

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1									
		SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfDo	k <sub>e</sub>	RfCi	k <sub>e</sub>	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total				
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
ALAR	1596-84-5	1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1	1.4E+09		1.6E+02	2.4E+02	3.3E+06	9.6E+01	1.5E+05	2.3E+05			9.2E+04				
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					1	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					1	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					9.2E+05		1.9E+06	6.1E+05				
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V		1		1.4E+09	2.6E+04	1.1E+05					3.1E+03		6.7E+03	2.1E+03				
Acetonitrile	75-05-8							6.0E-02	I	V		1		1.4E+09	1.4E+04	1.3E+05							3.7E+03	3.7E+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				
Acetylaminofluorene, 2-	53-96-3	3.8E+00	C	1.3E-03	C							1	0.1	1.4E+09														
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		6.8E-01	6.8E-01				
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					1	0.1	1.4E+09						2.0E+02	3.1E+02			1.2E+02				
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I			1	0.1	1.4E+09						5.1E+05	7.7E+05		6.0E+06	2.9E+05				
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.4E+09	8.2E+03	1.1E+04					4.1E+04		7.2E+01	7.2E+01				
Adiponitrile	111-69-3							6.0E-03	P			1	0.1	1.4E+09									3.6E+07	3.6E+07				
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					1	0.1	1.4E+09										6.2E+03				
Aldicarb	116-06-3					1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03			6.2E+02			
Aldicarb Sulfone	1646-88-4					1.0E-03	I					1	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					1	0.1	1.4E+09							3.1E+01	4.6E+01			1.8E+01			
Allyl	74223-64-6					2.5E-01	I					1	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			1	0.1	1.4E+09							5.1E+03	7.7E+03	1.8E+06	3.1E+03				
Allyl Chloride	107-05-1	2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+09	1.8E+03	1.5E+03						7.7E+00	7.7E+00					
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				
Amdro	67485-29-4					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02			1.8E+02			
Ametryn	834-12-8					9.0E-03	I					1	0.1	1.4E+09							9.2E+03	1.4E+04			5.5E+03			
Aminobiphenyl, 4-	92-67-1	2.1E+01	C	6.0E-03	C							1	0.1	1.4E+09							1.4E-01	2.1E-01	2.8E+03	8.2E-02				
Aminophenol, m-	591-27-5					8.0E-02	P					1	0.1	1.4E+09							8.2E+04	1.2E+05			4.9E+04			
Aminophenol, p-	123-30-8					2.0E-02	P					1	0.1	1.4E+09							2.0E+04	3.1E+04			1.2E+04			
Amitraz	33089-61-1					2.5E-03	I					1	0.1	1.4E+09							2.6E+03	3.9E+03			1.5E+03			
Ammonium Perchlorate	7790-98-9					7.0E-04	I					1		1.4E+09							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				
Aniline	62-53-3	5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1	1.4E+09							5.0E+02	7.6E+02	1.0E+07	3.0E+02	4.3E+03			
Antimony (metallic)	7440-36-0					4.0E-04	I					0.15		1.4E+09							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				
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H					0.15		1.4E+09							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				
Antimony Trioxide	1309-64-4							2.0E-04	I			0.15		1.4E+09									1.2E+06	1.2E+06				
Apollo	74115-24-5					1.3E-02	I					1	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					1	0.1	1.4E+09							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	1.5E-05	C			1	0.03	1.4E+09							1.9E+00	9.6E+00	3.9E+03	1.6E+00	3.1E+02	1.5E+03	8.9E+04	2.6E+02
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					1	0.1	1.4E+09							9.2E+03	1.4E+04			5.5E+03			
Asulam	3337-71-1					5.0E-02	I					1	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					1	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					1	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					1	0.1	1.4E+09							4.1E+03	6.2E+03			2.5E+03			
Bayleton	43121-43-3					3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04			1.8E+04			
Baythroid	68359-37-5					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04			1.5E+04			
Benefin	1861-40-1					3.0E-01	I					1	0.1	1.4E+09							3.1E+05	4.6E+05			1.8E+05			
Benomyl	17804-35-2					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04			3.1E+04			
Bentazon	25057-89-0					3.0E-02	I					1	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				
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				
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I				M																	

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Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
		SFO	k	IUR	k	RfDo	k	RfCi	k	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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-ethylhexyl)phthalate	117-81-7	1.4E-02	I	2.4E-06	C	2.0E-02	I				1	0.1	1.4E+09			2.0E+02	3.1E+02	6.9E+06	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						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
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	3.7E-05	C	2.0E-02	I				1		1.4E+09	4.4E+03	9.9E+02	4.6E+01		1.5E+00	1.4E+00	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	3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1		1.4E+09	9.4E+02	6.9E+02	8.4E-01		3.9E-01	2.6E-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
Butyl alcohol, sec-	78-92-2					2.0E+00	P	3.0E+01	P		1		1.4E+09						2.0E+06		1.8E+11	2.0E+06		
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		1.4E+09						2.0E+04	3.1E+04				1.2E+04
Cadmium (Diet)	7440-43-9			4.2E-03	C	1.0E-03	I	1.0E-05	A		0.025	0.001	1.4E+09					4.0E+03	4.0E+03	1.0E+03	3.9E+03	6.0E+04	8.0E+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	2.0E+03	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	5.0E-04	A				1	0.1	1.4E+09			1.8E-01	2.7E-01	3.6E+03	1.1E-01	5.1E+02	7.7E+02			3.1E+02
Chlorfenvinphos	470-90-6					7.0E-04	A				1	0.1	1.4E+09						7.2E+02	1.1E+03				4.3E+02
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		1.2E+06	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	2.0E-01	P			4.0E-03	I				1	0.1	1.4E+09			1.4E+01	2.2E+01		8.6E+00	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				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	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	9.2E+01		1.6E+00	1.5E+00	1.0E+04				1.2E+03
Chloromethane	74-87-3							9.0E-02	I	V	1		1.4E+09	1.3E+03	1.4E+03									

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
		SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfDo	k <sub>e</sub>	RfCi	k <sub>e</sub>	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> -y)	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
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	3.1E+03	6.0E+05	3.1E+03
Chromium(VI), Aerosol Mists	7738-94-5					2.0E-02	C	5.0E-06	A					1.4E+09								2.0E+04	3.0E+04	1.2E+04	
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					1.4E+09				1.9E+03	1.9E+03			3.1E+02	3.6E+04	3.0E+02	
Copper	7440-50-8					4.0E-02	H							1.4E+09								4.1E-04	4.1E-04	4.1E-04	
Cresol, m-	108-39-4					5.0E-02	I				0.1			1.4E+09								5.1E+04	7.7E+04	3.1E+04	
Cresol, o-	95-48-7					5.0E-02	I				0.1			1.4E+09								5.1E+04	7.7E+04	3.1E+04	
Cresol, p-	106-44-5					5.0E-03	H				0.1			1.4E+09								5.1E+03	7.7E+03	3.1E+03	
Cresols	1319-77-3					1.0E-01	A	6.0E-01	C	V				1.4E+09	3.9E+05	7.1E+04					1.0E+05	1.0E+06	9.3E+04		
Crotonaldehyde, trans-	123-73-9	1.9E+00	H											V				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				1.4E+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					0.1		1.4E+09				3.4E+00	5.2E+00			2.1E+00	2.0E+03	3.1E+03	1.2E+03
<b>Cyanides</b>																									
-Calcium Cyanide	592-01-8					4.0E-02	I							1.4E+09								4.1E+04	4.1E+04	4.1E+04	
-Copper Cyanide	544-92-3					5.0E-03	I							1.4E+09								5.1E+03	5.1E+03	5.1E+03	
-Cyanide (CN-)	57-12-5					2.0E-02	I							1.4E+09								2.0E+04	2.0E+04	2.0E+04	
-Cyanogen	460-19-5					4.0E-02	I							V								4.1E+04	4.1E+04	4.1E+04	
-Cyanogen Bromide	506-68-3					9.0E-02	I							V								9.2E+04	9.2E+04	9.2E+04	
-Cyanogen Chloride	506-77-4					5.0E-02	I							V								5.1E+04	5.1E+04	5.1E+04	
-Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V				1.4E+09								2.0E+04	1.8E+07	2.0E+04	
-Potassium Cyanide	151-50-8					5.0E-02	I							1.4E+09								5.1E+04	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	2.0E+05	
-Silver Cyanide	506-64-9					1.0E-01	I					0.04		1.4E+09								1.0E+05	1.0E+05	1.0E+05	
-Sodium Cyanide	143-33-9					4.0E-02	I							1.4E+09								4.1E+04	4.1E+04	4.1E+04	
-Thiocyanate	463-56-9					2.0E-04	P							V								2.0E+02	2.0E+02	2.0E+02	
-Zinc Cyanide	557-21-1					5.0E-02	I							1.4E+09								5.1E+04	5.1E+04	5.1E+04	
Cyclohexane	110-82-7							6.0E+00	I	V				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									0.1		1.4E+09				1.2E+02	1.9E+02			7.5E+01			
Cyclohexanone	108-94-1					5.0E+00	I					0.1		1.4E+09								5.1E+06	7.7E+06	3.1E+06	
Cyclohexylamine	108-91-8					2.0E-01	I					0.1		1.4E+09								2.0E+05	3.1E+05	1.2E+05	
Cyhalothrin/karate	68085-85-8					5.0E-03	I							1.4E+09								5.1E+03	7.7E+03	3.1E+03	
Cypermethrin	52315-07-8					1.0E-02	I					0.1		1.4E+09								1.0E+04	1.5E+04	6.2E+03	
Cyromazine	66215-27-8					7.5E-03	I					0.1		1.4E+09								7.7E+03	1.2E+04	4.6E+03	
DDD	72-54-8	2.4E-01	I	6.9E-05	C							0.1		1.4E+09				1.2E+01	1.8E+01	2.4E+05	7.2E+00				
DDE, p,p'-	72-55-9	3.4E-01	I	9.7E-05	C							0.1		1.4E+09				8.4E+00	1.3E+01	1.7E+05	5.1E+00				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					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	
Dacthal	1861-32-1					1.0E-02	I					0.1		1.4E+09								1.0E+04	1.5E+04	6.2E+03	
Dalapon	75-99-0					3.0E-02	I					0.1		1.4E+09								3.1E+04	4.6E+04	1.8E+04	
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					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					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					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									0.1		1.4E+09				4.7E+01	7.1E+01			2.8E+01			
Diazinon	333-41-5					7.0E-04	A					0.1		1.4E+09								7.2E+02	1.1E+03	4.3E+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			1.4E+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					0.1		1.4E+09								1.0E+04	1.5E+04	6.2E+03	
Dibromochloromethane	124-48-1	8.4E-02	I	2.7E-05	C							0.1		1.4E+09	8.8E+03	8.5E+02		3.4E+01	5.2E+01	4.0E+00	3.4E+00	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				1.4E+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								1.0E+04	1.0E+04	1.0E+04	
Dibutyl Phthalate	84-74-2					1.0E-01	I					0.1		1.4E+09								1.0E+05	1.5E+05	6.2E+04	
Dibutyltin Compounds	NA					3.0E-04	P					0.1		1.4E+09								3.1E+02	4.6E+02	1.8E+02	
Dicamba	1918-00-9					3.0E-02	I					0.1		1.4E+09								3.1E+04	4.6E+04	1.8E+04	
Dichloro-2-butene, 1,4-	764-41-0			4.2E-03	P									V								9.9E-03	9.9E-03		
Dichloro-2-butene, cis-1,4-	1476-11-5			4.2E-03	P							0.1		1.4E+09	3.6E+03	6.1E+02						1.1E-02	1.1E-02		
Dichloro-2-butene, trans-1,4-	110-57-6			4.2E-03	P							0.1		1.4E+09	1.3E+04	5.8E+02						3.7E-02	3.7E-02		
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I					0.1		1.4E+09				5.7E+01	8.7E+01			3.4E+01	4.1E+03	6.2E+03	2.5E+03
Dichlorobenzene, 1,2-	95-50-1					9.0E-02	I	2.0E-01	H	V				1.4E+09	1.3E+04	2.2E+02						9.2E+04	1.2E+04	1.0E+04	
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V</															

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
		SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfDo	k <sub>e</sub>	RfCi	k <sub>e</sub>	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					8.0E-03	I					1	0.1	1.4E+09						8.2E+03	1.2E+04			4.9E+03
Dichloropropane, 1,2-	78-87-5	3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+09	4.0E+03	1.5E+03	7.9E+01		4.9E+00	4.7E+00	9.2E+04		7.1E+01	7.1E+01
Dichloropropane, 1,3-	142-28-9					2.0E-02	P			V		1		1.4E+09	7.6E+03	1.6E+03				2.0E+04			2.0E+04	
Dichloropropanol, 2,3-	616-23-9					3.0E-03	I					1	0.1	1.4E+09						3.1E+03	4.6E+03			1.8E+03
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	2.9E+01		1.2E+01	8.4E+00	3.1E+04		3.4E+02	3.3E+02
Dichlorvos	62-73-7	2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09			9.9E+00	1.5E+01	2.0E+05	5.9E+00	5.1E+02	7.7E+02	3.0E+06	3.1E+02
Dicyclopentadiene	77-73-6					8.0E-03	P	7.0E-03	P	V		1		1.4E+09	4.2E+03	5.9E+02				8.2E+03		1.3E+02	1.3E+02	
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	1.4E+09			1.8E-01	2.7E-01	3.6E+03	1.1E-01	5.1E+01	7.7E+01	3.1E+01	
Diethyl Phthalate	84-66-2					8.0E-01	I					1	0.1	1.4E+09						8.2E+05	1.2E+06			4.9E+05
Diethylene Glycol Monobutyl Ether	112-34-5					1.0E-02	P	2.0E-02	P			1	0.1	1.4E+09							1.0E+04	1.5E+04	1.2E+08	6.2E+03
Diethylene Glycol Monoethyl Ether	111-90-0					6.0E-02	P	3.0E-03	P			1	0.1	1.4E+09							6.1E+04	9.3E+04	1.8E+07	3.7E+04
Diethylformamide	617-84-5					1.0E-03	P					1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C							1	0.1	1.4E+09			8.2E-03	1.2E-02	1.7E+02	4.9E-03				
Difenzoquat	43222-48-6					8.0E-02	I					1	0.1	1.4E+09							8.2E+04	1.2E+05		4.9E+04
Diflubenzuron	35367-38-5					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Diffluoroethane, 1,1-	75-37-6							4.0E+01	I	V		1		1.4E+09	1.3E+03	1.5E+03						2.2E+05	2.2E+05	
Diisopropyl Ether	108-20-3							4.0E-01	P	V		1		1.4E+09	2.9E+03	1.6E+03						5.1E+03	5.1E+03	
Diisopropyl Methylphosphonate	1445-75-6					8.0E-02	I			V		1		1.4E+09	2.8E+04	4.3E+02				8.2E+04			8.2E+04	
Dimethipin	55290-64-7					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Dimethoate	60-51-5					2.0E-04	I					1	0.1	1.4E+09							2.0E+02	3.1E+02		1.2E+02
Dimethoxybenzidine, 3,3'-	119-90-4	1.4E-02	H									1	0.1	1.4E+09			2.0E+02	3.1E+02		1.2E+02				
Dimethyl methylphosphonate	756-79-6	1.7E-03	P			6.0E-02	P					1	0.1	1.4E+09			1.7E+03	2.6E+03		1.0E+03	6.1E+04	9.3E+04		3.7E+04
Dimethylamino azobenzene [p-]	60-11-7	4.6E+00	C	1.3E-03	C							1	0.1	1.4E+09			6.2E-01	9.4E-01	1.3E+04	3.7E-01				
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H									1	0.1	1.4E+09			4.9E+00	7.5E+00		3.0E+00				
Dimethylaniline, 2,4-	95-68-1	7.5E-01	H									1	0.1	1.4E+09			3.8E+00	5.8E+00		2.3E+00				
Dimethylaniline, N,N-	121-69-7					2.0E-03	I			V		1		1.4E+09	3.3E+04	8.2E+02					2.0E+03			2.0E+03
Dimethylbenzidine, 3,3'-	119-93-7	1.1E+01	P									1	0.1	1.4E+09			2.6E-01	3.9E-01		1.6E-01				
Dimethylformamide	68-12-2					1.0E-01	P	3.0E-02	I			1	0.1	1.4E+09							1.0E+05	1.5E+05	1.8E+08	6.2E+04
Dimethylhydrazine, 1,2-	540-73-8	5.5E+02	C	1.6E-01	C							1	0.1	1.4E+09			5.2E-03	7.9E-03	1.0E+02	3.1E-03				
Dimethylphenol, 2,4-	105-67-9					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Dimethylphenol, 2,6-	576-26-1					6.0E-04	I					1	0.1	1.4E+09							6.1E+02	9.3E+02		3.7E+02
Dimethylphenol, 3,4-	95-65-8					1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02
Dimethylterephthalate	120-61-6					1.0E-01	I			V		1		1.4E+09	2.4E+04	6.1E+00				1.0E+05			1.0E+05	
Dinitro-o-cresol, 4,6-	534-52-1					1.0E-04	P					1	0.1	1.4E+09							1.0E+02	1.5E+02		6.2E+01
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Dinitrobenzene, 1,2-	528-29-0					1.0E-04	P					1	0.1	1.4E+09							1.0E+02	1.5E+02		6.2E+01
Dinitrobenzene, 1,3-	99-65-0					1.0E-04	I					1	0.1	1.4E+09							1.0E+02	1.5E+02		6.2E+01
Dinitrobenzene, 1,4-	100-25-4					1.0E-04	P					1	0.1	1.4E+09							1.0E+02	1.5E+02		6.2E+01
Dinitrophenol, 2,4-	51-28-5					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I									1	0.1	1.4E+09			4.2E+00	6.4E+00		2.5E+00				
Dinitrotoluene, 2,4-	121-14-2	3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102	1.4E+09			9.2E+00	1.4E+01	1.9E+05	5.5E+00	2.0E+03	3.0E+03		1.2E+03
Dinitrotoluene, 2,6-	606-20-2					1.0E-03	P					1	0.099	1.4E+09							1.0E+03	1.6E+03		6.2E+02
Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E-03	I					1	0.006	1.4E+09							2.0E+03	5.2E+04		2.0E+03
Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E-03	I					1	0.009	1.4E+09							2.0E+03	3.4E+04		1.9E+03
Dinoseb	88-85-7					1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02
Dioxane, 1,4-	123-91-1	1.1E-02	I	7.7E-06	C	1.0E-01	A	3.6E+00	A			1	0.1	1.4E+09			2.6E+02	3.9E+02	2.2E+06	1.6E+02	1.0E+05	1.5E+05	2.1E+10	6.2E+04
<b>Dioxins</b>																								
--Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I							1	0.03	1.4E+09			4.6E-04	2.3E-03	1.3E+01	3.9E-04				
--TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03	1.4E+09			2.2E-05	1.1E-04	4.4E-01	1.8E-05	1.0E-03	5.2E-03	2.4E+02	8.5E-04
Diphenamid	957-51-7					3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Diphenyl Sulfone	127-63-9					3.0E-03	P					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Diphenylamine	122-39-4					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I							1	0.1	1.4E+09			3.6E+00	5.4E+00	7.6E+04	2.2E+00				
Diquat	85-00-7					2.2E-03	I					1	0.1	1.4E+09							2.2E+03	3.4E+03		1.4E+03
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			3.9E-01	5.9E-01	7.9E+03	2.3E-01				
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C							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; F = See FAQ #28; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
		SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfDo	k <sub>e</sub>	RfCi	k <sub>e</sub>	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> ) <sup>-1</sup>	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
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	
Imazalil	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	
Iodine	7553-56-2					1.0E-02	A						1.4E+09								1.0E+04			1.0E+04	
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						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	
Isopropanol	67-63-0							7.0E+00	C		1	0.1	1.4E+09										4.2E+10	4.2E+10	
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	
JP-7	NA							3.0E-01	A	V			1.4E+09										1.8E+09	1.8E+09	
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	
<b>Lead Compounds</b>																									
--Lead and Compounds	7439-92-1							L			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	
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	
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	
MCPP	93-65-2					1.0E-03	I				1	0.1	1.4E+09								1.0E+03	1.5E+03		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	
Mephosfolan	950-10-7					9.0E-05	H				1	0.1	1.4E+09								9.2E+01	1.4E+02		5.5E+01	
Mepiquat Chloride	24307-26-4					3.0E-02	I				1	0.1	1.4E+09								3.1E+04	4.6E+04		1.8E+04	
<b>Mercury Compounds</b>																									
--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	I				1		1.4E+09								3.1E+02			3.1E+02	
--Mercury (elemental)	7439-97-6					1.6E-04	C	3.0E-04	I	V			1.4E+09	2.1E+04	3.1E+00						1.6E+02		2.8E+01	2.4E+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	
Merphos	150-50-5					3.0E-05	I				1	0.1	1.4E+09								3.1E+01	4.6E+01		1.8E+01	
Merphos Oxide	78-48-8					3.0E-05	I				1	0.1	1.4E+09								3.1E+01	4.6E+01		1.8E+01	
Metalaxyl	57837-19-1					6.0E-02	I				1	0.1	1.4E+09								6.1E+04	9.3E+04		3.7E+04	
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V			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	I	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	9.0E-02	C		1	0.1	1.4E+09								2.0E+03	3.1E+03	5.4E+08	1.2E+03	
Methoxyethanol, 2-	109-86-4					3.0E-03	P	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	I	5.0E+00	I	V			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	H	3.0E+00	I	V			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	I	7.0E-01	I	V			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 Phosphonic Acid	993-13-5					2.0E-02	P				1	0.1	1.4E+09								2.0E+04	3.1E+04		1.2E+04	
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V			1.4E+09	7.6E+03	4.5E+02						6.1E+03		1.3E+03	1.1E+03	
Methyl methanesulfonate	66-27-3	9.9E-02		C	2.8E-05	C					1	0.1	1.4E+09					2.9E+01	4.4E+01	6.0E+05	1.7E+01				
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03		C	2.6E-07	C					3.0E+00	I	V					1.6E+03		2.2E+02	1.9E+02			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		5.2E+01				
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				1	0.1	1.4E+09								1.0E+04	1.5E+04		6.2E+03	
Methylcholanthrene, 3-	56-49-5	2.2E+01		C	6.3E-03	C					1	0.1	1.4E+09					1.3E-01	2.0E-01	2.6E+03	7.8E-02				
Methylene Chloride	75-09-2	7.5E-03		I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		1.4E+09	2.4E+03	3.5E+03					3.8E+02		6.3E+01	5.4E+01	6.1E+04	9.3E+03

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
		SFO	k	IUR	k	RfDo	k	RfCi	k	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P									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	1.3E-05	C											6.2E+01	9.4E+01	1.3E+06	3.7E+01					
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C			2.0E-02	C							1.8E+00	2.7E+00	3.6E+04	1.1E+00			1.2E+08	1.2E+08	
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															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
N,N'-Diphenyl-1,4-benzenediamine	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
Naphthylamine, 2-	91-59-8	1.8E+00	C	0.0E+00	C					1	0.1	1.4E+09				1.6E+00	2.4E+00		9.6E-01					
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			2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04	1.4E+09										6.4E+04	6.4E+04	2.0E+04
Nickel Subulfide	12035-72-2	1.7E+00	C	4.8E-04	I						0.04	1.4E+09				1.7E+00		3.5E+04	1.7E+00					2.0E+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, 2-	88-74-4					3.0E-03	P	1.0E-04	P		1	0.1	1.4E+09									3.1E+03	4.6E+03	6.0E+05
Nitroaniline, 4-	100-01-6	2.0E-02	P			4.0E-03	P	6.0E-03	P		1	0.1	1.4E+09			1.4E+02	2.2E+02		8.6E+01	4.1E+03	6.2E+03	3.6E+07	2.5E+03	
Nitrobenzene	98-95-3			4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1	1.4E+09	7.3E+04	2.6E+03				2.2E+01	2.2E+01	2.0E+03	2.9E+03	1.2E+03	
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	H			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-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C					1	0.1	1.4E+09				1.1E-01	1.6E-01	2.2E+03	6.4E-02					
Nitroso-N-methylurea, N-	684-93-5	1.2E+02	C	3.4E-02	C					1	0.1	1.4E+09				2.4E-02	3.6E-02	4.9E+02	1.4E-02					
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I							1	1.4E+09	2.8E+05	1.3E+04	5.3E-01		2.2E+00	4.3E-01					
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I	2.0E-03	C					1	0.1	1.4E+09				4.1E-01	6.2E-01	8.3E+03	2.5E-01					
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I	8.0E-04	C					1	0.1	1.4E+09				1.0E+00	1.5E+00	2.1E+04	6.2E-01					
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I							1	1.4E+09			1.9E-02	2.9E-02	3.9E+02	1.1E-02					
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	2.6E-06	C					1	0.1	1.4E+09				5.8E+02	8.8E+02	6.4E+06	3.5E+02					
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I	6.3E-03	C					1	0.1	1.4E+09				1.3E-01	2.0E-01	2.6E+03	7.8E-02					
Nitrosomorpholine [N-]	59-89-2	6.7E+00	C	1.9E-03	C					1	0.1	1.4E+09				4.3E-01	6.5E-01	8.8E+03	2.6E-01					
Nitrosopiperidine [N-]	100-75-4	9.4E+00	C	2.7E-03	C					1	0.1	1.4E+09				3.0E-01	4.6E-01	6.2E+03	1.8E-01					
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	2.0E+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			0.006		1.4E+09										5.1E+04	1.3E+06	4.9E+04
Octamethylpyrophosphoramidate	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
Pacllobutrazol	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																							

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Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1											
		SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfDo	k <sub>e</sub>	RfCi	k <sub>e</sub>	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total				
Analyte		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
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				1.9E+05	2.9E+05		1.2E+05	
Phenylenediamine, p-	106-50-3					1.9E-01	H				1	0.1	1.4E+09															
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			2.2E+00	1.1E+01		4.3E+00	
<b>Polychlorinated Biphenyls (PCBs)</b>																												
--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								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								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								1.4E+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								1.4E+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, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)	52663-72-6	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	6.5E+02	C	1.9E-02	C						1	0.14	1.4E+09			4.4E-03	4.8E-03	8.8E+02	2.3E-03									
--Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	6.5E+02	C	1.9E-02	C						1	0.14	1.4E+09			4.4E-03	4.8E-03	8.8E+02	2.3E-03									
--Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Pentachlorobiphenyl, 2',3,4,4',5-(PCB 123)	65510-44-3	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	6.5E+02	C	1.9E-02	C						1	0.14	1.4E+09			4.4E-03	4.8E-03	8.8E+02	2.3E-03									
--Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	1.3E+04	C	3.8E+00	C						1	0.14	1.4E+09			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	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01									
--Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
--Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	70362-50-4	1.3E+01	C	3.8E-03	C						1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01									
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I		1	0.1	1.4E+09														3.6E+06	3.6E+06
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>																												
--Acenaphthene	83-32-9					6.0E-02	I						1.4E+09	1.7E+05										6.1E+04	7.1E+04		3.3E+04	
--Anthracene	120-12-7					3.0E-01	I						1.4E+09	6.3E+05										3.1E+05	3.6E+05		1.7E+05	
--Benz[a]anthracene	56-55-3	7.3E-01	I	1.1E-04	C								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								1.4E+09			3.9E-01	4.6E-01	1.5E+04	2.1E-01									
--Benzo[b]fluoranthene	205-99-2	7.3E-01	I	1.1E-04	C								1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00									
--Benzo[k]fluoranthene	207-08-9	7.3E-02	I	1.1E-04	C								1.4E+09			3.9E+01	4.6E+01	1.5E+05	2.1E+01									
--Chrysene	218-01-9	7.3E-03	I	1.1E-05	C								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	I	1.2E-03	C								1.4E+09			3.9E-01	4.6E-01	1.4E+04	2.1E-01									
--Dimethylbenz(a)anthracene, 7,12-	57-97-6	2.5E+02	C	7.1E-02	C								1.4E+09			1.1E-02	1.3E-02	2.3E+02	6.2E-03									
--Fluoranthene	206-44-0					4.0E-02	I						1.4E+09											4.1E+04	4.8E+04		2.2E+04	
--Fluorene	86-73-7					4.0E-02	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	k	IUR	k	RfDo	k	RfCi	k	v	muta-	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) <sup>-1</sup>	y	(ug/m <sup>3</sup> ) <sup>-1</sup>	y	(mg/kg-day)	y	(mg/m <sup>3</sup> )	y	c	gen			(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Propionaldehyde	123-38-6					8.0E-03	I	V					1.4E+09	1.0E+04	3.6E+04								3.6E+02	3.6E+02	
Propylene Glycol	57-55-6				2.0E+01	P					1	0.1	1.4E+09									2.0E+07	3.1E+07	1.2E+07	
Propylene Glycol Dinitrate	6423-43-4					2.7E-04	A	V			1		1.4E+09	2.1E+05	1.4E+03							2.5E+02	2.5E+02		
Propylene Glycol Monoethyl Ether	1569-02-4				7.0E-01	H					1	0.1	1.4E+09									7.2E+05	1.1E+06	4.3E+05	
Propylene Glycol Monomethyl Ether	107-98-2				7.0E-01	H	2.0E+00	I			1	0.1	1.4E+09									7.2E+05	1.1E+06	1.2E+10	4.3E+05
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			1.3E+03	1.3E+03		
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					1		1.4E+09	4.5E+04	3.0E+05							1.0E+03	1.0E+03		
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	
Ronnell	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	
Safrole	94-59-7	2.2E-01	C	6.3E-05	C						1	0.1	1.4E+09			1.3E+01	2.0E+01	2.6E+05	7.8E+00						
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	2.0E-02	C			1		1.4E+09									5.1E+03	1.2E+08	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									9.2E+04	1.4E+05	5.5E+04	
Silver	7440-22-4				5.0E-03	I			0.04		1		1.4E+09									5.1E+03	5.1E+03		
Simazine	122-34-9	1.2E-01	H		5.0E-03	I					1	0.1	1.4E+09			2.4E+01	3.6E+01	1.4E+01				5.1E+03	7.7E+03	3.1E+03	
Sodium Acifluorfen	62476-59-9				1.3E-02	I					1	0.1	1.4E+09									1.3E+04	2.0E+04	8.0E+03	
Sodium Azide	26628-22-8				4.0E-03	I					1		1.4E+09									4.1E+03	4.1E+03		
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H		3.0E-02	I					1	0.1	1.4E+09			1.1E+01	1.6E+01	6.4E+00				3.1E+04	4.6E+04	1.8E+04	
Sodium Fluoride	7681-49-4				5.0E-02	A					1		1.4E+09									5.1E+04	5.1E+04		
Sodium Fluoroacetate	62-74-8				2.0E-05	I					1	0.1	1.4E+09									2.0E+01	3.1E+01	1.2E+01	
Sodium Metavanadate	13718-26-8				1.0E-03	H					1		1.4E+09									1.0E+03	1.0E+03		
Sodium Perchlorate	7601-89-0				7.0E-04	I					1		1.4E+09									7.2E+02	7.2E+02		
Stiropos (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	
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1				1.0E-04	I					1		1.4E+09									1.0E+02	1.0E+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, 1,1,2,2-	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,	5216-25-1	2.0E+01	H								1	0.1	1.4E+09			1.4E-01	2.2E-01	8.6E-02				5.1E+02	7.7E+02	3.1E+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 (Trinitrophenylmethylinitramine)	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	I					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												

