

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	k	IUR	k	RfDo	k	RFCL	k	v	o	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) <sup>1</sup>	e	(ug/m <sup>3</sup> -1)	e	(mg/kg-day)	e	(mg/m <sup>3</sup> )	e	o	muta	Part E	Part E	(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
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					1	0.1	1.4E+09			7.3E+01	2.3E+02		5.6E+01	3.1E+02	1.1E+03		2.4E+02
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V		1		1.4E+09	9.5E+03	1.1E+05			1.1E+01	1.1E+01			8.9E+01	8.9E+01
Acetochlor	34256-82-1					2.0E-02	I					1	0.1	1.4E+09						1.6E+03	5.6E+03			1.2E+03
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V		1		1.4E+09	1.4E+04	1.1E+05				7.0E+04			4.4E+05	6.1E+04
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							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			1.4E+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	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1	1.4E+09			3.8E-02	1.2E-01	6.8E+02	2.9E-02	2.3E+00	8.4E+00		1.8E+00
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
Amtraz	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
Benfenin	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		

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCI	k	v	o	muta	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total			
		(mg/kg-day) <sup>1</sup>	e	(ug/m <sup>3</sup> -y)	e	(mg/kg-day)	e	(mg/m <sup>3</sup> )	e	o	y	g	gen	Part E GIABS	Part E ABS	(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		
Bidrin	141-66-2					1.0E-04								1	0.1	1.4E+09						7.8E+00	2.8E+01		6.1E+00			
Bifenox	42576-02-3					9.0E-03								1	0.1	1.4E+09						7.0E+02	2.5E+03		5.5E+02			
Biphenrin	82657-04-3					1.5E-02								1	0.1	1.4E+09						1.2E+03	4.2E+03		9.2E+02			
Biphenyl, 1,1'-	92-52-4					5.0E-02					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			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				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			V		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				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			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				1	0.1	1.4E+09					8.1E+01	2.6E+02	3.0E+06	6.1E+01	1.6E+03	5.6E+03	1.2E+03	
Bromomethane	74-83-9					1.4E-03			I	5.0E-03	I	V		1		1.4E+09	1.6E+03	3.6E+03				1.1E+02		8.5E+00	7.9E+00			
Bromophos	2104-96-3					5.0E-03	H							1	0.1	1.4E+09						3.9E+02	1.4E+03		3.1E+02			
Bromoxynil	1689-84-5					2.0E-02			I					1	0.1	1.4E+09						1.6E+03	5.6E+03		1.2E+03			
Bromoxynil Octanoate	1689-99-2					2.0E-02			I					1	0.1	1.4E+09						1.6E+03	5.6E+03		1.2E+03			
Butadiene, 1,3-	106-99-0					3.0E-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	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				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				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				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				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	7.0E-04	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	3.5E+01
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					
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						1.6E+03		4.3E+04	4.3E+04			
Chloroaniline, p-	106-47-8					5.4E-02			P	4.0E-03				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				1	0.1	1.4E+09				5.8E+00	1.8E+01	1.1E+05	4.4E+00					

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	k	IUR	k	RfDo	k	RfCI	k	v	o	muta	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) <sup>1</sup>	y	(ug/m <sup>3</sup> -y)	e	(mg/kg-day)	e	(mg/m <sup>3</sup> )	e	e	y	gen	Part E	Part E	(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
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	8.5E+05	3.9E+02	
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I			V			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		2.3E+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		4.6E+02	
<b>Cyanides</b>																										
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	
Dactal	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					
DDD, 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	
Diallylate	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		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)																										

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					
	SFO (mg/kg- day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> - y)	k e y	RfDo (mg/kg- day)	k e y	RfC (mg/m <sup>3</sup> )	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 <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	Csat (mg/kg)	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
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	2.0E-01	H	V		1		1.4E+09	1.3E+04	2.2E+02	1.4E+00	4.5E+00		1.1E+00				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			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			1.6E+04
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			1.8E+01		9.8E-01	9.3E-01	7.8E+02	5.6E+03		6.9E+02
Dichlorophenoxy)butyric 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			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				
Difenzocquat	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
Difluoroethane, 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				3.0																		

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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	l	o	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total		
		(mg/kg-day) <sup>1</sup>	y	(ug/m <sup>3</sup> -y)	e	(mg/kg-day)	e	(mg/m <sup>3</sup> )	e	y	y	Part E GIABS	Part E ABS	(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	
<b>Diquat</b>	85-00-7					2.2E-03	I				1	0.1	1.4E+09													
<b>Direct Black 38</b>	1937-37-7	7.4E+00	C	2.1E-03	C						1	0.1	1.4E+09									1.7E+02	6.1E+02		1.3E+02	
<b>Direct Blue 6</b>	2602-46-2	7.4E+00	C	2.1E-03	C						1	0.1	1.4E+09													
<b>Direct Brown 95</b>	16071-86-6	6.7E+00	C	1.9E-03	C						1	0.1	1.4E+09													
<b>Disulfoton</b>	298-04-4					4.0E-05	I				1	0.1	1.4E+09									3.1E+00	1.1E+01		2.4E+00	
<b>Dithiane, 1,4-</b>	505-29-3					1.0E-02	I				1	0.1	1.4E+09													
<b>Diuron</b>	330-54-1					2.0E-03	I				1	0.1	1.4E+09													
<b>Dodine</b>	2439-10-3					4.0E-03	I				1	0.1	1.4E+09										3.1E+02	1.1E+03		2.4E+02
<b>Dioxins</b>																										
Hexachlorodibenzo-p-dioxin	34465-46-8	1.3E+04	W	3.8E+00	W						1	0.03	1.4E+09									4.9E-05	5.2E-04	8.7E-01	4.5E-05	
Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I						1	0.03	1.4E+09									1.0E-04	1.1E-03	2.5E+00	9.4E-05	
HpCDD, 2,3,7,8-	37871-00-4	1.3E+03	W	3.8E-01	W						1	0.03	1.4E+09									4.9E-04	5.2E-03	8.7E+00	4.5E-04	
OCDD	3268-87-9	3.9E+01	W	1.1E-02	W						1	0.03	1.4E+09									1.6E-02	1.7E-01	2.9E+02	1.5E-02	
PeCDD, 2,3,7,8-	36088-22-9	1.3E+05	W	3.8E+01	W						1	0.03	1.4E+09									4.9E-06	5.2E-05	8.7E-02	4.5E-06	
TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A				1	0.03	1.4E+09									4.9E-06	5.2E-05	8.7E-02	4.5E-06	
Endosulfan	115-29-7					6.0E-03	I				1	0.1	1.4E+09										7.8E+02	2.8E+03		6.1E+02
Endothal	145-73-3					2.0E-02	I				1	0.1	1.4E+09										1.6E+03	5.6E+03		1.2E+03
Endrin	72-20-8					3.0E-04	I				1	0.1	1.4E+09										2.3E+01	8.4E+01		1.8E+01
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V	1		1.4E+09	1.8E+04	8.4E+03											
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V	1		1.4E+09	7.4E+03	1.2E+04											
EPTC	759-94-4					2.5E-02	I				1		1.4E+09	1.6E+05	6.2E+02											
Ethephon	16672-87-0					5.0E-03	I				1	0.1	1.4E+09													
Ethion	563-12-2					5.0E-04	I				1	0.1	1.4E+09													
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H				1	0.1	1.4E+09													
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I		1	0.1	1.4E+09													
Ethyl Acetate	141-78-6					9.0E-01	I				1		1.4E+09	9.4E+03	1.1E+04											
Ethyl Acrylate	140-88-5	4.8E-02	H								1		1.4E+09	7.0E+03	2.6E+03							1.3E+01				
Ethyl Chloride	75-00-3							1.0E+01	I	V	1		1.4E+09	1.4E+03	2.2E+03											
Ethyl Ether	60-29-7					2.0E-01	I				1		1.4E+09	3.0E+03	8.2E+03											
Ethyl Methacrylate	97-63-2					9.0E-02	H				1		1.4E+09	6.4E+03	1.2E+03								1.6E+04			1.6E+04
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I				1	0.1	1.4E+09													
Ethylbenzene	100-41-4	1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	1		1.4E+09	6.5E+03	5.5E+02							5.8E+01	6.4E+00	5.7E+00	7.8E+03	6.8E+03
Ethylene Cyanohydrin	109-78-4					3.0E-02	P				1	0.1	1.4E+09													
Ethylene Diamine	107-15-3					9.0E-02	P				1	0.1	1.4E+09													
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C		1	0.1	1.4E+09													
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I		1	0.1	1.4E+09													
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C						1		1.4E+09	6.3E+03	1.1E+05							2.1E+00	1.7E-01	1.6E-01		3.9E+04
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I				1	0.1	1.4E+09													
Ethylphthalyl Ethyl Glycolate	84-72-0					3.0E+00	I				1	0.1	1.4E+09													
Express	101200-48-0					8.0E-03	I				1	0.1	1.4E+09													
Fenamiphos	22224-92-6					2.5E-04	I				1	0.1	1.4E+09													
Fenpropathrin	39515-41-8					2.5E-02	I				1	0.1	1.4E+09													
Fluometuron	2164-17-2					1.3E-02	I				1	0.1	1.4E+09													
Fluorine (Soluble Fluoride)	7782-41-4					6.0E-02	I				1		1.4E+09													
Fluridone	59756-60-4					8.0E-02	I				1	0.1	1.4E+09													
Flurprimidol	56425-91-3					2.0E-02	I				1	0.1	1.4E+09													
Flutolanil	66332-96-5					6.0E-02	I				1	0.1	1.4E+09													
Fluvalinate	69409-94-5					1.0E-02	I				1	0.1	1.4E+09													
Folpet	133-07-3	3.5E-03	I			1.0E-01	I				1	0.1	1.4E+09									1.8E+02	5.8E+02			1.4E+02
Fomesafen	72178-02-0	1.9E-01	I								1	0.1	1.4E+09													
Fonofos	944-22-9					2.0E-03	I				1	0.1	1.4E+09													
Formaldehyde	50-00-0					1.3E-05	I	2.0E-01	I	9.8E-03	A		1.4E+09											2.5E+05	2.5E+05	1.6E+04
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P		1	0.1	1.4E+09													
Fosetyl-AL	39148-24-8					3.0E+00	I				1	0.1	1.4E+09													
Furazolidone	67-45-8										1	0.1	1.4E+09													
Furfural	98-01-1	3.8E+00	H			3.0E-03	I	5.0E-02	H		1	0.1	1.4E+09													
Furium	531-82-8	1.5E+00	C	4.3E-04	C						1	0.1	1.4E+09													
Furmecyclox	60568-05-0	3.0E-02	I								1	0.1	1.4E+09													
<b>Furans</b>																										
Furan	110-00-9					1.0E-03	I				1		1.4E+09	2.9E+03	6.8E+03											
HpCDF, 2,3,7,8-	38998-75-3	1.3E+03	W	3.8E-01	W						1	0.1	1.4E+09													

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Contaminant		Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCI	k	v	RAGS	RAGS	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	o	muta	Part E	Part E	(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
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	
Haloxfop, 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					
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	
Imazallil	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	
<b>Lead Compounds</b>																								
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 Hydrzide	123-33-1					5.0E-01	I				1	0.1	1.4E+09							3.9E+04	1.4E+05		3.1E+04	
Malononitrite	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											



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Contaminant	Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
	SFO (mg/kg-day) <sup>1</sup>	k	IUR (ug/m <sup>3</sup> -y)	k	RfDo (mg/kg-day)	k	RfCI (mg/m <sup>3</sup> -y)	k	v	o	muta	RAGS Part E GIABS	RAGS Part E ABS	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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)
MCP	93-65-2				1.0E-03	I						1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Mephsolan	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
Metalsyl	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						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						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							1		1.4E+09	4.7E+03	6.9E+03				3.5E+02		4.4E+01	3.9E+01	1.5E+04
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1	1.4E+09						1.9E+01	6.1E+01		1.5E+01	1.5E+04
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							1	0.1	1.4E+09						4.9E+00	1.6E+01	8.9E+04	3.7E+00	
Methylarsonic acid	124-58-3				1.0E-02	A						1	0.1	1.4E+09								7.8E+02	2.8E+03	6.1E+02
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	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	4.7E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1	1.4E+09						1.5E+00	5.1E+00	3.0E+03	1.2E+00	1.6E+02
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	1.2E+02
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						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	1.6E+01
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
<b>Mercury Compounds</b>																								
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 Subsulfide	12035-72-2				4.8E-04	I						0.04		1.4E+09							6.9E+03	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	8.4E+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	8.4E+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		

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Contaminant		Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCI	k	v	muta	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) <sup>1</sup>	e	(ug/m <sup>3</sup> ) <sup>1</sup>	e	(mg/kg-day)	e	(mg/m <sup>3</sup> )	e	o	gen	Part E	Part E	(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	
Nitromethane	75-52-5			9.0E-06	P			2.0E-02	P	V		1		1.4E+09	1.7E+04	1.7E+04			4.7E+00	4.7E+00				3.6E+02	3.6E+02
Nitropropane, 2-	79-46-9			2.7E-03	H			2.0E-02	I	V		1		1.4E+09	1.3E+04	4.3E+03			1.2E-02	1.2E-02				2.8E+02	2.8E+02
Nitroso-di-N-butylamine, N-Nitroso-di-N-propylamine, N-Nitroso-N-ethylurea, N-	924-16-3 621-64-7 759-73-9	5.4E+00 7.0E+00 2.7E+01	I	1.6E-03	I						V	1		1.4E+09	2.8E+05	1.3E+04	1.2E-01 9.1E-02 5.5E-03		4.3E-01	9.3E-02 6.9E-02 4.3E-03					
Nitrosodiethanolamine, N-Nitrosodiethylamine, N-Nitrosodimethylamine, N-	1116-54-7 55-18-5 62-75-9	2.8E+00 1.5E+02 5.1E+01	I I I									1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			2.3E-01 9.9E-04 2.9E-03	7.2E-01 3.4E-03 9.9E-03	1.7E-01 3.0E+01 9.3E+01		6.3E-01	2.2E+00	4.9E-01		
Nitrosodiphenylamine, N-Nitrosomethylethylamine, N-Nitrosopyrrolidine, N-	86-30-6 10595-95-6 930-55-2	4.9E-03 2.2E+01 2.1E+00	I I I			8.0E-06	P					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			1.3E+02 2.9E-02 3.0E-01	4.1E+02 9.2E-02 9.6E-01	9.9E+01 2.2E-02 2.3E-01						
Nitrotoluene, m-Nitrotoluene, o-Nitrotoluene, p-	99-08-1 88-72-2 99-99-0			2.2E-01	P			2.0E-02	P			1		1.4E+09	1.4E+09	1.4E+09	2.9E+00 4.0E+01		2.9E+00 1.3E+02	7.0E+01 3.1E+02	5.6E+03 1.1E+03		1.2E+03 2.4E+02		
Norflurazon Nustar Octabromodiphenyl Ether	27314-13-2 85509-19-9 32536-52-0					4.0E-02 7.0E-04 3.0E-03	I I I					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						3.1E+03 5.5E+01 2.3E+02	1.1E+04 2.0E+02 8.4E+02		2.4E+03 4.3E+01 1.8E+02		
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX) Octamethylpyrophosphoramide Oryzalin	2691-41-0 152-16-9 19044-88-3					5.0E-02 2.0E-03 5.0E-02	I H I					1 1 1	0.006 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			3.9E+03 1.6E+02 3.9E+03	2.3E+05 5.6E+02 1.4E+04	2.3E+05 6.6E+02 1.4E+04			3.8E+03 1.2E+02 3.1E+03			
Oxadiazon Oxamyl Pacllobutrazol	19666-30-9 23135-22-0 76738-62-0					5.0E-03 2.5E-02 1.3E-02	I I I					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						3.9E+02 2.0E+03 1.0E+03	1.4E+03 7.0E+03 3.6E+03		3.1E+02 1.5E+03 7.9E+02		
Paraquat Dichloride Parathion Pebulate	1910-42-5 56-38-2 1114-71-2					4.5E-03 6.0E-03 5.0E-02	I H H					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						3.5E+02 4.7E+02 3.9E+03	1.3E+03 1.7E+03 1.4E+04		2.7E+02 3.7E+02 3.1E+03		
Pendimethalin Pentabromodiphenyl Ether Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	40487-42-1 32534-81-9 60348-60-9					4.0E-02 2.0E-03 1.0E-04	I I I					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						3.1E+03 1.6E+02 7.8E+00	1.1E+04 5.6E+02 7.8E+00		2.4E+03 1.2E+02 7.8E+00		
Pentachlorobenzene Pentachloroethane Pentachloronitrobenzene	608-93-5 76-01-7 82-68-8			9.0E-02	P			8.0E-04	I			1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			7.1E+00 2.5E+00	2.2E+01 7.8E+00	5.4E+00 1.9E+00	2.3E+02 8.4E+02			1.8E+02		
Pentachlorophenol Perchlorate and Perchlorate Salts Permethrin	87-86-5 14797-73-0 52645-53-1	1.2E-01	I			3.0E-02 7.0E-04 5.0E-02	I I I					1 1 1	0.25 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			5.3E+00	6.7E+00	3.0E+00	2.3E+03 3.4E+03			1.4E+03 5.5E+01 3.1E+03		
Phenmedipham Phenol Phenylenediamine, m- Phenylenediamine, o- Phenylenediamine, p- Phenylphenol, 2-	13684-63-4 108-95-2 108-45-2 95-54-5 106-50-3 90-43-7					2.5E-01 3.0E-01 6.0E-03	I I I			2.0E-01	C	1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						2.0E+04 2.3E+04 4.7E+02	7.0E+04 8.4E+04 1.7E+03		1.5E+04 1.8E+04 3.7E+02		
Phorate Phosgene Phosmet	298-02-2 75-44-5 732-11-6					2.0E-04 3.0E-04 2.0E-02	H I I					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09	1.3E+03	8.7E+04				1.6E+01 1.6E+03	5.6E+01 5.6E+03	4.0E-01	1.2E+01 1.2E+03		
Phosphine Phosphoric Acid Phosphorus, White	7803-51-2 7664-38-2 7723-14-0					3.0E-04 1.0E-02 2.0E-05	I I I					1 1 1		1.4E+09 1.4E+09 1.4E+09						2.3E+01		4.3E+05	2.3E+01	1.4E+07 1.6E+00	
Phthalic Acid, P- Phthalic Anhydride Picloram	100-21-0 85-44-9 1918-02-1					1.0E+00 2.0E+00 7.0E-02	H I I			2.0E-02	C	1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						7.8E+04 1.6E+05 5.5E+03	2.8E+05 5.6E+05 2.0E+04	2.8E+07	6.1E+04 1.2E+05 4.3E+03		
Picramic Acid (2-Amino-4,6-dinitrophenol) Pirimiphos, Methyl Polybrominated Biphenyls	96-91-3 29232-93-7 59536-65-1					2.0E-03 1.0E-02	P I					1 1	0.1 0.1	1.4E+09 1.4E+09			2.1E-02	6.7E-02	3.8E+02	1.6E-02	5.5E-01	2.0E+00		8.5E+05 8.5E+05	
Polymeric Methylene Diphenyl Diisocyanate (PMDI) Potassium Perchlorate Prochloraz	9016-87-9 7778-74-7 67747-09-5					7.0E-04 9.0E-03	I I			6.0E-04	I	1 1	0.1 0.1	1.4E+09 1.4E+09							5.5E+01	7.0E+02	2.5E+03	5.5E+02	
Profluralin Prometon Prometryn	26399-36-0 1610-18-0 7287-19-6					6.0E-03 1.5E-02 4.0E-03	H I I					1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09						4.7E+02 1.2E+03 3.1E+02	1.7E+03 4.2E+03 1.1E+03		3.7E+02 9.2E+02 2.4E+02		
Propachlor Propanil	1918-16-7 709-98-8					1.3E-02 5.0E-03	I I					1 1	0.1 0.1	1.4E+09 1.4E+09						1.0E+03	3.6E+03		7.9E+02 3.1E+02		



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

Analyte	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
		SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>d</sub> y	RfDo (mg/kg-day)	k <sub>e</sub> y	RfC (mg/m <sup>3</sup> )	k <sub>v</sub> y	m <sub>o</sub> y	muta gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	Csat (mg/kg)	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total			
																	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
Propargite	2312-35-8				2.0E-02	I					1	0.1	1.4E+09									1.6E+03	5.6E+03		1.2E+03		
Propargyl Alcohol	107-19-7				2.0E-03	I					1	0.1	1.4E+09										1.6E+02	5.6E+02		1.2E+02	
Propazine	139-40-2				2.0E-02	I					1	0.1	1.4E+09									1.6E+03	5.6E+03		1.2E+03		
Propham	122-42-9				2.0E-02	I					1	0.1	1.4E+09									1.6E+03	5.6E+03		1.2E+03		
Propiconazole	60207-90-1				1.3E-02	I					1	0.1	1.4E+09									1.0E+03	3.6E+03		7.9E+02		
Propylene Glycol	57-55-6				2.0E+01	P					1	0.1	1.4E+09									1.6E+06	5.6E+06		1.2E+06		
Propylene Glycol Dinitrate	6423-43-4						A				2.7E-04	A	V	1			1.4E+09	2.1E+05	1.4E+03				6.0E+01	6.0E+01			
Propylene Glycol Monoethyl Ether	1569-02-4				7.0E-01	H					1	0.1	1.4E+09									5.5E+04	2.0E+05		4.3E+04		
Propylene Glycol Monomethyl Ether	107-98-2				7.0E-01	H					2.0E+00	I		1	0.1	1.4E+09						5.5E+04	2.0E+05	2.8E+09	4.3E+04		
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I						3.0E-02	I	V	1			1.4E+09	9.6E+03	6.8E+04	2.7E+00		6.3E+00	1.9E+00	3.0E+02	3.0E+02		
Pursuit	81335-77-5				2.5E-01	I					1	0.1	1.4E+09									2.0E+04	7.0E+04		1.5E+04		
Pydrin	51630-58-1				2.5E-02	I					1	0.1	1.4E+09									2.0E+03	7.0E+03		1.5E+03		
Pyridine	110-86-1				1.0E-03	I							V	1			1.4E+09	4.5E+04	3.0E+05			7.8E+01			7.8E+01		
<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						9.1E+00	2.1E+01	1.7E+05	6.3E+00	5.5E+00	1.4E+01	3.9E+00
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I								V	1	0.14	1.4E+09	1.8E+05	3.0E+02			3.2E-01	7.2E-01	7.8E-01	1.7E-01			
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I								V	1	0.14	1.4E+09	1.8E+05	3.0E+02			3.2E-01	7.2E-01	7.8E-01	1.7E-01			
Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I								V	1	0.14	1.4E+09					3.2E-01	7.2E-01	5.8E+03	2.2E-01			
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I								V	1	0.14	1.4E+09					3.2E-01	7.2E-01	5.8E+03	2.2E-01			
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I							1	0.14	1.4E+09					3.2E-01	7.2E-01	5.8E+03	2.2E-01	1.6E+00	4.0E+00	1.1E+00
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I								V	1	0.14	1.4E+09					3.2E-01	7.2E-01	5.8E+03	2.2E-01			
Heptachlorobiphenyl, 2,2',3,3',4,4',5'- (PCB 170)	35065-30-6	1.3E+01	W	3.8E-03	W									1	0.14	1.4E+09					4.9E-02	1.1E-01	8.7E+02	3.4E-02			
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	1.3E+00	W	3.8E-04	W									1	0.14	1.4E+09					4.9E-01	1.1E+00	8.7E+03	3.4E-01			
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Hexachlorobiphenyl, 2,3,4,4',5,5'- (PCB 167)	52663-72-6	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Hexachlorobiphenyl, 3,3,4,4',5,5'- (PCB 169)	32774-16-6	3.9E+03	W	1.1E+00	W									1	0.14	1.4E+09					1.6E-04	3.7E-04	2.9E+00	1.1E-04			
Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 123)	65510-44-3	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 118)	31508-00-6	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	3.9E+00	W	1.1E-03	W									1	0.14	1.4E+09					1.6E-01	3.7E-01	2.9E+03	1.1E-01			
Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	1.3E+04	W	3.8E+00	W									1	0.14	1.4E+09					4.9E-05	1.1E-04	8.7E-01	3.4E-05			
Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C									1	0.1	1.4E+09					3.2E-01	1.0E+00	5.8E+03	2.4E-01			
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	W	3.8E-03	W									1	0.14	1.4E+09					4.9E-02	1.1E-01	8.7E+02	3.4E-02			
Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	3.9E+01	W	1.1E-02	W									1	0.14	1.4E+09					1.6E-02	3.7E-02	2.9E+02	1.1E-02			
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>																											
Acenaphthene	83-32-9				6.0E-02	I							V	1	0.13	1.4E+09	1.7E+05							4.7E+03	1.3E+04	3.4E+03	
Anthracene	120-12-7				3.0E-01	I							V	1	0.13	1.4E+09	6.3E+05					2.3E+04	6.4E+04			1.7E+04	
Benz[a]anthracene	56-55-3	7.3E-01	*	1.1E-04	C								M	1	0.13	1.4E+09					2.0E-01	5.3E-01	1.2E+04	1.5E-01			
Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C								M	1	0.13	1.4E+09					2.0E-02	5.3E-02	1.2E+03	1.5E-02			
Benzo[b]fluoranthene	205-99-2	7.3E-01	*	1.1E-04	C								M	1	0.13	1.4E+09					2.0E-01	5.3E-01	1.2E+04	1.5E-01			
Benzo[k]fluoranthene	207-08-9	7.3E-02	*	1.1E-04	C								M	1	0.13	1.4E+09					2.0E+00	5.3E+00	1.2E+04	1.5E+00			
Chrysene	218-01-9	7.3E-03	*	1.1E-05	C								M	1	0.13	1.4E+09					2.0E+01	5.3E+01	1.2E+05	1.5E+01			
Dibenz[a,h]anthracene	53-70-3	7.3E+00	*	1.2E-03	C								M	1	0.13	1.4E+09					2.0E-02	5.3E-02	1.1E+03	1.5E-02			
Fluoranthene	206-44-0				4.0E-02	I								1	0.13	1.4E+09								3.1E+03	8.6E+03	2.3E+03	
Fluorene	86-73-7				4.0E-02	I							V	1	0.13	1.4E+09	3.4E+05							3.1E+03	8.6E+03	2.3E+03	
Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	*	1.1E-04	C								M	1	0.13	1.4E+09					2.0E-01	5.3E-01	1.2E+04	1.5E-01			
Methylanthracene, 1-	90-12-0	2.9E-02	P										V	1	0.1	1.4E+09	6.9E+04	4.6E+02			2.2E+01		2.2E+01				
Methylnaphthalene, 2-	91-57-6				4.0E-03	I							V	1	0.13	1.4E+09	6.8E+04	4.4E+02						3.1E+02		3.1E+02	
Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V	1	0.13	1.4E+09	5.4E+04									3.9E+00	3.9E+00	1.6E+03	4.3E+03	1.7E+02
Pyrene	129-00-0				3.0E-02	I							V	1	0.13	1.4E+09	2.9E+06							2.3E+03	6.4E+03	1.7E+03	
Quinalphos	13593-03-8				5.0E-04	I								1	0.1	1.4E+09								3.9E+01	1.4E+02		3.1E+01
Quinoline	91-22-5	3.0E+00	I											1	0.1	1.4E+09					2.1E-01	6.7E-01		1.6E-01			
Refractory Ceramic Fibers	NA							3.0E-02	A					1	0.1	1.4E+09									4.3E+07	4.3E+07	
Resmethrin	10453-86-8				3.0E-02	I								1	0.1	1.4E+09								2.3E+03	8.4E+03	1.8E+03	
Ronnel	299-84-3				5.0E-02	H								1	0.1	1.4E+09								3.9E+03	1.4E+04	3.1E+03	
Rotenone	83-79-4				4.0E-03	I								1	0.1	1.4E+09								3.1E+02	1.1E+03	2.4E+02	
Savey	78587-05-0				2.5E-02	I								1	0.1	1.4E+09								2.0E+03	7.0E+03		

Key: I = IRIS; P = PPRVT; 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) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> - <sup>1</sup> y)	k e y	RfDo (mg/kg-day)	k e y	RfCI (mg/m <sup>3</sup> )	k e y	Vo l a t i l e	Mu t a g e n	RAGS Part E GIABS	RAGS Part E ABS	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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	
Sythane	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					1		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					1		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		1.4E+09	2.6E+03	1.8E+02	1.2E+00		1.1E+00	5.7E-01	7.8E+02		7.5E+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			3.1E+01	
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		1.4E+09	1.4E+03	8.2E+02						1.1E+05	1.1E+05	
Tetryl (Trinitrophenylmethyl nitramine)	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		2.8E+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				
Tralomepethrin	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	1.2E+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	H V					1		1.4E+09	1.4E+03	9.4E+02				2.3E+06		4.4E+04	4.3E+04	
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H			3.4E-02	H					1	0.1	1.4E+09			2.2E+01	7.0E+01		1.7E+01				
Trichloroaniline, 2,4,6-	634-93-5					3.4E-02	H																	

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) <sup>1</sup>	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y) <sup>1</sup>	k <sub>e</sub> y	RfDo (mg/kg-day)	k <sub>e</sub> y	RfC (mg/m <sup>3</sup> )	k <sub>e</sub> y	v	o	muta	gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	Csat (mg/kg)	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
																			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	
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			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		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							1		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							1		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	
Zincb	12122-67-7					5.0E-02	I							1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03	