

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	IUR (ug/m ³ -1)	k _e	RfDo (mg/kg-day)	k _e	RFCl (mg/m ³)	k _e	v _o	muta	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)
Acetate	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
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
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	
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	
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
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	1.0E-03	H	2.0E-03	I	V	1		1.4E+09	8.2E+03	1.1E+04		1.2E+00		2.9E-01	2.4E-01	7.8E+01		1.7E+01	1.4E+01
Adiponitrile	111-69-3					6.0E-03	P				1	0.1	1.4E+09									8.5E+06	8.5E+06	
Alachlor	15972-60-8	5.6E-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
ALAR	1596-84-5					1.5E-01	I				1	0.1	1.4E+09								1.2E+04	4.2E+04		9.2E+03
Aldicarb	116-06-3					1.0E-03	I				1	0.1	1.4E+09								7.8E+01	2.8E+02		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
Aldrin	3009-00-2	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
Allyl	74223-64-6					2.5E-01	I				1	0.1	1.4E+09								2.0E+04	7.0E+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					1.0E-03	I	V			1		1.4E+09	1.8E+03	1.5E+03						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
Aluminum Phosphide	20859-73-8					4.0E-04	I				1		1.4E+09								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
Ametryn	834-12-8					9.0E-03	I				1	0.1	1.4E+09								7.0E+02	2.5E+03		5.5E+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
Aminophenol, p-	123-30-8					2.0E-02	P				1	0.1	1.4E+09								1.6E+03	5.6E+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
Ammonia	7664-41-7							1.0E-01	I		1		1.4E+09										1.4E+08	1.4E+08
Ammonium Perchlorate	7790-98-9					7.0E-04	I				1		1.4E+09								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
Aniline	62-53-3	5.7E-03	I			7.0E-03	P	1.0E-03	I		1	0.1	1.4E+09				1.1E+02	3.5E+02		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
Antimony Pentoxide	1314-60-9					5.0E-04	H				0.15		1.4E+09								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
Antimony Tetroxide	1332-81-6					4.0E-04	H				0.15		1.4E+09								3.1E+01			3.1E+01
Antimony Trioxide	1309-64-4					4.0E-04	H	2.0E-04	I		0.15		1.4E+09								3.1E+01		2.8E+05	3.1E+01
Apollo	74115-24-5					1.3E-02	I				1	0.1	1.4E+09								1.0E+03	3.6E+03		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
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	3.0E-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	4.3E+04	2.2E+01
Arsine	7784-42-1					5.0E-05	I				1		1.4E+09										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
Asulam	3337-71-1					5.0E-02	I				1	0.1	1.4E+09								3.9E+03	1.4E+04		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
Avermectin B1	65195-55-3					4.0E-04	I				1	0.1	1.4E+09								3.1E+01	1.1E+02		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
Bayleton	43121-43-3					3.0E-02	I				1	0.1	1.4E+09								2.3E+03	8.4E+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
Benefin	1861-40-1					3.0E-01	I				1	0.1	1.4E+09								2.3E+04	8.4E+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
Bentazon	25057-89-0					3.0E-02	I				1	0.1	1.4E+09								2.3E+03	8.4E+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
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		1.2E+01		1.3E+00	1.1E+00	3.1E+02		1.3E+02	9.0E+01
Benzenethiol	108-98-5					1.0E-05	H			V	1		1.4E+09	2.2E+04	1.4E+03						7.8E-01			7.8E-01
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I			M	1	0.1	1.4E+09				6.5E-04	2.2E-03	1.9E+01	5.0E-04	2.3E+02	8.4E+02		1.8E+02
Benzoic Acid	65-85-0					4.0E+00	I				1	0.1	1.4E+09								3.1E+05	1.1E+06		2.4E+05
Benzotrichloride	98-07-7	1.3E+01	I							V	1		1.4E+0											

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

Analyte	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
		SFO (mg/kg-day) ¹	k y	IUR (ug/m ³ - ¹	k y	RfDo (mg/kg-day)	k y	RfC (mg/m ³)	k 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	
																									Ingestion
Bidrin	141-66-2					1.0E-04	I							1	0.1	1.4E+09					7.8E+00	2.8E+01			6.1E+00
Bifenox	42576-02-3					9.0E-03	P							1	0.1	1.4E+09					7.0E+02	2.5E+03			5.5E+02
Biphenthrin	82657-04-3					1.5E-02	I							1	0.1	1.4E+09					1.2E+03	4.2E+03			9.2E+02
Biphenyl, 1,1'-	92-52-4					5.0E-02	I				V			1		1.4E+09	1.4E+05	2.6E+02		3.9E+03				3.9E+03	
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P							1	0.1	1.4E+09				2.3E+02	8.4E+02			1.8E+02	
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	5.8E-01		2.7E-01	1.9E-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	9.1E+00		5.6E+00	3.5E+00	3.1E+03		3.1E+03
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I			2.0E-02	I						1	0.1	1.4E+09				4.6E+01	1.4E+02	3.5E+01	1.6E+03	5.6E+03	1.2E+03	
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	2.9E-03		3.0E-04	2.7E-04			
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			2.0E-02	I				V			1		1.4E+09	4.4E+03	9.9E+02	1.0E+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	1.0E+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			3.0E-05	I			2.0E-03	I	V				1		1.4E+09	9.4E+02	6.9E+02		7.7E-02	7.7E-02			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	
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			1.8E-03	I	1.0E-03	I					0.025	0.001	1.4E+09						1.8E+03	1.8E+03	7.8E+01	7.0E+02	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				1	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	
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C								1	0.1	1.4E+09			4.0E-02	1.3E-01	7.2E+02	3.0E-02			3.5E+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	5.4E-02	P			4.0E-03	I	1.5E-04	A				1	0.1	1.4E+09			1.2E+01	3.7E+01		9.0E+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			V			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	
Chloromethane	74-87-3	1.3E-02	H	1.8E-06	H			9.0E-02	I	V			1		1.4E+09	1.3E+03	1.4E+03	4.9E+01		1.7E+00	1.7E+00		1.2E+02	1.2E+02	
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V			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	

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	ky	IUR (ug/m ³ -d) ¹	ky	RfDo (mg/kg-day)	ky	RfCI (mg/m ³)	ky	Vo	muta	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
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		7.7E+01	7.8E+01	2.8E+02	8.5E+05	6.1E+01
Chlorophenol, 2-	95-57-8					5.0E-03	I			V		1		1.4E+09	1.6E+05	7.9E+04				3.9E+02	2.8E+02			3.9E+02
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1	1.4E+09			2.1E+02	6.5E+02	3.7E+06	1.6E+02	1.2E+03	4.2E+03		9.2E+02
Chlorotoluene, o-	95-49-8					2.0E-02	I			V		1		1.4E+09	9.4E+03	1.0E+03				1.6E+03				1.6E+03
Chlorotoluene, p-	106-43-4					7.0E-02	P			V		1		1.4E+09	8.4E+03	2.9E+02				5.5E+03				5.5E+03
Chlorpropham	101-21-3					2.0E-01	I					1	0.1	1.4E+09						1.6E+04	5.6E+04			1.2E+04
Chlorpyrifos	2921-88-2					3.0E-03	I					1	0.1	1.4E+09						2.3E+02	8.4E+02			1.8E+02
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H					1	0.1	1.4E+09						7.8E+02	2.8E+03			6.1E+02
Chlorsulfuron	64902-72-3					5.0E-02	I					1	0.1	1.4E+09						3.9E+03	1.4E+04			3.1E+03
Chlorthiophos	60238-56-4					8.0E-04	H					1	0.1	1.4E+09						6.3E+01	2.2E+02			4.9E+01
Chromium (III) (Insoluble Salts)	16065-83-1					1.5E+00	I					0.013		1.4E+09						1.2E+05				1.2E+05
Chromium VI (particulates)	18540-29-9					8.4E-02	I	3.0E-03	I	1.0E-04	I	0.025		1.4E+09					3.9E+01	3.9E+01	2.3E+02		1.4E+05	2.3E+02
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3					1.2E-02	I				M	0.013		1.4E+09				2.8E+02	2.8E+02					
Cobalt	7440-48-4			9.0E-03	P	3.0E-04	P	6.0E-06	P			1		1.4E+09					3.7E+02	3.7E+02	2.3E+01		8.5E+03	2.3E+01
Copper	7440-50-8					4.0E-02	H					1		1.4E+09						3.1E+03				3.1E+03
Cresol, m-	108-39-4					5.0E-02	I					1	0.1	1.4E+09						3.9E+03	1.4E+04			3.1E+03
Cresol, o-	95-48-7					5.0E-02	I					1	0.1	1.4E+09						3.9E+03	1.4E+04			3.1E+03
Cresol, p-	106-44-5					5.0E-03	H					1	0.1	1.4E+09						3.9E+02	1.4E+03			3.1E+02
Crotonaldehyde, trans-	123-73-9	1.9E+00	H							V		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				7.8E+03		3.0E+03		2.2E+03
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H					1	0.1	1.4E+09			7.6E-01	2.4E+00		5.8E-01	1.6E+02	5.6E+02		1.2E+02
Cyclohexane	110-82-7							6.0E+00	I	V		1		1.4E+09	1.2E+03	1.2E+02						7.2E+03	7.2E+03	
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H									1	0.1	1.4E+09			2.8E+01	8.8E+01		2.1E+01				
Cyclohexanone	108-94-1					5.0E+00	I					1	0.1	1.4E+09						3.9E+05	1.4E+06			3.1E+05
Cyclohexylamine	108-91-8					2.0E-01	I					1	0.1	1.4E+09						1.6E+04	5.6E+04			1.2E+04
Cyhalothrin/karate	68085-85-8					5.0E-03	I					1	0.1	1.4E+09						3.9E+02	1.4E+03			3.1E+02
Cypermethrin	52315-07-8					1.0E-02	I					1	0.1	1.4E+09						7.8E+02	2.8E+03			6.1E+02
Cyromazine	66215-27-8					7.5E-03	I					1	0.1	1.4E+09						5.9E+02	2.1E+03			4.8E+02
Cyanides																								
Calcium Cyanide	592-01-8					4.0E-02	I					1		1.4E+09						3.1E+03				3.1E+03
Copper Cyanide	544-92-3					5.0E-03	I					1		1.4E+09						3.9E+02				3.9E+02
Cyanide (CN-)	57-12-5					2.0E-02	I					1		1.4E+09						1.6E+03				1.6E+03
Cyanogen	460-19-5					4.0E-02	I			V		1		1.4E+09						3.1E+03				3.1E+03
Cyanogen Bromide	506-68-3					9.0E-02	I			V		1		1.4E+09						7.0E+03				7.0E+03
Cyanogen Chloride	506-77-4					5.0E-02	I			V		1		1.4E+09						3.9E+03				3.9E+03
Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V		1		1.4E+09						1.6E+03		4.3E+06		1.6E+03
Potassium Cyanide	151-50-8					5.0E-02	I					1		1.4E+09						3.9E+03				3.9E+03
Potassium Silver Cyanide	506-61-6					2.0E-01	I				0.04			1.4E+09						1.6E+04				1.6E+04
Silver Cyanide	506-64-9					1.0E-01	I				0.04			1.4E+09						7.8E+03				7.8E+03
Sodium Cyanide	143-33-9					4.0E-02	I					1		1.4E+09						3.1E+03				3.1E+03
Thiocyanate	463-56-9					2.0E-04	P			V		1		1.4E+09	7.0E+03	5.6E+03				1.6E+01				1.6E+01
Zinc Cyanide	557-21-1					5.0E-02	I					1		1.4E+09						3.9E+03				3.9E+03
Dacthal	1861-32-1					1.0E-02	I					1	0.1	1.4E+09						7.8E+02	2.8E+03			6.1E+02
Dalapon	75-99-0					3.0E-02	I					1	0.1	1.4E+09						2.3E+03	8.4E+03			1.8E+03
DDD	72-54-8	2.4E-01	I									1	0.1	1.4E+09			2.7E+00	8.4E+00		2.0E+00				
DDE, p,p'-	72-55-9	3.4E-01	I									1	0.1	1.4E+09			1.9E+00	6.0E+00		1.4E+00				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03	1.4E+09			1.9E+00	2.0E+01	3.4E+04	1.7E+00	3.9E+01	4.7E+02		3.6E+01
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			9.1E+02	2.9E+03		6.9E+02	5.5E+02	2.0E+03		4.3E+02
Demeton	8065-48-3					4.0E-05	I					1	0.1	1.4E+09						3.1E+00	1.1E+01			2.4E+00
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I					1	0.1	1.4E+09			5.3E+02	1.7E+03		4.0E+02	4.7E+04	1.7E+05		3.7E+04
Diallate	2303-16-4	6.1E-02	H									1	0.1	1.4E+09			1.0E+01	3.3E+01		8.0E+00				
Diazinon	333-41-5					9.0E-04	H					1	0.1	1.4E+09						7.0E+01	2.5E+02			5.5E+01
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	1.9E-01		5.8E-03	5.6E-03	1.6E+01		7.6E+00	5.1E+00
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I					1	0.1	1.4E+09						7.8E+02	2.8E+03			6.1E+02
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	7.6E+00	2.4E+01		5.8E+00	1.6E+03	5.6E+03		1.2E+03
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	3.2E-01		3.9E-02	3.4E-02	7.0E+02		8.9E+01	7.9E+01
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H			V		1		1.4E+09	6.2E+03	3.0E+03				7.8E+02				7.8E+02
Dibutyl Phthalate	84-74-2					1.0E-01	I					1	0.1	1.4E+09						7.8E+03	2.8E+04			6.1E+03
Dibutyltin Compounds	NA					3.0E-04	P					1	0.1	1.4E+09						2.3E+01	8.4E+01			1.8E+01
Dicamba																								

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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 - day) ¹	k e	RfDo (mg/kg- day)	k e	RfC (mg/m ³) ¹	k e	Vol o	muta c	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
Dichloroacetic Acid	79-43-6	5.0E-02	I		4.0E-03	I					1	0.1	1.4E+09				1.3E+01	4.0E+01		9.7E+00	3.1E+02	1.1E+03		2.4E+02
Dichlorobenzene, 1,2-	95-50-1	9.0E-02	I		9.0E-02	I	2.0E-01	H	V		1		1.4E+09	1.3E+04	2.2E+02					7.0E+03			2.8E+03	2.0E+03
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C		8.0E-01	I	V		1		1.4E+09	1.2E+04			1.2E+02		2.7E+00	2.6E+00		1.0E+04	1.0E+04	
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I								1	0.1	1.4E+09				1.4E+00	4.5E+00		1.1E+00				
Dichlorodifluoromethane	75-71-8				2.0E-01	I	2.0E-01	H	V		1		1.4E+09	9.0E+02	8.5E+02						1.6E+04		1.9E+02	1.9E+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		1.1E+02	3.5E+00	3.4E+00	1.6E+04			2.8E+03	2.0E+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		7.0E+00	4.8E-01	4.5E-01	1.6E+03		1.3E+04	1.4E+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					3.9E+03		2.6E+02	2.5E+02	
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0				9.0E-03	H			V		1		1.4E+09	2.8E+03	1.4E+03					7.0E+02			7.0E+02	
Dichloroethylene, 1,2-cis-	156-59-2				1.0E-02	P			V		1		1.4E+09	2.8E+03	1.4E+03					7.8E+02			7.8E+02	
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					1.6E+03		1.2E+02	1.1E+02	
Dichlorophenol, 2,4-	120-83-2				3.0E-03	I					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02	
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7				1.0E-02	I					1	0.05	1.4E+09							7.8E+02	5.6E+03		6.9E+02	
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6				8.0E-03	I					1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02	
Dichloropropane, 1,2-	78-87-5	3.6E-02	C	1.0E-05	C		4.0E-03	I	V		1		1.4E+09	4.0E+03	1.5E+03		1.8E+01	9.8E-01	9.3E-01		1.7E+01		1.7E+01	
Dichloropropane, 1,3-	142-28-9				2.0E-02	P			V		1		1.4E+09	7.6E+03	1.6E+03					1.6E+03			1.6E+03	
Dichloropropanol, 2,3-	616-23-9				3.0E-03	I					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02	
Dichloropropene, 1,3-	542-75-6	1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V	1		1.4E+09	3.8E+03	1.7E+03		6.4E+00	2.3E+00	1.7E+00	2.3E+03		8.0E+01	7.8E+01	
Dichlorvos	62-73-7	2.9E-01	I		5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09				2.2E+00	7.0E+00		1.7E+00	3.9E+01	1.4E+02	7.1E+05	3.1E+01
Dicyclopentadiene	77-73-6				8.0E-03	P	7.0E-03	P	V		1		1.4E+09	4.2E+03	5.9E+02					6.3E+02		3.1E+01	2.9E+01	
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I				1	0.1	1.4E+09				4.0E-02	1.3E-01	7.2E+02	3.0E-02	3.9E+00	1.4E+01		3.1E+00
Diethyl Phthalate	84-66-2				8.0E-01	I					1	0.1	1.4E+09								6.3E+04	2.2E+05		4.9E+04
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				
Difenzquat	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
Diffuoroethane, 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			V		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	
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			V		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								7.8E+03	2.8E+04	4.3E+07	6.1E+03
Dimethylphenol, 2,4-	105-67-9				2.0E-02	I					1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03
Dimethylphenol, 2,6-	576-26-1				6.0E-04	I					1	0.1	1.4E+09								4.7E+01	1.7E+02		3.7E+01
Dimethylphenol, 3,4-	95-65-8				1.0E-03	I					1	0.1	1.4E+09								7.8E+01	2.8E+02		6.1E+01
Dimethylterephthalate	120-61-6				1.0E-01	I			V		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								1.6E+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				2.0E-03	I					1	0.102	1.4E+09								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	S					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	S					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				3.6E+00	A			1	0.1	1.4E+09				5.8E+01	1.8E+02	4.4E+01			5.1E+09	5.1E+09	
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				

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

Analyte	CAS No.	Toxicity and Chemical-specific Information												Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
		SFO	k	IUR	k	RFDo	k	RfC	k	v	muta	RAGS	RAGS	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	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
HxCDF, 2,3,7,8-	55684-94-1	1.3E+04	W	3.8E+00	W						1	0.1	1.4E+09			4.9E-05	1.6E-04	8.7E-01	3.7E-05					
OCDF	39001-02-0	3.9E+01	W	1.1E-02	W						1	0.1	1.4E+09			1.6E-02	5.2E-02	2.9E+02	1.2E-02					
PeCDF, 1,2,3,7,8-	57117-41-6	3.9E+03	W	1.1E+00	W						1	0.1	1.4E+09			1.6E-04	5.2E-04	2.9E+00	1.2E-04					
PeCDF, 2,3,4,7,8-	57117-31-4	3.9E+04	W	1.1E+01	W						1	0.1	1.4E+09			1.6E-05	5.2E-05	2.9E-01	1.2E-05					
TCDF, 2,3,7,8-	51207-31-9	1.3E+04	W	3.8E+00	W						1	0.1	1.4E+09			4.9E-05	1.6E-04	8.7E-01	3.7E-05					
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	
Haloxyp, 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	
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						1	0.1	1.4E+09			1.0E-01	3.2E-01	1.8E+03	7.7E-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		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		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		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		1.4E+09			2.1E-01		6.8E+02	2.1E-01			2.8E+05	2.8E+05	
Hydrogen Chloride	7647-01-0							2.0E-02	I		1		1.4E+09									2.8E+07	2.8E+07	
Hydrogen Sulfide	7783-06-4							2.0E-03	I		1		1.4E+09									2.8E+06	2.8E+06	
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P				1	0.1	1.4E+09			1.1E+01	3.6E+01		8.7E+00	3.1E+03	1.1E+04		2.4E+03	
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I				1		1.4E+09							1.6E+01			1.6E+01	
Imazalil	35554-44-0					1.3E-02	I				1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02	
Imazaquin	81335-37-7					2.5E-01	I				1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04	
Iprodione	36734-19-7					4.0E-02	I				1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03	
Iron	7439-89-6					7.0E-01	P				1		1.4E+09							5.5E+04			5.5E+04	
Isobutyl Alcohol	78-83-1					3.0E-01	I			V	1		1.4E+09	3.0E+04	9.6E+03					2.3E+04			2.3E+04	
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C		1	0.1	1.4E+09			6.7E+02	2.1E+03		5.1E+02	1.6E+04	5.6E+04	2.8E+09	1.2E+04	
Isopropalin	33820-53-0					1.5E-02	I				1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02	
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I				1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03	
Isoxaben	82558-50-7					5.0E-02	I				1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03	
Kerb	23950-58-5					7.5E-02	I				1	0.1	1.4E+09							5.9E+03	2.1E+04		4.6E+03	
Lactofen	77501-63-4					2.0E-03	I				1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02	
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	
Lead Compounds																								
Lead and Compounds	7439-92-1										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	
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)	743																							

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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 - y)	k e y	RfDo (mg/kg- day)	k e y	RfCI (mg/m ³) ¹	k e y	v o l u 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
MCPP	93-65-2				1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Mepfosfolan	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
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
Metaxyl	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					1	0.1	1.4E+09							1.6E+02	5.6E+02		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 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 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		4.4E+01	3.9E+01	
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			A		1	0.1	1.4E+09								7.8E+02	2.8E+03	6.1E+02
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	1.1E+00	A	V			1		1.4E+09	2.4E+03	3.5E+03				8.5E+01		1.2E+01	1.1E+01	
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	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I								1	0.1	1.4E+09						1.4E+01	4.4E+01		1.1E+01	
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C						1	0.1	1.4E+09						4.0E-01	1.3E+00	7.2E+03	3.0E-01	
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					5.5E+03			5.5E+03
Metolachlor	51218-45-2				1.5E-01	I					1	0.1	1.4E+09							1.2E+04	4.2E+04		9.2E+03
Metribuzin	21087-64-9				2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C						1	0.1	1.4E+09						3.5E-02	1.1E-01	6.5E+02	2.7E-02	
Molinate	2212-67-1				2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Molybdenum	7439-98-7				5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02
Monochloramine	10599-90-3				1.0E-01	I					1		1.4E+09							7.8E+03			7.8E+03
Monomethylaniline	100-61-8				2.0E-03	P					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
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	S					1		1.4E+09							2.3E+01			2.3E+01
Mercury (elemental)	7439-97-6						3.0E-04	I	V		1		1.4E+09	2.1E+04	3.1E+00							6.7E+00	6.7E+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
N,N'-Diphenyl-1,4-benzenediamine	74-31-7				3.0E-04	P					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Naled	300-76-5				2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Napropamide	15299-99-7				1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Nickel Refinery Dust	NA			2.4E-04	I						0.04		1.4E+09					1.4E+04	1.4E+04				
Nickel Soluble Salts	7440-02-0				2.0E-02	I					0.04		1.4E+09							1.6E+03			1.6E+03
Nickel Subosulfide	12035-72-2				4.8E-04	I					0.04		1.4E+09							6.9E+03	6.9E+03		
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, 3-	99-09-2	2.1E-02	P		3.0E-04	P	1.0E-03	P			1	0.1	1.4E+09						3.0E+01	9.6E+01	2.3E+01	2.3E+01	
Nitroaniline, 4-	100-01-6	2.1E-02	P		3.0E-03	P	4.0E-03	P			1	0.1	1.4E+09						3.0E+01	9.6E+01	2.3E+01	2.3E+01	
Nitrobenzene	98-95-3				5.0E-04	I	2.0E-03	H	V		1		1.4E+09	7.3E+04	2.6E+03					3.9E+01		1.5E+02	3.1E+01
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						4.9E-01	1.6E+00	8.9E+03	3.7E-01	
Nitroglycerin	55-63-0	1.7E-02	P		1.0E-04	P					1	0.1	1.4E+09						3.8E+01	1.2E+02	2.9E+01	7.8E+00	
Nitroguanidine	556-88-7				1.0E-01	I																	

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 -y)	k e y	RfDo (mg/kg-day)	k e y	RfCI (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	
Selenourea	630-10-4				5.0E-03	H					1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02	
Sethoxydim	74051-80-2				9.0E-02	I					1	0.1	1.4E+09								7.0E+03	2.5E+04		5.5E+03	
Silver	7440-22-4				5.0E-03	I						0.04	1.4E+09								3.9E+02			3.9E+02	
Simazine	122-34-9	1.2E-01	H		5.0E-03	I					1	0.1	1.4E+09							5.3E+00	1.7E+01	4.0E+00	3.9E+02	1.4E+03	3.1E+02
Sodium Acifluorfen	62476-59-9				1.3E-02	I					1	0.1	1.4E+09								1.0E+03	3.6E+03		7.9E+02	
Sodium Azide	26628-22-8				4.0E-03	I					1		1.4E+09								3.1E+02			3.1E+02	
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H		3.0E-02	I					1	0.1	1.4E+09							2.4E+00	7.5E+00	1.8E+00	2.3E+03	8.4E+03	1.8E+03
Sodium Fluoroacetate	62-74-8				2.0E-05	I					1	0.1	1.4E+09								1.6E+00	5.6E+00		1.2E+00	
Sodium Metavanadate	13718-26-8				1.0E-03	H					1		1.4E+09								7.8E+01			7.8E+01	
Sodium Perchlorate	7601-89-0				7.0E-04	I					1		1.4E+09								5.5E+01			5.5E+01	
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H		3.0E-02	I					1	0.1	1.4E+09							2.7E+01	8.4E+01	2.0E+01	2.3E+03	8.4E+03	1.8E+03
Strontium, Stable	7440-24-6				6.0E-01	I					1		1.4E+09								4.7E+04			4.7E+04	
Strychnine	57-24-9				3.0E-04	I					1	0.1	1.4E+09								2.3E+01	8.4E+01		1.8E+01	
Styrene	100-42-5				2.0E-01	I	1.0E+00	I	V		1		1.4E+09	1.1E+04	1.0E+03						1.6E+04		1.1E+04	6.5E+03	
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9				5.0E-03	P					1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02	
Systhane	88671-89-0				2.5E-02	I					1	0.1	1.4E+09								2.0E+03	7.0E+03		1.5E+03	
TCMTB	21564-17-0				3.0E-02	H					1	0.1	1.4E+09								2.3E+03	8.4E+03		1.8E+03	
Tebuthiuron	34014-18-1				7.0E-02	I					1	0.1	1.4E+09								5.5E+03	2.0E+04		4.3E+03	
Temephos	3383-96-8				2.0E-02	H					1	0.1	1.4E+09								1.6E+03	5.6E+03		1.2E+03	
Terbacil	5902-51-2				1.3E-02	I					1	0.1	1.4E+09								1.0E+03	3.6E+03		7.9E+02	
Terbufos	13071-79-9				2.5E-05	H					1	0.1	1.4E+09								2.0E+00	7.0E+00		1.5E+00	
Terbutryn	886-50-0				1.0E-03	I					1	0.1	1.4E+09								7.8E+01	2.8E+02		6.1E+01	
Tetrachlorobenzene, 1,2,4,5-	95-94-3				3.0E-04	I					1	0.1	1.4E+09								2.3E+01	8.4E+01		1.8E+01	
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V			1.4E+09	6.5E+03	7.5E+02	2.5E+01		2.1E+00	2.0E+00	2.3E+03			2.3E+03		
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P			V			1.4E+09	1.7E+04	2.1E+03	3.2E+00		7.2E-01	5.9E-01	3.1E+02			3.1E+02		
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V			1.4E+09	2.6E+03	1.8E+02	1.2E+00		1.1E+00	5.7E-01	7.8E+02		7.5E+02	3.8E+02		
Tetrachlorophenol, 2,3,4,6-	58-90-2				3.0E-02	I					1	0.1	1.4E+09								2.3E+03	8.4E+03		1.8E+03	
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H								1	0.1	1.4E+09							3.2E-02	1.0E-01	2.4E-02			
Tetraethyl Dithiopyrophosphate	3689-24-5				5.0E-04	I					1	0.1	1.4E+09									3.9E+01	1.4E+02	3.1E+01	
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V			1.4E+09	1.4E+03	8.2E+02								1.1E+05	1.1E+05	
Tetryl (Trinitrophenylmethylnitramine)	479-45-8				4.0E-03	P					1	0.1	1.4E+09								3.1E+02	1.1E+03		2.4E+02	
Thallium (I) Nitrate	10102-45-1				9.0E-05	I					1		1.4E+09								7.0E+00			7.0E+00	
Thallium (Soluble Salts)	7440-28-0				6.5E-05	S					1		1.4E+09								5.1E+00			5.1E+00	
Thallium Acetate	563-68-8				9.0E-05	I					1		1.4E+09								7.0E+00			7.0E+00	
Thallium Carbonate	6533-73-9				8.0E-05	I					1		1.4E+09								6.3E+00			6.3E+00	
Thallium Chloride	7791-12-0				8.0E-05	I					1		1.4E+09								6.3E+00			6.3E+00	
Thallium Sulfate	7446-18-6				8.0E-05	I					1		1.4E+09								6.3E+00			6.3E+00	
Thiobencarb	28249-77-6				1.0E-02	I					1	0.1	1.4E+09								7.8E+02	2.8E+03		6.1E+02	
Thiofanox	39196-18-4				3.0E-04	H					1	0.1	1.4E+09								2.3E+01	8.4E+01		1.8E+01	
Thiophanate, Methyl	23564-05-8				8.0E-02	I					1	0.1	1.4E+09								6.3E+03	2.2E+04		4.9E+03	
Thiram	137-26-8				5.0E-03	I					1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02	
Tin	7440-31-5				6.0E-01	H					1		1.4E+09								4.7E+04			4.7E+04	
Toluene	108-88-3				8.0E-02	I	5.0E+00	I	V		1		1.4E+09	4.9E+03	9.3E+02							6.3E+03	2.6E+04	5.0E+03	
Toluene diisocyanate mixture (TDI)	26471-62-5				7.0E-05	I	V				1		1.4E+09	7.5E+05	2.1E+03								5.4E+01	5.4E+01	
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C						1	0.1	1.4E+09							1.7E-01	5.3E-01	3.0E+03	1.3E-01		
Toluene-2,5-diamine	95-70-5				6.0E-01	H					1	0.1	1.4E+09								4.7E+04	1.7E+05		3.7E+04	
Toluene-2,6-diamine	823-40-5				3.0E-02	P					1	0.1	1.4E+09								2.3E+03	8.4E+03		1.8E+03	
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C						1	0.1	1.4E+09							3.5E+00	1.1E+01	6.5E+04	2.7E+00		
Toluidine, p-	106-49-0				1.9E-01	H					1	0.1	1.4E+09								3.4E+00	1.1E+01	2.6E+00		
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I						1	0.1	1.4E+09								5.8E-01	1.8E+00	1.0E+04	4.4E-01	
Tralomehrin	66841-25-6				7.5E-03	I					1	0.1	1.4E+09									5.9E+02	2.1E+03	4.6E+02	
Triallate	2303-17-5				1.3E-02	I					1	0.1	1.4E+09								1.0E+03	3.6E+03		7.9E+02	
Triasulfuron	82097-50-5				1.0E-02	I					1	0.1	1.4E+09								7.8E+02	2.8E+03		6.1E+02	
Tribromobenzene, 1,2,4-	615-54-3				5.0E-03	I					1	0.1	1.4E+09								3.9E+02	1.4E+03		3.1E+02	
Tributyl Phosphate	126-73-8	9.2E-03	P		2.0E-01	P					1	0.1	1.4E+09								6.9E+01	2.2E+02	5.3E+01	1.6E+04	5.6E+04
Tributyltin Compounds	NA				3.0E-04	P					1	0.1	1.4E+09								2.3E+01	8.4E+01		1.8E+01	
Tributyltin Oxide	56-35-9				3.0E-04	I					1	0.1	1.4E+09								2.3E+01	8.4E+01		1.8E+01	
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							2.3E+06	4.4E+04	4.3E+04	
Trichloroaniline HCl, 2,4,																									

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	IUR (ug/m ³ -y) ¹	k _e	RfDo (mg/kg-day)	k _e	RfC (mg/m ³)	k _e	v	o	muta	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
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					1.6E+05			9.5E+03	9.0E+03
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	5.8E+02	1.1E+01		1.2E+00	1.1E+00	3.1E+02			3.1E+02	
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C					V		1		1.4E+09	2.5E+03	7.5E+02	4.9E+01		3.0E+00	2.8E+00					
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V		1		1.4E+09	1.1E+03	1.3E+03					2.3E+04		8.2E+02	8.0E+02	
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03	
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1	1.4E+09			5.8E+01	1.8E+02	1.1E+06	4.4E+01	7.8E+01	2.8E+02	6.1E+01	3.9E+02	
Trichlorophenoxy Propionic Acid, 2(2,4,5-	93-72-1					8.0E-03	I					1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02	
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02	
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V		1		1.4E+09	1.7E+04	1.4E+03								3.9E+02	
Trichloropropane, 1,2,3-	96-18-4	7.0E+00	H			6.0E-03	I			V		1		1.4E+09	1.8E+04	1.6E+03	9.1E-02		9.1E-02		4.7E+02			4.7E+02	
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					7.8E+02		2.7E+00	2.7E+00	
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	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					3.9E+03		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	
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I					1		1.4E+09							7.8E+00			7.8E+00	
Tri-n-butyltin	688-73-3					3.0E-04	A					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01	
Uranium (Soluble Salts)	NA					3.0E-03	I					1		1.4E+09							2.3E+02			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	S					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					7.8E+04		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				1.1E-01	1.1E-01		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		1.7E-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	