07		1.4E+09							3.1E+02			3.1E+02	
Mercuric Sulfide	1344-48-5				3.0E-04		S					1		1.4E+09							3.1E+02			3.1E+02	
Mercury (elemental)	7439-97-6						3.0E-04		I	V		1		1.4E+09	2.1E+04	3.1E+00							2.8E+01	2.8E+01	
Mercury, Inorganic Salts	NA				3.0E-04				I			0.07		1.4E+09							3.1E+02			3.1E+02	
Methyl Mercury	22967-92-6				1.0E-04				I			1		1.4E+09							1.0E+02			1.0E+02	
Phenylmercuric Acetate	62-38-4				8.0E-05				I			1	0.1	1.4E+09							8.2E+01	1.2E+02		4.9E+01	
N,N'-Diphenyl-1,4-benzenediamine Naled	74-31-7				3.0E-04				P			1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02	
Naled	300-76-5				2.0E-03				I			1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03	
Napropamide	15299-99-7				1.0E-01				I			1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04	
Nickel Refinery Dust	NA			2.4E-04	I							0.04		1.4E+09					6.9E+04	6.9E+04					
Nickel Soluble Salts	7440-02-0				2.0E-02				I			0.04		1.4E+09							2.0E+04			2.0E+04	
Nickel Subsulfide	12035-72-2				4.8E-04				I			0.04		1.4E+09					3.5E+04	3.5E+04					
Nitrate	14797-55-8				1.6E+00				I			1		1.4E+09							1.6E+06			1.6E+06	
Nitrite	14797-65-0				1.0E-01				I			1		1.4E+09							1.0E+05			1.0E+05	
Nitroaniline, 3-	99-09-2	2.1E-02	P		3.0E-04		1.0E-03		P			1	0.1	1.4E+09			1.4E+02	2.1E+02		8.2E+01	3.1E+02	4.6E+02	6.0E+06	1.8E+02	
Nitroaniline, 4-	100-01-6	2.1E-02	P		3.0E-03		4.0E-03		P			1	0.1	1.4E+09			1.4E+02	2.1E+02		8.2E+01	3.1E+03	4.6E+03	2.4E+07	1.8E+03	
Nitrobenzene	98-95-3				5.0E-04		2.0E-03		H	V		1		1.4E+09	7.3E+04	2.6E+03					5.1E+02		6.4E+02	2.8E+02	
Nitrofurantoin	67-20-9				7.0E-02				H			1	0.1	1.4E+09							7.2E+04	1.1E+05		4.3E+04	
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C							1	0.1	1.4E+09			2.2E+00	3.3E+00	4.5E+04	1.3E+00					
Nitroglycerin	55-63-0	1.7E-02	P		1.0E-04				P			1	0.1	1.4E+09			1.7E+02	2.6E+02		1.0E+02	1.5E+02			6.2E+01	
Nitroguanidine	556-88-7				1.0E-01				I			1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04	
Nitromethane	75-52-5			9.0E-06	P		2.0E-02		P	V		1		1.4E+09	1.7E+04	1.7E+04					2.4E+01	2.4E+01		1.5E+03	
Nitropropane, 2-	79-46-9				2.7E-03		2.0E-02		I	V		1		1.4E+09	1.3E+04	4.3E+03					6.0E-02	6.0E-02		1.2E+03	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I					V		1		1.4E+09											

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1														
		SFO (mg/kg- day) ⁻¹	k e IUR (ug/m ³) ⁻¹	k e RID ₀ (mg/kg- day)	k e RfC (mg/m ³)	k e V o m u t a g e n	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg												
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P				M	1	0.1	1.4E+09							5.6E-02	8.5E-02	1.2E+03	3.4E-02	8.2E+00	1.2E+01				4.9E+00	
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I									1	0.1	1.4E+09							5.8E+02	8.8E+02		3.5E+02							
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I									1	0.1	1.4E+09							1.3E-01	2.0E-01		7.8E-02							
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I							1	0.1	1.4E+09							1.4E+00	2.1E+00	2.7E+04	8.2E-01							
Nitrotoluene, m-	99-08-1			2.0E-02	P							1	0.1	1.4E+09											2.0E+04	3.1E+04				1.2E+04	
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P				V	1		1.4E+09	1.4E+05	1.3E+03					1.3E+01			1.3E+01	9.2E+02					9.2E+02	
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P					1	0.1	1.4E+09							1.8E+02	2.7E+02		1.1E+02	4.1E+03	6.2E+03				2.5E+03	
Norflurazon	27314-13-2			4.0E-02	I							1	0.1	1.4E+09											4.1E+04	6.2E+04				2.5E+04	
Nustar	85509-19-9			7.0E-04	I							1	0.1	1.4E+09											7.2E+02	1.1E+03				4.3E+02	
Octabromodiphenyl Ether	32536-52-0			3.0E-03	I							1	0.1	1.4E+09											3.1E+03	4.6E+03				1.8E+03	
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											5.1E+04	1.3E+06				4.9E+04	
Octamethylpyrophosphoramide	152-16-9			2.0E-03	H							1	0.1	1.4E+09											2.0E+03	3.1E+03				1.2E+03	
Oryzalin	19044-88-3			5.0E-02	I							1	0.1	1.4E+09											5.1E+04	7.7E+04				3.1E+04	
Oxadiazon	19666-30-9			5.0E-03	I							1	0.1	1.4E+09												5.1E+03	7.7E+03				3.1E+03
Oxamyl	23135-22-0			2.5E-02	I							1	0.1	1.4E+09											2.6E+04	3.9E+04				1.5E+04	
Paclitaxel	76738-62-0			1.3E-02	I							1	0.1	1.4E+09											1.3E+04	2.0E+04				8.0E+03	
Paraquat Dichloride	1910-42-5			4.5E-03	I							1	0.1	1.4E+09											4.6E+03	7.0E+03				2.8E+03	
Parathion	56-38-2			6.0E-03	H							1	0.1	1.4E+09											6.1E+03	9.3E+03				3.7E+03	
Pebulate	1114-71-2			5.0E-02	H							1	0.1	1.4E+09											5.1E+04	7.7E+04				3.1E+04	
Pendimethalin	40487-42-1			4.0E-02	I							1	0.1	1.4E+09											4.1E+04	6.2E+04				2.5E+04	
Pentabromodiphenyl Ether	32534-81-9			2.0E-03	I							1	0.1	1.4E+09											2.0E+03	3.1E+03				1.2E+03	
Pentabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-99)	60348-60-9			1.0E-04	I							1	0.1	1.4E+09											1.0E+02					1.0E+02	
Pentachlorobenzene	608-93-5			8.0E-04	I							1	0.1	1.4E+09											8.2E+02	1.2E+03				4.9E+02	
Pentachloroethane	76-01-7	9.0E-02	P									1	0.1	1.4E+09							3.2E+01	4.8E+01		1.9E+01							
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I					1	0.1	1.4E+09							1.1E+01	1.7E+01		6.6E+00	3.1E+03	4.6E+03				1.8E+03	
Pentachlorophenol	87-86-5	1.2E-01	I			3.0E-02	I					1	0.25	1.4E+09							2.4E+01	1.4E+01		9.0E+00	3.1E+04	1.9E+04				1.2E+04	
Perchlorate and Perchlorate Salts	14797-73-0			7.0E-04	I							1		1.4E+09											7.2E+02					7.2E+02	
Permethrin	52645-53-1			5.0E-02	I							1	0.1	1.4E+09											5.1E+04	7.7E+04				3.1E+04	
Phenmedipham	13684-63-4			2.5E-01	I							1	0.1	1.4E+09											2.6E+05	3.9E+05				1.5E+05	
Phenol	108-95-2			3.0E-01	I	2.0E-01	C					1	0.1	1.4E+09											3.1E+05	4.6E+05	1.2E+09			1.8E+05	
Phenylenediamine, m-	108-45-2			6.0E-03	I							1	0.1	1.4E+09											6.1E+03	9.3E+03				3.7E+03	
Phenylenediamine, o-	95-54-5	4.7E-02	H									1	0.1	1.4E+09							6.1E+01	9.2E+01		3.7E+01							
Phenylenediamine, p-	106-50-3			1.9E-01	H							1	0.1	1.4E+09											1.9E+05	2.9E+05				1.2E+05	
Phenylphenol, 2-	90-43-7	1.9E-03	H									1	0.1	1.4E+09							1.5E+03	2.2E+03		8.9E+02							
Phorate	298-02-2			2.0E-04	H							1	0.1	1.4E+09											2.0E+02	3.1E+02				1.2E+02	
Phosgene	75-44-5					3.0E-04	I	V				1		1.4E+09	1.3E+03	8.7E+04											1.7E+00			1.7E+00	
Phosmet	732-11-6			2.0E-02	I							1	0.1	1.4E+09											2.0E+04	3.1E+04				1.2E+04	
Phosphine	7803-51-2			3.0E-04	I	3.0E-04	I					1		1.4E+09											3.1E+02		1.8E+06			3.1E+02	
Phosphoric Acid	7664-38-2			1.0E-02	I							1		1.4E+09													6.0E+07			6.0E+07	
Phosphorus, White	7723-14-0			2.0E-05	I							1		1.4E+09											2.0E+01					2.0E+01	
Phthalic Acid, P-	100-21-0			1.0E+00	H							1	0.1	1.4E+09											1.0E+06	1.5E+06				6.2E+05	
Phthalic Anhydride	85-44-9			2.0E+00	I	2.0E-02	C					1	0.1	1.4E+09											2.0E+06	3.1E+06	1.2E+08			1.2E+06	
Picloram	1918-02-1			7.0E-02	I							1	0.1	1.4E+09											7.2E+04	1.1E+05				4.3E+04	
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3			2.0E-03	P							1	0.1	1.4E+09											2.0E+03	3.1E+03				1.2E+03	
Pirimiphos, Methyl	29232-93-7			1.0E-02	I							1	0.1	1.4E+09											1.0E+04	1.5E+04				6.2E+03	
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	1.4E+09							9.5E-02	1.4E-01	1.9E+03	5.7E-02	7.2E+00	1.1E+01				4.3E+00	
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9					6.0E-04	I					1	0.1	1.4E+09													3.6E+06			3.6E+06	
Potassium Perchlorate	7778-74-7			7.0E-04	I							1		1.4E+09											7.2E+02					7.2E+02	
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					1	0.1	1.4E+09							1.9E+01	2.9E+01		1.1E+01	9.2E+03	1.4E+04				5.5E+03	
Profluralin	26399-36-0			6.0E-03	H							1	0.1	1.4E+09											6.1E+03	9.3E+03				3.7E+03	
Prometon	1610-18-0			1.5E-02	I							1	0.1	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; 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 (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	v	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I			1	0.1	1.4E+09											
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	1.2E+01		3.2E+01	8.7E+00		7.2E+05	1.1E+06	1.2E+10	4.3E+05
Pursuit	81335-77-5					2.5E-01	I					1	0.1	1.4E+09								2.6E+05	3.9E+05		1.5E+05
Pydrin	51630-58-1					2.5E-02	I					1	0.1	1.4E+09								2.6E+04	3.9E+04		1.5E+04
Pyridine	110-86-1					1.0E-03	I			V		1		1.4E+09	4.5E+04	3.0E+05						1.0E+03			1.0E+03
Polychlorinated Biphenyls (PCBs)																									
Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I					1	0.14	1.4E+09			4.1E+01	4.4E+01	8.3E+05	2.1E+01	7.2E+01	7.7E+01			3.7E+01
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I					V		1	0.14	1.4E+09	1.8E+05	3.0E+02	1.4E+00	1.5E+00	3.9E+00	6.2E-01					
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I					V		1	0.14	1.4E+09	1.8E+05	3.0E+02	1.4E+00	1.5E+00	3.9E+00	6.2E-01					
Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01					
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01					
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I					1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01	2.0E+01	2.2E+01			1.1E+01
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01					
Heptachlorobiphenyl, 2,2',3,3',4,4',5'- (PCB 170)	35065-30-6	1.3E+01	W	3.8E-03	W							1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01					
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	1.3E+00	W	3.8E-04	W							1	0.14	1.4E+09			2.2E+00	2.4E+00	4.4E+04	1.1E+00					
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.9E+03	W	1.1E+00	W							1	0.14	1.4E+09			7.3E-04	7.9E-04	1.5E+01	3.8E-04					
Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)	65510-44-3	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)	31508-00-6	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01					
Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	1.3E+04	W	3.8E+00	W							1	0.14	1.4E+09			2.2E-04	2.4E-04	4.4E+00	1.1E-04					
Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C							1	0.1	1.4E+09			1.4E+00	2.2E+00	2.9E+04	8.6E-01					
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	W	3.8E-03	W							1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01					
Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	3.9E+01	W	1.1E-02	W							1	0.14	1.4E+09			7.3E-02	7.9E-02	1.5E+03	3.8E-02					
Polynuclear Aromatic Hydrocarbons (PAHs)																									
Aconaphthene	83-32-9					6.0E-02	I			V		1	0.13	1.4E+09	1.7E+05							6.1E+04	7.1E+04		3.3E+04
Anthracene	120-12-7					3.0E-01	I			V		1	0.13	1.4E+09	6.3E+05							3.1E+05	3.6E+05		1.7E+05
Benz[a]anthracene	56-55-3	7.3E-01	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00					
Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C						M	1	0.13	1.4E+09			3.9E-01	4.6E-01	1.5E+04	2.1E-01					
Benzo[b]fluoranthene	205-99-2	7.3E-01	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00					
Benzo[k]fluoranthene	207-08-9	7.3E-02	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+01	4.6E+01	1.5E+05	2.1E+01					
Chrysene	218-01-9	7.3E-03	*	1.1E-05	C						M	1	0.13	1.4E+09			3.9E+02	4.6E+02	1.5E+06	2.1E+02					
Dibenz[a,h]anthracene	53-70-3	7.3E+00	*	1.2E-03	C						M	1	0.13	1.4E+09			3.9E-01	4.6E-01	1.4E+04	2.1E-01					
Fluoranthene	206-44-0					4.0E-02	I					1	0.13	1.4E+09							4.1E+04	4.8E+04			2.2E+04
Fluorene	86-73-7					4.0E-02	I			V		1	0.13	1.4E+09	3.4E+05						4.1E+04	4.8E+04			2.2E+04
Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00					
Methylnaphthalene, 1-	90-12-0	2.9E-02	P									1	1.4E+09	6.9E+04	4.6E+02		9.9E+01			9.9E+01					
Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V		1		1.4E+09	6.8E+04	4.4E+02					4.1E+03				4.1E+03
Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13	1.4E+09	5.4E+04						2.0E+01	2.0E+01	2.0E+04	7.1E+02	6.7E+02
Pyrene	129-00-0					3.0E-02	I			V		1	0.13	1.4E+09	2.9E+06						3.1E+04	3.6E+04			1.7E+04
Quinalphos	13593-03-8					5.0E-04	I					1	0.1	1.4E+09							5.1E+02	7.7E+02			3.1E+02
Quinoline	91-22-5	3.0E+00	I									1	0.1	1.4E+09			9.5E-01	1.4E+00		5.7E-01					
Refractory Ceramic Fibers	NA							3.0E-02	A			1		1.4E+09										1.8E+08	1.8E+08
Resmethrin	10453-86-8					3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04			1.8E+04
Ronnel	299-84-3					5.0E-02	H					1	0.1	1.4E+09							5.1E+04	7.7E+04			3.1E+04
Rotenone	83-79-4					4.0E-03	I					1	0.1	1.4E+09							4.1E+03	6.2E+03			2.5E+03
Savey	78587-05-0					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04			1.5E+04
Selenious Acid	7783-00-8					5.0E-03	I					1		1.4E+09							5.1E+03				5.1E+03
Selenium	7782-49-2					5.0E-03	I					1		1.4E+09							5.1E+03				5.1E+03
Selenourea	630-10-4					5.0E-03	H				1	0.1	1.4E+09								5.1E+03	7.7E+03			3.1E+03
Sethoxydim	74051-80-2					9.0E-02	I					1	0.1	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; 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 (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) ⁻¹	k e y	v o l u t i l e	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Sodium Perchlorate	7601-89-0				7.0E-04	I					1		1.4E+09							7.2E+02				7.2E+02
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H		3.0E-02	I					1	0.1	1.4E+09				1.2E+02	1.8E+02		7.2E+01	3.1E+04	4.6E+04		1.8E+04
Strontium, Stable	7440-24-6				6.0E-01	I					1		1.4E+09							6.1E+05				6.1E+05
Strychnine	57-24-9				3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02			1.8E+02
Styrene	100-42-5				2.0E-01	I	1.0E+00	I	V		1		1.4E+09	1.1E+04	1.0E+03					2.0E+05		4.7E+04		3.8E+04
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9				5.0E-03	P					1	0.1	1.4E+09							5.1E+03	7.7E+03			3.1E+03
Systhane	88671-89-0				2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04			1.5E+04
TCMTB	21564-17-0				3.0E-02	H					1	0.1	1.4E+09							3.1E+04	4.6E+04			1.8E+04
Tebuthiuron	34014-18-1				7.0E-02	I					1	0.1	1.4E+09							7.2E+04	1.1E+05			4.3E+04
Temephos	3383-96-8				2.0E-02	H					1	0.1	1.4E+09							2.0E+04	3.1E+04			1.2E+04
Terbacil	5902-51-2				1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04			8.0E+03
Terbufos	13071-79-9				2.5E-05	H					1	0.1	1.4E+09							2.6E+01	3.9E+01			1.5E+01
Terbutryn	886-50-0				1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03			6.2E+02
Tetrachlorobenzene, 1,2,4,5-	95-94-3				3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02			1.8E+02
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I		V		1		1.4E+09	6.5E+03	7.5E+02	1.1E+02		1.1E+01	9.8E+00	3.1E+04			3.1E+04	
Tetrachloroethane, 1,1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P		V		1		1.4E+09	1.7E+04	2.1E+03	1.4E+01		3.6E+00	2.9E+00	4.1E+03			4.1E+03	
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V	1		1.4E+09	2.6E+03	1.8E+02	5.3E+00		5.5E+00	2.7E+00	1.0E+04		3.1E+03	2.4E+03	
Tetrachlorophenol, 2,3,4,6-	58-90-2				3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04			1.8E+04
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H								1	0.1	1.4E+09				1.4E-01	2.2E-01		8.6E-02				
Tetraethyl Dithiopyrophosphate	3689-24-5				5.0E-04	I					1	0.1	1.4E+09							5.1E+02	7.7E+02			3.1E+02
Tetrafluoroethane, 1,1,1,2-	811-97-2						8.0E+01	I	V		1		1.4E+09	1.4E+03	8.2E+02						4.7E+05			4.7E+05
Tetryl (Trinitrophenylmethylnitramine)	479-45-8				4.0E-03	P					1	0.1	1.4E+09							4.1E+03	6.2E+03			2.5E+03
Thallium (I) Nitrate	10102-45-1				9.0E-05	I					1		1.4E+09							9.2E+01				9.2E+01
Thallium (Soluble Salts)	7440-28-0				6.5E-05	S					1		1.4E+09							6.6E+01				6.6E+01
Thallium Acetate	563-68-8				9.0E-05	I					1		1.4E+09							9.2E+01				9.2E+01
Thallium Carbonate	6533-73-9				8.0E-05	I					1		1.4E+09							8.2E+01				8.2E+01
Thallium Chloride	7791-12-0				8.0E-05	I					1		1.4E+09							8.2E+01				8.2E+01
Thallium Sulfate	7446-18-6				8.0E-05	I					1		1.4E+09							8.2E+01				8.2E+01
Thiobencarb	28249-77-6				1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04			6.2E+03
Thiofanox	39196-18-4				3.0E-04	H					1	0.1	1.4E+09							3.1E+02	4.6E+02			1.8E+02
Thiophanate, Methyl	23564-05-8				8.0E-02	I					1	0.1	1.4E+09							8.2E+04	1.2E+05			4.9E+04
Thiram	137-26-8				5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03			3.1E+03
Tin	7440-31-5				6.0E-01	H					1		1.4E+09							6.1E+05				6.1E+05
Toluene	108-88-3				8.0E-02	I	5.0E+00	I	V		1		1.4E+09	4.9E+03	9.3E+02					8.2E+04		1.1E+05		4.6E+04
Toluene diisocyanate mixture (TDI)	26471-62-5						7.0E-05	I	V		1		1.4E+09	7.5E+05	2.1E+03							2.3E+02		2.3E+02
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C						1	0.1	1.4E+09				7.5E-01	1.1E+00	1.5E+04	4.5E-01				
Toluene-2,5-diamine	95-70-5				6.0E-01	H					1	0.1	1.4E+09							6.1E+05	9.3E+05			3.7E+05
Toluene-2,6-diamine	823-40-5				3.0E-02	P					1	0.1	1.4E+09							3.1E+04	4.6E+04			1.8E+04
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C						1	0.1	1.4E+09				1.6E+01	2.4E+01	3.3E+05	9.6E+00				
Toluidine, p-	106-49-0	1.9E-01	H								1	0.1	1.4E+09				1.5E+01	2.3E+01		9.1E+00				
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I						1		1.4E+09				2.6E+00	3.9E+00	5.2E+04	1.6E+00				
Tralometrin	66841-25-6				7.5E-03	I					1	0.1	1.4E+09							7.7E+03	1.2E+04			4.6E+03
Triallate	2303-17-5				1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04			8.0E+03
Triasulfuron	82097-50-5				1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04			6.2E+03
Tribromobenzene, 1,2,4-	615-54-3				5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03			3.1E+03
Tributyl Phosphate	126-73-8	9.2E-03	P		2.0E-01	P					1	0.1	1.4E+09				3.1E+02	4.7E+02		1.9E+02	2.0E+05	3.1E+05		1.2E+05
Tributyltin Compounds	NA				3.0E-04	P					1	0.1	1.4E+09							3.1E+02	4.6E+02			1.8E+02
Tributyltin Oxide	56-35-9				3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02			1.8E+02
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				3.0E+01	I	3.0E+01	H	V		1		1.4E+09	1.4E+03	9.4E+02					3.1E+07		1.8E+05		1.8E+05
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H								1	0.1	1.4E+09				9.9E+01	1.5E+02		5.9E+01				
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H								1	0.1	1.4E+09				8.4E+01	1.3E+02		5.1E+01				
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C		1.0E-02	I	4.0E-03	P	V		1		1.4E+09	2.4E+04	2.2E+02	7.9E+02			7.9E+02	1.0E+04		4.1E+02		4.0E+02
Trichloroethane, 1,1,1-	71-55-6				2.0E+00	I	5.0E+00	I	V		1		1.4E+09	1.8E+03	6.8E+02					2.0E+06		4.0E+04		3.9E+04
Trichloroethane, 1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	4.0E-03	I		V		1		1.4E+09	8.1E+03	5.6E+02	5.0E+01		6.2E+00	5.5E+00	4.1E+03				4.1E+03
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C				V		1		1.4E+09	2.5E+03	7.5E+02	2.2E+02		1.5E+01	1.4E+01					
Trichlorofluoromethane	75-69-4				3.0E-01	I	7.0E-01	H	V		1		1.4E+09	1.1E+03	1.3E+03					3.1E+05	1.5E+05	3.5E+03		3.4E+03
Trichlorophenol, 2,4,5-	95-95-4				1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05			6.2E+04
Trichlorophenol, 2,4,6-	88-06-2	1.1E-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; 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 (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD (mg/kg-day)	k e y	RfC (mg/m ³)	k e y	v o l a t i l e	m u t a g e n	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg				
Trichloropropene, 1,2,3-	96-19-5				1.0E-02	P	1.0E-03	P	V		1			1.4E+09	2.6E+03	3.4E+02						1.0E+04		1.2E+01	1.2E+01			
Tridiphenylamine	58138-08-2				3.0E-03	I					1	0.1		1.4E+09								3.1E+03	4.6E+03		1.8E+03			
Triethylamine	121-44-8						7.0E-03	I	V		1			1.4E+09	2.3E+04	5.5E+04							7.1E+02	7.1E+02				
Trifluralin	1582-09-8				7.7E-03	I					1	0.1		1.4E+09								3.7E+02	5.6E+02	2.2E+02	7.7E+03	1.2E+04	4.6E+03	
Trimethyl Phosphate	512-56-1				3.7E-02	H					1	0.1		1.4E+09								7.7E+01	1.2E+02		4.7E+01			
Trimethylbenzene, 1,2,4-	95-63-6						7.0E-03	P	V		1			1.4E+09	9.2E+03	2.5E+02								2.8E+02	2.8E+02			
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							5.1E+04		2.0E+02	2.0E+02		
Trinitrobenzene, 1,3,5-	99-35-4				3.0E-02	I					1	0.019		1.4E+09									3.1E+04	2.4E+05	2.7E+04			
Trinitrotoluene, 2,4,6-	118-96-7				3.0E-02	I					1	0.032		1.4E+09								9.5E+01	4.5E+02	7.9E+01	5.1E+02	2.4E+03	4.2E+02	
Triphenylphosphine Oxide	791-28-6				2.0E-02	P					1	0.1		1.4E+09									2.0E+04	3.1E+04	1.2E+04			
Tris(2-chloroethyl)phosphate	115-96-8				1.4E-02	P	3.0E-01	P			1	0.1		1.4E+09								2.0E+02	3.1E+02	1.2E+02	3.1E+05	4.6E+05	1.8E+05	
Tris(2-ethylhexyl)phosphate	78-42-2				3.2E-03	P	1.0E-01	P			1	0.1		1.4E+09								8.9E+02	1.4E+03	5.4E+02	1.0E+05	1.5E+05	6.2E+04	
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1						1.0E-04	I						1.4E+09										1.0E+02		1.0E+02		
Tri-n-butyltin	688-73-3				3.0E-04	A					1	0.1		1.4E+09									3.1E+02	4.6E+02	1.8E+02			
Uranium (Soluble Salts)	NA				3.0E-03	I					1			1.4E+09										3.1E+03		3.1E+03		
Vanadium Pentoxide	1314-62-1				8.3E-03	P	9.0E-03	I	7.0E-06	P		0.026		1.4E+09									2.0E+03	2.0E+03	9.2E+03	4.2E+04	7.5E+03	
Vanadium Sulfate	36907-42-3				2.0E-02	H					0.026			1.4E+09										2.0E+04		2.0E+04		
Vanadium and Compounds	NA				5.0E-03	S					1			1.4E+09										5.2E+03		5.2E+03		
Vanadium, Metallic	7440-62-2				7.0E-03	H					0.026			1.4E+09											7.2E+03		7.2E+03	
Vernolate	1929-77-7				1.0E-03	I					1	0.1		1.4E+09										1.0E+03	1.5E+03	6.2E+02		
Vinclozolin	50471-44-8				2.5E-02	I					1	0.1		1.4E+09										2.6E+04	3.9E+04	1.5E+04		
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+06	4.2E+03	4.2E+03		
Vinyl Bromide	593-60-2				3.2E-05	H	3.0E-03	I	V		1			1.4E+09	1.5E+03	1.7E+03								5.8E-01	5.8E-01	2.0E+01	2.0E+01	
Vinyl Chloride	75-01-4				7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1								4.0E+00	2.9E+00	1.7E+00	3.1E+03	4.6E+02	4.0E+02
Warfarin	81-81-2				3.0E-04	I					1	0.1		1.4E+09										3.1E+02	4.6E+02	1.8E+02		
Xylene, Mixture	1330-20-7				2.0E-01	I	1.0E-01	I	V		1			1.4E+09	5.9E+03	3.0E+02								2.0E+05	2.6E+03	2.6E+03		
Xylene, P-	106-42-3						7.0E-01	C	V		1			1.4E+09	6.4E+03	4.5E+02									2.0E+04	2.0E+04		
Xylene, m-	108-38-3				2.0E+00	H	7.0E-01	C	V		1			1.4E+09	6.3E+03	4.4E+02									2.0E+06	1.9E+04	1.9E+04	
Xylene, o-	95-47-6				2.0E+00	H	7.0E-01	C	V		1			1.4E+09	7.4E+03	3.0E+02									2.0E+06	2.3E+04	2.3E+04	
Zinc (Metallic)	7440-66-6				3.0E-01	I					1			1.4E+09											3.1E+05		3.1E+05	
Zinc Phosphide	1314-84-7				3.0E-04	I					1			1.4E+09											3.1E+02		3.1E+02	
Zineb	12122-67-7				5.0E-02	I					1	0.1		1.4E+09											5.1E+04	7.7E+04	3.1E+04	