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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	vo c	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					1	0.1		5.6E+01	c**	2.0E+02	c*					7.7E+00	c*		1.9E-03	
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V		1		1.1E+05	1.1E+01	c**	5.3E+01	c**	1.1E+00	c**	5.6E+00	c**	2.2E+00	c**		4.5E-04	
Acetochlor	34256-82-1					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		4.0E-01	
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V		1		1.1E+05	6.1E+04	n	6.1E+05	nms	3.2E+04	n	1.4E+05	n	2.2E+04	n		4.4E+00	
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V		1		1.1E+05	2.0E+02	n	2.1E+03	n	6.3E+01	n	2.6E+02	n	5.8E+01	n		1.2E-02	
Acetonitrile	75-05-8							6.0E-02	I	V		1		1.3E+05	8.7E+02	n	3.7E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	
Acetophenone	98-86-2					1.0E-01	I			V		1		2.3E+03	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		1.1E+00	
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V		1		2.5E+04	1.6E-01	n	6.8E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.6E-06	
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					1	0.1		1.1E-01	c	3.8E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c		3.3E-06	
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I			1	0.1		3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	1.8E+04	n		3.7E+00	
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	1.0E-03	H	2.0E-03	I	V		1		1.1E+04	2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*		9.9E-06	
Adiponitrile	111-69-3							6.0E-03	P			1	0.1		8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n					
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					1	0.1		8.7E+00	c*	3.1E+01	c					1.2E+00	c	2.0E+00	6.8E-04	1.1E-03
ALAR	1596-84-5					1.5E-01	I					1	0.1		9.2E+03	n	9.2E+04	n					5.5E+03	n		1.2E+00	
Aldicarb	116-06-3					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		9.7E-03	
Aldicarb Sulfone	1646-88-4					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		8.0E-03	
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1		2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	4.0E-03	c		8.4E-04	
Ally	74223-64-6					2.5E-01	I					1	0.1		1.5E+04	n	1.5E+05	nm					9.1E+03	n		3.1E+00	
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P			1	0.1		3.1E+02	n	3.1E+03	n	3.1E-01	n	1.3E+00	n	1.8E+02	n		3.7E-02	
Allyl Chloride	107-05-1							1.0E-03	I	V		1		1.5E+03	1.8E+00	n	7.7E+00	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		6.8E-04	
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P			1			7.7E+04	n	9.9E+05	nm	5.2E+00	n	2.2E+01	n	3.7E+04	n		5.5E+04	
Aluminum Phosphide	20859-73-8					4.0E-04	I					1			3.1E+01	n	4.1E+02	n					1.5E+01	n			
Amdro	67485-29-4					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		1.4E+04	
Ametryn	834-12-8					9.0E-03	I					1	0.1		5.5E+02	n	5.5E+03	n					3.3E+02	n		3.6E-01	
Aminophenol, m-	591-27-5					8.0E-02	P					1	0.1		4.9E+03	n	4.9E+04	n					2.9E+03	n		1.0E+00	
Aminophenol, p-	123-30-8					2.0E-02	P					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		2.5E-01	
Amitraz	33089-61-1					2.5E-03	I					1	0.1		1.5E+02	n	1.5E+03	n					9.1E+01	n		1.2E+02	
Ammonia	7664-41-7							1.0E-01	I			1			1.4E+08	nm	6.0E+08	nm	1.0E+02	n	4.4E+02	n					
Ammonium Perchlorate	7790-98-9					7.0E-04	I					1			5.5E+01	n	7.2E+02	n					2.6E+01	n			
Ammonium Sulfamate	7773-06-0					2.0E-01	I					1			1.6E+04	n	2.0E+05	nm					7.3E+03	n			
Aniline	62-53-3	5.7E-03	I			7.0E-03	P	1.0E-03	I			1	0.1		8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c*		3.4E-03	
Antimony (metallic)	7440-36-0					4.0E-04	I					0.15			3.1E+01	n	4.1E+02	n					1.5E+01	n	6.0E+00	6.6E-01	2.7E-01
Antimony Pentoxide	1314-60-9					5.0E-04	H					0.15			3.9E+01	n	5.1E+02	n					1.8E+01	n			
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H					0.15			7.0E+01	n	9.2E+02	n					3.3E+01	n			
Antimony Tetroxide	1332-81-6					4.0E-04	H					0.15			3.1E+01	n	4.1E+02	n					1.5E+01	n			
Antimony Trioxide	1309-64-4					4.0E-04	H	2.0E-04	I			0.15			3.1E+01	n	4.1E+02	n	2.1E-01	n	8.8E-01	n	1.5E+01	n			
Apollo	74115-24-5					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		6.1E+02	
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		1.9E+01	c	6.9E+01	c	3.4E-01	c	1.7E+00	c	2.7E+00	c		1.1E-01	
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	3.0E-05	C			1	0.03		3.9E-01	c*	1.6E+00	c	5.7E-04	c*	2.9E-03	c*	4.5E-02	c	1.0E+01	1.3E-03	2.9E-01
Arsine	7784-42-1							5.0E-05	I			1			7.1E+04	n	3.0E+05	nm	5.2E-02	n	2.2E-01	n					
Assure	76578-14-8					9.0E-03	I					1	0.1		5.5E+02	n	5.5E+03	n					3.3E+02	n		3.6E+00	
Asulam	3337-71-1					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		5.2E-01	
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I					1	0.1		2.1E+00	c	7.5E+00	c					2.9E-01	c	3.0E+00	1.9E-04	2.0E-03
Avermectin B1	65195-55-3					4.0E-04	I					1	0.1		2.4E+01	n	2.5E+02	n					1.5E+01	n		4.1E-02	
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V		1			4.9E+00	c	2.2E+01	c	7.8E-02	c	4.0E-01	c	1.2E-01	c		5.1E-04	
Barium	7440-39-3					2.0E-01	I	5.0E-04	H			0.07			1.5E+04	n	1.9E+05	nm	5.2E-01	n	2.2E+00	n	7.3E+03	n	2.0E+03	3.0E+02	8.2E+01
Baygon	114-26-1					4.0E-03	I					1	0.1		2.4E+02	n	2.5E+03	n					1.5E+02	n		4.2E-02	
Bayleton	43121-43-3					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		1.2E+01	
Baythroid	68359-37-5					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		3.3E+02	
Benefin	1861-40-1					3.0E-01	I					1	0.1		1.8E+04	n	1.8E+05	nm					1.1E+04	n		2.1E+02	
Benomyl	17804-35-2					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		2.3E+00	
Bentazon	25057-89-0					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		3.0E-01	
Benzaldehyde	100-52-7					1.0E-01	I			V		1		1.9E+03	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		9.7E-01	
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		2.0E+03	1.1E+00	c*	5.6E+00	c*	3.1E-01	c	1.6E+00	c*	4.1E-01	c	5.0E+00	2.3E-04	2.8E-03
Benzenethiol	108-98-5					1.0E-05	H			V		1		1.4E+03	7.8E-01	n	1.0E+01	n					3.7E-01	n		2.7E-04	
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		5.0E-04	c	7.5E-03	c	1.4E-05	c	1.8E-04	c	9.4E-05	c		5.3E-07	
Benzoic Acid	65-85-0					4.0E+00	I					1	0.1		2.4E+05	nm	2.5E+06	nm					1.5E+05	n		3.3E+01	
Benzotrichloride	98-07-7	1.3E+01	I							V		1		1.6E+02	4.9E-02	c	2.2E-01	c					5.2E-03	c		1.3E-05	
Benzyl Alcohol	100-51-6					5.0E-01	P					1	0.1		3.1E+04	n	3.1E+05	nm					1.8E+04	n		4.2E+00	
Benzyl Chloride	100-44-7	1.7E-01	I			2.0E-03	P	1.0E-03	P	V		1		6.4E+01	3.8E+00	c**	1.7E+01	c**	1.0E+00	n	4.4E+00	n	4.0E-01	c**		4.9E-04	
Beryllium and compounds	7440-41-7			2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			1.6E+02	n	2.0E+03	n	1.0E-03	c*	5.1E-03	c*	7.3E+01	n	4.0E+00	5.8E+01	3.2E+00
Bidrin	141-66-2					1.0E-04	I					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		3.4E-03	
Bifenox	42576-02-3					9.0E-03	P					1	0.1		5.5E+02	n	5.5E+03	n					3.3E+02	n		2.6E+00	
Biphenthrin	82657-04-3					1.5E-02	I					1	0.1		9.2E+02	n	9.2E+03	n					5.5E+02	n		3.5E+03	
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V		1		2.6E+02	3.9E+03	ns	5.1E+04	ns					1.8E+03	n		2.3E+01	
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		2.3E-02	
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I					V		1		3.3E+03	1.9E-01	c	9.0E-01	c	7.4E-03	c	3.7E-02	c	1.2E-02	c		2.7E-06	

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Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1			3.5E+00	c	1.7E+01	c	2.4E-01	c	1.2E+00	c	3.2E-01	c		9.0E-05	
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I			2.0E-02	I					1	0.1		3.5E+01	c*	1.2E+02	c*					4.8E+00	c	6.0E+00	1.6E+00	2.0E+00
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I					V		1		2.8E+03	2.7E-04	c	1.3E-03	c	3.9E-05	c	2.0E-04	c	6.2E-05	c		1.3E-08	
Bisphenol A	80-05-7					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		2.7E+02	
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H			1			1.6E+04	n	2.0E+05	nm	2.1E+01	n	8.8E+01	n	7.3E+03	n		2.3E+01	
Boron Trifluoride	7637-07-2							7.0E-04	H			1			9.9E+05	nm	4.2E+06	nm	7.3E-01	n	3.1E+00	n					
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I					1			9.1E-01	c	4.1E+00	c					9.6E-02	c	1.0E+01	7.4E-04	7.7E-02
Bromobenzene	108-86-1					2.0E-02	P	1.0E-02	P	V		1		7.7E+02	9.4E+01	n	4.1E+02	n	1.0E+01	n	4.4E+01	n	2.0E+01	n		1.5E-02	
Bromodichloromethane	75-27-4	6.2E-02	I			2.0E-02	I			V		1		9.9E+02	1.0E+01	c	4.6E+01	c					1.1E+00	c		3.0E-04	
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		6.1E+01	c*	2.2E+02	c*	2.2E+00	c	1.1E+01	c	8.5E+00	c*		2.3E-03	
Bromomethane	74-83-9					1.4E-03	I	5.0E-03	I	V		1		3.6E+03	7.9E+00	n	3.5E+01	n	5.2E+00	n	2.2E+01	n	8.7E+00	n		2.2E-03	
Bromophos	2104-96-3					5.0E-03	H					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		7.7E-01	
Bromoxynil	1689-84-5					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		7.8E-01	
Bromoxynil Octanoate	1689-99-2					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		7.2E+00	
Butadiene, 1,3-	106-99-0			3.0E-05	I			2.0E-03	I	V		1		6.9E+02	7.7E-02	c*	3.9E-01	c*	8.1E-02	c*	4.1E-01	c*	1.6E-01	c*		9.0E-05	
Butanol, N-	71-36-3					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		7.5E-01	
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I					1	0.1		2.6E+02	c*	9.1E+02	c					3.5E+01	c		6.7E-01	
Butylate	2008-41-5					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		2.6E+00	
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I					1	0.1		6.1E+04	n	6.2E+05	nm					3.7E+04	n		1.1E+03	
Cacodylic Acid	75-60-5					2.0E-02	A					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n			
Cadmium (Diet)	7440-43-9			1.8E-03	I	1.0E-03	I					0.025	0.001		7.0E+01	n	8.1E+02	n									
Cadmium (Water)	7440-43-9			1.8E-03	I	5.0E-04	I					0.05	0.001						1.4E-03	c	6.8E-03	c	1.8E+01	n	5.0E+00	1.4E+00	3.8E-01
Caprolactam	105-60-2					5.0E-01	I					1	0.1		3.1E+04	n	3.1E+05	nm					1.8E+04	n		5.7E+00	
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		3.2E+00	c*	1.1E+01	c	5.7E-02	c	2.9E-01	c	4.5E-01	c		2.5E-03	
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		2.1E+02	c*	7.5E+02	c	3.7E+00	c	1.9E+01	c	2.9E+01	c		5.6E-02	
Carbaryl	63-25-2					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		2.5E+00	
Carbofuran	1563-66-2					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	6.2E-02	1.4E-02
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V		1		2.6E+02	6.7E+02	ns	3.0E+03	ns	7.3E+02	n	3.1E+03	n	1.0E+03	n		2.7E-01	
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V		1		4.8E+02	2.5E-01	c	1.3E+00	c	1.6E-01	c	8.2E-01	c	2.0E-01	c	5.0E+00	7.9E-05	2.0E-03
Carbosulfan	55285-14-8					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.1E+01	
Carboxin	5234-68-4					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		1.3E+00	
Chloral Hydrate	302-17-0					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		7.4E-01	
Chloramben	133-90-4					1.5E-02	I					1	0.1		9.2E+02	n	9.2E+03	n					5.5E+02	n		1.2E-01	
Chloranil	118-75-2	4.0E-01	H									1	0.1		1.2E+00	c	4.3E+00	c					1.7E-01	c		3.7E-05	
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		1.6E+00	c*	6.5E+00	c*	2.4E-02	c*	1.2E-01	c*	1.9E-01	c*	2.0E+00	3.3E-02	3.5E-01
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C							1	0.1		3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	4.2E-03	c		1.5E-04	
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		2.6E-01	
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A			1			7.5E+03	n	9.1E+04	n	1.5E-01	n	6.4E-01	n	3.7E+03	n		1.6E+00	
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I			1			2.3E+03	n	3.0E+04	n	2.1E-01	n	8.8E-01	n	1.1E+03	n			
Chlorite (Sodium Salt)	7758-19-2					3.0E-02	I					1			2.3E+03	n	3.1E+04	n					1.1E+03	n			
Chloro-1,1-difluoroethane, 1-	75-68-3							5.0E+01	I	V		1		1.2E+03	5.9E+04	ns	2.5E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		5.3E+01	
Chloro-1,3-butadiene, 2-	126-99-8					2.0E-02	H	7.0E-03	H	V		1		8.2E+02	8.6E+00	n	3.6E+01	n	7.3E+00	n	3.1E+01	n	1.4E+01	n		7.7E-03	
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H									1	0.1		1.1E+00	c	3.7E+00	c					1.5E-01	c		6.4E-05	
Chloro-2-methylaniline, 4-	95-69-2	2.7E-01	C	7.7E-05	C							1	0.1		1.8E+00	c	6.4E+00	c	3.2E-02	c	1.6E-01	c	2.5E-01	c		1.1E-04	
Chloroacetic Acid	79-11-8					2.0E-03	H					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02	
Chloroacetophenone, 2-	532-27-4							3.0E-05	I			1	0.1		4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n					
Chloroaniline, p-	106-47-8	5.4E-02	P			4.0E-03	I					1	0.1		9.0E+00	c*	3.2E+01	c*					1.2E+00	c		4.3E-04	
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V		1		8.6E+02	3.1E+02	n	1.5E+03	ns	5.2E+01	n	2.2E+02	n	9.1E+01	n	1.0E+02	6.8E-02	7.5E-02
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		4.4E+00	c	1.6E+01	c	7.8E-02	c	4.0E-01	c	6.1E-01	c		1.7E-03	
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V		1		5.5E+02	2.1E+02	n	2.4E+03	ns	3.1E+02	n	1.3E+03	n	9.3E+01	n		3.9E-01	
Chlorobutane, 1-	109-69-3					4.0E-02	P			V		1		7.9E+02	3.1E+03	ns	4.1E+04	ns					1.5E+03	n		6.2E-01	
Chlorodifluoromethane	75-45-6							5.0E+01	I	V		1		1.7E+03	5.3E+04	ns	2.2E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.4E+01	
Chloroform	67-66-3	3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.7E+03	3.0E-01	c	1.5E+00	c	1.1E-01	c	5.3E-01	c	1.9E-01	c		5.5E-05	
Chloromethane	74-87-3	1.3E-02	H	1.8E-06	H			9.0E-02	I	V		1		1.4E+03	1.7E+00	c*	8.4E+00	c*	1.4E+00	c*	6.8E+00	c*	1.8E+00	c		4.6E-04	
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V		1		2.1E+02	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		1.8E+01	
Chloronitrobenzene, o-	88-73-3	9.7E-03	P			1.0E-03	P	7.0E-05	P			1	0.1		5.0E+01	c**	1.8E+02	c**	7.3E-02	n	3.1E-01	n	6.9E+00	c**		5.8E-03	
Chloronitrobenzene, p-	100-00-5	6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1		6.1E+01	n	2.7E+02	c**	6.3E-01	n	2.6E+00	n	1.1E+01	c**		8.7E-03	
Chlorophenol, 2-	95-57-8					5.0E-03	I			V		1		7.9E+04	3.9E+02	n	5.1E+03	n					1.8E+02	n		2.0E-01	
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1		1.6E+02	c**	5.6E+02	c*	2.7E+00	c	1.4E+01	c	2.2E+01	c*		1.1E-01	
Chlorotoluene, o-	95-49-8					2.0E-02	I			V		1		1.0E+03	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		8.0E-01	
Chlorotoluene, p-	106-43-4					7.0E-02	P			V		1		2.9E+02	5.5E+03	ns	7.2E+04	ns					2.6E+03	n		2.8E+00	
Chlorpropham	101-21-3					2.0E-01	I					1	0.1		1.2E+04	n	1.2E+05	nm					7.3E+03	n		4.5E+00	
Chlorpyrifos	2921-88-2					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		1.5E+00	
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.5E+00	
Chlorsulfuron	64902-72-3					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		1.2E+00	
Chlorthiophos	60238-56-4					8.0E-04	H					1	0.1		4.9E+01	n	4.9E+02	n					2.9E+01	n		7.8E-01	
Chromium (III) (Insoluble Salts)	16065-83-1					1.5E+00	I					0.013			1.2E+05	nm	1.5E+06	nm					5.5E+04	n		9.9E+07	

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Chromium VI (chromic acid mists)	18540-29-9			8.4E-02	I	3.0E-03	I	8.0E-06	I			1							2.9E-05	c	1.5E-04	c	1.1E+02	n		2.1E+00	
Chromium VI (particulates)	18540-29-9			8.4E-02	I	3.0E-03	I	1.0E-04	I			0.025			3.9E+01	c**	2.0E+02	c*	2.9E-05	c	1.5E-04	c					
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3			1.2E-02	I						M	0.013			2.8E+02	c	1.4E+03	c	2.0E-04	c	1.0E-03	c					
Cobalt	7440-48-4			9.0E-03	P	3.0E-04	P	6.0E-06	P			1			2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	1.1E+01	n		4.9E-01	
Coke Oven Emissions	8007-45-2			6.2E-04	I						M	1	0.1						1.5E-03	c	2.0E-02	c					
Copper	7440-50-8					4.0E-02	H					1			3.1E+03	n	4.1E+04	n					1.5E+03	n	1.3E+03	5.1E+01	4.6E+01
Cresol, m-	108-39-4					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		1.9E+00	
Cresol, o-	95-48-7					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		2.0E+00	
Cresol, p-	106-44-5					5.0E-03	H					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		1.9E-01	
Crotonaldehyde, trans-	123-73-9	1.9E+00	H							V		1		2.4E+04	3.4E-01	c	1.5E+00	c					3.5E-02	c		7.4E-06	
Cumene	98-82-8					1.0E-01	I	4.0E-01	I	V		1		3.1E+02	2.2E+03	ns	1.1E+04	ns	4.2E+02	n	1.8E+03	n	6.8E+02	n		1.3E+00	
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H					1	0.1		5.8E-01	c	2.1E+00	c					8.0E-02	c		3.6E-05	
Cyclohexane	110-82-7							6.0E+00	I	V		1		1.2E+02	7.2E+03	ns	3.0E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01	
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H									1	0.1		2.1E+01	c	7.5E+01	c					2.9E+00	c		2.0E-02	
Cyclohexanone	108-94-1					5.0E+00	I					1	0.1		3.1E+05	nm	3.1E+06	nm					1.8E+05	n		4.2E+01	
Cyclohexylamine	108-91-8					2.0E-01	I					1	0.1		1.2E+04	n	1.2E+05	nm					7.3E+03	n		2.0E+00	
Cyhalothrin/karate	68085-85-8					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		1.7E+02	
Cypermethrin	52315-07-8					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		7.9E+01	
Cyromazine	66215-27-8					7.5E-03	I					1	0.1		4.6E+02	n	4.6E+03	n					2.7E+02	n		6.6E-02	
Cyanides																											
Calcium Cyanide	592-01-8					4.0E-02	I					1			3.1E+03	n	4.1E+04	n					1.5E+03	n			
Copper Cyanide	544-92-3					5.0E-03	I					1			3.9E+02	n	5.1E+03	n					1.8E+02	n			
Cyanide (CN-)	57-12-5					2.0E-02	I					1			1.6E+03	n	2.0E+04	n					7.3E+02	n	2.0E+02	7.4E+00	2.0E+00
Cyanogen	460-19-5					4.0E-02	I			V		1			3.1E+03	n	4.1E+04	n					1.5E+03	n			
Cyanogen Bromide	506-68-3					9.0E-02	I			V		1			7.0E+03	n	9.2E+04	n					3.3E+03	n			
Cyanogen Chloride	506-77-4					5.0E-02	I			V		1			3.9E+03	n	5.1E+04	n					1.8E+03	n			
Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V		1			1.6E+03	n	2.0E+04	n	3.1E+00	n	1.3E+01	n	6.2E+00	n			
Potassium Cyanide	151-50-8					5.0E-02	I					1			3.9E+03	n	5.1E+04	n					1.8E+03	n			
Potassium Silver Cyanide	506-61-6					2.0E-01	I					0.04			1.6E+04	n	2.0E+05	nm					7.3E+03	n			
Silver Cyanide	506-64-9					1.0E-01	I					0.04			7.8E+03	n	1.0E+05	nm					3.7E+03	n			
Sodium Cyanide	143-33-9					4.0E-02	I					1			3.1E+03	n	4.1E+04	n					1.5E+03	n			
Thiocyanate	463-56-9					2.0E-04	P			V		1		5.6E+03	1.6E+01	n	2.0E+02	n					7.3E+00	n		1.5E-03	
Zinc Cyanide	557-21-1					5.0E-02	I					1			3.9E+03	n	5.1E+04	n					1.8E+03	n			
Dacthal	1861-32-1					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		2.8E-01	
Dalapon	75-99-0					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n	2.0E+02	2.2E-01	4.1E-02
DDD	72-54-8	2.4E-01	I									1	0.1		2.0E+00	c	7.2E+00	c					2.8E-01	c		8.6E-02	
DDE, p,p'-	72-55-9	3.4E-01	I									1	0.1		1.4E+00	c	5.1E+00	c					2.0E-01	c		6.0E-02	
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		1.7E+00	c*	7.0E+00	c*	2.5E-02	c	1.3E-01	c	2.0E-01	c*		8.7E-02	
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	7.0E-04	I			7.0E-03	I					1	0.1		4.3E+02	n	2.5E+03	c**					9.6E+01	c**		7.8E+01	
Demeton	8065-48-3					4.0E-05	I					1	0.1		2.4E+00	n	2.5E+01	n					1.5E+00	n			
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I					1	0.1		4.0E+02	c*	1.4E+03	c					5.6E+01	c	4.0E+02	5.5E+00	3.9E+01
Diallate	2303-16-4	6.1E-02	H									1	0.1		8.0E+00	c	2.8E+01	c					1.1E+00	c		2.5E-03	
Diazinon	333-41-5					9.0E-04	H					1	0.1		5.5E+01	n	5.5E+02	n					3.3E+01	n		9.4E-02	
Dibromo-3-chloropropane, 1,2-	96-12-8	8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		1.1E+03	5.6E-03	c	7.3E-02	c	1.6E-04	c	2.0E-03	c	3.2E-04	c	2.0E-01	1.5E-07	9.2E-05
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		3.9E-01	
Dibromochloromethane	124-48-1	8.4E-02	I			2.0E-02	I			V		1	0.1	8.5E+02	5.8E+00	c	2.1E+01	c					8.0E-01	c		2.2E-04	
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.4E+03	3.4E-02	c	1.7E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c	5.0E-02	1.9E-06	1.5E-05
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H			V		1		3.0E+03	7.8E+02	n	1.0E+04	ns					3.7E+02	n		9.1E-02	
Dibutyl Phthalate	84-74-2					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		1.1E+01	
Dibutyltin Compounds	NA					3.0E-04	P					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n			
Dicamba	1918-00-9					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		2.8E-01	
Dichloro-2-butene, 1,4-	764-41-0			2.6E-03	H					V		1		6.1E+02	3.2E-03	c	1.6E-02	c	9.4E-04	c	4.7E-03	c	1.9E-03	c		9.9E-07	
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I					1	0.1		9.7E+00	c*	3.4E+01	c*					1.3E+00	c		2.7E-04	
Dichlorobenzene, 1,2-	95-50-1					9.0E-02	I	2.0E-01	H	V		1		2.2E+02	2.0E+03	ns	1.0E+04	ns	2.1E+02	n	8.8E+02	n	3.7E+02	n	6.0E+02	4.0E-01	6.6E-01
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C			8.0E-01	I	V		1			2.6E+00	c	1.3E+01	c	2.2E-01	c	1.1E+00	c	4.3E-01	c	7.5E+01	4.6E-04	8.1E-02
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I									1	0.1		1.1E+00	c	3.8E+00	c					1.5E-01	c		2.3E-03	
Dichlorodifluoromethane	75-71-8					2.0E-01	I	2.0E-01	H	V		1		8.5E+02	1.9E+02	n	7.8E+02	n	2.1E+02	n	8.8E+02	n	3.9E+02	n		6.1E-01	
Dichloroethane, 1,1-	75-34-3	5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.8E+03	3.4E+00	c	1.7E+01	c	1.5E+00	c	7.7E+00	c	2.4E+00	c		7.0E-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		1.9E+03	4.5E-01	c	2.2E+00	c	9.4E-02	c	4.7E-01	c	1.5E-01	c	5.0E+00	4.4E-05	1.5E-03
Dichloroethylene, 1,1-	75-35-4					5.0E-02	I	2.0E-01	I	V		1		1.2E+03	2.5E+02	n	1.1E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n	7.0E+00	1.2E-01	2.6E-03
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.0E-03	H			V		1		1.4E+03	7.0E+02	n	9.2E+03	ns					3.3E+02	n		9.9E-02	
Dichloroethylene, 1,2-cis-	156-59-2					1.0E-02	P			V		1		1.4E+03	7.8E+02	n	1.0E+04	ns					3.7E+02	n	7.0E+01	1.1E-01	2.1E-02
Dichloroethylene, 1,2-trans-	156-60-5					2.0E-02	I	6.0E-02	P	V		1		1.5E+03	1.1E+02	n	5.0E+02	n	6.3E+01	n	2.6E+02	n	1.1E+02	n	1.0E+02	3.4E-02	3.2E-02
Dichlorophenol, 2,4-	120-83-2					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		1.8E-01	
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E-02	I					1	0.05		6.9E+02	n	7.7E+03	n					3.7E+02	n	7.0E+01	9.4E-02	1.8E-02
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					8.0E-03	I					1	0.1		4.9E+02	n	4.9E+03	n					2.9E+02	n		1.2E-01	
Dichloropropane, 1,2-	78-87-5	3.6E-02	C	1.0E-05	C			4.0E-03	I	V		1		1.5E+03	9.3E-01	c*	4.7E+00	c*	2.4E-01	c*	1.2E+00	c*	3.9E-01	c*	5.0E+00	1.3E-04	1.7E-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; 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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information											Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Dichloropropane, 1,3-	142-28-9					2.0E-02	P			V		1		1.6E+03	1.6E+03	n	2.0E+04	ns					7.3E+02	n		2.7E-01	
Dichloropropanol, 2,3-	616-23-9					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		2.3E-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		1.7E+03	1.7E+00	c*	8.4E+00	c*	6.1E-01	c*	3.1E+00	c*	4.3E-01	c*		1.6E-04	
Dichlorvos	62-73-7	2.9E-01	I			5.0E-04	I	5.0E-04	I			1	0.1		1.7E+00	c*	5.9E+00	c*	5.2E-01	n	2.2E+00	n	2.3E-01	c*		6.5E-05	
Dicyclopentadiene	77-73-6					8.0E-03	P	7.0E-03	P	V		1		5.9E+02	2.9E+01	n	1.3E+02	n	7.3E+00	n	3.1E+01	n	1.4E+01	n		5.6E-02	
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	4.2E-03	c		9.0E-05	
Diesel Engine Exhaust	NA							5.0E-03	I			1	0.1						5.2E+00	n	2.2E+01	n					
Diethyl Phthalate	84-66-2					8.0E-01	I					1	0.1		4.9E+04	n	4.9E+05	nm					2.9E+04	n		1.3E+01	
Diethylene Glycol Monobutyl Ether	112-34-5					1.0E-02	P	2.0E-02	P			1	0.1		6.1E+02	n	6.2E+03	n	2.1E+01	n	8.8E+01	n	3.7E+02	n		8.0E-02	
Diethylene Glycol Monoethyl Ether	111-90-0					6.0E-02	P	3.0E-03	P			1	0.1		3.7E+03	n	3.7E+04	n	3.1E+00	n	1.3E+01	n	2.2E+03	n		4.4E-01	
Diethylformamide	617-84-5					1.0E-03	P					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		8.0E-03	
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C							1	0.1		1.4E-03	c	4.9E-03	c	2.4E-05	c	1.2E-04	c	1.9E-04	c		2.2E-04	
Difenzoquat	43222-48-6					8.0E-02	I					1	0.1		4.9E+03	n	4.9E+04	n					2.9E+03	n			
Diflubenzuron	35367-38-5					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.7E+00	
Difluoroethane, 1,1-	75-37-6							4.0E+01	I	V		1		1.5E+03	5.3E+04	ns	2.2E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.9E+01	
Diisopropyl Ether	108-20-3							4.0E-01	P	V		1		1.6E+03	1.2E+03	n	5.1E+03	ns	4.2E+02	n	1.8E+03	n	8.3E+02	n		1.9E-01	
Diisopropyl Methylphosphonate	1445-75-6					8.0E-02	I			V		1		4.3E+02	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		7.7E-01	
Dimethipin	55290-64-7					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.9E-01	
Dimethoate	60-51-5					2.0E-04	I					1	0.1		1.2E+01	n	1.2E+02	n					7.3E+00	n		1.8E-03	
Dimethoxybenzidine, 3,3'-	119-90-4	1.4E-02	H									1	0.1		3.5E+01	c	1.2E+02	c					4.8E+00	c		1.5E-02	
Dimethyl methylphosphonate	756-79-6	1.7E-03	P			6.0E-02	P					1	0.1		2.9E+02	c*	1.0E+03	c*					4.0E+01	c*		8.2E-03	
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H									1	0.1		8.4E-01	c	3.0E+00	c					1.2E-01	c		5.1E-05	
Dimethylaniline, 2,4-	95-68-1	7.5E-01	H									1	0.1		6.5E-01	c	2.3E+00	c					9.0E-02	c		3.9E-05	
Dimethylaniline, N,N-	121-69-7					2.0E-03	I			V		1		8.2E+02	1.6E+02	n	2.0E+03	ns					7.3E+01	n		2.6E-02	
Dimethylbenzidine, 3,3'-	119-93-7	1.1E+01	P									1	0.1		4.4E-02	c	1.6E-01	c					6.1E-03	c		9.3E-05	
Dimethylformamide	68-12-2					1.0E-01	P	3.0E-02	I			1	0.1		6.1E+03	n	6.2E+04	n	3.1E+01	n	1.3E+02	n	3.7E+03	n		7.5E-01	
Dimethylphenol, 2,4-	105-67-9					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.2E+00	
Dimethylphenol, 2,6-	576-26-1					6.0E-04	I					1	0.1		3.7E+01	n	3.7E+02	n					2.2E+01	n		3.6E-02	
Dimethylphenol, 3,4-	95-65-8					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		6.0E-02	
Dimethylterephthalate	120-61-6					1.0E-01	I			V		1		6.1E+00	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		1.0E+00	
Dinitro-o-cresol, 4,6-	534-52-1					1.0E-04	P					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		5.1E-03	
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		2.1E+00	
Dinitrobenzene, 1,2-	528-29-0					1.0E-04	P					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		2.4E-03	
Dinitrobenzene, 1,3-	99-65-0					1.0E-04	I					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		2.3E-03	
Dinitrobenzene, 1,4-	100-25-4					1.0E-04	P					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		2.3E-03	
Dinitrophenol, 2,4-	51-28-5					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		6.8E-02	
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I									1	0.1		7.1E-01	c	2.5E+00	c					9.9E-02	c		9.3E-05	
Dinitrotoluene, 2,4-	121-14-2					2.0E-03	I					1	0.102		1.2E+02	n	1.2E+03	n					7.3E+01	n		6.8E-02	
Dinitrotoluene, 2,6-	606-20-2					1.0E-03	P					1	0.099		6.1E+01	n	6.2E+02	n					3.7E+01	n		3.4E-02	
Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E-03	S					1	0.006		1.5E+02	n	2.0E+03	n					7.3E+01	n		2.9E-02	
Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E-03	S					1	0.009		1.5E+02	n	1.9E+03	n					7.3E+01	n		2.9E-02	
Dinoseb	88-85-7					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n	7.0E+00	2.7E-01	5.1E-02
Dioxane, 1,4-	123-91-1	1.1E-02	I					3.6E+00	A			1	0.1		4.4E+01	c	1.6E+02	c	3.8E+03	n	1.6E+04	n	6.1E+00	c		1.2E-03	
Diphenamid	957-51-7					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		3.4E+01	
Diphenyl Sulfone	127-63-9					3.0E-03	P					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		6.6E-01	
Diphenylamine	122-39-4					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		3.6E+00	
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I							1	0.1		6.1E-01	c	2.2E+00	c	1.1E-02	c	5.6E-02	c	8.4E-02	c		6.0E-04	
Diquat	85-00-7					2.2E-03	I					1	0.1		1.3E+02	n	1.4E+03	n					8.0E+01	n	2.0E+01	3.3E-01	8.1E-02
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C							1	0.1		6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		1.4E+00	
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C							1	0.1		6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		4.0E+00	
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C							1	0.1		7.2E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c			
Disulfoton	298-04-4					4.0E-05	I					1	0.1		2.4E+00	n	2.5E+01	n					1.5E+00	n		2.7E-03	
Dithiane, 1,4-	505-29-3					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.9E-01	
Diuron	330-54-1					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		3.4E-02	
Dodine	2439-10-3					4.0E-03	I					1	0.1		2.4E+02	n	2.5E+03	n					1.5E+02	n		4.5E+00	
Dioxins																											
Hexachlorodibenzo-p-dioxin	34465-46-8	1.3E+04	W	3.8E+00	W							1	0.03		4.5E-05	c	1.8E-04	c	6.4E-07	c	3.2E-06	c	5.2E-06	c		4.3E-06	
Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I							1	0.03		9.4E-05	c	3.9E-04	c	1.9E-06	c	9.4E-06	c	1.1E-05	c		9.0E-06	
HpCDD, 2,3,7,8-	37871-00-4	1.3E+03	W	3.8E-01	W							1	0.03		4.5E-04	c	1.8E-03	c	6.4E-06	c	3.2E-05	c	5.2E-05	c		7.3E-05	
OCDD	3268-87-9	3.9E+01	W	1.1E-02	W							1	0.03		1.5E-02	c	6.1E-02	c	2.1E-04	c	1.1E-03	c	1.7E-03	c		4.1E-03	
PeCDD, 2,3,7,8-	36088-22-9	1.3E+05	W	3.8E+01	W							1	0.03		4.5E-06	c	1.8E-05	c	6.4E-08	c	3.2E-07	c	5.2E-07	c		2.7E-07	
TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A					1	0.03		4.5E-06	c*	1.8E-05	c*	6.4E-08	c	3.2E-07	c	5.2E-07	c*	3.0E-05	1.5E-07	8.8E-06
Endosulfan	115-29-7					6.0E-03	I					1	0.1		3.7E+02	n	3.7E+03	n					2.2E+02	n		9.7E+00	
Endothall	145-73-3					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n	1.0E+02	1.6E-01	2.2E-02
Endrin	72-20-8					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n	2.0E+00	2.3E-01	4.3E-02
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		8.4E+03	1.8E+01	n	7.7E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.3E-04	
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V		1		1.2E+04	1.5E+02	n	6.4E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		8.7E-03	

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Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
EPTC	759-94-4					2.5E-02	I			V		1		6.2E+02	2.0E+03	ns	2.6E+04	ns					9.1E+02	n		6.5E-01	
Ethephon	16672-87-0					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		3.8E-02	
Ethion	563-12-2					5.0E-04	I					1	0.1		3.1E+01	n	3.1E+02	n					1.8E+01	n		4.8E-01	
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H					1	0.1		1.8E+04	n	1.8E+05	nm					1.1E+04	n		2.2E+00	
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I			1	0.1		2.4E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	1.5E+04	n		2.9E+00	
Ethyl Acetate	141-78-6					9.0E-01	I			V		1		1.1E+04	7.0E+04	ns	9.2E+05	nms					3.3E+04	n		7.0E+00	
Ethyl Acrylate	140-88-5	4.8E-02	H							V		1		2.6E+03	1.3E+01	c	6.0E+01	c					1.4E+00	c		3.2E-04	
Ethyl Chloride	75-00-3							1.0E+01	I	V		1		2.2E+03	1.5E+04	ns	6.2E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n		6.0E+00	
Ethyl Ether	60-29-7					2.0E-01	I			V		1		8.2E+03	1.6E+04	ns	2.0E+05	nms					7.3E+03	n		1.6E+00	
Ethyl Methacrylate	97-63-2					9.0E-02	H			V		1		1.2E+03	7.0E+03	ns	9.2E+04	ns					3.3E+03	n		7.9E-01	
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I					1	0.1		6.1E-01	n	6.2E+00	n					3.7E-01	n		8.7E-03	
Ethylbenzene	100-41-4	1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		5.5E+02	5.7E+00	c	2.9E+01	c	9.7E-01	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.9E-03	8.9E-01
Ethylene Cyanohydrin	109-78-4					3.0E-02	P					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		2.2E-01	
Ethylene Diamine	107-15-3					9.0E-02	P					1	0.1		5.5E+03	n	5.5E+04	n					3.3E+03	n		8.2E-01	
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C			1	0.1		1.2E+05	nm	1.2E+06	nm	4.2E+02	n	1.8E+03	n	7.3E+04	n		1.5E+01	
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I			1	0.1		3.1E+04	n	3.1E+05	nm	1.4E+04	n	5.7E+04	n	1.8E+04	n		3.7E+00	
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C					V		1		1.1E+05	1.6E-01	c	8.0E-01	c	2.8E-02	c	1.4E-01	c	4.4E-02	c		9.0E-06	
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		4.9E+00	n	3.8E+01	c**	1.9E-01	c	9.4E-01	c	1.5E+00	c**		3.2E-04	
Ethylphthalyl Ethyl Glycolate	84-72-0					3.0E+00	I					1	0.1		1.8E+05	nm	1.8E+06	nm					1.1E+05	n		3.0E+02	
Express	101200-48-0					8.0E-03	I					1	0.1		4.9E+02	n	4.9E+03	n					2.9E+02	n		1.1E-01	
Fenamiphos	22224-92-6					2.5E-04	I					1	0.1		1.5E+01	n	1.5E+02	n					9.1E+00	n		5.9E-03	
Fenpropathrin	39515-41-8					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		5.4E+01	
Fluometuron	2164-17-2					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		4.4E-01	
Fluorine (Soluble Fluoride)	7782-41-4					6.0E-02	I					1			4.7E+03	n	6.1E+04	n					2.2E+03	n	4.0E+03	3.3E+02	6.0E+02
Fluridone	59756-60-4					8.0E-02	I					1	0.1		4.9E+03	n	4.9E+04	n					2.9E+03	n		6.5E+02	
Flurprimidol	56425-91-3					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.4E+00	
Flutolanil	66332-96-5					6.0E-02	I					1	0.1		3.7E+03	n	3.7E+04	n					2.2E+03	n		2.4E+01	
Fluvalinate	69409-94-5					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		5.3E+02	
Folpet	133-07-3	3.5E-03	I			1.0E-01	I					1	0.1		1.4E+02	c*	4.9E+02	c					1.9E+01	c		9.4E-03	
Fomesafen	72178-02-0	1.9E-01	I									1	0.1		2.6E+00	c	9.1E+00	c					3.5E-01	c		7.9E-03	
Fonofos	944-22-9					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		1.4E-01	
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1		1.2E+04	n	1.2E+05	nm	1.9E-01	c*	9.4E-01	c*	7.3E+03	n		1.5E+00	
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P			1	0.1		1.2E+05	nm	1.2E+06	nm	3.1E+00	n	1.3E+01	n	7.3E+04	n		1.5E+01	
Fosetyl-AL	39148-24-8					3.0E+00	I					1	0.1		1.8E+05	nm	1.8E+06	nm					1.1E+05	n			
Furazolidone	67-45-8	3.8E+00	H									1	0.1		1.3E-01	c	4.5E-01	c					1.8E-02	c		3.3E-05	
Furfural	98-01-1					3.0E-03	I	5.0E-02	H			1	0.1		1.8E+02	n	1.8E+03	n	5.2E+01	n	2.2E+02	n	1.1E+02	n		2.6E-02	
Furium	531-82-8	1.5E+00	C	4.3E-04	C							1	0.1		3.2E-01	c	1.1E+00	c	5.7E-03	c	2.9E-02	c	4.5E-02	c		5.3E-05	
Furmecyclox	60568-05-0	3.0E-02	I									1	0.1		1.6E+01	c	5.7E+01	c					2.2E+00	c		7.4E-03	
Furans																											
Furan	110-00-9					1.0E-03	I			V		1		6.8E+03	7.8E+01	n	1.0E+03	n					3.7E+01	n		1.5E-02	
HpCDF, 2,3,7,8-	38998-75-3	1.3E+03	W	3.8E-01	W							1	0.1		3.7E-04	c	1.3E-03	c	6.4E-06	c	3.2E-05	c	5.2E-05	c		4.0E-05	
HxCDF, 2,3,7,8-	55684-94-1	1.3E+04	W	3.8E+00	W							1	0.1		3.7E-05	c	1.3E-04	c	6.4E-07	c	3.2E-06	c	5.2E-06	c		2.4E-06	
OCDF	39001-02-0	3.9E+01	W	1.1E-02	W							1	0.1		1.2E-02	c	4.4E-02	c	2.1E-04	c	1.1E-03	c	1.7E-03	c		2.3E-03	
PeCDF, 1,2,3,7,8-	57117-41-6	3.9E+03	W	1.1E+00	W							1	0.1		1.2E-04	c	4.4E-04	c	2.1E-06	c	1.1E-05	c	1.7E-05	c		4.7E-06	
PeCDF, 2,3,4,7,8-	57117-31-4	3.9E+04	W	1.1E+01	W							1	0.1		1.2E-05	c	4.4E-05	c	2.1E-07	c	1.1E-06	c	1.7E-06	c		4.7E-07	
TCDF, 2,3,7,8-	51207-31-9	1.3E+04	W	3.8E+00	W							1	0.1		3.7E-05	c	1.3E-04	c	6.4E-07	c	3.2E-06	c	5.2E-06	c		8.4E-07	
Glufosinate, Ammonium	77182-82-2					4.0E-04	I					1	0.1		2.4E+01	n	2.5E+02	n					1.5E+01	n		4.7E-03	
Glycidyl	765-34-4					4.0E-04	I	1.0E-03	H			1	0.1		2.4E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	1.5E+01	n		2.9E-03	
Glyphosate	1071-83-6					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n	7.0E+02	8.7E-01	1.7E-01
Goal	42874-03-3					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		1.0E+01	
Haloxyfop, Methyl	69806-40-2					5.0E-05	I					1	0.1		3.1E+00	n	3.1E+01	n					1.8E+00	n		6.5E-02	
Harmony	79277-27-3					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		1.3E-01	
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1		1.1E-01	c	3.8E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c	4.0E-01	1.6E-03	4.2E-02
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		5.3E-02	c*	1.9E-01	c*	9.4E-04	c	4.7E-03	c	7.4E-03	c*	2.0E-01	7.9E-05	2.1E-03
Hexabromobenzene	87-82-1					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		5.1E-01	
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c	1.0E+00	2.9E-04	7.0E-03
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		6.2E+00	c**	2.2E+01	c*	1.1E-01	c	5.6E-01	c	8.6E-01	c*		1.9E-03	
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I							1	0.1		7.7E-02	c	2.7E-01	c	1.4E-03	c	6.8E-03	c	1.1E-02	c		7.4E-05	
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							1	0.1		2.7E-01	c	9.6E-01	c	4.6E-03	c	2.3E-02	c	3.7E-02	c		2.6E-04	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		5.2E-01	c*	2.1E+00	c	7.8E-03	c	4.0E-02	c	6.1E-02	c	2.0E-01	4.3E-04	1.4E-03
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							1	0.1		2.7E-01	c	9.6E-01	c	4.8E-03	c	2.4E-02	c	3.7E-02	c		2.6E-04	
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I			1	0.1		3.7E+02	n	3.7E+03	n	2.1E-01	n	8.8E-01	n	2.2E+02	n	5.0E+01	8.0E-01	1.8E-01
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1		3.5E+01	c**	1.2E+02	c**	6.1E-01	c	3.1E+00	c	4.8E+00	c**		3.2E-03	
Hexachlorophene	70-30-4					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		1.4E+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		5.5E+00	c*	2.4E+01	c					6.1E-01	c		3.6E-04	
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V		1		4.1E+03	3.7E+00	n	1.6E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		2.5E-04	
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V		1		1.4E+02	5.7E+02	ns	2.6E+03	ns	7.3E+02	n	3.1E+03	n	8.8E+02	n		6.2E+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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information											Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Hexanedioic Acid	124-04-9					2.0E+00	P					1	0.1		1.2E+05	nm	1.2E+06	nm					7.3E+04	n		1.8E+01	
Hexazinone	51235-04-2					3.3E-02	I					1	0.1		2.0E+03	n	2.0E+04	n					1.2E+03	n		1.7E+00	
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C			1			2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c			
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							1			2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c			
Hydrogen Chloride	7647-01-0							2.0E-02	I			1			2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n					
Hydrogen Sulfide	7783-06-4							2.0E-03	I			1			2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n					
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P					1	0.1		8.7E+00	c	3.1E+01	c					1.2E+00	c		1.3E-03	
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I								1.6E+01	n	2.0E+02	n					7.3E+00	n			
Imazalil	35554-44-0					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		1.9E+00	
Imazaquin	81335-37-7					2.5E-01	I					1	0.1		1.5E+04	n	1.5E+05	nm					9.1E+03	n		9.2E+01	
Iprodione	36734-19-7					4.0E-02	I					1	0.1		2.4E+03	n	2.5E+04	n					1.5E+03	n		7.0E-01	
Iron	7439-89-6					7.0E-01	P					1			5.5E+04	n	7.2E+05	nm					2.6E+04	n		6.4E+02	
Isobutyl Alcohol	78-83-1					3.0E-01	I			V		1		9.6E+03	2.3E+04	ns	3.1E+05	nms					1.1E+04	n		2.2E+00	
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		5.1E+02	c*	1.8E+03	c*	2.1E+03	n	8.8E+03	n	7.1E+01	c		2.2E-02	
Isopropalin	33820-53-0					1.5E-02	I					1	0.1		9.2E+02	n	9.2E+03	n					5.5E+02	n		7.4E+00	
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		7.7E-01	
Isoxaben	82558-50-7					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		1.1E+01	
Kerb	23950-58-5					7.5E-02	I					1	0.1		4.6E+03	n	4.6E+04	n					2.7E+03	n		9.2E+00	
Lactofen	77501-63-4					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		3.7E+00	
Linuron	330-55-2					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		6.6E-02	
Lithium	7439-93-2					2.0E-03	P					1			1.6E+02	n	2.0E+03	n					7.3E+01	n		2.2E+01	
Lithium Perchlorate	7791-03-9					7.0E-04	I					1			5.5E+01	n	7.2E+02	n					2.6E+01	n			
Londax	83055-99-6					2.0E-01	I					1	0.1		1.2E+04	n	1.2E+05	nm					7.3E+03	n		1.9E+00	
Lead Compounds																											
Lead and Compounds	7439-92-1											1			4.0E+02	n	8.0E+02	n							1.5E+01		1.4E+01
Tetraethyl Lead	78-00-2					1.0E-07	I					1	0.1		6.1E-03	n	6.2E-02	n					3.7E-03	n		1.4E-05	
Malathion	121-75-5					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.9E-01	
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C			1	0.1		6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	3.7E+03	n		7.4E-01	
Maleic Hydrazide	123-33-1					5.0E-01	I					1	0.1		3.1E+04	n	3.1E+05	nm					1.8E+04	n		4.0E+00	
Malononitrile	109-77-3					1.0E-04	P					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		8.4E-04	
Mancozeb	8018-01-7					3.0E-02	H					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		2.4E-01	
Maneb	12427-38-2					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		4.0E-02	
Manganese (Diet)	7439-96-5					1.4E-01	I	5.0E-05	I			1															
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I			0.04			1.8E+03	n	2.3E+04	n	5.2E-02	n	2.2E-01	n	8.8E+02	n		5.7E+01	
MCPA	94-74-6					5.0E-04	I					1	0.1		3.1E+01	n	3.1E+02	n					1.8E+01	n		4.7E-03	
MCPB	94-81-5					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.5E-01	
MCPP	93-65-2					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		1.1E-02	
Mephosfolan	950-10-7					9.0E-05	H					1	0.1		5.5E+00	n	5.5E+01	n					3.3E+00	n		3.9E-03	
Mepiquat Chloride	24307-26-4					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		6.0E-01	
Merphos	150-50-5					3.0E-05	I					1	0.1		1.8E+00	n	1.8E+01	n					1.1E+00	n		1.4E-01	
Merphos Oxide	78-48-8					3.0E-05	I					1	0.1		1.8E+00	n	1.8E+01	n					1.1E+00	n		4.4E-03	
Metalaxyl	57837-19-1					6.0E-02	I					1	0.1		3.7E+03	n	3.7E+04	n					2.2E+03	n		5.4E-01	
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V		1		4.5E+03	3.2E+00	n	1.8E+01	n	7.3E-01	n	3.1E+00	n	1.0E+00	n		2.4E-04	
Methamidophos	10265-92-6					5.0E-05	I					1	0.1		3.1E+00	n	3.1E+01	n					1.8E+00	n		3.8E-04	
Methanol	67-56-1					5.0E-01	I	4.0E+00	C			1	0.1		3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n	1.8E+04	n		3.7E+00	
Methidathion	950-37-8					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		8.0E-03	
Methomyl	16752-77-5					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		2.0E-01	
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C							1	0.1		9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c	1.4E+00	c		3.8E-04	
Methoxychlor	72-43-5					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	1.6E+01	3.4E+00
Methoxyethanol Acetate, 2-	110-49-6					2.0E-03	H					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02	
Methoxyethanol, 2-	109-86-4					3.0E-03	P	2.0E-02	I			1	0.1		1.8E+02	n	1.8E+03	n	2.1E+01	n	8.8E+01	n	1.1E+02	n		2.2E-02	
Methyl Acetate	79-20-9					1.0E+00	H			V		1		2.9E+04	7.8E+04	ns	1.0E+06	nms					3.7E+04	n		7.6E+00	
Methyl Acrylate	96-33-3					3.0E-02	H			V		1		6.9E+03	2.3E+03	n	3.1E+04	ns					1.1E+03	n		2.3E-01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V		1		2.8E+04	2.8E+04	ns	1.9E+05	nms	5.2E+03	n	2.2E+04	n	7.1E+03	n		1.5E+00	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V		1		3.2E+03	5.3E+03	ns	5.2E+04	ns	3.1E+03	n	1.3E+04	n	2.0E+03	n		4.4E-01	
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V		1		2.5E+03	4.7E+03	ns	2.0E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.1E-01	
Methyl Parathion	298-00-0					2.5E-04	I					1	0.1		1.5E+01	n	1.5E+02	n					9.1E+00	n		1.1E-02	
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V		1		4.5E+02	1.9E+02	n	1.1E+03	ns	4.2E+01	n	1.8E+02	n	6.0E+01	n		1.1E-01	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		6.9E+03	3.9E+01	c	1.9E+02	c	9.4E+00	c	4.7E+01	c	1.2E+01	c		2.7E-03	
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1		1.5E+01	c	5.2E+01	c					2.0E+00	c		7.6E-04	
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							1	0.1		3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c	5.2E-01	c		1.8E-04	
Methylarsonic acid	124-58-3					1.0E-02	A			A		1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n			
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	I	1.1E+00	A	V		1		3.5E+03	1.1E+01	c	5.4E+01	c	5.2E+00	c	2.6E+01	c	4.8E+00	c	5.0E+00	1.2E-03	1.3E-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		1.2E+00	c	1.7E+01	c*	2.2E-03	c	2.9E-02	c	2.2E-01	c		5.9E-03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I									1	0.1		1.1E+01	c	3.7E+01	c					1.5E+00	c		4.3E-02	
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C							1	0.1		3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c		4.2E-04	
Methylenediphenyl Diisocyanate	101-68-8							6.0E-04	I			1	0.1		8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					

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Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V		1		4.5E+02	5.5E+03	ns	7.2E+04	ns					2.6E+03	n		4.7E+00	
Metolachlor	51218-45-2					1.5E-01	I					1	0.1		9.2E+03	n	9.2E+04	n					5.5E+03	n		4.3E+00	
Metribuzin	21087-64-9					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		2.4E+00	
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		2.7E-02	c	9.6E-02	c	4.8E-04	c	2.4E-03	c	3.7E-03	c		3.5E-03	
Molinate	2212-67-1					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		5.6E-02	
Molybdenum	7439-98-7					5.0E-03	I					1			3.9E+02	n	5.1E+03	n					1.8E+02	n		3.7E+00	
Monochloramine	10599-90-3					1.0E-01	I					1			7.8E+03	n	1.0E+05	nm					3.7E+03	n			
Monomethylaniline	100-61-8					2.0E-03	P					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		2.4E-02	
Mercury Compounds																											
Mercuric Chloride	7487-94-7					3.0E-04	I					0.07			2.3E+01	n	3.1E+02	n					1.1E+01	n			
Mercuric Sulfide	1344-48-5					3.0E-04	S					1			2.3E+01	n	3.1E+02	n					1.1E+01	n			
Mercury (elemental)	7439-97-6							3.0E-04	I	V		1		3.1E+00	6.7E+00	ns	2.8E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00	3.3E-02	1.0E-01
Mercury, Inorganic Salts	NA					3.0E-04	I					0.07			2.3E+01	n	3.1E+02	n					1.1E+01	n		5.7E-01	
Methyl Mercury	22967-92-6					1.0E-04	I					1			7.8E+00	n	1.0E+02	n					3.7E+00	n			
Phenylmercuric Acetate	62-38-4					8.0E-05	I					1	0.1		4.9E+00	n	4.9E+01	n					2.9E+00	n		1.6E-03	
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	P					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		2.8E+00	
Naled	300-76-5					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		2.9E-02	
Napropamide	15299-99-7					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		8.5E+01	
Nickel Refinery Dust	NA			2.4E-04	I							0.04			1.4E+04	c	6.9E+04	c	1.0E-02	c	5.1E-02	c					
Nickel Soluble Salts	7440-02-0					2.0E-02	I					0.04			1.6E+03	n	2.0E+04	n					7.3E+02	n		4.8E+01	
Nickel Subsulfide	12035-72-2			4.8E-04	I							0.04			6.9E+03	c	3.5E+04	c	5.1E-03	c	2.6E-02	c					
Nitrate	14797-55-8					1.6E+00	I					1			1.3E+05	nm	1.6E+06	nm					5.8E+04	n	1.0E+04		
Nitrite	14797-65-0					1.0E-01	I					1			7.8E+03	n	1.0E+05	nm					3.7E+03	n	1.0E+03		
Nitroaniline, 3-	99-09-2	2.1E-02	P			3.0E-04	P	1.0E-03	P			1	0.1		1.8E+01	n	8.2E+01	c**	1.0E+00	n	4.4E+00	n	3.2E+00	c**		9.7E-04	
Nitroaniline, 4-	100-01-6	2.1E-02	P			3.0E-03	P	4.0E-03	P			1	0.1		2.3E+01	c**	8.2E+01	c*	4.2E+00	n	1.8E+01	n	3.2E+00	c*		9.7E-04	
Nitrobenzene	98-95-3					5.0E-04	I	2.0E-03	H	V		1		2.6E+03	3.1E+01	n	2.8E+02	n	2.1E+00	n	8.8E+00	n	3.4E+00	n		2.0E-03	
Nitrofurantoin	67-20-9					7.0E-02	H					1	0.1		4.3E+03	n	4.3E+04	n					2.6E+03	n		1.9E+00	
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C							1	0.1		3.7E-01	c	1.3E+00	c	6.6E-03	c	3.3E-02	c	5.2E-02	c		4.9E-05	
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P					1	0.1		6.1E+00	n	6.2E+01	n					3.7E+00	n		1.7E-03	
Nitroguanidine	556-88-7					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		9.2E-01	
Nitromethane	75-52-5			9.0E-06	P			2.0E-02	P	V		1		1.7E+04	4.7E+00	c*	2.4E+01	c*	2.7E-01	c*	1.4E+00	c*	5.4E-01	c*		1.2E-04	
Nitropropane, 2-	79-46-9			2.7E-03	H			2.0E-02	I	V		1		4.3E+03	1.2E-02	c	6.0E-02	c	9.0E-04	c	4.5E-03	c	1.8E-03	c		4.5E-07	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I					V		1		1.3E+04	9.3E-02	c	4.3E-01	c	1.5E-03	c	7.7E-03	c	2.4E-03	c		8.6E-06	
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I									1	0.1		6.9E-02	c	2.5E-01	c					9.6E-03	c		1.1E-05	
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C						M	1	0.1		4.3E-03	c	6.4E-02	c	1.2E-04	c	1.6E-03	c	8.0E-04	c		2.2E-07	
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I									1	0.1		1.7E-01	c	6.2E-01	c					2.4E-02	c		4.9E-06	
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I						M	1	0.1		7.7E-04	c	1.1E-02	c	2.2E-05	c	2.9E-04	c	1.4E-04	c		7.0E-08	
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P				M	1	0.1		2.3E-03	c	3.4E-02	c	6.9E-05	c	8.8E-04	c	4.2E-04	c		1.2E-07	
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I									1	0.1		9.9E+01	c	3.5E+02	c					1.4E+01	c		1.7E-01	
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I									1	0.1		2.2E-02	c	7.8E-02	c					3.1E-03	c		1.1E-06	
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I							1	0.1		2.3E-01	c	8.2E-01	c	4.0E-03	c	2.0E-02	c	3.2E-02	c		1.7E-05	
Nitrotoluene, m-	99-08-1					2.0E-02	P					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		6.0E-01	
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P			V		1		1.3E+03	2.9E+00	c*	1.3E+01	c*					3.1E-01	c		2.5E-04	
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P					1	0.1		3.0E+01	c**	1.1E+02	c*					4.2E+00	c*		3.4E-03	
Norflurazon	27314-13-2					4.0E-02	I					1	0.1		2.4E+03	n	2.5E+04	n					1.5E+03	n		1.7E+01	
Nustar	85509-19-9					7.0E-04	I					1	0.1		4.3E+01	n	4.3E+02	n					2.6E+01	n		9.0E+01	
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		3.1E+01	
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I					1	0.006		3.8E+03	n	4.9E+04	n					1.8E+03	n		7.1E+00	
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		1.3E-01	
Oryzalin	19044-88-3					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		4.8E+00	
Oxadiazon	19666-30-9					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		1.3E+00	
Oxamyl	23135-22-0					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n	2.0E+02	2.0E-01	4.4E-02
Paclobutrazol	76738-62-0					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		1.2E+01	
Paraquat Dichloride	1910-42-5					4.5E-03	I					1	0.1		2.7E+02	n	2.8E+03	n					1.6E+02	n		4.9E-01	
Parathion	56-38-2					6.0E-03	H					1	0.1		3.7E+02	n	3.7E+03	n					2.2E+02	n		8.2E-01	
Pebulate	1114-71-2					5.0E-02	H					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		2.1E+00	
Pendimethalin	40487-42-1					4.0E-02	I					1	0.1		2.4E+03	n	2.5E+04	n					1.5E+03	n		7.9E+00	
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		4.5E+00	
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E-04	I								7.8E+00	n	1.0E+02	n					3.7E+00	n			
Pentachlorobenzene	608-93-5					8.0E-04	I					1	0.1		4.9E+01	n	4.9E+02	n					2.9E+01	n		1.2E-01	
Pentachloroethane	76-01-7	9.0E-02	P									1	0.1		5.4E+00	c	1.9E+01	c					7.5E-01	c		3.9E-04	
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I					1	0.1		1.9E+00	c*	6.6E+00	c					2.6E-01	c		1.3E-03	
Pentachlorophenol	87-86-5	1.2E-01	I			3.0E-02	I					1	0.25		3.0E+00	c	9.0E+00	c					5.6E-01	c	1.0E+00	3.9E-03	7.0E-03
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I					1			5.5E+01	n	7.2E+02	n					2.6E+01	n			
Permethrin	52645-53-1					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		6.5E+02	
Phenmedipham	13684-63-4					2.5E-01	I					1	0.1		1.5E+04	n	1.5E+05	nm					9.1E+03	n		6.8E+00	
Phenol	108-95-2					3.0E-01	I	2.0E-01	C			1	0.1		1.8E+04	n	1.8E+05	nm	2.1E+02	n	8.8E+02	n	1.1E+04	n		8.1E+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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	vol	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Phenylenediamine, m-	108-45-2					6.0E-03	I					1	0.1		3.7E+02	n	3.7E+03	n					2.2E+02	n		7.6E-02	
Phenylenediamine, o-	95-54-5	4.7E-02	H									1	0.1		1.0E+01	c	3.7E+01	c					1.4E+00	c		5.0E-04	
Phenylenediamine, p-	106-50-3					1.9E-01	H					1	0.1		1.2E+04	n	1.2E+05	nm					6.9E+03	n		2.4E+00	
Phenylphenol, 2-	90-43-7	1.9E-03	H									1	0.1		2.5E+02	c	8.9E+02	c					3.5E+01	c		7.2E-01	
Phorate	298-02-2					2.0E-04	H					1	0.1		1.2E+01	n	1.2E+02	n					7.3E+00	n		7.9E-03	
Phosgene	75-44-5							3.0E-04	I	V		1		8.7E+04	4.0E-01	n	1.7E+00	n	3.1E-01	n	1.3E+00	n					
Phosmet	732-11-6					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		2.1E-01	
Phosphine	7803-51-2					3.0E-04	I	3.0E-04	I			1			2.3E+01	n	3.1E+02	n	3.1E-01	n	1.3E+00	n	1.1E+01	n			
Phosphoric Acid	7664-38-2							1.0E-02	I			1			1.4E+07	nm	6.0E+07	nm	1.0E+01	n	4.4E+01	n					
Phosphorus, White	7723-14-0					2.0E-05	I					1			1.6E+00	n	2.0E+01	n					7.3E-01	n		2.7E-03	
Phthalic Acid, P-	100-21-0					1.0E+00	H					1	0.1		6.1E+04	n	6.2E+05	nm					3.7E+04	n		1.3E+01	
Phthalic Anhydride	85-44-9					2.0E+00	I	2.0E-02	C			1	0.1		1.2E+05	nm	1.2E+06	nm	2.1E+01	n	8.8E+01	n	7.3E+04	n		1.6E+01	
Picloram	1918-02-1					7.0E-02	I					1	0.1		4.3E+03	n	4.3E+04	n					2.6E+03	n	5.0E+02	6.0E-01	1.2E-01
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-03	P					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		2.9E-02	
Pirimiphos, Methyl	29232-93-7					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.7E-01	
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		1.6E-02	c*	5.7E-02	c*	2.8E-04	c	1.4E-03	c	2.2E-03	c			
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I			1	0.1		8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
Potassium Perchlorate	7778-74-7					7.0E-04	I					1			5.5E+01	n	7.2E+02	n					2.6E+01	n			
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					1	0.1		3.2E+00	c	1.1E+01	c					4.5E-01	c		2.5E-03	
Profluralin	26399-36-0					6.0E-03	H					1	0.1		3.7E+02	n	3.7E+03	n					2.2E+02	n		8.0E+00	
Prometon	1610-18-0					1.5E-02	I					1	0.1		9.2E+02	n	9.2E+03	n					5.5E+02	n		2.8E-01	
Prometryn	7287-19-6					4.0E-03	I					1	0.1		2.4E+02	n	2.5E+03	n					1.5E+02	n		2.3E-01	
Propachlor	1918-16-7					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		3.7E-01	
Propanil	709-98-8					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		1.1E-01	
Propargite	2312-35-8					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		2.0E+02	
Propargyl Alcohol	107-19-7					2.0E-03	I					1	0.1		1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02	
Propazine	139-40-2					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		6.7E-01	
Propham	122-42-9					2.0E-02	I					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		3.3E-01	
Propiconazole	60207-90-1					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		5.4E+00	
Propylene Glycol	57-55-6					2.0E+01	P					1	0.1		1.2E+06	nm	1.2E+07	nm					7.3E+05	n		1.5E+02	
Propylene Glycol Dinitrate	6423-43-4						A	2.7E-04	A	V		1		1.4E+03	6.0E+01	n	2.5E+02	n	2.8E-01	n	1.2E+00	n	5.7E-01	n		1.9E-04	
Propylene Glycol Monoethyl Ether	1569-02-4					7.0E-01	H					1	0.1		4.3E+04	n	4.3E+05	nm					2.6E+04	n		5.2E+00	
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I			1	0.1		4.3E+04	n	4.3E+05	nm	2.1E+03	n	8.8E+03	n	2.6E+04	n		5.2E+00	
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		6.8E+04	1.9E+00	c	8.7E+00	c	6.6E-01	c*	3.3E+00	c*	2.3E-01	c		4.7E-05	
Pursuit	81335-77-5					2.5E-01	I					1	0.1		1.5E+04	n	1.5E+05	nm					9.1E+03	n		2.7E+01	
Pydrin	51630-58-1					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		8.1E+02	
Pyridine	110-86-1					1.0E-03	I			V		1		3.0E+05	7.8E+01	n	1.0E+03	n					3.7E+01	n		9.7E-03	
Polychlorinated Biphenyls (PCBs)																											
Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I					1	0.14		3.9E+00	n	2.1E+01	c**	1.2E-01	c	6.1E-01	c	9.6E-01	c**		5.2E-02	
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I					V		1	0.14	3.0E+02	1.7E-01	c	6.2E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.4E-04	
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I					V		1	0.14	3.0E+02	1.7E-01	c	6.2E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.4E-04	
Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I							1	0.14		2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		3.0E-03	
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I							1	0.14		2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		3.0E-03	
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I					1	0.14		2.2E-01	c**	7.4E-01	c*	4.3E-03	c	2.1E-02	c	3.4E-02	c*		5.1E-03	
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I							1	0.14		2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		1.4E-02	
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	1.3E+01	W	3.8E-03	W							1	0.14		3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		2.2E-03	
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	1.3E+00	W	3.8E-04	W							1	0.14		3.4E-01	c	1.1E+00	c	6.4E-03	c	3.2E-02	c	5.2E-02	c		2.1E-02	
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		7.1E-03	
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		4.2E-03	
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		4.3E-03	
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		4.3E-03	
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.9E+03	W	1.1E+00	W							1	0.14		1.1E-04	c	3.8E-04	c	2.1E-06	c	1.1E-05	c	1.7E-05	c		4.2E-06	
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		2.6E-03	
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		2.6E-03	
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		2.6E-03	
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	3.9E+00	W	1.1E-03	W							1	0.14		1.1E-01	c	3.8E-01	c	2.1E-03	c	1.1E-02	c	1.7E-02	c		2.6E-03	
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.3E+04	W	3.8E+00	W							1	0.14		3.4E-05	c	1.1E-04	c	6.4E-07	c	3.2E-06	c	5.2E-06	c		7.7E-07	
Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C							1	0.1		2.4E-01	c	8.6E-01	c	4.3E-03	c	2.2E-02	c					
Polychlorinated Biphenyls (low risk)	1336-36-3	4.0E-01	I	1.0E-04	I							1	0.1						2.4E-02	c	1.2E-01	c	1.7E-01	c	5.0E-01	1.5E-02	4.5E-02
Polychlorinated Biphenyls (lowest risk)	1336-36-3	7.0E-02	I									1	0.1														
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	W	3.8E-03	W							1	0.14		3.4E-02	c	1.1E-01	c	6.4E-04	c	3.2E-03	c	5.2E-03	c		4.6E-04	
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	3.9E+01	W	1.1E-02	W							1	0.14		1.1E-02	c	3.8E-02	c	2.1E-04	c	1.1E-03	c	1.7E-03	c		1.5E-04	
Polynuclear Aromatic Hydrocarbons (PAHs)																											
Acenaphthene	83-32-9					6.0E-02	I			V		1	0.13		3.4E+03	n	3.3E+04	n					2.2E+03	n		2.7E+01	
Anthracene	120-12-7					3.0E-01	I			V		1	0.13		1.7E+04	n	1.7E+05	nm					1.1E+04	n		4.5E+02	
Benz[a]anthracene	56-55-3	7.3E-01	*	1.1E-04	C						M	1	0.13		1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.4E-02	
Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C						M	1	0.13		1.5E-02	c	2.1E-01	c	8.7E-04	c	1.1E-02	c	2.9E-03	c	2.0E-01	4.6E-03	3.1E-01

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Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Benzo[b]fluoranthene	205-99-2	7.3E-01	*	1.1E-04	C						M	1	0.13		1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		4.7E-02	
Benzo[k]fluoranthene	207-08-9	7.3E-02	*	1.1E-04	C						M	1	0.13		1.5E+00	c	2.1E+01	c	8.7E-03	c	1.1E-01	c	2.9E-01	c		4.6E-01	
Chrysene	218-01-9	7.3E-03	*	1.1E-05	C						M	1	0.13		1.5E+01	c	2.1E+02	c	8.7E-02	c	1.1E+00	c	2.9E+00	c		1.4E+00	
Dibenz[a,h]anthracene	53-70-3	7.3E+00	*	1.2E-03	C						M	1	0.13		1.5E-02	c	2.1E-01	c	8.0E-04	c	1.0E-02	c	2.9E-03	c		1.5E-02	
Fluoranthene	206-44-0					4.0E-02	I					1	0.13		2.3E+03	n	2.2E+04	n					1.5E+03	n		2.1E+02	
Fluorene	86-73-7					4.0E-02	I			V		1	0.13		2.3E+03	n	2.2E+04	n					1.5E+03	n		3.3E+01	
Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	*	1.1E-04	C						M	1	0.13		1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.6E-01	
Methylnaphthalene, 1-	90-12-0	2.9E-02	P							V		1		4.6E+02	2.2E+01	c	9.9E+01	c					2.3E+00	c		1.5E-02	
Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V		1		4.4E+02	3.1E+02	n	4.1E+03	ns					1.5E+02	n		9.0E-01	
Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		3.9E+00	c*	2.0E+01	c*	7.2E-02	c*	3.6E-01	c*	1.4E-01	c*		5.5E-04	
Pyrene	129-00-0					3.0E-02	I			V		1	0.13		1.7E+03	n	1.7E+04	n					1.1E+03	n		1.5E+02	
Quinalphos	13593-03-8					5.0E-04	I					1	0.1		3.1E+01	n	3.1E+02	n					1.8E+01	n		7.1E-02	
Quinoline	91-22-5	3.0E+00	I									1	0.1		1.6E-01	c	5.7E-01	c					2.2E-02	c		8.7E-05	
Refractory Ceramic Fibers	NA							3.0E-02	A			1			4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n					
Resmethrin	10453-86-8					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		9.3E+02	
Ronnel	299-84-3					5.0E-02	H					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		7.7E+00	
Rotenone	83-79-4					4.0E-03	I					1	0.1		2.4E+02	n	2.5E+03	n					1.5E+02	n		1.0E+02	
Savey	78587-05-0					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		7.6E+00	
Selenious Acid	7783-00-8					5.0E-03	I					1			3.9E+02	n	5.1E+03	n					1.8E+02	n			
Selenium	7782-49-2					5.0E-03	I					1			3.9E+02	n	5.1E+03	n					1.8E+02	n	5.0E+01	9.5E-01	2.6E-01
Selenourea	630-10-4					5.0E-03	H					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n			
Sethoxydim	74051-80-2					9.0E-02	I					1	0.1		5.5E+03	n	5.5E+04	n					3.3E+03	n		1.9E+01	
Silver	7440-22-4					5.0E-03	I					0.04			3.9E+02	n	5.1E+03	n					1.8E+02	n		1.6E+00	
Simazine	122-34-9	1.2E-01	H			5.0E-03	I					1	0.1		4.0E+00	c*	1.4E+01	c					5.6E-01	c	4.0E+00	2.8E-04	2.0E-03
Sodium Acifluorfen	62476-59-9					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		3.1E+00	
Sodium Azide	26628-22-8					4.0E-03	I					1			3.1E+02	n	4.1E+03	n					1.5E+02	n			
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H			3.0E-02	I					1	0.1		1.8E+00	c	6.4E+00	c					2.5E-01	c			
Sodium Fluoroacetate	62-74-8					2.0E-05	I					1	0.1		1.2E+00	n	1.2E+01	n					7.3E-01	n		1.5E-04	
Sodium Metavanadate	13718-26-8					1.0E-03	H					1			7.8E+01	n	1.0E+03	n					3.7E+01	n			
Sodium Perchlorate	7601-89-0					7.0E-04	I					1			5.5E+01	n	7.2E+02	n					2.6E+01	n			
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I					1	0.1		2.0E+01	c*	7.2E+01	c					2.8E+00	c		2.2E-03	
Strontium, Stable	7440-24-6					6.0E-01	I					1			4.7E+04	n	6.1E+05	nm					2.2E+04	n		7.7E+02	
Strychnine	57-24-9					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		1.4E-01	
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V		1		1.0E+03	6.5E+03	ns	3.8E+04	ns	1.0E+03	n	4.4E+03	n	1.6E+03	n	1.0E+02	2.0E+00	1.2E-01
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		2.8E+00	
Systhane	88671-89-0					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		2.1E+02	
TCMTB	21564-17-0					3.0E-02	H					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		8.3E+00	
Tebuthiuron	34014-18-1					7.0E-02	I					1	0.1		4.3E+03	n	4.3E+04	n					2.6E+03	n		6.3E-01	
Temephos	3383-96-8					2.0E-02	H					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		2.3E+03	
Terbacil	5902-51-2					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		1.7E-01	
Terbufos	13071-79-9					2.5E-05	H					1	0.1		1.5E+00	n	1.5E+01	n					9.1E-01	n		2.0E-03	
Terbutryn	886-50-0					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		5.4E-02	
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		2.8E-02	
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		7.5E+02	2.0E+00	c	9.8E+00	c	3.3E-01	c	1.7E+00	c	5.2E-01	c		2.1E-04	
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P			V		1		2.1E+03	5.9E-01	c	2.9E+00	c	4.2E-02	c	2.1E-01	c	6.7E-02	c		2.8E-05	
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1		1.8E+02	5.7E-01	c	2.7E+00	c	4.1E-01	c	2.1E+00	c	1.1E-01	c	5.0E+00	5.2E-05	2.4E-03
Tetrachlorophenol, 2,3,4,6-	58-90-2					3.0E-02	I					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		4.6E+00	
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H									1	0.1		2.4E-02	c	8.6E-02	c					3.4E-03	c		1.4E-05	
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I					1	0.1		3.1E+01	n	3.1E+02	n					1.8E+01	n		1.4E-01	
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V		1		8.2E+02	1.1E+05	nms	4.7E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.6E+01	
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P					1	0.1		2.4E+02	n	2.5E+03	n					1.5E+02	n		6.5E-01	
Thallium (I) Nitrate	10102-45-1					9.0E-05	I					1			7.0E+00	n	9.2E+01	n					3.3E+00	n			
Thallium (Soluble Salts)	7440-28-0					6.5E-05	S					1			5.1E+00	n	6.6E+01	n					2.4E+00	n	2.0E+00	1.7E-01	1.4E-01
Thallium Acetate	563-68-8					9.0E-05	I					1			7.0E+00	n	9.2E+01	n					3.3E+00	n			
Thallium Carbonate	6533-73-9					8.0E-05	I					1			6.3E+00	n	8.2E+01	n					2.9E+00	n			
Thallium Chloride	7791-12-0					8.0E-05	I					1			6.3E+00	n	8.2E+01	n					2.9E+00	n			
Thallium Sulfate	7446-18-6					8.0E-05	I					1			6.3E+00	n	8.2E+01	n					2.9E+00	n			
Thiobencarb	28249-77-6					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		2.0E+00	
Thiofanox	39196-18-4					3.0E-04	H					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		4.3E-03	
Thiophanate, Methyl	23564-05-8					8.0E-02	I					1	0.1		4.9E+03	n	4.9E+04	n					2.9E+03	n		6.7E-01	
Thiram	137-26-8					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		4.0E-02	
Tin	7440-31-5					6.0E-01	H					1			4.7E+04	n	6.1E+05	nm					2.2E+04	n		5.5E+03	
Toluene	108-88-3					8.0E-02	I	5.0E+00	I	V		1		9.3E+02	5.0E+03	ns	4.6E+04	ns	5.2E+03	n	2.2E+04	n	2.3E+03	n	1.0E+03	1.7E+00	7.6E-01
Toluene diisocyanate mixture (TDI)	26471-62-5							7.0E-05	I	V		1		2.1E+03	5.4E+01	n	2.3E+02	n	7.3E-02	n	3.1E-01	n	1.5E-01	n		2.7E-03	
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C							1	0.1		1.3E-01	c	4.5E-01	c	2.2E-03	c	1.1E-02	c	1.8E-02	c		7.8E-06	
Toluene-2,5-diamine	95-70-5					6.0E-01	H					1	0.1		3.7E+04	n	3.7E+05	nm					2.2E+04	n		9.6E+00	
Toluene-2,6-diamine	823-40-5					3.0E-02	P					1	0.1		1.8E+03	n	1.8E+04	n					1.1E+03	n		4.9E-01	

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

Contaminant		Toxicity and Chemical-specific Information												Screening Levels											Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	key	Industrial Soil mg/kg	key	Residential Air ug/m^3	key	Industrial Air ug/m^3	key	Tapwater ug/L	key	MCL ug/L	Risk-based SSL mg/kg	MCL-based SSL mg/kg
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C							1	0.1		2.7E+00	c	9.6E+00	c	4.8E-02	c	2.4E-01	c	3.7E-01	c		1.3E-04	
Toluidine, p-	106-49-0	1.9E-01	H									1	0.1		2.6E+00	c	9.1E+00	c					3.5E-01	c		1.2E-04	
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I							1	0.1		4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	6.1E-02	c	3.0E+00	1.2E-02	6.0E-01
Tralomethrin	66841-25-6					7.5E-03	I					1	0.1		4.6E+02	n	4.6E+03	n					2.7E+02	n		1.4E+02	
Triallate	2303-17-5					1.3E-02	I					1	0.1		7.9E+02	n	8.0E+03	n					4.7E+02	n		1.7E+00	
Triasulfuron	82097-50-5					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		3.3E-01	
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I					1	0.1		3.1E+02	n	3.1E+03	n					1.8E+02	n		3.0E-01	
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P					1	0.1		5.3E+01	c	1.9E+02	c					7.3E+00	c		2.9E-02	
Tributyltin Compounds	NA					3.0E-04	P					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n			
Tributyltin Oxide	56-35-9					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		8.2E+02	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.0E+01	I	3.0E+01	H	V		1		9.4E+02	4.3E+04	ns	1.8E+05	nms	3.1E+04	n	1.3E+05	n	5.9E+04	n		1.5E+02	
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H									1	0.1		1.7E+01	c	5.9E+01	c					2.3E+00	c		2.2E-03	
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H									1	0.1		1.4E+01	c	5.1E+01	c					2.0E+00	c		1.2E-03	
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C			1.0E-02	I	4.0E-03	P	V		1		2.2E+02	8.7E+01	n	4.0E+02	ns	4.2E+00	n	1.8E+01	n	8.2E+00	n	7.0E+01	1.3E-02	1.1E-01
Trichloroethane, 1,1,1-	71-55-6					2.0E+00	I	5.0E+00	I	V		1		6.8E+02	9.0E+03	ns	3.9E+04	ns	5.2E+03	n	2.2E+04	n	9.1E+03	n	2.0E+02	3.3E+00	7.2E-02
Trichloroethane, 1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	4.0E-03	I			V		1		5.6E+02	1.1E+00	c	5.5E+00	c	1.5E-01	c	7.7E-01	c	2.4E-01	c	5.0E+00	8.2E-05	1.7E-03
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C					V		1		7.5E+02	2.8E+00	c	1.4E+01	c	1.2E+00	c	6.1E+00	c	1.7E+00	c	5.0E+00	6.1E-04	1.9E-03
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V		1		1.3E+03	8.0E+02	n	3.4E+03	ns	7.3E+02	n	3.1E+03	n	1.3E+03	n		8.4E-01	
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I					1	0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n		9.4E+00	
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		4.4E+01	c**	1.6E+02	c**	7.8E-01	c	4.0E+00	c	6.1E+00	c**		1.6E-02	
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1					8.0E-03	I					1	0.1		4.9E+02	n	4.9E+03	n					2.9E+02	n	5.0E+01	1.1E-01	1.8E-02
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I					1	0.1		6.1E+02	n	6.2E+03	n					3.7E+02	n		1.1E-01	
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V		1		1.4E+03	3.9E+02	n	5.1E+03	ns					1.8E+02	n		7.6E-02	
Trichloropropane, 1,2,3-	96-18-4	7.0E+00	H			6.0E-03	I			V		1		1.6E+03	9.1E-02	c	4.1E-01	c					9.6E-03	c		4.4E-06	
Trichloropropene, 1,2,3-	96-19-5					1.0E-02	P	1.0E-03	P	V		1		3.4E+02	2.7E+00	n	1.2E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		1.1E-03	
Tridiphane	58138-08-2					3.0E-03	I					1	0.1		1.8E+02	n	1.8E+03	n					1.1E+02	n		4.1E-01	
Triethylamine	121-44-8							7.0E-03	I	V		1		5.5E+04	1.7E+02	n	7.1E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		6.1E-03	
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I					1	0.1		6.3E+01	c**	2.2E+02	c*					8.7E+00	c*		1.7E-01	
Trimethyl Phosphate	512-56-1	3.7E-02	H									1	0.1		1.3E+01	c	4.7E+01	c					1.8E+00	c		3.9E-04	
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V		1		2.5E+02	6.7E+01	n	2.8E+02	ns	7.3E+00	n	3.1E+01	n	1.5E+01	n		2.4E-02	
Trimethylbenzene, 1,3,5-	108-67-8					5.0E-02	P	6.0E-03	P	V		1		2.1E+02	4.7E+01	n	2.0E+02	n	6.3E+00	n	2.6E+01	n	1.2E+01	n		2.0E-02	
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I					1	0.019		2.2E+03	n	2.7E+04	n					1.1E+03	n		2.6E+00	
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I					1	0.032		1.9E+01	c**	7.9E+01	c**					2.2E+00	c**		8.7E-03	
Triphenylphosphine Oxide	791-28-6					2.0E-02	P					1	0.1		1.2E+03	n	1.2E+04	n					7.3E+02	n		1.5E+00	
Tris(2-chloroethyl)phosphate	115-96-8	1.4E-02	P			3.0E-01	P					1	0.1		3.5E+01	c	1.2E+02	c					4.8E+00	c		3.9E-03	
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P					1	0.1		1.5E+02	c*	5.4E+02	c					2.1E+01	c		9.6E+01	
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I								7.8E+00	n	1.0E+02	n					3.7E+00	n			
Tri-n-butyltin	688-73-3					3.0E-04	A					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		2.8E-01	
Uranium (Soluble Salts)	NA					3.0E-03	I					1			2.3E+02	n	3.1E+03	n					1.1E+02	n		4.9E+01	
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			4.0E+02	c**	2.0E+03	c**	2.9E-04	c*	1.5E-03	c*	3.3E+02	n			
Vanadium Sulfate	36907-42-3					2.0E-02	H					0.026			1.6E+03	n	2.0E+04	n					7.3E+02	n			
Vanadium and Compounds	NA					5.0E-03	S					1			3.9E+02	n	5.2E+03	n					1.8E+02	n		1.8E+02	
Vanadium, Metallic	7440-62-2					7.0E-03	H					0.026			5.5E+02	n	7.2E+03	n					2.6E+02	n		2.6E+02	
Vernolate	1929-77-7					1.0E-03	I					1	0.1		6.1E+01	n	6.2E+02	n					3.7E+01	n		4.2E-02	
Vinclozolin	50471-44-8					2.5E-02	I					1	0.1		1.5E+03	n	1.5E+04	n					9.1E+02	n		7.1E-01	
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V		1		2.8E+03	9.9E+02	n	4.2E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.8E-02	
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V		1		1.7E+03	1.1E-01	c*	5.8E-01	c*	7.6E-02	c*	3.8E-01	c*	1.5E-01	c*		4.4E-05	
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		4.0E+03	6.0E-02	c	1.7E+00	c	1.6E-01	c	2.8E+00	c	1.6E-02	c	2.0E+00	5.6E-06	7.0E-04
Warfarin	81-81-2					3.0E-04	I					1	0.1		1.8E+01	n	1.8E+02	n					1.1E+01	n		8.2E-03	
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V		1		3.0E+02	6.0E+02	ns	2.6E+03	ns	1.0E+02	n	4.4E+02	n	2.0E+02	n	1.0E+04	2.3E-01	1.1E+01
Xylene, P-	106-42-3							7.0E-01	C	V		1		4.5E+02	4.7E+03	ns	2.0E+04	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		1.6E+00	
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V		1		4.4E+02	4.5E+03	ns	1.9E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		1.6E+00	
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V		1		3.0E+02	5.3E+03	ns	2.3E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		1.6E+00	
Zinc (Metallic)	7440-66-6					3.0E-01	I					1			2.3E+04	n	3.1E+05	nm					1.1E+04	n		6.8E+02	
Zinc Phosphide	1314-84-7					3.0E-04	I					1			2.3E+01	n	3.1E+02	n					1.1E+01	n			
Zineb	12122-67-7					5.0E-02	I					1	0.1		3.1E+03	n	3.1E+04	n					1.8E+03	n		4.0E-01	

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

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
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					3.9E+01		1.6E-01	1.6E-01
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					1	0.1	1.4E+09			1.4E-01	4.5E-01	2.5E+03	1.1E-01	1.6E+01	5.6E+01		1.2E+01
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I			1	0.1	1.4E+09							3.9E+04	1.4E+05	1.4E+06	3.0E+04
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	1.0E-03	H	2.0E-03	I	V		1		1.4E+09	8.2E+03	1.1E+04	1.2E+00		2.9E-01	2.4E-01	7.8E+01		1.7E+01	1.4E+01
Adiponitrile	111-69-3							6.0E-03	P			1	0.1	1.4E+09									8.5E+06	8.5E+06
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					1	0.1	1.4E+09			1.1E+01	3.6E+01		8.7E+00	7.8E+02	2.8E+03		6.1E+02
ALAR	1596-84-5					1.5E-01	I					1	0.1	1.4E+09							1.2E+04	4.2E+04		9.2E+03
Aldicarb	116-06-3					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Aldicarb Sulfone	1646-88-4					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Aldrin	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
Ally	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
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P			1		1.4E+09							7.8E+04		7.1E+06	7.7E+04
Aluminum Phosphide	20859-73-8					4.0E-04	I					1		1.4E+09							3.1E+01			3.1E+01
Amdro	67485-29-4					3.0E-04	I					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Ametryn	834-12-8					9.0E-03	I					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02
Aminophenol, m-	591-27-5					8.0E-02	P					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Aminophenol, p-	123-30-8					2.0E-02	P					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Amitraz	33089-61-1					2.5E-03	I					1	0.1	1.4E+09							2.0E+02	7.0E+02		1.5E+02
Ammonia	7664-41-7							1.0E-01	I			1		1.4E+09									1.4E+08	1.4E+08
Ammonium Perchlorate	7790-98-9					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Ammonium Sulfamate	7773-06-0					2.0E-01	I					1		1.4E+09							1.6E+04			1.6E+04
Aniline	62-53-3	5.7E-03	I			7.0E-03	P	1.0E-03	I			1	0.1	1.4E+09			1.1E+02	3.5E+02		8.5E+01	5.5E+02	2.0E+03	1.4E+06	4.3E+02
Antimony (metallic)	7440-36-0					4.0E-04	I					0.15		1.4E+09							3.1E+01			3.1E+01
Antimony Pentoxide	1314-60-9					5.0E-04	H					0.15		1.4E+09							3.9E+01			3.9E+01
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H					0.15		1.4E+09							7.0E+01			7.0E+01
Antimony Tetroxide	1332-81-6					4.0E-04	H					0.15		1.4E+09							3.1E+01			3.1E+01
Antimony Trioxide	1309-64-4					4.0E-04	H	2.0E-04	I			0.15		1.4E+09							3.1E+01		2.8E+05	3.1E+01
Apollo	74115-24-5					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1	1.4E+09			2.6E+01	8.1E+01	4.7E+05	1.9E+01	3.9E+03	1.4E+04		3.1E+03
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	3.0E-05	C			1	0.03	1.4E+09			4.3E-01	4.5E+00	7.7E+02	3.9E-01	2.3E+01	2.8E+02	4.3E+04	2.2E+01
Arsine	7784-42-1							5.0E-05	I			1		1.4E+09									7.1E+04	7.1E+04
Assure	76578-14-8					9.0E-03	I					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02
Asulam	3337-71-1					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I					1	0.1	1.4E+09			2.8E+00	8.8E+00		2.1E+00	2.7E+03	9.8E+03		2.1E+03
Avermectin B1	65195-55-3					4.0E-04	I					1	0.1	1.4E+09							3.1E+01	1.1E+02		2.4E+01
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V		1		1.4E+09	4.2E+05		5.8E+00		3.3E+01	4.9E+00				
Barium	7440-39-3					2.0E-01	I	5.0E-04	H			0.07		1.4E+09							1.6E+04		7.1E+05	1.5E+04
Baygon	114-26-1					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Bayleton	43121-43-3					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Baythroid	68359-37-5					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Benefin	1861-40-1					3.0E-01	I					1	0.1	1.4E+09							2.3E+04	8.4E+04		1.8E+04
Benomyl	17804-35-2					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Bentazon	25057-89-0					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Benzaldehyde	100-52-7					1.0E-01	I			V		1		1.4E+09	3.2E+04	1.9E+03					7.8E+03			7.8E+03
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.4E+09	4.0E+03	2.0E+03	1.2E+01		1.3E+00	1.1E+00	3.1E+02		1.3E+02	9.0E+01
Benzenethiol	108-98-5					1.0E-05	H			V		1		1.4E+09	2.2E+04	1.4E+03					7.8E-01			7.8E-01
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1	1.4E+09			6.5E-04	2.2E-03	1.9E+01	5.0E-04	2.3E+02	8.4E+02		1.8E+02
Benzoic Acid	65-85-0					4.0E+00	I					1	0.1	1.4E+09							3.1E+05	1.1E+06		2.4E+05
Benzotrichloride	98-07-7	1.3E+01	I							V		1		1.4E+09	7.9E+04	1.6E+02	4.9E-02			4.9E-02				
Benzyl Alcohol	100-51-6					5.0E-01	P					1	0.1	1.4E+09							3.9E+04	1.4E+05		3.1E+04
Benzyl Chloride	100-44-7	1.7E-01	I			2.0E-03	P	1.0E-03	P	V		1		1.4E+09	2.9E+04	6.4E+01	3.8E+00			3.8E+00	1.6E+02		3.1E+01	2.6E+01
Beryllium and compounds	7440-41-7			2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007		1.4E+09					1.4E+03	1.4E+03	1.6E+02		2.8E+04	1.6E+02
Bidrin	141-66-2					1.0E-04	I					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Bifenox	42576-02-3					9.0E-03	P					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Biphenthrin	82657-04-3					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V		1		1.4E+09	1.4E+05	2.6E+02					3.9E+03			3.9E+03
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I					V		1		1.4E+09	3.7E+04	3.3E+03	5.8E-01		2.7E-01	1.9E-01				
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.4E+09	2.3E+04	5.7E+02	9.1E+00		5.6E+00	3.5E+00	3.1E+03			3.1E+03
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I			2.0E-02	I					1	0.1	1.4E+09			4.6E+01	1.4E+02		3.5E+01	1.6E+03	5.6E+03		1.2E+03
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I					V		1		1.4E+09	7.6E+03	2.8E+03	2.9E-03		3.0E-04	2.7E-04				
Bisphenol A	80-05-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H			1		1.4E+09							1.6E+04		2.8E+07	1.6E+04
Boron Trifluoride	7637-07-2							7.0E-04	H			1		1.4E+09									9.9E+05	9.9E+05
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I					1		1.4E+09			9.1E-01			9.1E-01	3.1E+02			3.1E+02
Bromobenzene	108-86-1					2.0E-02	P	1.0E-02	P	V		1		1.4E+09	9.6E+03	7.7E+02					1.6E+03		1.0E+02	9.4E+01
Bromodichloromethane	75-27-4	6.2E-02	I			2.0E-02	I			V		1		1.4E+09	4.4E+03	9.9E+02	1.0E+01			1.0E+01	1.6E+03			1.6E+03
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1	1.4E+09			8.1E+01	2.6E+02	3.0E+06	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	I					1	0.1	1.4E+09			3.4E+02	1.1E+03		2.6E+02	1.6E+04	5.6E+04		1.2E+04
Butylate	2008-41-5					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I					1	0.1	1.4E+09							7.8E+04	2.8E+05		6.1E+04
Cacodylic Acid	75-60-5					2.0E-02	A					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Cadmium (Diet)	7440-43-9			1.8E-03	I	1.0E-03	I					0.025	0.001	1.4E+09					1.8E+03	1.8E+03	7.8E+01	7.0E+02		7.0E+01
Caprolactam	105-60-2					5.0E-01	I					1	0.1	1.4E+09							3.9E+04	1.4E+05		3.1E+04
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1	1.4E+09			4.3E+00	1.3E+01	7.7E+04	3.2E+00	1.6E+02	5.6E+02		1.2E+02
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1	1.4E+09			2.8E+02	8.8E+02	5.0E+06	2.1E+02	1.0E+04	3.6E+04		7.9E+03
Carbaryl	63-25-2					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Carbofuran	1563-66-2					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V		1		1.4E+09	1.0E+03	2.6E+02					7.8E+03		7.3E+02	6.7E+02
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V		1		1.4E+09	1.6E+03	4.8E+02	4.9E+00		2.7E-01	2.5E-01	5.5E+01		3.2E+02	4.7E+01
Carbosulfan	55285-14-8					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Carboxin	5234-68-4					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Chloral Hydrate	302-17-0					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Chloramben	133-90-4					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Chloranil	118-75-2	4.0E-01	H									1	0.1	1.4E+09			1.6E+00	5.0E+00		1.2E+00				
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04	1.4E+09			1.8E+00	1.4E+01	3.3E+04	1.6E+00	3.9E+01	3.5E+02	9.9E+05	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									4.3E+04	4.3E+04
Chloroaniline, p-	106-47-8	5.4E-02	P			4.0E-03	I					1	0.1	1.4E+09			1.2E+01	3.7E+01		9.0E+00	3.1E+02	1.1E+03		2.4E+02
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V		1		1.4E+09	7.4E+03	8.6E+02					1.6E+03		3.9E+02	3.1E+02
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1	1.4E+09			5.8E+00	1.8E+01	1.1E+05	4.4E+00	1.6E+03	5.6E+03		1.2E+03
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V		1		1.4E+09	7.9E+03	5.5E+02					2.3E+02		2.5E+03	2.1E+02
Chlorobutane, 1-	109-69-3					4.0E-02	P			V		1		1.4E+09	2.0E+03	7.9E+02					3.1E+03			3.1E+03
Chlorodifluoromethane	75-45-6							5.0E+01	I	V		1		1.4E+09	1.0E+03	1.7E+03							5.3E+04	5.3E+04
Chloroform	67-66-3	3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		1.4E+09	2.9E+03	2.7E+03	2.1E+01		3.1E-01	3.0E-01	7.8E+02		3.0E+02	2.2E+02
Chloromethane	74-87-3	1.3E-02	H	1.8E-06	H			9.0E-02	I	V		1		1.4E+09	1.3E+03	1.4E+03	4.9E+01		1.7E+00	1.7E+00			1.2E+02	1.2E+02
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V		1		1.4E+09	9.4E+04	2.1E+02					6.3E+03			6.3E+03
Chloronitrobenzene, o-	88-73-3	9.7E-03	P			1.0E-03	P	7.0E-05	P			1	0.1	1.4E+09			6.6E+01	2.1E+02		5.0E+01	7.8E+01	2.8E+02	9.9E+04	6.1E+01
Chloronitrobenzene, p-	100-00-5	6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1	1.4E+09			1.0E+02	3.2E+02		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			3.9E+02
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1	1.4E+09			2.1E+02	6.5E+02	3.7E+06	1.6E+02	1.2E+03	4.2E+03		9.2E+02

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Chlorotoluene, o-	95-49-8					2.0E-02	I			V		1		1.4E+09	9.4E+03	1.0E+03					1.6E+03			1.6E+03
Chlorotoluene, p-	106-43-4					7.0E-02	P			V		1		1.4E+09	8.4E+03	2.9E+02					5.5E+03			5.5E+03
Chlorpropham	101-21-3					2.0E-01	I					1	0.1	1.4E+09							1.6E+04	5.6E+04		1.2E+04
Chlorpyrifos	2921-88-2					3.0E-03	I					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Chlorsulfuron	64902-72-3					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Chlorthiophos	60238-56-4					8.0E-04	H					1	0.1	1.4E+09							6.3E+01	2.2E+02		4.9E+01
Chromium (III) (Insoluble Salts)	16065-83-1					1.5E+00	I					0.013		1.4E+09							1.2E+05			1.2E+05
Chromium VI (particulates)	18540-29-9			8.4E-02	I	3.0E-03	I	1.0E-04	I			0.025		1.4E+09					3.9E+01	3.9E+01	2.3E+02		1.4E+05	2.3E+02
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3			1.2E-02	I						M	0.013		1.4E+09					2.8E+02	2.8E+02				
Cobalt	7440-48-4			9.0E-03	P	3.0E-04	P	6.0E-06	P			1		1.4E+09					3.7E+02	3.7E+02	2.3E+01		8.5E+03	2.3E+01
Copper	7440-50-8					4.0E-02	H					1		1.4E+09							3.1E+03			3.1E+03
Cresol, m-	108-39-4					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Cresol, o-	95-48-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Cresol, p-	106-44-5					5.0E-03	H					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Crotonaldehyde, trans-	123-73-9	1.9E+00	H							V		1		1.4E+09	2.2E+04	2.4E+04	3.4E-01			3.4E-01				
Cumene	98-82-8					1.0E-01	I	4.0E-01	I	V		1		1.4E+09	7.2E+03	3.1E+02					7.8E+03		3.0E+03	2.2E+03
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H					1	0.1	1.4E+09			7.6E-01	2.4E+00		5.8E-01	1.6E+02	5.6E+02		1.2E+02
Cyclohexane	110-82-7							6.0E+00	I	V		1		1.4E+09	1.2E+03	1.2E+02							7.2E+03	7.2E+03
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H									1	0.1	1.4E+09			2.8E+01	8.8E+01		2.1E+01				
Cyclohexanone	108-94-1					5.0E+00	I					1	0.1	1.4E+09							3.9E+05	1.4E+06		3.1E+05
Cyclohexylamine	108-91-8					2.0E-01	I					1	0.1	1.4E+09							1.6E+04	5.6E+04		1.2E+04
Cyhalothrin/karate	68085-85-8					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Cypermethrin	52315-07-8					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Cyromazine	66215-27-8					7.5E-03	I					1	0.1	1.4E+09							5.9E+02	2.1E+03		4.6E+02
Cyanides																								
Calcium Cyanide	592-01-8					4.0E-02	I					1		1.4E+09							3.1E+03			3.1E+03
Copper Cyanide	544-92-3					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02
Cyanide (CN-)	57-12-5					2.0E-02	I					1		1.4E+09							1.6E+03			1.6E+03
Cyanogen	460-19-5					4.0E-02	I			V		1		1.4E+09							3.1E+03			3.1E+03
Cyanogen Bromide	506-68-3					9.0E-02	I			V		1		1.4E+09							7.0E+03			7.0E+03
Cyanogen Chloride	506-77-4					5.0E-02	I			V		1		1.4E+09							3.9E+03			3.9E+03
Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V		1		1.4E+09							1.6E+03		4.3E+06	1.6E+03
Potassium Cyanide	151-50-8					5.0E-02	I					1		1.4E+09							3.9E+03			3.9E+03
Potassium Silver Cyanide	506-61-6					2.0E-01	I					0.04		1.4E+09							1.6E+04			1.6E+04
Silver Cyanide	506-64-9					1.0E-01	I					0.04		1.4E+09							7.8E+03			7.8E+03
Sodium Cyanide	143-33-9					4.0E-02	I					1		1.4E+09							3.1E+03			3.1E+03
Thiocyanate	463-56-9					2.0E-04	P			V		1		1.4E+09	7.0E+03	5.6E+03					1.6E+01			1.6E+01
Zinc Cyanide	557-21-1					5.0E-02	I					1		1.4E+09							3.9E+03			3.9E+03
Dacthal	1861-32-1					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Dalapon	75-99-0					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
DDD	72-54-8	2.4E-01	I									1	0.1	1.4E+09			2.7E+00	8.4E+00		2.0E+00				
DDE, p,p'-	72-55-9	3.4E-01	I									1	0.1	1.4E+09			1.9E+00	6.0E+00		1.4E+00				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03	1.4E+09			1.9E+00	2.0E+01	3.4E+04	1.7E+00	3.9E+01	4.7E+02		3.6E+01
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	7.0E-04	I			7.0E-03	I					1	0.1	1.4E+09			9.1E+02	2.9E+03		6.9E+02	5.5E+02	2.0E+03		4.3E+02
Demeton	8065-48-3					4.0E-05	I					1	0.1	1.4E+09							3.1E+00	1.1E+01		2.4E+00
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I					1	0.1	1.4E+09			5.3E+02	1.7E+03		4.0E+02	4.7E+04	1.7E+05		3.7E+04
Diallate	2303-16-4	6.1E-02	H									1	0.1	1.4E+09			1.0E+01	3.3E+01		8.0E+00				
Diazinon	333-41-5					9.0E-04	H					1	0.1	1.4E+09							7.0E+01	2.5E+02		5.5E+01
Dibromo-3-chloropropane, 1,2-	96-12-8	8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		1.4E+09	3.6E+04	1.1E+03	1.9E-01		5.8E-03	5.6E-03	1.6E+01		7.6E+00	5.1E+00
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Dibromochloromethane	124-48-1	8.4E-02	I			2.0E-02	I			V		1	0.1	1.4E+09	8.8E+03	8.5E+02	7.6E+00	2.4E+01		5.8E+00	1.6E+03	5.6E+03		1.2E+03
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.4E+09	9.5E+03	1.4E+03	3.2E-01		3.9E-02	3.4E-02	7.0E+02		8.9E+01	7.9E+01
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H			V		1		1.4E+09	6.2E+03	3.0E+03					7.8E+02			7.8E+02
Dibutyl Phthalate	84-74-2					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Dibutyltin Compounds	NA					3.0E-04	P					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Dicamba	1918-00-9					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Dichloro-2-butene, 1,4-	764-41-0			2.6E-03	H					V		1		1.4E+09	3.4E+03	6.1E+02			3.2E-03	3.2E-03				
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					7.0E+03		2.8E+03	2.0E+03
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C			8.0E-01	I	V		1		1.4E+09	1.2E+04		1.2E+02		2.7E+00	2.6E+00			1.0E+04	1.0E+04
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I									1	0.1	1.4E+09			1.4E+00	4.5E+00		1.1E+00				

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
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							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		9.8E-01	9.3E-01			1.7E+01	1.7E+01
Dichloropropane, 1,3-	142-28-9					2.0E-02	P			V		1		1.4E+09	7.6E+03	1.6E+03					1.6E+03			1.6E+03
Dichloropropanol, 2,3-	616-23-9					3.0E-03	I					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02
Dichloropropene, 1,3-	542-75-6	1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.4E+09	3.8E+03	1.7E+03	6.4E+00		2.3E+00	1.7E+00	2.3E+03		8.0E+01	7.8E+01
Dichlorvos	62-73-7	2.9E-01	I			5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09			2.2E+00	7.0E+00		1.7E+00	3.9E+01	1.4E+02	7.1E+05	3.1E+01
Dicyclopentadiene	77-73-6					8.0E-03	P	7.0E-03	P	V		1		1.4E+09	4.2E+03	5.9E+02					6.3E+02		3.1E+01	2.9E+01
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	1.4E+09			4.0E-02	1.3E-01	7.2E+02	3.0E-02	3.9E+00	1.4E+01		3.1E+00
Diethyl Phthalate	84-66-2					8.0E-01	I					1	0.1	1.4E+09							6.3E+04	2.2E+05		4.9E+04
Diethylene Glycol Monobutyl Ether	112-34-5					1.0E-02	P	2.0E-02	P			1	0.1	1.4E+09							7.8E+02	2.8E+03	2.8E+07	6.1E+02
Diethylene Glycol Monoethyl Ether	111-90-0					6.0E-02	P	3.0E-03	P			1	0.1	1.4E+09							4.7E+03	1.7E+04	4.3E+06	3.7E+03
Diethylformamide	617-84-5					1.0E-03	P					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C							1	0.1	1.4E+09			1.8E-03	5.8E-03	3.3E+01	1.4E-03				
Difenzoquat	43222-48-6					8.0E-02	I					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Diflubenzuron	35367-38-5					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
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					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Diphenyl Sulfone	127-63-9					3.0E-03	P					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02
Diphenylamine	122-39-4					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I							1	0.1	1.4E+09			8.0E-01	2.5E+00	1.5E+04	6.1E-01				
Diquat	85-00-7					2.2E-03	I					1	0.1	1.4E+09							1.7E+02	6.1E+02		1.3E+02
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			8.6E-02	2.7E-01	1.6E+03	6.6E-02				
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			8.6E-02	2.7E-01	1.6E+03	6.6E-02				
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C							1	0.1	1.4E+09			9.5E-02	3.0E-01	1.7E+03	7.2E-02				
Disulfoton	298-04-4					4.0E-05	I					1	0.1	1.4E+09							3.1E+00	1.1E+01		2.4E+00

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Dithiane, 1,4-	505-29-3					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Diuron	330-54-1					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Dodine	2439-10-3					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Dioxins																								
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	7.8E-05	9.3E-04		7.2E-05
Endosulfan	115-29-7					6.0E-03	I					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Endothall	145-73-3					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Endrin	72-20-8					3.0E-04	I					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.4E+09	1.8E+04	8.4E+03	6.5E+01		3.6E+01	2.3E+01	4.7E+02		1.9E+01	1.8E+01
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V		1		1.4E+09	7.4E+03	1.2E+04							1.5E+02	1.5E+02
EPTC	759-94-4					2.5E-02	I			V		1		1.4E+09	1.6E+05	6.2E+02					2.0E+03			2.0E+03
Ethephon	16672-87-0					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Ethion	563-12-2					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H					1	0.1	1.4E+09							2.3E+04	8.4E+04		1.8E+04
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I			1	0.1	1.4E+09							3.1E+04	1.1E+05	2.8E+08	2.4E+04
Ethyl Acetate	141-78-6					9.0E-01	I			V		1		1.4E+09	9.4E+03	1.1E+04					7.0E+04			7.0E+04
Ethyl Acrylate	140-88-5	4.8E-02	H							V		1		1.4E+09	7.0E+03	2.6E+03	1.3E+01			1.3E+01				
Ethyl Chloride	75-00-3							1.0E+01	I	V		1		1.4E+09	1.4E+03	2.2E+03							1.5E+04	1.5E+04
Ethyl Ether	60-29-7					2.0E-01	I			V		1		1.4E+09	3.0E+03	8.2E+03					1.6E+04			1.6E+04
Ethyl Methacrylate	97-63-2					9.0E-02	H			V		1		1.4E+09	6.4E+03	1.2E+03					7.0E+03			7.0E+03
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I					1	0.1	1.4E+09							7.8E-01	2.8E+00		6.1E-01
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	3.6E+03
Ethylene Cyanohydrin	109-78-4					3.0E-02	P					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Ethylene Diamine	107-15-3					9.0E-02	P					1	0.1	1.4E+09							7.0E+03	2.5E+04		5.5E+03
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C			1	0.1	1.4E+09							1.6E+05	5.6E+05	5.7E+08	1.2E+05
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I			1	0.1	1.4E+09							3.9E+04	1.4E+05	1.8E+10	3.1E+04
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C					V		1		1.4E+09	6.3E+03	1.1E+05	2.1E+00		1.7E-01	1.6E-01				
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1	1.4E+09			1.4E+01	4.5E+01	2.5E+05	1.1E+01	6.3E+00	2.2E+01		4.9E+00
Ethylphthalyl Ethyl Glycolate	84-72-0					3.0E+00	I					1	0.1	1.4E+09							2.3E+05	8.4E+05		1.8E+05
Express	101200-48-0					8.0E-03	I					1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02
Fenamiphos	22224-92-6					2.5E-04	I					1	0.1	1.4E+09							2.0E+01	7.0E+01		1.5E+01
Fenpropathrin	39515-41-8					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Fluometuron	2164-17-2					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Fluorine (Soluble Fluoride)	7782-41-4					6.0E-02	I					1		1.4E+09							4.7E+03			4.7E+03
Fluridone	59756-60-4					8.0E-02	I					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Flurprimidol	56425-91-3					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Flutolanil	66332-96-5					6.0E-02	I					1	0.1	1.4E+09							4.7E+03	1.7E+04		3.7E+03
Fluvalinate	69409-94-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Folpet	133-07-3	3.5E-03	I			1.0E-01	I					1	0.1	1.4E+09			1.8E+02	5.8E+02		1.4E+02	7.8E+03	2.8E+04		6.1E+03
Fomesafen	72178-02-0	1.9E-01	I									1	0.1	1.4E+09			3.4E+00	1.1E+01		2.6E+00				
Fonofos	944-22-9					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1	1.4E+09					2.5E+05	2.5E+05	1.6E+04	5.6E+04	1.4E+07	1.2E+04
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P			1	0.1	1.4E+09							1.6E+05	5.6E+05	4.3E+06	1.2E+05
Fosetyl-AL	39148-24-8					3.0E+00	I					1	0.1	1.4E+09							2.3E+05	8.4E+05		1.8E+05
Furazolidone	67-45-8	3.8E+00	H									1	0.1	1.4E+09			1.7E-01	5.3E-01		1.3E-01				
Furfural	98-01-1					3.0E-03	I	5.0E-02	H			1	0.1	1.4E+09							2.3E+02	8.4E+02	7.1E+07	1.8E+02
Furium	531-82-8	1.5E+00	C	4.3E-04	C							1	0.1	1.4E+09			4.3E-01	1.3E+00	7.7E+03	3.2E-01				
Furmecyclox	60568-05-0	3.0E-02	I									1	0.1	1.4E+09			2.1E+01	6.7E+01		1.6E+01				
Furans																								
Furan	110-00-9					1.0E-03	I			V		1		1.4E+09	2.9E+03	6.8E+03					7.8E+01			7.8E+01
HpCDF, 2,3,7,8-	38998-75-3	1.3E+03	W	3.8E-01	W							1	0.1	1.4E+09			4.9E-04	1.6E-03	8.7E+00	3.7E-04				
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

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
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
Haloxyfop, 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							1.4E+09							1.6E+01			1.6E+01
Imazalil	35554-44-0					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Imazaquin	81335-37-7					2.5E-01	I					1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04
Iprodione	36734-19-7					4.0E-02	I					1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03
Iron	7439-89-6					7.0E-01	P					1		1.4E+09							5.5E+04			5.5E+04
Isobutyl Alcohol	78-83-1					3.0E-01	I			V		1		1.4E+09	3.0E+04	9.6E+03					2.3E+04			2.3E+04
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1	1.4E+09			6.7E+02	2.1E+03		5.1E+02	1.6E+04	5.6E+04	2.8E+09	1.2E+04
Isopropalin	33820-53-0					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Isoxaben	82558-50-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Kerb	23950-58-5					7.5E-02	I					1	0.1	1.4E+09							5.9E+03	2.1E+04		4.6E+03
Lactofen	77501-63-4					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Linuron	330-55-2					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Lithium	7439-93-2					2.0E-03	P					1		1.4E+09							1.6E+02			1.6E+02
Lithium Perchlorate	7791-03-9					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Londax	83055-99-6					2.0E-01	I					1	0.1	1.4E+09							1.6E+04	5.6E+04		1.2E+04
Lead Compounds																								
Lead and Compounds	7439-92-1											1		1.4E+09										4.0E+02
Tetraethyl Lead	78-00-2					1.0E-07	I					1	0.1	1.4E+09							7.8E-03	2.8E-02		6.1E-03
Malathion	121-75-5					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C			1	0.1	1.4E+09							7.8E+03	2.8E+04	9.9E+05	6.1E+03
Maleic Hydrazide	123-33-1					5.0E-01	I					1	0.1	1.4E+09							3.9E+04	1.4E+05		3.1E+04
Malononitrile	109-77-3					1.0E-04	P					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Mancozeb	8018-01-7					3.0E-02	H					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Maneb	12427-38-2					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I			0.04		1.4E+09							1.9E+03		7.1E+04	1.8E+03
MCPA	94-74-6					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
MCPB	94-81-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
MCPP	93-65-2					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Mephosfolan	950-10-7					9.0E-05	H					1	0.1	1.4E+09							7.0E+00	2.5E+01		5.5E+00
Mepiquat Chloride	24307-26-4					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Merphos	150-50-5					3.0E-05	I					1	0.1	1.4E+09							2.3E+00	8.4E+00		1.8E+00
Merphos Oxide	78-48-8					3.0E-05	I					1	0.1	1.4E+09							2.3E+00	8.4E+00		1.8E+00
Metalaxyl	57837-19-1					6.0E-02	I					1	0.1	1.4E+09							4.7E+03	1.7E+04		3.7E+03
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V		1		1.4E+09	7.3E+03	4.5E+03					7.8E+00		5.3E+00	3.2E+00

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Methamidophos	10265-92-6					5.0E-05	I					1	0.1	1.4E+09							3.9E+00	1.4E+01		3.1E+00
Methanol	67-56-1					5.0E-01	I	4.0E+00	C			1	0.1	1.4E+09							3.9E+04	1.4E+05	5.7E+09	3.1E+04
Methidathion	950-37-8					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Methomyl	16752-77-5					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C							1	0.1	1.4E+09			1.3E+01	4.1E+01	2.4E+05	9.9E+00				
Methoxychlor	72-43-5					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Methoxyethanol Acetate, 2-	110-49-6					2.0E-03	H					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Methoxyethanol, 2-	109-86-4					3.0E-03	P	2.0E-02	I			1	0.1	1.4E+09							2.3E+02	8.4E+02	2.8E+07	1.8E+02
Methyl Acetate	79-20-9					1.0E+00	H			V		1		1.4E+09	8.8E+03	2.9E+04					7.8E+04			7.8E+04
Methyl Acrylate	96-33-3					3.0E-02	H			V		1		1.4E+09	7.6E+03	6.9E+03					2.3E+03			2.3E+03
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V		1		1.4E+09	1.3E+04	2.8E+04					4.7E+04		6.7E+04	2.8E+04
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V		1		1.4E+09	1.1E+04	3.2E+03					6.3E+03		3.5E+04	5.3E+03
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V		1		1.4E+09	6.8E+03	2.5E+03					1.1E+05		4.9E+03	4.7E+03
Methyl Parathion	298-00-0					2.5E-04	I					1	0.1	1.4E+09							2.0E+01	7.0E+01		1.5E+01
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V		1		1.4E+09	7.6E+03	4.5E+02					4.7E+02		3.2E+02	1.9E+02
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		1.4E+09	4.7E+03	6.9E+03	3.5E+02		4.4E+01	3.9E+01			1.5E+04	1.5E+04
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1	1.4E+09			1.9E+01	6.1E+01		1.5E+01				
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							1	0.1	1.4E+09			4.9E+00	1.6E+01	8.9E+04	3.7E+00				
Methylarsonic acid	124-58-3					1.0E-02	A			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		2.6E+03	1.7E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1	1.4E+09			1.5E+00	5.1E+00	3.0E+03	1.2E+00	1.6E+02	5.6E+02		1.2E+02
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I									1	0.1	1.4E+09			1.4E+01	4.4E+01		1.1E+01				
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C							1	0.1	1.4E+09			4.0E-01	1.3E+00	7.2E+03	3.0E-01				
Methylenediphenyl Diisocyanate	101-68-8							6.0E-04	I			1	0.1	1.4E+09									8.5E+05	8.5E+05
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V		1		1.4E+09	1.5E+04	4.5E+02					5.5E+03			5.5E+03
Metolachlor	51218-45-2					1.5E-01	I					1	0.1	1.4E+09							1.2E+04	4.2E+04		9.2E+03
Metribuzin	21087-64-9					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1	1.4E+09			3.5E-02	1.1E-01	6.5E+02	2.7E-02	1.6E+01	5.6E+01		1.2E+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
Mercury Compounds																								
Mercuric Chloride	7487-94-7					3.0E-04	I					0.07		1.4E+09							2.3E+01			2.3E+01
Mercuric Sulfide	1344-48-5					3.0E-04	S					1		1.4E+09							2.3E+01			2.3E+01
Mercury (elemental)	7439-97-6							3.0E-04	I	V		1		1.4E+09	2.1E+04	3.1E+00							6.7E+00	6.7E+00
Mercury, Inorganic Salts	NA					3.0E-04	I					0.07		1.4E+09							2.3E+01			2.3E+01
Methyl Mercury	22967-92-6					1.0E-04	I					1		1.4E+09							7.8E+00			7.8E+00
Phenylmercuric Acetate	62-38-4					8.0E-05	I					1	0.1	1.4E+09							6.3E+00	2.2E+01		4.9E+00
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	P					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Naled	300-76-5					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Napropamide	15299-99-7					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Nickel Refinery Dust	NA			2.4E-04	I							0.04		1.4E+09					1.4E+04	1.4E+04				
Nickel Soluble Salts	7440-02-0					2.0E-02	I					0.04		1.4E+09							1.6E+03			1.6E+03
Nickel Subsulfide	12035-72-2			4.8E-04	I							0.04		1.4E+09					6.9E+03	6.9E+03				
Nitrate	14797-55-8					1.6E+00	I					1		1.4E+09							1.3E+05			1.3E+05
Nitrite	14797-65-0					1.0E-01	I					1		1.4E+09							7.8E+03			7.8E+03
Nitroaniline, 3-	99-09-2	2.1E-02	P			3.0E-04	P	1.0E-03	P			1	0.1	1.4E+09			3.0E+01	9.6E+01		2.3E+01	2.3E+01	8.4E+01	1.4E+06	1.8E+01
Nitroaniline, 4-	100-01-6	2.1E-02	P			3.0E-03	P	4.0E-03	P			1	0.1	1.4E+09			3.0E+01	9.6E+01		2.3E+01	2.3E+02	8.4E+02	5.7E+06	1.8E+02
Nitrobenzene	98-95-3					5.0E-04	I	2.0E-03	H	V		1		1.4E+09	7.3E+04	2.6E+03					3.9E+01		1.5E+02	3.1E+01
Nitrofurantoin	67-20-9					7.0E-02	H					1	0.1	1.4E+09							5.5E+03	2.0E+04		4.3E+03
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C							1	0.1	1.4E+09			4.9E-01	1.6E+00	8.9E+03	3.7E-01				
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P					1	0.1	1.4E+09			3.8E+01	1.2E+02		2.9E+01	7.8E+00	2.8E+01		6.1E+00
Nitroguanidine	556-88-7					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Nitromethane	75-52-5			9.0E-06	P			2.0E-02	P	V		1		1.4E+09	1.7E+04	1.7E+04			4.7E+00	4.7E+00			3.6E+02	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-	924-16-3	5.4E+00	I	1.6E-03	I					V		1		1.4E+09	2.8E+05	1.3E+04	1.2E-01		4.3E-01	9.3E-02				
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I									1	0.1	1.4E+09			9.1E-02	2.9E-01		6.9E-02				
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C						M	1	0.1	1.4E+09			5.5E-03	1.9E-02	1.7E+02	4.3E-03				
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I									1	0.1	1.4E+09			2.3E-01	7.2E-01		1.7E-01				
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I						M	1	0.1	1.4E+09			9.9E-04	3.4E-03	3.0E+01	7.7E-04				
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P				M	1	0.1	1.4E+09			2.9E-03	9.9E-03	9.3E+01	2.3E-03	6.3E-01	2.2E+00		4.9E-01

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

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I									1	0.1	1.4E+09			1.3E+02	4.1E+02		9.9E+01				
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I									1	0.1	1.4E+09			2.9E-02	9.2E-02		2.2E-02				
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I							1	0.1	1.4E+09			3.0E-01	9.6E-01	5.4E+03	2.3E-01				
Nitrotoluene, m-	99-08-1					2.0E-02	P					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P			V		1		1.4E+09	1.4E+05	1.3E+03	2.9E+00			2.9E+00	7.0E+01			7.0E+01
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P					1	0.1	1.4E+09			4.0E+01	1.3E+02		3.0E+01	3.1E+02	1.1E+03		2.4E+02
Norflurazon	27314-13-2					4.0E-02	I					1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03
Nustar	85509-19-9					7.0E-04	I					1	0.1	1.4E+09							5.5E+01	2.0E+02		4.3E+01
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I					1	0.1	1.4E+09							2.3E+02	8.4E+02		1.8E+02
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I					1	0.006	1.4E+09							3.9E+03	2.3E+05		3.8E+03
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Oryzalin	19044-88-3					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Oxadiazon	19666-30-9					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Oxamyl	23135-22-0					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Paclobutrazol	76738-62-0					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Paraquat Dichloride	1910-42-5					4.5E-03	I					1	0.1	1.4E+09							3.5E+02	1.3E+03		2.7E+02
Parathion	56-38-2					6.0E-03	H					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Pebulate	1114-71-2					5.0E-02	H					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Pendimethalin	40487-42-1					4.0E-02	I					1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E-04	I							1.4E+09							7.8E+00			7.8E+00
Pentachlorobenzene	608-93-5					8.0E-04	I					1	0.1	1.4E+09							6.3E+01	2.2E+02		4.9E+01
Pentachloroethane	76-01-7	9.0E-02	P									1	0.1	1.4E+09			7.1E+00	2.2E+01		5.4E+00				
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I					1	0.1	1.4E+09			2.5E+00	7.8E+00		1.9E+00	2.3E+02	8.4E+02		1.8E+02
Pentachlorophenol	87-86-5	1.2E-01	I			3.0E-02	I					1	0.25	1.4E+09			5.3E+00	6.7E+00		3.0E+00	2.3E+03	3.4E+03		1.4E+03
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Permethrin	52645-53-1					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Phenmedipham	13684-63-4					2.5E-01	I					1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04
Phenol	108-95-2					3.0E-01	I	2.0E-01	C			1	0.1	1.4E+09							2.3E+04	8.4E+04	2.8E+08	1.8E+04
Phenylenediamine, m-	108-45-2					6.0E-03	I					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Phenylenediamine, o-	95-54-5	4.7E-02	H									1	0.1	1.4E+09			1.4E+01	4.3E+01		1.0E+01				
Phenylenediamine, p-	106-50-3					1.9E-01	H					1	0.1	1.4E+09							1.5E+04	5.3E+04		1.2E+04
Phenylphenol, 2-	90-43-7	1.9E-03	H									1	0.1	1.4E+09			3.3E+02	1.0E+03		2.5E+02				
Phorate	298-02-2					2.0E-04	H					1	0.1	1.4E+09							1.6E+01	5.6E+01		1.2E+01
Phosgene	75-44-5							3.0E-04	I	V		1		1.4E+09	1.3E+03	8.7E+04							4.0E-01	4.0E-01
Phosmet	732-11-6					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Phosphine	7803-51-2					3.0E-04	I	3.0E-04	I			1		1.4E+09							2.3E+01		4.3E+05	2.3E+01
Phosphoric Acid	7664-38-2							1.0E-02	I			1		1.4E+09									1.4E+07	1.4E+07
Phosphorus, White	7723-14-0					2.0E-05	I					1		1.4E+09							1.6E+00			1.6E+00
Phthalic Acid, P-	100-21-0					1.0E+00	H					1	0.1	1.4E+09							7.8E+04	2.8E+05		6.1E+04
Phthalic Anhydride	85-44-9					2.0E+00	I	2.0E-02	C			1	0.1	1.4E+09							1.6E+05	5.6E+05	2.8E+07	1.2E+05
Picloram	1918-02-1					7.0E-02	I					1	0.1	1.4E+09							5.5E+03	2.0E+04		4.3E+03
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-03	P					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Pirimiphos, Methyl	29232-93-7					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	1.4E+09			2.1E-02	6.7E-02	3.8E+02	1.6E-02	5.5E-01	2.0E+00		4.3E-01
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I			1	0.1	1.4E+09									8.5E+05	8.5E+05
Potassium Perchlorate	7778-74-7					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					1	0.1	1.4E+09			4.3E+00	1.3E+01		3.2E+00	7.0E+02	2.5E+03		5.5E+02
Profluralin	26399-36-0					6.0E-03	H					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Prometon	1610-18-0					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Prometryn	7287-19-6					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Propachlor	1918-16-7					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Propanil	709-98-8					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Propargite	2312-35-8					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Propargyl Alcohol	107-19-7					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Propazine	139-40-2					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Propham	122-42-9					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Propiconazole	60207-90-1					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
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

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Propylene 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
Polychlorinated Biphenyls (PCBs)																								
Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I					1	0.14	1.4E+09			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							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I					1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01	1.6E+00	4.0E+00		1.1E+00
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
Heptachlorobiphenyl, 2,2',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',3,4,4',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',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				
Polynuclear Aromatic Hydrocarbons (PAHs)																								
Acenaphthene	83-32-9					6.0E-02	I			V		1	0.13	1.4E+09	1.7E+05						4.7E+03	1.3E+04		3.4E+03
Anthracene	120-12-7					3.0E-01	I			V		1	0.13	1.4E+09	6.3E+05						2.3E+04	6.4E+04		1.7E+04
Benz[a]anthracene	56-55-3	7.3E-01	*	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				
Methylnaphthalene, 1-	90-12-0	2.9E-02	P							V		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		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	1.5E+02
Pyrene	129-00-0					3.0E-02	I			V		1	0.13	1.4E+09	2.9E+06						2.3E+03	6.4E+03		1.7E+03
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		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		1.5E+03
Selenious Acid	7783-00-8					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02
Selenium	7782-49-2					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02
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

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I					1	0.1	1.4E+09			2.7E+01	8.4E+01		2.0E+01	2.3E+03	8.4E+03		1.8E+03
Strontium, Stable	7440-24-6					6.0E-01	I					1		1.4E+09							4.7E+04			4.7E+04
Strychnine	57-24-9					3.0E-04	I					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V		1		1.4E+09	1.1E+04	1.0E+03					1.6E+04		1.1E+04	6.5E+03
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Systhane	88671-89-0					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
TCMTB	21564-17-0					3.0E-02	H					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Tebuthiuron	34014-18-1					7.0E-02	I					1	0.1	1.4E+09							5.5E+03	2.0E+04		4.3E+03
Temephos	3383-96-8					2.0E-02	H					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Terbacil	5902-51-2					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Terbufos	13071-79-9					2.5E-05	H					1	0.1	1.4E+09							2.0E+00	7.0E+00		1.5E+00
Terbutryn	886-50-0					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		1.4E+09	6.5E+03	7.5E+02	2.5E+01		2.1E+00	2.0E+00	2.3E+03			2.3E+03
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P			V		1		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	3.8E+02
Tetrachlorophenol, 2,3,4,6-	58-90-2					3.0E-02	I					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H									1	0.1	1.4E+09			3.2E-02	1.0E-01		2.4E-02				
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V		1		1.4E+09	1.4E+03	8.2E+02							1.1E+05	1.1E+05
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Thallium (I) Nitrate	10102-45-1					9.0E-05	I					1		1.4E+09							7.0E+00			7.0E+00
Thallium (Soluble Salts)	7440-28-0					6.5E-05	S					1		1.4E+09							5.1E+00			5.1E+00
Thallium Acetate	563-68-8					9.0E-05	I					1		1.4E+09							7.0E+00			7.0E+00
Thallium Carbonate	6533-73-9					8.0E-05	I					1		1.4E+09							6.3E+00			6.3E+00
Thallium Chloride	7791-12-0					8.0E-05	I					1		1.4E+09							6.3E+00			6.3E+00
Thallium Sulfate	7446-18-6					8.0E-05	I					1		1.4E+09							6.3E+00			6.3E+00
Thiobencarb	28249-77-6					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Thiofanox	39196-18-4					3.0E-04	H					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Thiophanate, Methyl	23564-05-8					8.0E-02	I					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Thiram	137-26-8					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Tin	7440-31-5					6.0E-01	H					1		1.4E+09							4.7E+04			4.7E+04
Toluene	108-88-3					8.0E-02	I	5.0E+00	I	V		1		1.4E+09	4.9E+03	9.3E+02					6.3E+03		2.6E+04	5.0E+03
Toluene diisocyanate mixture (TDI)	26471-62-5							7.0E-05	I	V		1		1.4E+09	7.5E+05	2.1E+03							5.4E+01	5.4E+01
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C							1	0.1	1.4E+09			1.7E-01	5.3E-01	3.0E+03	1.3E-01				
Toluene-2,5-diamine	95-70-5					6.0E-01	H					1	0.1	1.4E+09							4.7E+04	1.7E+05		3.7E+04
Toluene-2,6-diamine	823-40-5					3.0E-02	P					1	0.1	1.4E+09							2.3E+03	8.4E+03		1.8E+03
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C							1	0.1	1.4E+09			3.5E+00	1.1E+01	6.5E+04	2.7E+00				
Toluidine, p-	106-49-0	1.9E-01	H									1	0.1	1.4E+09			3.4E+00	1.1E+01		2.6E+00				
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I							1	0.1	1.4E+09			5.8E-01	1.8E+00	1.0E+04	4.4E-01				
Tralomethrin	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	I	3.0E+01	H	V		1		1.4E+09	1.4E+03	9.4E+02					2.3E+06		4.4E+04	4.3E+04
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-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									1	0.1	1.4E+09			1.9E+01	6.0E+01		1.4E+01				
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C			1.0E-02	I	4.0E-03	P	V		1		1.4E+09	2.4E+04	2.2E+02	1.8E+02			1.8E+02	7.8E+02		9.8E+01	8.7E+01
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	5.6E+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

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
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							1.4E+09							7.8E+00			7.8E+00
Tri-n-butyltin	688-73-3					3.0E-04	A					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Uranium (Soluble Salts)	NA					3.0E-03	I					1		1.4E+09							2.3E+02			2.3E+02
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026		1.4E+09					4.0E+02	4.0E+02	7.0E+02		9.9E+03	6.6E+02
Vanadium Sulfate	36907-42-3					2.0E-02	H					0.026		1.4E+09							1.6E+03			1.6E+03
Vanadium and Compounds	NA					5.0E-03	S					1		1.4E+09							3.9E+02			3.9E+02
Vanadium, Metallic	7440-62-2					7.0E-03	H					0.026		1.4E+09							5.5E+02			5.5E+02
Vernolate	1929-77-7					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Vinclozolin	50471-44-8					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V		1		1.4E+09	4.8E+03	2.8E+03					7.8E+04		1.0E+03	9.9E+02
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V		1		1.4E+09	1.5E+03	1.7E+03			1.1E-01	1.1E-01			4.7E+00	4.7E+00
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		1.4E+09	1.0E+03	4.0E+03	9.3E-02		1.7E-01	6.0E-02	2.3E+02		1.1E+02	7.4E+01
Warfarin	81-81-2					3.0E-04	I					1	0.1	1.4E+09							2.3E+01	8.4E+01		1.8E+01
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V		1		1.4E+09	5.9E+03	3.0E+02					1.6E+04		6.2E+02	6.0E+02
Xylene, P-	106-42-3							7.0E-01	C	V		1		1.4E+09	6.4E+03	4.5E+02							4.7E+03	4.7E+03
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V		1		1.4E+09	6.3E+03	4.4E+02					1.6E+05		4.6E+03	4.5E+03
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V		1		1.4E+09	7.4E+03	3.0E+02					1.6E+05		5.4E+03	5.3E+03
Zinc (Metallic)	7440-66-6					3.0E-01	I					1		1.4E+09							2.3E+04			2.3E+04
Zinc Phosphide	1314-84-7					3.0E-04	I					1		1.4E+09							2.3E+01			2.3E+01
Zineb	12122-67-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	$(mg/kg\text{-}day)^{-1}$		$(ug/m^3)^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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
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			6.4E-01	9.6E-01	1.3E+04	3.8E-01	2.0E+02	3.1E+02		1.2E+02
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I			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	1.0E-03	H	2.0E-03	I	V		1		1.4E+09	8.2E+03	1.1E+04	5.3E+00		1.5E+00	1.2E+00	1.0E+03		7.2E+01	6.7E+01
Adiponitrile	111-69-3							6.0E-03	P			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			5.1E+01	7.7E+01		3.1E+01	1.0E+04	1.5E+04		6.2E+03
ALAR	1596-84-5					1.5E-01	I					1	0.1	1.4E+09							1.5E+05	2.3E+05		9.2E+04
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			1.7E-01	2.6E-01	3.4E+03	1.0E-01	3.1E+01	4.6E+01		1.8E+01
Ally	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							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
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
Ammonia	7664-41-7							1.0E-01	I			1		1.4E+09									6.0E+08	6.0E+08
Ammonium Perchlorate	7790-98-9					7.0E-04	I					1		1.4E+09							7.2E+02			7.2E+02
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			7.0E-03	P	1.0E-03	I			1	0.1	1.4E+09			5.0E+02	7.6E+02		3.0E+02	7.2E+03	1.1E+04	6.0E+06	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					4.0E-04	H	2.0E-04	I			0.15		1.4E+09							4.1E+02		1.2E+06	4.1E+02
Apollo	74115-24-5					1.3E-02	I					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			1.1E+02	1.7E+02	2.3E+06	6.9E+01	5.1E+04	7.7E+04		3.1E+04
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	3.0E-05	C			1	0.03	1.4E+09			1.9E+00	9.6E+00	3.9E+03	1.6E+00	3.1E+02	1.5E+03	1.8E+05	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	1	0.1	1.4E+09			1.2E-02	1.9E-02	2.5E+02	7.5E-03	3.1E+03	4.6E+03		1.8E+03
Benzoic Acid	65-85-0					4.0E+00	I					1	0.1	1.4E+09							4.1E+06	6.2E+06		2.5E+06
Benzotrichloride	98-07-7	1.3E+01	I							V		1		1.4E+09	7.9E+04	1.6E+02	2.2E-01			2.2E-01				
Benzyl Alcohol	100-51-6					5.0E-01	P					1	0.1	1.4E+09							5.1E+05	7.7E+05		3.1E+05
Benzyl Chloride	100-44-7	1.7E-01	I			2.0E-03	P	1.0E-03	P	V		1		1.4E+09	2.9E+04	6.4E+01	1.7E+01			1.7E+01	2.0E+03		1.3E+02	1.2E+02
Beryllium and compounds	7440-41-7			2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007		1.4E+09					6.9E+03	6.9E+03	2.0E+03		1.2E+05	2.0E+03
Bidrin	141-66-2					1.0E-04	I					1	0.1	1.4E+09							1.0E+02	1.5E+02		6.2E+01
Bifenox	42576-02-3					9.0E-03	P					1	0.1	1.4E+09							9.2E+03	1.4E+04		5.5E+03
Biphenthrin	82657-04-3					1.5E-02	I					1	0.1	1.4E+09							1.5E+04	2.3E+04		9.2E+03

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	$(mg/kg\text{-}day)^{-1}$		$(ug/m^3)^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V		1		1.4E+09	1.4E+05	2.6E+02					5.1E+04			5.1E+04
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I					V		1		1.4E+09	3.7E+04	3.3E+03	2.6E+00		1.4E+00	9.0E-01				
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.4E+09	2.3E+04	5.7E+02	4.1E+01		2.8E+01	1.7E+01	4.1E+04			4.1E+04
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I			2.0E-02	I					1	0.1	1.4E+09			2.0E+02	3.1E+02		1.2E+02	2.0E+04	3.1E+04		1.2E+04
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I					V		1		1.4E+09	7.6E+03	2.8E+03	1.3E-02		1.5E-03	1.3E-03				
Bisphenol A	80-05-7					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H			1		1.4E+09							2.0E+05		1.2E+08	2.0E+05
Boron Trifluoride	7637-07-2							7.0E-04	H			1		1.4E+09									4.2E+06	4.2E+06
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I					1		1.4E+09			4.1E+00			4.1E+00	4.1E+03			4.1E+03
Bromobenzene	108-86-1					2.0E-02	P	1.0E-02	P	V		1		1.4E+09	9.6E+03	7.7E+02					2.0E+04		4.2E+02	4.1E+02
Bromodichloromethane	75-27-4	6.2E-02	I			2.0E-02	I			V		1		1.4E+09	4.4E+03	9.9E+02	4.6E+01			4.6E+01	2.0E+04			2.0E+04
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1	1.4E+09			3.6E+02	5.5E+02	1.5E+07	2.2E+02	2.0E+04	3.1E+04		1.2E+04
Bromomethane	74-83-9					1.4E-03	I	5.0E-03	I	V		1		1.4E+09	1.6E+03	3.6E+03					1.4E+03		3.6E+01	3.5E+01
Bromophos	2104-96-3					5.0E-03	H					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Bromoxynil	1689-84-5					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Bromoxynil Octanoate	1689-99-2					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Butadiene, 1,3-	106-99-0			3.0E-05	I			2.0E-03	I	V		1		1.4E+09	9.4E+02	6.9E+02			3.9E-01	3.9E-01			8.3E+00	8.3E+00
Butanol, N-	71-36-3					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I					1	0.1	1.4E+09			1.5E+03	2.3E+03		9.1E+02	2.0E+05	3.1E+05		1.2E+05
Butylate	2008-41-5					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I					1	0.1	1.4E+09							1.0E+06	1.5E+06		6.2E+05
Cacodylic Acid	75-60-5					2.0E-02	A					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Cadmium (Diet)	7440-43-9			1.8E-03	I	1.0E-03	I					0.025	0.001	1.4E+09					9.3E+03	9.3E+03	1.0E+03	3.9E+03		8.1E+02
Caprolactam	105-60-2					5.0E-01	I					1	0.1	1.4E+09							5.1E+05	7.7E+05		3.1E+05
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1	1.4E+09			1.9E+01	2.9E+01	3.9E+05	1.1E+01	2.0E+03	3.1E+03		1.2E+03
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1	1.4E+09			1.2E+03	1.9E+03	2.5E+07	7.5E+02	1.3E+05	2.0E+05		8.0E+04
Carbaryl	63-25-2					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Carbofuran	1563-66-2					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V		1		1.4E+09	1.0E+03	2.6E+02					1.0E+05		3.1E+03	3.0E+03
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V		1		1.4E+09	1.6E+03	4.8E+02	2.2E+01		1.3E+00	1.3E+00	7.2E+02		1.4E+03	4.7E+02
Carbosulfan	55285-14-8					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Carboxin	5234-68-4					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Chloral Hydrate	302-17-0					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Chloramben	133-90-4					1.5E-02	I					1	0.1	1.4E+09							1.5E+04	2.3E+04		9.2E+03
Chloranil	118-75-2	4.0E-01	H									1	0.1	1.4E+09			7.1E+00	1.1E+01		4.3E+00				
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04	1.4E+09			8.2E+00	3.1E+01	1.7E+05	6.5E+00	5.1E+02	1.9E+03	4.2E+06	4.0E+02
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C							1	0.1	1.4E+09			1.8E-01	2.7E-01	3.6E+03	1.1E-01				
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A			1		1.4E+09							1.0E+05		8.6E+05	9.1E+04
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I			1		1.4E+09							3.1E+04		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	5.4E-02	P			4.0E-03	I					1	0.1	1.4E+09			5.3E+01	8.0E+01		3.2E+01	4.1E+03	6.2E+03		2.5E+03
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V		1		1.4E+09	7.4E+03	8.6E+02					2.0E+04		1.6E+03	1.5E+03
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1	1.4E+09			2.6E+01	3.9E+01	5.4E+05	1.6E+01	2.0E+04	3.1E+04		1.2E+04
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V		1		1.4E+09	7.9E+03	5.5E+02					3.1E+03		1.0E+04	2.4E+03
Chlorobutane, 1-	109-69-3					4.0E-02	P			V		1		1.4E+09	2.0E+03	7.9E+02					4.1E+04			4.1E+04
Chlorodifluoromethane	75-45-6							5.0E+01	I	V		1		1.4E+09	1.0E+03	1.7E+03							2.2E+05	2.2E+05
Chloroform	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	1.1E+03
Chloromethane	74-87-3	1.3E-02	H	1.8E-06	H			9.0E-02	I	V		1		1.4E+09	1.3E+03	1.4E+03	2.2E+02		8.7E+00	8.4E+00			5.1E+02	5.1E+02
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V		1		1.4E+09	9.4E+04	2.1E+02					8.2E+04			8.2E+04
Chloronitrobenzene, o-	88-73-3	9.7E-03	P			1.0E-03	P	7.0E-05	P			1	0.1	1.4E+09			3.0E+02	4.5E+02		1.8E+02	1.0E+03	1.5E+03	4.2E+05	6.1E+02
Chloronitrobenzene, p-	100-00-5	6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1	1.4E+09			4.5E+02	6.9E+02		2.7E+02	1.0E+03	1.5E+03	3.6E+06	6.2E+02
Chlorophenol, 2-	95-57-8					5.0E-03	I			V		1		1.4E+09	1.6E+05	7.9E+04					5.1E+03			5.1E+03
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1	1.4E+09			9.2E+02	1.4E+03	1.9E+07	5.6E+02	1.5E+04	2.3E+04		9.2E+03
Chlorotoluene, o-	95-49-8					2.0E-02	I			V		1		1.4E+09	9.4E+03	1.0E+03					2.0E+04			2.0E+04
Chlorotoluene, p-	106-43-4					7.0E-02	P			V		1		1.4E+09	8.4E+03	2.9E+02					7.2E+04			7.2E+04
Chlorpropham	101-21-3					2.0E-01	I					1	0.1	1.4E+09							2.0E+05	3.1E+05		1.2E+05

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	$(mg/kg\text{-}day)^{-1}$		$(ug/m^3)^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Chlorpyrifos	2921-88-2					3.0E-03	I					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Chlorsulfuron	64902-72-3					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Chlorthiophos	60238-56-4					8.0E-04	H					1	0.1	1.4E+09							8.2E+02	1.2E+03		4.9E+02
Chromium (III) (Insoluble Salts)	16065-83-1					1.5E+00	I					0.013		1.4E+09							1.5E+06			1.5E+06
Chromium VI (particulates)	18540-29-9			8.4E-02	I	3.0E-03	I	1.0E-04	I			0.025		1.4E+09					2.0E+02	2.0E+02	3.1E+03		6.0E+05	3.1E+03
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3			1.2E-02	I						M	0.013		1.4E+09					1.4E+03	1.4E+03				
Cobalt	7440-48-4			9.0E-03	P	3.0E-04	P	6.0E-06	P			1		1.4E+09					1.9E+03	1.9E+03	3.1E+02		3.6E+04	3.0E+02
Copper	7440-50-8					4.0E-02	H					1		1.4E+09							4.1E+04			4.1E+04
Cresol, m-	108-39-4					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Cresol, o-	95-48-7					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Cresol, p-	106-44-5					5.0E-03	H					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Crotonaldehyde, trans-	123-73-9	1.9E+00	H							V		1		1.4E+09	2.2E+04	2.4E+04	1.5E+00			1.5E+00				
Cumene	98-82-8					1.0E-01	I	4.0E-01	I	V		1		1.4E+09	7.2E+03	3.1E+02					1.0E+05		1.3E+04	1.1E+04
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H					1	0.1	1.4E+09			3.4E+00	5.2E+00		2.1E+00	2.0E+03	3.1E+03		1.2E+03
Cyclohexane	110-82-7							6.0E+00	I	V		1		1.4E+09	1.2E+03	1.2E+02							3.0E+04	3.0E+04
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H									1	0.1	1.4E+09			1.2E+02	1.9E+02		7.5E+01				
Cyclohexanone	108-94-1					5.0E+00	I					1	0.1	1.4E+09							5.1E+06	7.7E+06		3.1E+06
Cyclohexylamine	108-91-8					2.0E-01	I					1	0.1	1.4E+09							2.0E+05	3.1E+05		1.2E+05
Cyhalothrin/karate	68085-85-8					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Cypermethrin	52315-07-8					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Cyromazine	66215-27-8					7.5E-03	I					1	0.1	1.4E+09							7.7E+03	1.2E+04		4.6E+03
Cyanides																								
Calcium Cyanide	592-01-8					4.0E-02	I					1		1.4E+09							4.1E+04			4.1E+04
Copper Cyanide	544-92-3					5.0E-03	I					1		1.4E+09							5.1E+03			5.1E+03
Cyanide (CN-)	57-12-5					2.0E-02	I					1		1.4E+09							2.0E+04			2.0E+04
Cyanogen	460-19-5					4.0E-02	I			V		1		1.4E+09							4.1E+04			4.1E+04
Cyanogen Bromide	506-68-3					9.0E-02	I			V		1		1.4E+09							9.2E+04			9.2E+04
Cyanogen Chloride	506-77-4					5.0E-02	I			V		1		1.4E+09							5.1E+04			5.1E+04
Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V		1		1.4E+09							2.0E+04		1.8E+07	2.0E+04
Potassium Cyanide	151-50-8					5.0E-02	I					1		1.4E+09							5.1E+04			5.1E+04
Potassium Silver Cyanide	506-61-6					2.0E-01	I					0.04		1.4E+09							2.0E+05			2.0E+05
Silver Cyanide	506-64-9					1.0E-01	I					0.04		1.4E+09							1.0E+05			1.0E+05
Sodium Cyanide	143-33-9					4.0E-02	I					1		1.4E+09							4.1E+04			4.1E+04
Thiocyanate	463-56-9					2.0E-04	P			V		1		1.4E+09	7.0E+03	5.6E+03					2.0E+02			2.0E+02
Zinc Cyanide	557-21-1					5.0E-02	I					1		1.4E+09							5.1E+04			5.1E+04
Dacthal	1861-32-1					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Dalapon	75-99-0					3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
DDD	72-54-8	2.4E-01	I									1	0.1	1.4E+09			1.2E+01	1.8E+01		7.2E+00				
DDE, p,p'-	72-55-9	3.4E-01	I									1	0.1	1.4E+09			8.4E+00	1.3E+01		5.1E+00				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03	1.4E+09			8.4E+00	4.3E+01	1.7E+05	7.0E+00	5.1E+02	2.6E+03		4.3E+02
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	7.0E-04	I			7.0E-03	I					1	0.1	1.4E+09			4.1E+03	6.2E+03		2.5E+03	7.2E+03	1.1E+04		4.3E+03
Demeton	8065-48-3					4.0E-05	I					1	0.1	1.4E+09							4.1E+01	6.2E+01		2.5E+01
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I					1	0.1	1.4E+09			2.4E+03	3.6E+03		1.4E+03	6.1E+05	9.3E+05		3.7E+05
Diallate	2303-16-4	6.1E-02	H									1	0.1	1.4E+09			4.7E+01	7.1E+01		2.8E+01				
Diazinon	333-41-5					9.0E-04	H					1	0.1	1.4E+09							9.2E+02	1.4E+03		5.5E+02
Dibromo-3-chloropropane, 1,2-	96-12-8	8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		1.4E+09	3.6E+04	1.1E+03	3.6E+00		7.4E-02	7.3E-02	2.0E+02		3.2E+01	2.8E+01
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Dibromochloromethane	124-48-1	8.4E-02	I			2.0E-02	I			V		1	0.1	1.4E+09	8.8E+03	8.5E+02	3.4E+01	5.2E+01		2.1E+01	2.0E+04	3.1E+04		1.2E+04
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.4E+09	9.5E+03	1.4E+03	1.4E+00		1.9E-01	1.7E-01	9.2E+03		3.8E+02	3.6E+02
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H			V		1		1.4E+09	6.2E+03	3.0E+03					1.0E+04			1.0E+04
Dibutyl Phthalate	84-74-2					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Dibutyltin Compounds	NA					3.0E-04	P					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Dicamba	1918-00-9					3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Dichloro-2-butene, 1,4-	764-41-0			2.6E-03	H					V		1		1.4E+09	3.4E+03	6.1E+02			1.6E-02	1.6E-02				
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I					1	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		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			8.0E-01	I	V		1		1.4E+09	1.2E+04		5.3E+02		1.3E+01	1.3E+01			4.2E+04	4.2E+04
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I									1	0.1	1.4E+09			6.4E+00	9.6E+00		3.8E+00				
Dichlorodifluoromethane	75-71-8					2.0E-01	I	2.0E-01	H	V		1		1.4E+09	9.0E+02	8.5E+02					2.0E+05		7.9E+02	7.8E+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	5.0E+02		1.8E+01	1.7E+01	2.0E+05			2.0E+05
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	3.1E+01		2.4E+00	2.2E+00	2.0E+04		5.4E+04	1.5E+04
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					5.1E+04		1.1E+03	1.1E+03
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.0E-03	H			V		1		1.4E+09	2.8E+03	1.4E+03					9.2E+03			9.2E+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; 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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dichloroethylene, 1,2-cis-	156-59-2					1.0E-02	P			V		1		1.4E+09	2.8E+03	1.4E+03					1.0E+04			1.0E+04
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					2.0E+04		5.1E+02	5.0E+02
Dichlorophenol, 2,4-	120-83-2					3.0E-03	I					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E-02	I					1	0.05	1.4E+09							1.0E+04	3.1E+04		7.7E+03
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			4.0E-03	I	V		1		1.4E+09	4.0E+03	1.5E+03	7.9E+01		4.9E+00	4.7E+00			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			5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09			9.9E+00	1.5E+01		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
Difluoroethane, 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
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
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					2.0E-03	I					1	0.102	1.4E+09							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	S					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	S					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					3.6E+00	A			1	0.1	1.4E+09			2.6E+02	3.9E+02		1.6E+02			2.1E+10	2.1E+10
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			3.9E-01	5.9E-01	7.9E+03	2.3E-01				
Direct Brown 95	16071-86-6	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				
Disulfoton	298-04-4					4.0E-05	I					1	0.1	1.4E+09							4.1E+01	6.2E+01		2.5E+01
Dithiane, 1,4-	505-29-3					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Diuron	330-54-1					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Dodine	2439-10-3					4.0E-03	I					1	0.1	1.4E+09							4.1E+03	6.2E+03		2.5E+03
Dioxins																								
Hexachlorodibenzo-p-dioxin	34465-46-8	1.3E+04	W	3.8E+00	W							1	0.03	1.4E+09			2.2E-04	1.1E-03	4.4E+00	1.8E-04				
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				
HpCDD, 2,3,7,8-	37871-00-4	1.3E+03	W	3.8E-01	W							1	0.03	1.4E+09			2.2E-03	1.1E-02	4.4E+01	1.8E-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; 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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
OCDD	3268-87-9	3.9E+01	W	1.1E-02	W							1	0.03	1.4E+09			7.3E-02	3.7E-01	1.5E+03	6.1E-02				
PeCDD, 2,3,7,8-	36088-22-9	1.3E+05	W	3.8E+01	W							1	0.03	1.4E+09			2.2E-05	1.1E-04	4.4E-01	1.8E-05				
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			2.2E-05	1.1E-04	4.4E-01	1.8E-05	1.0E-03	5.2E-03		8.5E-04
Endosulfan	115-29-7					6.0E-03	I					1	0.1	1.4E+09							6.1E+03	9.3E+03		3.7E+03
Endothall	145-73-3					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Endrin	72-20-8					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
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	2.9E+02		1.8E+02	1.1E+02	6.1E+03		7.8E+01	7.7E+01
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V		1		1.4E+09	7.4E+03	1.2E+04							6.4E+02	6.4E+02
EPTC	759-94-4					2.5E-02	I			V		1		1.4E+09	1.6E+05	6.2E+02					2.6E+04			2.6E+04
Ethephon	16672-87-0					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Ethion	563-12-2					5.0E-04	I					1	0.1	1.4E+09							5.1E+02	7.7E+02		3.1E+02
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H					1	0.1	1.4E+09							3.1E+05	4.6E+05		1.8E+05
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I			1	0.1	1.4E+09							4.1E+05	6.2E+05	1.2E+09	2.5E+05
Ethyl Acetate	141-78-6					9.0E-01	I			V		1		1.4E+09	9.4E+03	1.1E+04					9.2E+05			9.2E+05
Ethyl Acrylate	140-88-5	4.8E-02	H							V		1		1.4E+09	7.0E+03	2.6E+03	6.0E+01			6.0E+01				
Ethyl Chloride	75-00-3							1.0E+01	I	V		1		1.4E+09	1.4E+03	2.2E+03							6.2E+04	6.2E+04
Ethyl Ether	60-29-7					2.0E-01	I			V		1		1.4E+09	3.0E+03	8.2E+03					2.0E+05			2.0E+05
Ethyl Methacrylate	97-63-2					9.0E-02	H			V		1		1.4E+09	6.4E+03	1.2E+03					9.2E+04			9.2E+04
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I					1	0.1	1.4E+09							1.0E+01	1.5E+01		6.2E+00
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	2.6E+02		3.2E+01	2.9E+01	1.0E+05		2.9E+04	2.2E+04
Ethylene Cyanohydrin	109-78-4					3.0E-02	P					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Ethylene Diamine	107-15-3					9.0E-02	P					1	0.1	1.4E+09							9.2E+04	1.4E+05		5.5E+04
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C			1	0.1	1.4E+09							2.0E+06	3.1E+06	2.4E+09	1.2E+06
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I			1	0.1	1.4E+09							5.1E+05	7.7E+05	7.7E+10	3.1E+05
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C					V		1		1.4E+09	6.3E+03	1.1E+05	9.2E+00		8.7E-01	8.0E-01				
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1	1.4E+09			6.4E+01	9.6E+01	1.3E+06	3.8E+01	8.2E+01	1.2E+02		4.9E+01
Ethylphthalyl Ethyl Glycolate	84-72-0					3.0E+00	I					1	0.1	1.4E+09							3.1E+06	4.6E+06		1.8E+06
Express	101200-48-0					8.0E-03	I					1	0.1	1.4E+09							8.2E+03	1.2E+04		4.9E+03
Fenamiphos	22224-92-6					2.5E-04	I					1	0.1	1.4E+09							2.6E+02	3.9E+02		1.5E+02
Fenpropathrin	39515-41-8					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
Fluometuron	2164-17-2					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
Fluorine (Soluble Fluoride)	7782-41-4					6.0E-02	I					1		1.4E+09							6.1E+04			6.1E+04
Fluridone	59756-60-4					8.0E-02	I					1	0.1	1.4E+09							8.2E+04	1.2E+05		4.9E+04
Flurprimidol	56425-91-3					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Flutolanil	66332-96-5					6.0E-02	I					1	0.1	1.4E+09							6.1E+04	9.3E+04		3.7E+04
Fluvalinate	69409-94-5					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Folpet	133-07-3	3.5E-03	I			1.0E-01	I					1	0.1	1.4E+09			8.2E+02	1.2E+03		4.9E+02	1.0E+05	1.5E+05		6.2E+04
Fomesafen	72178-02-0	1.9E-01	I									1	0.1	1.4E+09			1.5E+01	2.3E+01		9.1E+00				
Fonofos	944-22-9					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1	1.4E+09					1.3E+06	1.3E+06	2.0E+05	3.1E+05	5.8E+07	1.2E+05
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P			1	0.1	1.4E+09							2.0E+06	3.1E+06	1.8E+07	1.2E+06
Fosetyl-AL	39148-24-8					3.0E+00	I					1	0.1	1.4E+09							3.1E+06	4.6E+06		1.8E+06
Furazolidone	67-45-8	3.8E+00	H									1	0.1	1.4E+09			7.5E-01	1.1E+00		4.5E-01				
Furfural	98-01-1					3.0E-03	I	5.0E-02	H			1	0.1	1.4E+09							3.1E+03	4.6E+03	3.0E+08	1.8E+03
Furium	531-82-8	1.5E+00	C	4.3E-04	C							1	0.1	1.4E+09			1.9E+00	2.9E+00	3.9E+04	1.1E+00				
Furmecyclox	60568-05-0	3.0E-02	I									1	0.1	1.4E+09			9.5E+01	1.4E+02		5.7E+01				
Furans																								
Furan	110-00-9					1.0E-03	I			V		1		1.4E+09	2.9E+03	6.8E+03					1.0E+03			1.0E+03
HpCDF, 2,3,7,8-	38998-75-3	1.3E+03	W	3.8E-01	W							1	0.1	1.4E+09			2.2E-03	3.3E-03	4.4E+01	1.3E-03				
HxCDF, 2,3,7,8-	55684-94-1	1.3E+04	W	3.8E+00	W							1	0.1	1.4E+09			2.2E-04	3.3E-04	4.4E+00	1.3E-04				
OCDF	39001-02-0	3.9E+01	W	1.1E-02	W							1	0.1	1.4E+09			7.3E-02	1.1E-01	1.5E+03	4.4E-02				
PeCDF, 1,2,3,7,8-	57117-41-6	3.9E+03	W	1.1E+00	W							1	0.1	1.4E+09			7.3E-04	1.1E-03	1.5E+01	4.4E-04				
PeCDF, 2,3,4,7,8-	57117-31-4	3.9E+04	W	1.1E+01	W							1	0.1	1.4E+09			7.3E-05	1.1E-04	1.5E+00	4.4E-05				
TCDF, 2,3,7,8-	51207-31-9	1.3E+04	W	3.8E+00	W							1	0.1	1.4E+09			2.2E-04	3.3E-04	4.4E+00	1.3E-04				
Glufosinate, Ammonium	77182-82-2					4.0E-04	I					1	0.1	1.4E+09							4.1E+02	6.2E+02		2.5E+02
Glycidyl	765-34-4					4.0E-04	I	1.0E-03	H			1	0.1	1.4E+09							4.1E+02	6.2E+02	6.0E+06	2.5E+02
Glyphosate	1071-83-6					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Goal	42874-03-3					3.0E-03	I					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Haloxyfop, Methyl	69806-40-2					5.0E-05	I					1	0.1	1.4E+09							5.1E+01	7.7E+01		3.1E+01
Harmony	79277-27-3					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1	1.4E+09			6.4E-01	9.6E-01	1.3E+04	3.8E-01	5.1E+02	7.7E+02		3.1E+02
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1	1.4E+09			3.1E-01	4.8E-01	6.4E+03	1.9E-01	1.3E+01	2.0E+01		8.0E+00
Hexabromobenzene	87-82-1					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1	1.4E+09			1.8E+00	2.7E+00	3.6E+04	1.1E+00	8.2E+02	1.2E+03		4.9E+02

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	volc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1	1.4E+09			3.7E+01	5.6E+01	7.6E+05	2.2E+01	1.0E+03	1.5E+03		6.2E+02
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I							1	0.1	1.4E+09			4.5E-01	6.9E-01	9.3E+03	2.7E-01				
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							1	0.1	1.4E+09			1.6E+00	2.4E+00	3.1E+04	9.6E-01				
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04	1.4E+09			2.6E+00	9.9E+00	5.4E+04	2.1E+00	3.1E+02	1.2E+03		2.4E+02
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							1	0.1	1.4E+09			1.6E+00	2.4E+00	3.3E+04	9.6E-01				
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I			1	0.1	1.4E+09							6.1E+03	9.3E+03	1.2E+06	3.7E+03
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1	1.4E+09			2.0E+02	3.1E+02	4.2E+06	1.2E+02	1.0E+03	1.5E+03		6.2E+02
Hexachlorophene	70-30-4					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	1.1E-01	I			3.0E-03	I					1	0.015	1.4E+09			2.6E+01	2.6E+02		2.4E+01	3.1E+03	3.1E+04		2.8E+03
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V		1		1.4E+09	3.6E+05	4.1E+03							1.6E+01	1.6E+01
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V		1		1.4E+09	9.0E+02	1.4E+02					6.1E+04		2.7E+03	2.6E+03
Hexanedioic Acid	124-04-9					2.0E+00	P					1	0.1	1.4E+09							2.0E+06	3.1E+06		1.2E+06
Hexazinone	51235-04-2					3.3E-02	I					1	0.1	1.4E+09							3.4E+04	5.1E+04		2.0E+04
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C			1		1.4E+09			9.5E-01		3.4E+03	9.5E-01			1.2E+06	1.2E+06
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							1		1.4E+09			9.5E-01		3.4E+03	9.5E-01				
Hydrogen Chloride	7647-01-0							2.0E-02	I			1		1.4E+09									1.2E+08	1.2E+08
Hydrogen Sulfide	7783-06-4							2.0E-03	I			1		1.4E+09									1.2E+07	1.2E+07
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P					1	0.1	1.4E+09			5.1E+01	7.7E+01		3.1E+01	4.1E+04	6.2E+04		2.5E+04
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I							1.4E+09							2.0E+02			2.0E+02
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
Iprodione	36734-19-7					4.0E-02	I					1	0.1	1.4E+09							4.1E+04	6.2E+04		2.5E+04
Iron	7439-89-6					7.0E-01	P					1		1.4E+09							7.2E+05			7.2E+05
Isobutyl Alcohol	78-83-1					3.0E-01	I			V		1		1.4E+09	3.0E+04	9.6E+03					3.1E+05			3.1E+05
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1	1.4E+09			3.0E+03	4.6E+03		1.8E+03	2.0E+05	3.1E+05	1.2E+10	1.2E+05
Isopropalin	33820-53-0					1.5E-02	I					1	0.1	1.4E+09							1.5E+04	2.3E+04		9.2E+03
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Isoxaben	82558-50-7					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Kerb	23950-58-5					7.5E-02	I					1	0.1	1.4E+09							7.7E+04	1.2E+05		4.6E+04
Lactofen	77501-63-4					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Linuron	330-55-2					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Lithium	7439-93-2					2.0E-03	P					1		1.4E+09							2.0E+03			2.0E+03
Lithium Perchlorate	7791-03-9					7.0E-04	I					1		1.4E+09							7.2E+02			7.2E+02
Londax	83055-99-6					2.0E-01	I					1	0.1	1.4E+09							2.0E+05	3.1E+05		1.2E+05
Lead Compounds																								
Lead and Compounds	7439-92-1											1		1.4E+09										8.0E+02
Tetraethyl Lead	78-00-2					1.0E-07	I					1	0.1	1.4E+09							1.0E-01	1.5E-01		6.2E-02
Malathion	121-75-5					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C			1	0.1	1.4E+09							1.0E+05	1.5E+05	4.2E+06	6.1E+04
Maleic Hydrazide	123-33-1					5.0E-01	I					1	0.1	1.4E+09							5.1E+05	7.7E+05		3.1E+05
Malononitrile	109-77-3					1.0E-04	P					1	0.1	1.4E+09							1.0E+02	1.5E+02		6.2E+01
Mancozeb	8018-01-7					3.0E-02	H					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Maneb	12427-38-2					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I			0.04		1.4E+09							2.5E+04		3.0E+05	2.3E+04
MCPA	94-74-6					5.0E-04	I					1	0.1	1.4E+09							5.1E+02	7.7E+02		3.1E+02
MCPB	94-81-5					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
MCPP	93-65-2					1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02
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
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		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					1	0.1	1.4E+09							2.0E+03	3.1E+03		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		1.4E+09	1.3E+04	2.8E+04					6.1E+05		2.8E+05	1.9E+05

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
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					8.2E+04		1.5E+05	5.2E+04
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V		1		1.4E+09	6.8E+03	2.5E+03					1.4E+06		2.1E+04	2.0E+04
Methyl Parathion	298-00-0					2.5E-04	I					1	0.1	1.4E+09							2.6E+02	3.9E+02		1.5E+02
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V		1		1.4E+09	7.6E+03	4.5E+02					6.1E+03		1.3E+03	1.1E+03
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		1.4E+09	4.7E+03	6.9E+03	1.6E+03		2.2E+02	1.9E+02			6.1E+04	6.1E+04
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1	1.4E+09			8.7E+01	1.3E+02		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		A			1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	I	1.1E+00	A	V		1		1.4E+09	2.4E+03	3.5E+03	3.8E+02		6.3E+01	5.4E+01	6.1E+04		1.1E+04	9.4E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1	1.4E+09			2.9E+01	4.3E+01	3.9E+04	1.7E+01	2.0E+03	3.1E+03		1.2E+03
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I									1	0.1	1.4E+09			6.2E+01	9.4E+01		3.7E+01				
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C							1	0.1	1.4E+09			1.8E+00	2.7E+00	3.6E+04	1.1E+00				
Methylenediphenyl Diisocyanate	101-68-8							6.0E-04	I			1	0.1	1.4E+09									3.6E+06	3.6E+06
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V		1		1.4E+09	1.5E+04	4.5E+02					7.2E+04			7.2E+04
Metolachlor	51218-45-2					1.5E-01	I					1	0.1	1.4E+09							1.5E+05	2.3E+05		9.2E+04
Metribuzin	21087-64-9					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1	1.4E+09			1.6E-01	2.4E-01	3.3E+03	9.6E-02	2.0E+02	3.1E+02		1.2E+02
Molinate	2212-67-1					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Molybdenum	7439-98-7					5.0E-03	I					1		1.4E+09							5.1E+03			5.1E+03
Monochloramine	10599-90-3					1.0E-01	I					1		1.4E+09							1.0E+05			1.0E+05
Monomethylaniline	100-61-8					2.0E-03	P					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Mercury Compounds																								
Mercuric Chloride	7487-94-7					3.0E-04	I					0.07		1.4E+09							3.1E+02			3.1E+02
Mercuric Sulfide	1344-48-5					3.0E-04	S					1		1.4E+09							3.1E+02			3.1E+02
Mercury (elemental)	7439-97-6							3.0E-04	I	V		1		1.4E+09	2.1E+04	3.1E+00							2.8E+01	2.8E+01
Mercury, Inorganic Salts	NA					3.0E-04	I					0.07		1.4E+09							3.1E+02			3.1E+02
Methyl Mercury	22967-92-6					1.0E-04	I					1		1.4E+09							1.0E+02			1.0E+02
Phenylmercuric Acetate	62-38-4					8.0E-05	I					1	0.1	1.4E+09							8.2E+01	1.2E+02		4.9E+01
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	P					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Naled	300-76-5					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Napropamide	15299-99-7					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Nickel Refinery Dust	NA			2.4E-04	I							0.04		1.4E+09					6.9E+04	6.9E+04				
Nickel Soluble Salts	7440-02-0					2.0E-02	I					0.04		1.4E+09							2.0E+04			2.0E+04
Nickel Subsulfide	12035-72-2			4.8E-04	I							0.04		1.4E+09					3.5E+04	3.5E+04				
Nitrate	14797-55-8					1.6E+00	I					1		1.4E+09							1.6E+06			1.6E+06
Nitrite	14797-65-0					1.0E-01	I					1		1.4E+09							1.0E+05			1.0E+05
Nitroaniline, 3-	99-09-2	2.1E-02	P			3.0E-04	P	1.0E-03	P			1	0.1	1.4E+09			1.4E+02	2.1E+02		8.2E+01	3.1E+02	4.6E+02	6.0E+06	1.8E+02
Nitroaniline, 4-	100-01-6	2.1E-02	P			3.0E-03	P	4.0E-03	P			1	0.1	1.4E+09			1.4E+02	2.1E+02		8.2E+01	3.1E+03	4.6E+03	2.4E+07	1.8E+03
Nitrobenzene	98-95-3					5.0E-04	I	2.0E-03	H	V		1		1.4E+09	7.3E+04	2.6E+03					5.1E+02		6.4E+02	2.8E+02
Nitrofurantoin	67-20-9					7.0E-02	H					1	0.1	1.4E+09							7.2E+04	1.1E+05		4.3E+04
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C							1	0.1	1.4E+09			2.2E+00	3.3E+00	4.5E+04	1.3E+00				
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P					1	0.1	1.4E+09			1.7E+02	2.6E+02		1.0E+02	1.0E+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	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	1.2E+03
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I					V		1		1.4E+09	2.8E+05	1.3E+04	5.3E-01		2.2E+00	4.3E-01				
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I									1	0.1	1.4E+09			4.1E-01	6.2E-01		2.5E-01				
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C						M	1	0.1	1.4E+09			1.1E-01	1.6E-01	2.2E+03	6.4E-02				
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I									1	0.1	1.4E+09			1.0E+00	1.5E+00		6.2E-01				
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I						M	1	0.1	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									1	0.1	1.4E+09			5.8E+02	8.8E+02		3.5E+02				
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I									1	0.1	1.4E+09			1.3E-01	2.0E-01		7.8E-02				
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I							1	0.1	1.4E+09			1.4E+00	2.1E+00	2.7E+04	8.2E-01				
Nitrotoluene, m-	99-08-1					2.0E-02	P					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P			V		1		1.4E+09	1.4E+05	1.3E+03	1.3E+01			1.3E+01	9.2E+02			9.2E+02
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P					1	0.1	1.4E+09			1.8E+02	2.7E+02		1.1E+02	4.1E+03	6.2E+03		2.5E+03
Norflurazon	27314-13-2					4.0E-02	I					1	0.1	1.4E+09							4.1E+04	6.2E+04		2.5E+04
Nustar	85509-19-9					7.0E-04	I					1	0.1	1.4E+09							7.2E+02	1.1E+03		4.3E+02
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I					1	0.006	1.4E+09							5.1E+04	1.3E+06		4.9E+04
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Oryzalin	19044-88-3					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Oxadiazon	19666-30-9					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Oxamyl	23135-22-0					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
Paclobutrazol	76738-62-0					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
Paraquat Dichloride	1910-42-5					4.5E-03	I					1	0.1	1.4E+09							4.6E+03	7.0E+03		2.8E+03
Parathion	56-38-2					6.0E-03	H					1	0.1	1.4E+09							6.1E+03	9.3E+03		3.7E+03
Pebulate	1114-71-2					5.0E-02	H					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Pendimethalin	40487-42-1					4.0E-02	I					1	0.1	1.4E+09							4.1E+04	6.2E+04		2.5E+04
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E-04	I							1.4E+09							1.0E+02			1.0E+02
Pentachlorobenzene	608-93-5					8.0E-04	I					1	0.1	1.4E+09							8.2E+02	1.2E+03		4.9E+02
Pentachloroethane	76-01-7	9.0E-02	P									1	0.1	1.4E+09			3.2E+01	4.8E+01		1.9E+01				
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I					1	0.1	1.4E+09			1.1E+01	1.7E+01		6.6E+00	3.1E+03	4.6E+03		1.8E+03
Pentachlorophenol	87-86-5	1.2E-01	I			3.0E-02	I					1	0.25	1.4E+09			2.4E+01	1.4E+01		9.0E+00	3.1E+04	1.9E+04		1.2E+04
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I					1		1.4E+09							7.2E+02			7.2E+02
Permethrin	52645-53-1					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Phenmedipham	13684-63-4					2.5E-01	I					1	0.1	1.4E+09							2.6E+05	3.9E+05		1.5E+05
Phenol	108-95-2					3.0E-01	I	2.0E-01	C			1	0.1	1.4E+09							3.1E+05	4.6E+05	1.2E+09	1.8E+05
Phenylenediamine, m-	108-45-2					6.0E-03	I					1	0.1	1.4E+09							6.1E+03	9.3E+03		3.7E+03
Phenylenediamine, o-	95-54-5	4.7E-02	H									1	0.1	1.4E+09			6.1E+01	9.2E+01		3.7E+01				
Phenylenediamine, p-	106-50-3					1.9E-01	H					1	0.1	1.4E+09							1.9E+05	2.9E+05		1.2E+05
Phenylphenol, 2-	90-43-7	1.9E-03	H									1	0.1	1.4E+09			1.5E+03	2.2E+03		8.9E+02				
Phorate	298-02-2					2.0E-04	H					1	0.1	1.4E+09							2.0E+02	3.1E+02		1.2E+02
Phosgene	75-44-5							3.0E-04	I	V		1		1.4E+09	1.3E+03	8.7E+04							1.7E+00	1.7E+00
Phosmet	732-11-6					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Phosphine	7803-51-2					3.0E-04	I	3.0E-04	I			1		1.4E+09							3.1E+02		1.8E+06	3.1E+02
Phosphoric Acid	7664-38-2							1.0E-02	I			1		1.4E+09									6.0E+07	6.0E+07
Phosphorus, White	7723-14-0					2.0E-05	I					1		1.4E+09							2.0E+01			2.0E+01
Phthalic Acid, P-	100-21-0					1.0E+00	H					1	0.1	1.4E+09							1.0E+06	1.5E+06		6.2E+05
Phthalic Anhydride	85-44-9					2.0E+00	I	2.0E-02	C			1	0.1	1.4E+09							2.0E+06	3.1E+06	1.2E+08	1.2E+06
Picloram	1918-02-1					7.0E-02	I					1	0.1	1.4E+09							7.2E+04	1.1E+05		4.3E+04
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-03	P					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Pirimiphos, Methyl	29232-93-7					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	1.4E+09			9.5E-02	1.4E-01	1.9E+03	5.7E-02	7.2E+00	1.1E+01		4.3E+00
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I			1	0.1	1.4E+09									3.6E+06	3.6E+06
Potassium Perchlorate	7778-74-7					7.0E-04	I					1		1.4E+09							7.2E+02			7.2E+02
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					1	0.1	1.4E+09			1.9E+01	2.9E+01		1.1E+01	9.2E+03	1.4E+04		5.5E+03
Profluralin	26399-36-0					6.0E-03	H					1	0.1	1.4E+09							6.1E+03	9.3E+03		3.7E+03
Prometon	1610-18-0					1.5E-02	I					1	0.1	1.4E+09							1.5E+04	2.3E+04		9.2E+03
Prometryn	7287-19-6					4.0E-03	I					1	0.1	1.4E+09							4.1E+03	6.2E+03		2.5E+03
Propachlor	1918-16-7					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
Propanil	709-98-8					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Propargite	2312-35-8					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Propargyl Alcohol	107-19-7					2.0E-03	I					1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03
Propazine	139-40-2					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Propham	122-42-9					2.0E-02	I					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Propiconazole	60207-90-1					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
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						A	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			V		1		1.4E+09	4.5E+04	3.0E+05					1.0E+03			1.0E+03
Polychlorinated Biphenyls (PCBs)																								
Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I					1	0.14	1.4E+09			4.1E+01	4.4E+01	8.3E+05	2.1E+01	7.2E+01	7.7E+01		3.7E+01
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I					V		1	0.14	1.4E+09	1.8E+05	3.0E+02	1.4E+00	1.5E+00	3.9E+00	6.2E-01				
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I					V		1	0.14	1.4E+09	1.8E+05	3.0E+02	1.4E+00	1.5E+00	3.9E+00	6.2E-01				
Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01				
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01				
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I					1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01	2.0E+01	2.2E+01		1.1E+01
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			1.4E+00	1.5E+00	2.9E+04	7.4E-01				
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	1.3E+01	W	3.8E-03	W							1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01				
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	1.3E+00	W	3.8E-04	W							1	0.14	1.4E+09			2.2E+00	2.4E+00	4.4E+04	1.1E+00				
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.9E+03	W	1.1E+00	W							1	0.14	1.4E+09			7.3E-04	7.9E-04	1.5E+01	3.8E-04				
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	3.9E+00	W	1.1E-03	W							1	0.14	1.4E+09			7.3E-01	7.9E-01	1.5E+04	3.8E-01				
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.3E+04	W	3.8E+00	W							1	0.14	1.4E+09			2.2E-04	2.4E-04	4.4E+00	1.1E-04				
Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C							1	0.1	1.4E+09			1.4E+00	2.2E+00	2.9E+04	8.6E-01				
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	W	3.8E-03	W							1	0.14	1.4E+09			2.2E-01	2.4E-01	4.4E+03	1.1E-01				
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	3.9E+01	W	1.1E-02	W							1	0.14	1.4E+09			7.3E-02	7.9E-02	1.5E+03	3.8E-02				
Polynuclear Aromatic Hydrocarbons (PAHs)																								
Acenaphthene	83-32-9					6.0E-02	I			V		1	0.13	1.4E+09	1.7E+05						6.1E+04	7.1E+04		3.3E+04
Anthracene	120-12-7					3.0E-01	I			V		1	0.13	1.4E+09	6.3E+05						3.1E+05	3.6E+05		1.7E+05
Benz[a]anthracene	56-55-3	7.3E-01	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00				
Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C						M	1	0.13	1.4E+09			3.9E-01	4.6E-01	1.5E+04	2.1E-01				
Benzo[b]fluoranthene	205-99-2	7.3E-01	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00				
Benzo[k]fluoranthene	207-08-9	7.3E-02	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+01	4.6E+01	1.5E+05	2.1E+01				
Chrysene	218-01-9	7.3E-03	*	1.1E-05	C						M	1	0.13	1.4E+09			3.9E+02	4.6E+02	1.5E+06	2.1E+02				
Dibenz[a,h]anthracene	53-70-3	7.3E+00	*	1.2E-03	C						M	1	0.13	1.4E+09			3.9E-01	4.6E-01	1.4E+04	2.1E-01				
Fluoranthene	206-44-0					4.0E-02	I					1	0.13	1.4E+09							4.1E+04	4.8E+04		2.2E+04
Fluorene	86-73-7					4.0E-02	I			V		1	0.13	1.4E+09	3.4E+05						4.1E+04	4.8E+04		2.2E+04
Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	*	1.1E-04	C						M	1	0.13	1.4E+09			3.9E+00	4.6E+00	1.5E+05	2.1E+00				
Methylnaphthalene, 1-	90-12-0	2.9E-02	P							V		1		1.4E+09	6.9E+04	4.6E+02	9.9E+01			9.9E+01				
Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V		1		1.4E+09	6.8E+04	4.4E+02					4.1E+03			4.1E+03
Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13	1.4E+09	5.4E+04				2.0E+01	2.0E+01	2.0E+04	2.4E+04	7.1E+02	6.7E+02
Pyrene	129-00-0					3.0E-02	I			V		1	0.13	1.4E+09	2.9E+06						3.1E+04	3.6E+04		1.7E+04
Quinalphos	13593-03-8					5.0E-04	I					1	0.1	1.4E+09							5.1E+02	7.7E+02		3.1E+02
Quinoline	91-22-5	3.0E+00	I									1	0.1	1.4E+09			9.5E-01	1.4E+00		5.7E-01				
Refractory Ceramic Fibers	NA							3.0E-02	A			1		1.4E+09									1.8E+08	1.8E+08
Resmethrin	10453-86-8					3.0E-02	I					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Ronnel	299-84-3					5.0E-02	H					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04
Rotenone	83-79-4					4.0E-03	I					1	0.1	1.4E+09							4.1E+03	6.2E+03		2.5E+03
Savey	78587-05-0					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
Selenious Acid	7783-00-8					5.0E-03	I					1		1.4E+09							5.1E+03			5.1E+03
Selenium	7782-49-2					5.0E-03	I					1		1.4E+09							5.1E+03			5.1E+03
Selenourea	630-10-4					5.0E-03	H					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Sethoxydim	74051-80-2					9.0E-02	I					1	0.1	1.4E+09							9.2E+04	1.4E+05		5.5E+04
Silver	7440-22-4					5.0E-03	I					0.04		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 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
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I					1	0.1	1.4E+09			1.2E+02	1.8E+02		7.2E+01	3.1E+04	4.6E+04		1.8E+04
Strontium, Stable	7440-24-6					6.0E-01	I					1		1.4E+09							6.1E+05			6.1E+05
Strychnine	57-24-9					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V		1		1.4E+09	1.1E+04	1.0E+03					2.0E+05		4.7E+04	3.8E+04
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Systhane	88671-89-0					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
TCMTB	21564-17-0					3.0E-02	H					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Tebuthiuron	34014-18-1					7.0E-02	I					1	0.1	1.4E+09							7.2E+04	1.1E+05		4.3E+04
Temephos	3383-96-8					2.0E-02	H					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Terbacil	5902-51-2					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
Terbufos	13071-79-9					2.5E-05	H					1	0.1	1.4E+09							2.6E+01	3.9E+01		1.5E+01
Terbutryn	886-50-0					1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		1.4E+09	6.5E+03	7.5E+02	1.1E+02		1.1E+01	9.8E+00	3.1E+04			3.1E+04
Tetrachloroethane, 1,1,2,2-	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

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 bsed on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H									1	0.1	1.4E+09			1.4E-01	2.2E-01		8.6E-02				
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I					1	0.1	1.4E+09							5.1E+02	7.7E+02		3.1E+02
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V		1		1.4E+09	1.4E+03	8.2E+02							4.7E+05	4.7E+05
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P					1	0.1	1.4E+09							4.1E+03	6.2E+03		2.5E+03
Thallium (I) Nitrate	10102-45-1					9.0E-05	I					1		1.4E+09							9.2E+01			9.2E+01
Thallium (Soluble Salts)	7440-28-0					6.5E-05	S					1		1.4E+09							6.6E+01			6.6E+01
Thallium Acetate	563-68-8					9.0E-05	I					1		1.4E+09							9.2E+01			9.2E+01
Thallium Carbonate	6533-73-9					8.0E-05	I					1		1.4E+09							8.2E+01			8.2E+01
Thallium Chloride	7791-12-0					8.0E-05	I					1		1.4E+09							8.2E+01			8.2E+01
Thallium Sulfate	7446-18-6					8.0E-05	I					1		1.4E+09							8.2E+01			8.2E+01
Thiobencarb	28249-77-6					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Thiofanox	39196-18-4					3.0E-04	H					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Thiophanate, Methyl	23564-05-8					8.0E-02	I					1	0.1	1.4E+09							8.2E+04	1.2E+05		4.9E+04
Thiram	137-26-8					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Tin	7440-31-5					6.0E-01	H					1		1.4E+09							6.1E+05			6.1E+05
Toluene	108-88-3					8.0E-02	I	5.0E+00	I	V		1		1.4E+09	4.9E+03	9.3E+02					8.2E+04		1.1E+05	4.6E+04
Toluene diisocyanate mixture (TDI)	26471-62-5							7.0E-05	I	V		1		1.4E+09	7.5E+05	2.1E+03							2.3E+02	2.3E+02
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C							1	0.1	1.4E+09			7.5E-01	1.1E+00	1.5E+04	4.5E-01				
Toluene-2,5-diamine	95-70-5					6.0E-01	H					1	0.1	1.4E+09							6.1E+05	9.3E+05		3.7E+05
Toluene-2,6-diamine	823-40-5					3.0E-02	P					1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C							1	0.1	1.4E+09			1.6E+01	2.4E+01	3.3E+05	9.6E+00				
Toluidine, p-	106-49-0	1.9E-01	H									1	0.1	1.4E+09			1.5E+01	2.3E+01		9.1E+00				
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I							1	0.1	1.4E+09			2.6E+00	3.9E+00	5.2E+04	1.6E+00				
Tralomethrin	66841-25-6					7.5E-03	I					1	0.1	1.4E+09							7.7E+03	1.2E+04		4.6E+03
Triallate	2303-17-5					1.3E-02	I					1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03
Triasulfuron	82097-50-5					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I					1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P					1	0.1	1.4E+09			3.1E+02	4.7E+02		1.9E+02	2.0E+05	3.1E+05		1.2E+05
Tributyltin Compounds	NA					3.0E-04	P					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Tributyltin Oxide	56-35-9					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.0E+01	I	3.0E+01	H	V		1		1.4E+09	1.4E+03	9.4E+02					3.1E+07		1.8E+05	1.8E+05
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H									1	0.1	1.4E+09			9.9E+01	1.5E+02		5.9E+01				
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H									1	0.1	1.4E+09			8.4E+01	1.3E+02		5.1E+01				
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C			1.0E-02	I	4.0E-03	P	V		1		1.4E+09	2.4E+04	2.2E+02	7.9E+02			7.9E+02	1.0E+04		4.1E+02	4.0E+02
Trichloroethane, 1,1,1-	71-55-6					2.0E+00	I	5.0E+00	I	V		1		1.4E+09	1.8E+03	6.8E+02					2.0E+06		4.0E+04	3.9E+04
Trichloroethane, 1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	4.0E-03	I			V		1		1.4E+09	8.1E+03	5.6E+02	5.0E+01		6.2E+00	5.5E+00	4.1E+03			4.1E+03
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C					V		1		1.4E+09	2.5E+03	7.5E+02	2.2E+02		1.5E+01	1.4E+01				
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V		1		1.4E+09	1.1E+03	1.3E+03					3.1E+05		3.5E+03	3.4E+03
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I					1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1	1.4E+09			2.6E+02	3.9E+02	5.4E+06	1.6E+02	1.0E+03	1.5E+03		6.2E+02
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1					8.0E-03	I					1	0.1	1.4E+09							8.2E+03	1.2E+04		4.9E+03
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I					1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V		1		1.4E+09	1.7E+04	1.4E+03					5.1E+03			5.1E+03
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	4.1E-01			4.1E-01	6.1E+03			6.1E+03
Trichloropropene, 1,2,3-	96-19-5					1.0E-02	P	1.0E-03	P	V		1		1.4E+09	2.6E+03	3.4E+02					1.0E+04		1.2E+01	1.2E+01
Tridiphane	58138-08-2					3.0E-03	I					1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03
Triethylamine	121-44-8							7.0E-03	I	V		1		1.4E+09	2.3E+04	5.5E+04							7.1E+02	7.1E+02
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I					1	0.1	1.4E+09			3.7E+02	5.6E+02		2.2E+02	7.7E+03	1.2E+04		4.6E+03
Trimethyl Phosphate	512-56-1	3.7E-02	H									1	0.1	1.4E+09			7.7E+01	1.2E+02		4.7E+01				
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V		1		1.4E+09	9.2E+03	2.5E+02							2.8E+02	2.8E+02
Trimethylbenzene, 1,3,5-	108-67-8					5.0E-02	P	6.0E-03	P	V		1		1.4E+09	7.7E+03	2.1E+02					5.1E+04		2.0E+02	2.0E+02
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I					1	0.019	1.4E+09							3.1E+04	2.4E+05		2.7E+04
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I					1	0.032	1.4E+09			9.5E+01	4.5E+02		7.9E+01	5.1E+02	2.4E+03		4.2E+02
Triphenylphosphine Oxide	791-28-6					2.0E-02	P					1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04
Tris(2-chloroethyl)phosphate	115-96-8	1.4E-02	P			3.0E-01	P					1	0.1	1.4E+09			2.0E+02	3.1E+02		1.2E+02	3.1E+05	4.6E+05		1.8E+05
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P					1	0.1	1.4E+09			8.9E+02	1.4E+03		5.4E+02	1.0E+05	1.5E+05		6.2E+04
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I							1.4E+09							1.0E+02			1.0E+02
Tri-n-butyltin	688-73-3					3.0E-04	A					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Uranium (Soluble Salts)	NA					3.0E-03	I					1		1.4E+09							3.1E+03			3.1E+03
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026		1.4E+09					2.0E+03	2.0E+03	9.2E+03		4.2E+04	7.5E+03
Vanadium Sulfate	36907-42-3					2.0E-02	H					0.026		1.4E+09							2.0E+04			2.0E+04
Vanadium and Compounds	NA					5.0E-03	S					1		1.4E+09							5.2E+03			5.2E+03
Vanadium, Metallic	7440-62-2					7.0E-03	H					0.026		1.4E+09							7.2E+03			7.2E+03
Vernolate	1929-77-7					1.0E-03	I					1	0.1	1.4E+09							1.0E+03	1.5E+03		6.2E+02

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	RAGS Part E GIABS	RAGS Part E ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	$(mg/kg\text{-}day)^{-1}$		$(ug/m^3)^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Vinclozolin	50471-44-8					2.5E-02	I					1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V		1		1.4E+09	4.8E+03	2.8E+03					1.0E+06		4.2E+03	4.2E+03
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V		1		1.4E+09	1.5E+03	1.7E+03			5.8E-01	5.8E-01			2.0E+01	2.0E+01
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		1.4E+09	1.0E+03	4.0E+03	4.0E+00		2.9E+00	1.7E+00	3.1E+03		4.6E+02	4.0E+02
Warfarin	81-81-2					3.0E-04	I					1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V		1		1.4E+09	5.9E+03	3.0E+02					2.0E+05		2.6E+03	2.6E+03
Xylene, P-	106-42-3							7.0E-01	C	V		1		1.4E+09	6.4E+03	4.5E+02							2.0E+04	2.0E+04
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V		1		1.4E+09	6.3E+03	4.4E+02					2.0E+06		1.9E+04	1.9E+04
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V		1		1.4E+09	7.4E+03	3.0E+02					2.0E+06		2.3E+04	2.3E+04
Zinc (Metallic)	7440-66-6					3.0E-01	I					1		1.4E+09							3.1E+05			3.1E+05
Zinc Phosphide	1314-84-7					3.0E-04	I					1		1.4E+09							3.1E+02			3.1E+02
Zineb	12122-67-7					5.0E-02	I					1	0.1	1.4E+09							5.1E+04	7.7E+04		3.1E+04

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Acephate	30560-19-1								
Acetaldehyde	75-07-0	2.2E-06	I	9.0E-03	I	V		1.1E+00	9.4E+00
Acetochlor	34256-82-1								
Acetone	67-64-1			3.1E+01	A	V			3.2E+04
Acetone Cyanohydrin	75-86-5			6.0E-02	P	V			6.3E+01
Acetonitrile	75-05-8			6.0E-02	I	V			6.3E+01
Acetophenone	98-86-2					V			
Acrolein	107-02-8			2.0E-05	I	V			2.1E-02
Acrylamide	79-06-1	1.3E-03	I					1.9E-03	
Acrylic Acid	79-10-7			1.0E-03	I				1.0E+00
Acrylonitrile	107-13-1	6.8E-05	I	2.0E-03	I	V		3.6E-02	2.1E+00
Adiponitrile	111-69-3			6.0E-03	P				6.3E+00
Alachlor	15972-60-8								
ALAR	1596-84-5								
Aldicarb	116-06-3								
Aldicarb Sulfone	1646-88-4								
Aldrin	309-00-2	4.9E-03	I					5.0E-04	
Ally	74223-64-6								
Allyl Alcohol	107-18-6			3.0E-04	P				3.1E-01
Allyl Chloride	107-05-1			1.0E-03	I	V			1.0E+00
Aluminum	7429-90-5			5.0E-03	P				5.2E+00
Aluminum Phosphide	20859-73-8								
Amdro	67485-29-4								
Ametryn	834-12-8								
Aminophenol, m-	591-27-5								
Aminophenol, p-	123-30-8								
Amitraz	33089-61-1								
Ammonia	7664-41-7			1.0E-01	I				1.0E+02
Ammonium Perchlorate	7790-98-9								
Ammonium Sulfamate	7773-06-0								
Aniline	62-53-3			1.0E-03	I				1.0E+00
Antimony (metallic)	7440-36-0								
Antimony Pentoxide	1314-60-9								
Antimony Potassium Tartrate	11071-15-1								
Antimony Tetroxide	1332-81-6								
Antimony Trioxide	1309-64-4			2.0E-04	I				2.1E-01
Apollo	74115-24-5								
Aramite	140-57-8	7.1E-06	I					3.4E-01	
Arsenic, Inorganic	7440-38-2	4.3E-03	I	3.0E-05	C			5.7E-04	3.1E-02
Arsine	7784-42-1			5.0E-05	I				5.2E-02
Assure	76578-14-8								
Asulam	3337-71-1								
Atrazine	1912-24-9								
Avermectin B1	65195-55-3								
Azobenzene	103-33-3	3.1E-05	I			V		7.8E-02	
Barium	7440-39-3			5.0E-04	H				5.2E-01

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Baygon	114-26-1								
Bayleton	43121-43-3								
Baythroid	68359-37-5								
Benefin	1861-40-1								
Benomyl	17804-35-2								
Bentazon	25057-89-0								
Benzaldehyde	100-52-7					V			
Benzene	71-43-2	7.8E-06	I	3.0E-02	I	V		3.1E-01	3.1E+01
Benzenethiol	108-98-5					V			
Benzidine	92-87-5	6.7E-02	I				M	1.4E-05	
Benzoic Acid	65-85-0								
Benzotrichloride	98-07-7					V			
Benzyl Alcohol	100-51-6								
Benzyl Chloride	100-44-7			1.0E-03	P	V			1.0E+00
Beryllium and compounds	7440-41-7	2.4E-03	I	2.0E-05	I			1.0E-03	2.1E-02
Bidrin	141-66-2								
Bifenox	42576-02-3								
Biphenthrin	82657-04-3								
Biphenyl, 1,1'-	92-52-4					V			
Bis(2-chloroethoxy)methane	111-91-1								
Bis(2-chloroethyl)ether	111-44-4	3.3E-04	I			V		7.4E-03	
Bis(2-chloro-1-methylethyl) ether	108-60-1	1.0E-05	H			V		2.4E-01	
Bis(2-ethylhexyl)phthalate	117-81-7								
Bis(chloromethyl)ether	542-88-1	6.2E-02	I			V		3.9E-05	
Bisphenol A	80-05-7								
Boron And Borates Only	7440-42-8			2.0E-02	H				2.1E+01
Boron Trifluoride	7637-07-2			7.0E-04	H				7.3E-01
Bromate	15541-45-4								
Bromobenzene	108-86-1			1.0E-02	P	V			1.0E+01
Bromodichloromethane	75-27-4					V			
Bromoform	75-25-2	1.1E-06	I					2.2E+00	
Bromomethane	74-83-9			5.0E-03	I	V			5.2E+00
Bromophos	2104-96-3								
Bromoxynil	1689-84-5								
Bromoxynil Octanoate	1689-99-2								
Butadiene, 1,3-	106-99-0	3.0E-05	I	2.0E-03	I	V		8.1E-02	2.1E+00
Butanol, N-	71-36-3								
Butyl Benzyl Phthlate	85-68-7								
Butylate	2008-41-5								
Butylphthalyl Butylglycolate	85-70-1								
Cacodylic Acid	75-60-5								
Cadmium (Water)	7440-43-9	1.8E-03	I					1.4E-03	
Caprolactam	105-60-2								
Captafol	2425-06-1	4.3E-05	C					5.7E-02	
Captan	133-06-2	6.6E-07	C					3.7E+00	
Carbaryl	63-25-2								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Carbofuran	1563-66-2								
Carbon Disulfide	75-15-0			7.0E-01	I	V			7.3E+02
Carbon Tetrachloride	56-23-5	1.5E-05	I	1.9E-01	A	V		1.6E-01	2.0E+02
Carbosulfan	55285-14-8								
Carboxin	5234-68-4								
Chloral Hydrate	302-17-0								
Chloramben	133-90-4								
Chloranil	118-75-2								
Chlordane	12789-03-6	1.0E-04	I	7.0E-04	I			2.4E-02	7.3E-01
Chlordecone (Kepone)	143-50-0	4.6E-03	C					5.3E-04	
Chlorimuron, Ethyl-	90982-32-4								
Chlorine	7782-50-5			1.5E-04	A				1.5E-01
Chlorine Dioxide	10049-04-4			2.0E-04	I				2.1E-01
Chlorite (Sodium Salt)	7758-19-2								
Chloro-1,1-difluoroethane, 1-	75-68-3			5.0E+01	I	V			5.2E+04
Chloro-1,3-butadiene, 2-	126-99-8			7.0E-03	H	V			7.3E+00
Chloro-2-methylaniline HCl, 4-	3165-93-3								
Chloro-2-methylaniline, 4-	95-69-2	7.7E-05	C					3.2E-02	
Chloroacetic Acid	79-11-8								
Chloroacetophenone, 2-	532-27-4			3.0E-05	I				3.1E-02
Chloroaniline, p-	106-47-8								
Chlorobenzene	108-90-7			5.0E-02	P	V			5.2E+01
Chlorobenzilate	510-15-6	3.1E-05	C					7.8E-02	
Chlorobenzotrifluoride, 4-	98-56-6			3.0E-01	P	V			3.1E+02
Chlorobutane, 1-	109-69-3					V			
Chlorodifluoromethane	75-45-6			5.0E+01	I	V			5.2E+04
Chloroform	67-66-3	2.3E-05	I	9.8E-02	A	V		1.1E-01	1.0E+02
Chloromethane	74-87-3	1.8E-06	H	9.0E-02	I	V		1.4E+00	9.4E+01
Chloronaphthalene, Beta-	91-58-7					V			
Chloronitrobenzene, o-	88-73-3			7.0E-05	P				7.3E-02
Chloronitrobenzene, p-	100-00-5			6.0E-04	P				6.3E-01
Chlorophenol, 2-	95-57-8					V			
Chlorothalonil	1897-45-6	8.9E-07	C					2.7E+00	
Chlorotoluene, o-	95-49-8					V			
Chlorpropham	101-21-3								
Chlorpyrifos	2921-88-2								
Chlorpyrifos Methyl	5598-13-0								
Chlorsulfuron	64902-72-3								
Chlorthiophos	60238-56-4								
Chromium (III) (Insoluble Salts)	16065-83-1								
Chromium VI (chromic acid mists)	18540-29-9	8.4E-02	I	8.0E-06	I			2.9E-05	8.3E-03
Chromium VI (particulates)	18540-29-9	8.4E-02	I	1.0E-04	I			2.9E-05	1.0E-01
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3	1.2E-02	I				M	2.0E-04	
Cobalt	7440-48-4	9.0E-03	P	6.0E-06	P			2.7E-04	6.3E-03
Coke Oven Emissions	8007-45-2	6.2E-04	I				M	1.5E-03	
Copper	7440-50-8								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Cresol, m-	108-39-4								
Cresol, o-	95-48-7								
Cresol, p-	106-44-5								
Crotonaldehyde, trans-	123-73-9					V			
Cumene	98-82-8			4.0E-01	I	V			4.2E+02
Cyanazine	21725-46-2								
Cyclohexane	110-82-7			6.0E+00	I	V			6.3E+03
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3								
Cyclohexanone	108-94-1								
Cyclohexylamine	108-91-8								
Cyhalothrin/karate	68085-85-8								
Cypermethrin	52315-07-8								
Cyromazine	66215-27-8								
Cyanides									
Calcium Cyanide	592-01-8								
Copper Cyanide	544-92-3								
Cyanide (CN-)	57-12-5								
Cyanogen	460-19-5					V			
Cyanogen Bromide	506-68-3					V			
Cyanogen Chloride	506-77-4					V			
Hydrogen Cyanide	74-90-8			3.0E-03	I	V			3.1E+00
Potassium Cyanide	151-50-8								
Potassium Silver Cyanide	506-61-6								
Silver Cyanide	506-64-9								
Sodium Cyanide	143-33-9								
Thiocyanate	463-56-9					V			
Zinc Cyanide	557-21-1								
Dacthal	1861-32-1								
Dalapon	75-99-0								
DDD	72-54-8								
DDE, p,p'-	72-55-9								
DDT	50-29-3	9.7E-05	I					2.5E-02	
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5								
Demeton	8065-48-3								
Di(2-ethylhexyl)adipate	103-23-1								
Diallate	2303-16-4								
Diazinon	333-41-5								
Dibromo-3-chloropropane, 1,2-	96-12-8	6.0E-03	P	2.0E-04	I	V	M	1.6E-04	2.1E-01
Dibromobenzene, 1,4-	106-37-6								
Dibromochloromethane	124-48-1					V			
Dibromoethane, 1,2-	106-93-4	6.0E-04	I	9.0E-03	I	V		4.1E-03	9.4E+00
Dibromomethane (Methylene Bromide)	74-95-3					V			
Dibutyl Phthalate	84-74-2								
Dibutyltin Compounds	NA								
Dicamba	1918-00-9								
Dichloro-2-butene, 1,4-	764-41-0	2.6E-03	H			V		9.4E-04	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Dichloroacetic Acid	79-43-6								
Dichlorobenzene, 1,2-	95-50-1			2.0E-01	H	V			2.1E+02
Dichlorobenzene, 1,4-	106-46-7	1.1E-05	C	8.0E-01	I	V		2.2E-01	8.3E+02
Dichlorobenzidine, 3,3'-	91-94-1								
Dichlorodifluoromethane	75-71-8			2.0E-01	H	V			2.1E+02
Dichloroethane, 1,1-	75-34-3	1.6E-06	C			V		1.5E+00	
Dichloroethane, 1,2-	107-06-2	2.6E-05	I	2.4E+00	A	V		9.4E-02	2.5E+03
Dichloroethylene, 1,1-	75-35-4			2.0E-01	I	V			2.1E+02
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					V			
Dichloroethylene, 1,2-cis-	156-59-2					V			
Dichloroethylene, 1,2-trans-	156-60-5			6.0E-02	P	V			6.3E+01
Dichlorophenol, 2,4-	120-83-2								
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7								
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6								
Dichloropropane, 1,2-	78-87-5	1.0E-05	C	4.0E-03	I	V		2.4E-01	4.2E+00
Dichloropropane, 1,3-	142-28-9					V			
Dichloropropanol, 2,3-	616-23-9								
Dichloropropene, 1,3-	542-75-6	4.0E-06	I	2.0E-02	I	V		6.1E-01	2.1E+01
Dichlorvos	62-73-7			5.0E-04	I				5.2E-01
Dicyclopentadiene	77-73-6			7.0E-03	P	V			7.3E+00
Dieldrin	60-57-1	4.6E-03	I					5.3E-04	
Diesel Engine Exhaust	NA			5.0E-03	I				5.2E+00
Diethyl Phthalate	84-66-2								
Diethylene Glycol Monobutyl Ether	112-34-5			2.0E-02	P				2.1E+01
Diethylene Glycol Monoethyl Ether	111-90-0			3.0E-03	P				3.1E+00
Diethylformamide	617-84-5								
Diethylstilbestrol	56-53-1	1.0E-01	C					2.4E-05	
Difenzoquat	43222-48-6								
Diflubenzuron	35367-38-5								
Difluoroethane, 1,1-	75-37-6			4.0E+01	I	V			4.2E+04
Diisopropyl Ether	108-20-3			4.0E-01	P	V			4.2E+02
Diisopropyl Methylphosphonate	1445-75-6					V			
Dimethipin	55290-64-7								
Dimethoate	60-51-5								
Dimethoxybenzidine, 3,3'-	119-90-4								
Dimethyl methylphosphonate	756-79-6								
Dimethylaniline HCl, 2,4-	21436-96-4								
Dimethylaniline, 2,4-	95-68-1								
Dimethylaniline, N,N-	121-69-7					V			
Dimethylbenzidine, 3,3'-	119-93-7								
Dimethylformamide	68-12-2			3.0E-02	I				3.1E+01
Dimethylphenol, 2,4-	105-67-9								
Dimethylphenol, 2,6-	576-26-1								
Dimethylphenol, 3,4-	95-65-8								
Dimethylterephthalate	120-61-6					V			
Dinitro-o-cresol, 4,6-	534-52-1								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5								
Dinitrobenzene, 1,2-	528-29-0								
Dinitrobenzene, 1,3-	99-65-0								
Dinitrobenzene, 1,4-	100-25-4								
Dinitrophenol, 2,4-	51-28-5								
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6								
Dinitrotoluene, 2,4-	121-14-2								
Dinitrotoluene, 2,6-	606-20-2								
Dinitrotoluene, 2-Amino-4,6-	35572-78-2								
Dinitrotoluene, 4-Amino-2,6-	19406-51-0								
Dinoseb	88-85-7								
Dioxane, 1,4-	123-91-1			3.6E+00	A				3.8E+03
Diphenamid	957-51-7								
Diphenyl Sulfone	127-63-9								
Diphenylamine	122-39-4								
Diphenylhydrazine, 1,2-	122-66-7	2.2E-04	I					1.1E-02	
Diquat	85-00-7								
Direct Black 38	1937-37-7	2.1E-03	C					1.2E-03	
Direct Blue 6	2602-46-2	2.1E-03	C					1.2E-03	
Direct Brown 95	16071-86-6	1.9E-03	C					1.3E-03	
Disulfoton	298-04-4								
Dithiane, 1,4-	505-29-3								
Diuron	330-54-1								
Dodine	2439-10-3								
Dioxins									
Hexachlorodibenzo-p-dioxin	34465-46-8	3.8E+00	W					6.4E-07	
Hexachlorodibenzo-p-dioxin, Mixture	NA	1.3E+00	I					1.9E-06	
HpCDD, 2,3,7,8-	37871-00-4	3.8E-01	W					6.4E-06	
OCDD	3268-87-9	1.1E-02	W					2.1E-04	
PeCDD, 2,3,7,8-	36088-22-9	3.8E+01	W					6.4E-08	
TCDD, 2,3,7,8-	1746-01-6	3.8E+01	C					6.4E-08	
Endosulfan	115-29-7								
Endothall	145-73-3								
Endrin	72-20-8								
Epichlorohydrin	106-89-8	1.2E-06	I	1.0E-03	I	V		2.0E+00	1.0E+00
Epoxybutane, 1,2-	106-88-7			2.0E-02	I	V			2.1E+01
EPTC	759-94-4					V			
Ethephon	16672-87-0								
Ethion	563-12-2								
Ethoxyethanol Acetate, 2-	111-15-9								
Ethoxyethanol, 2-	110-80-5			2.0E-01	I				2.1E+02
Ethyl Acetate	141-78-6					V			
Ethyl Acrylate	140-88-5					V			
Ethyl Chloride	75-00-3			1.0E+01	I	V			1.0E+04
Ethyl Ether	60-29-7					V			
Ethyl Methacrylate	97-63-2					V			

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Ethyl-p-nitrophenyl Phosphonate	2104-64-5								
Ethylbenzene	100-41-4	2.5E-06	C	1.0E+00	I	V		9.7E-01	1.0E+03
Ethylene Cyanohydrin	109-78-4								
Ethylene Diamine	107-15-3								
Ethylene Glycol	107-21-1			4.0E-01	C				4.2E+02
Ethylene Glycol Monobutyl Ether	111-76-2			1.3E+01	I				1.4E+04
Ethylene Oxide	75-21-8	8.8E-05	C			V		2.8E-02	
Ethylene Thiourea	96-45-7	1.3E-05	C					1.9E-01	
Ethylphthalyl Ethyl Glycolate	84-72-0								
Express	101200-48-0								
Fenamiphos	22224-92-6								
Fenpropathrin	39515-41-8								
Fluometuron	2164-17-2								
Fluorine (Soluble Fluoride)	7782-41-4								
Fluridone	59756-60-4								
Flurprimidol	56425-91-3								
Flutolanil	66332-96-5								
Fluvalinate	69409-94-5								
Folpet	133-07-3								
Fomesafen	72178-02-0								
Fonofos	944-22-9								
Formaldehyde	50-00-0	1.3E-05	I	9.8E-03	A			1.9E-01	1.0E+01
Formic Acid	64-18-6			3.0E-03	P				3.1E+00
Fosetyl-AL	39148-24-8								
Furazolidone	67-45-8								
Furfural	98-01-1			5.0E-02	H				5.2E+01
Furium	531-82-8	4.3E-04	C					5.7E-03	
Furmecyclox	60568-05-0								
Furans									
Furan	110-00-9					V			
HpCDF, 2,3,7,8-	38998-75-3	3.8E-01	W					6.4E-06	
HxCDF, 2,3,7,8-	55684-94-1	3.8E+00	W					6.4E-07	
OCDF	39001-02-0	1.1E-02	W					2.1E-04	
PeCDF, 1,2,3,7,8-	57117-41-6	1.1E+00	W					2.1E-06	
PeCDF, 2,3,4,7,8-	57117-31-4	1.1E+01	W					2.1E-07	
TCDF, 2,3,7,8-	51207-31-9	3.8E+00	W					6.4E-07	
Glufosinate, Ammonium	77182-82-2								
Glycidyl	765-34-4			1.0E-03	H				1.0E+00
Glyphosate	1071-83-6								
Goal	42874-03-3								
Haloxyfop, Methyl	69806-40-2								
Harmony	79277-27-3								
Heptachlor	76-44-8	1.3E-03	I					1.9E-03	
Heptachlor Epoxide	1024-57-3	2.6E-03	I					9.4E-04	
Hexabromobenzene	87-82-1								
Hexachlorobenzene	118-74-1	4.6E-04	I					5.3E-03	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Hexachlorobutadiene	87-68-3	2.2E-05	I					1.1E-01	
Hexachlorocyclohexane, Alpha-	319-84-6	1.8E-03	I					1.4E-03	
Hexachlorocyclohexane, Beta-	319-85-7	5.3E-04	I					4.6E-03	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	3.1E-04	C					7.8E-03	
Hexachlorocyclohexane, Technical	608-73-1	5.1E-04	I					4.8E-03	
Hexachlorocyclopentadiene	77-47-4			2.0E-04	I				2.1E-01
Hexachloroethane	67-72-1	4.0E-06	I					6.1E-01	
Hexachlorophene	70-30-4								
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4								
Hexamethylene Diisocyanate, 1,6-	822-06-0			1.0E-05	I	V			1.0E-02
Hexane, N-	110-54-3			7.0E-01	I	V			7.3E+02
Hexanedioic Acid	124-04-9								
Hexazinone	51235-04-2								
Hydrazine	302-01-2	4.9E-03	I	2.0E-04	C			5.0E-04	2.1E-01
Hydrazine Sulfate	10034-93-2	4.9E-03	I					5.0E-04	
Hydrogen Chloride	7647-01-0			2.0E-02	I				2.1E+01
Hydrogen Sulfide	7783-06-4			2.0E-03	I				2.1E+00
Hydroquinone	123-31-9								
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2								
Imazalil	35554-44-0								
Imazaquin	81335-37-7								
Iprodione	36734-19-7								
Iron	7439-89-6								
Isobutyl Alcohol	78-83-1					V			
Isophorone	78-59-1			2.0E+00	C				2.1E+03
Isopropalin	33820-53-0								
Isopropyl Methyl Phosphonic Acid	1832-54-8								
Isoxaben	82558-50-7								
Kerb	23950-58-5								
Lactofen	77501-63-4								
Linuron	330-55-2								
Lithium	7439-93-2								
Lithium Perchlorate	7791-03-9								
Londax	83055-99-6								
Lead Compounds									
Lead and Compounds	7439-92-1								
Tetraethyl Lead	78-00-2								
Malathion	121-75-5								
Maleic Anhydride	108-31-6			7.0E-04	C				7.3E-01
Maleic Hydrazide	123-33-1								
Malononitrile	109-77-3								
Mancozeb	8018-01-7								
Maneb	12427-38-2								
Manganese (Water)	7439-96-5			5.0E-05	I				5.2E-02
MCPA	94-74-6								
MCPB	94-81-5								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
MCPP	93-65-2								
Mephosfolan	950-10-7								
Mepiquat Chloride	24307-26-4								
Merphos	150-50-5								
Merphos Oxide	78-48-8								
Metalaxyl	57837-19-1								
Methacrylonitrile	126-98-7			7.0E-04	H	V			7.3E-01
Methamidophos	10265-92-6								
Methanol	67-56-1			4.0E+00	C				4.2E+03
Methidathion	950-37-8								
Methomyl	16752-77-5								
Methoxy-5-nitroaniline, 2-	99-59-2	1.4E-05	C					1.7E-01	
Methoxychlor	72-43-5								
Methoxyethanol Acetate, 2-	110-49-6								
Methoxyethanol, 2-	109-86-4			2.0E-02	I				2.1E+01
Methyl Acetate	79-20-9					V			
Methyl Acrylate	96-33-3					V			
Methyl Ethyl Ketone (2-Butanone)	78-93-3			5.0E+00	I	V			5.2E+03
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			3.0E+00	I	V			3.1E+03
Methyl Methacrylate	80-62-6			7.0E-01	I	V			7.3E+02
Methyl Parathion	298-00-0								
Methyl Styrene (Mixed Isomers)	25013-15-4			4.0E-02	H	V			4.2E+01
Methyl tert-Butyl Ether (MTBE)	1634-04-4	2.6E-07	C	3.0E+00	I	V		9.4E+00	3.1E+03
Methyl-5-Nitroaniline, 2-	99-55-8								
Methylaniline Hydrochloride, 2-	636-21-5	3.7E-05	C					6.6E-02	
Methylarsonic acid	124-58-3				A				
Methylene Chloride	75-09-2	4.7E-07	I	1.1E+00	A	V		5.2E+00	1.1E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	4.3E-04	C				M	2.2E-03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1								
Methylenebisbenzenamine, 4,4'-	101-77-9	4.6E-04	C					5.3E-03	
Methylenediphenyl Diisocyanate	101-68-8			6.0E-04	I				6.3E-01
Methylstyrene, Alpha-	98-83-9					V			
Metolachlor	51218-45-2								
Metribuzin	21087-64-9								
Mirex	2385-85-5	5.1E-03	C					4.8E-04	
Molinate	2212-67-1								
Molybdenum	7439-98-7								
Monochloramine	10599-90-3								
Monomethylaniline	100-61-8								
Mercury Compounds									
Mercuric Chloride	7487-94-7								
Mercuric Sulfide	1344-48-5								
Mercury (elemental)	7439-97-6			3.0E-04	I	V			3.1E-01
Mercury, Inorganic Salts	NA								
Methyl Mercury	22967-92-6								
Phenylmercuric Acetate	62-38-4								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
N,N'-Diphenyl-1,4-benzenediamine	74-31-7								
Naled	300-76-5								
Napropamide	15299-99-7								
Nickel Refinery Dust	NA	2.4E-04	I					1.0E-02	
Nickel Soluble Salts	7440-02-0								
Nickel Subsulfide	12035-72-2	4.8E-04	I					5.1E-03	
Nitrate	14797-55-8								
Nitrite	14797-65-0								
Nitroaniline, 3-	99-09-2			1.0E-03	P				1.0E+00
Nitroaniline, 4-	100-01-6			4.0E-03	P				4.2E+00
Nitrobenzene	98-95-3			2.0E-03	H	V			2.1E+00
Nitrofurantoin	67-20-9								
Nitrofurazone	59-87-0	3.7E-04	C					6.6E-03	
Nitroglycerin	55-63-0								
Nitroguanidine	556-88-7								
Nitromethane	75-52-5	9.0E-06	P	2.0E-02	P	V		2.7E-01	2.1E+01
Nitropropane, 2-	79-46-9	2.7E-03	H	2.0E-02	I	V		9.0E-04	2.1E+01
Nitroso-di-N-butylamine, N-	924-16-3	1.6E-03	I			V		1.5E-03	
Nitroso-di-N-propylamine, N-	621-64-7								
Nitroso-N-ethylurea, N-	759-73-9	7.7E-03	C				M	1.2E-04	
Nitrosodiethanolamine, N-	1116-54-7								
Nitrosodiethylamine, N-	55-18-5	4.3E-02	I				M	2.2E-05	
Nitrosodimethylamine, N-	62-75-9	1.4E-02	I				M	6.9E-05	
Nitrosodiphenylamine, N-	86-30-6								
Nitrosomethylethylamine, N-	10595-95-6								
Nitrosopyrrolidine, N-	930-55-2	6.1E-04	I					4.0E-03	
Nitrotoluene, m-	99-08-1								
Nitrotoluene, o-	88-72-2					V			
Nitrotoluene, p-	99-99-0								
Norflurazon	27314-13-2								
Nustar	85509-19-9								
Octabromodiphenyl Ether	32536-52-0								
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0								
Octamethylpyrophosphoramide	152-16-9								
Oryzalin	19044-88-3								
Oxadiazon	19666-30-9								
Oxamyl	23135-22-0								
Paclobutrazol	76738-62-0								
Paraquat Dichloride	1910-42-5								
Parathion	56-38-2								
Pebulate	1114-71-2								
Pendimethalin	40487-42-1								
Pentabromodiphenyl Ether	32534-81-9								
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9								
Pentachlorobenzene	608-93-5								
Pentachloroethane	76-01-7								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Pentachloronitrobenzene	82-68-8								
Pentachlorophenol	87-86-5								
Perchlorate and Perchlorate Salts	14797-73-0								
Permethrin	52645-53-1								
Phenmedipham	13684-63-4								
Phenol	108-95-2			2.0E-01	C				2.1E+02
Phenylenediamine, m-	108-45-2								
Phenylenediamine, o-	95-54-5								
Phenylenediamine, p-	106-50-3								
Phenylphenol, 2-	90-43-7								
Phorate	298-02-2								
Phosgene	75-44-5			3.0E-04	I	V			3.1E-01
Phosmet	732-11-6								
Phosphine	7803-51-2			3.0E-04	I				3.1E-01
Phosphoric Acid	7664-38-2			1.0E-02	I				1.0E+01
Phosphorus, White	7723-14-0								
Phthalic Acid, P-	100-21-0								
Phthalic Anhydride	85-44-9			2.0E-02	C				2.1E+01
Picloram	1918-02-1								
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3								
Pirimiphos, Methyl	29232-93-7								
Polybrominated Biphenyls	59536-65-1	8.6E-03	C					2.8E-04	
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9			6.0E-04	I				6.3E-01
Potassium Perchlorate	7778-74-7								
Prochloraz	67747-09-5								
Profluralin	26399-36-0								
Prometon	1610-18-0								
Prometryn	7287-19-6								
Propachlor	1918-16-7								
Propanil	709-98-8								
Propargite	2312-35-8								
Propargyl Alcohol	107-19-7								
Propazine	139-40-2								
Propham	122-42-9								
Propiconazole	60207-90-1								
Propylene Glycol	57-55-6								
Propylene Glycol Dinitrate	6423-43-4			2.7E-04	A	V			2.8E-01
Propylene Glycol Monoethyl Ether	1569-02-4								
Propylene Glycol Monomethyl Ether	107-98-2			2.0E+00	I				2.1E+03
Propylene Oxide	75-56-9	3.7E-06	I	3.0E-02	I	V		6.6E-01	3.1E+01
Pursuit	81335-77-5								
Pydrin	51630-58-1								
Pyridine	110-86-1					V			
Polychlorinated Biphenyls (PCBs)									
Aroclor 1016	12674-11-2	2.0E-05	I					1.2E-01	
Aroclor 1221	11104-28-2	5.7E-04	I			V		4.3E-03	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Aroclor 1232	11141-16-5	5.7E-04	I			V		4.3E-03	
Aroclor 1242	53469-21-9	5.7E-04	I					4.3E-03	
Aroclor 1248	12672-29-6	5.7E-04	I					4.3E-03	
Aroclor 1254	11097-69-1	5.7E-04	I					4.3E-03	
Aroclor 1260	11096-82-5	5.7E-04	I					4.3E-03	
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	3.8E-03	W					6.4E-04	
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	3.8E-04	W					6.4E-03	
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-03	W					2.1E-03	
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-03	W					2.1E-03	
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-03	W					2.1E-03	
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.1E-03	W					2.1E-03	
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E+00	W					2.1E-06	
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.1E-03	W					2.1E-03	
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-03	W					2.1E-03	
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-03	W					2.1E-03	
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-03	W					2.1E-03	
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.8E+00	W					6.4E-07	
Polychlorinated Biphenyls (high risk)	1336-36-3	5.7E-04	C					4.3E-03	
Polychlorinated Biphenyls (low risk)	1336-36-3	1.0E-04	I					2.4E-02	
Polychlorinated Biphenyls (lowest risk)	1336-36-3								
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-03	W					6.4E-04	
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-02	W					2.1E-04	
Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	83-32-9					V			
Anthracene	120-12-7					V			
Benz[a]anthracene	56-55-3	1.1E-04	C				M	8.7E-03	
Benzo[a]pyrene	50-32-8	1.1E-03	C				M	8.7E-04	
Benzo[b]fluoranthene	205-99-2	1.1E-04	C				M	8.7E-03	
Benzo[k]fluoranthene	207-08-9	1.1E-04	C				M	8.7E-03	
Chrysene	218-01-9	1.1E-05	C				M	8.7E-02	
Dibenz[a,h]anthracene	53-70-3	1.2E-03	C				M	8.0E-04	
Fluoranthene	206-44-0								
Fluorene	86-73-7					V			
Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-04	C				M	8.7E-03	
Methylnaphthalene, 1-	90-12-0					V			
Methylnaphthalene, 2-	91-57-6					V			
Naphthalene	91-20-3	3.4E-05	C	3.0E-03	I	V		7.2E-02	3.1E+00
Pyrene	129-00-0					V			
Quinalphos	13593-03-8								
Quinoline	91-22-5								
Refractory Ceramic Fibers	NA			3.0E-02	A				3.1E+01
Resmethrin	10453-86-8								
Ronnel	299-84-3								
Rotenone	83-79-4								
Savey	78587-05-0								
Selenious Acid	7783-00-8								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Selenium	7782-49-2								
Selenourea	630-10-4								
Sethoxydim	74051-80-2								
Silver	7440-22-4								
Simazine	122-34-9								
Sodium Acifluorfen	62476-59-9								
Sodium Azide	26628-22-8								
Sodium Diethyldithiocarbamate	148-18-5								
Sodium Fluoroacetate	62-74-8								
Sodium Metavanadate	13718-26-8								
Sodium Perchlorate	7601-89-0								
Stirofos (Tetrachlorovinphos)	961-11-5								
Strontium, Stable	7440-24-6								
Strychnine	57-24-9								
Styrene	100-42-5			1.0E+00	I	V			1.0E+03
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9								
Systhane	88671-89-0								
TCMTB	21564-17-0								
Tebuthiuron	34014-18-1								
Temephos	3383-96-8								
Terbacil	5902-51-2								
Terbufos	13071-79-9								
Terbutryn	886-50-0								
Tetrachlorobenzene, 1,2,4,5-	95-94-3								
Tetrachloroethane, 1,1,1,2-	630-20-6	7.4E-06	I			V		3.3E-01	
Tetrachloroethane, 1,1,2,2-	79-34-5	5.8E-05	I			V		4.2E-02	
Tetrachloroethylene	127-18-4	5.9E-06	C	2.7E-01	A	V		4.1E-01	2.8E+02
Tetrachlorophenol, 2,3,4,6-	58-90-2								
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1								
Tetraethyl Dithiopyrophosphate	3689-24-5								
Tetrafluoroethane, 1,1,1,2-	811-97-2			8.0E+01	I	V			8.3E+04
Tetryl (Trinitrophenylmethylnitramine)	479-45-8								
Thallium (I) Nitrate	10102-45-1								
Thallium (Soluble Salts)	7440-28-0								
Thallium Acetate	563-68-8								
Thallium Carbonate	6533-73-9								
Thallium Chloride	7791-12-0								
Thallium Sulfate	7446-18-6								
Thiobencarb	28249-77-6								
Thiofanox	39196-18-4								
Thiophanate, Methyl	23564-05-8								
Thiram	137-26-8								
Tin	7440-31-5								
Toluene	108-88-3			5.0E+00	I	V			5.2E+03
Toluene diisocyanate mixture (TDI)	26471-62-5			7.0E-05	I	V			7.3E-02
Toluene-2,4-diamine	95-80-7	1.1E-03	C					2.2E-03	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Toluene-2,5-diamine	95-70-5								
Toluene-2,6-diamine	823-40-5								
Toluidine, o- (Methylaniline, 2-)	95-53-4	5.1E-05	C					4.8E-02	
Toluidine, p-	106-49-0								
Toxaphene	8001-35-2	3.2E-04	I					7.6E-03	
Tralomethrin	66841-25-6								
Triallate	2303-17-5								
Triasulfuron	82097-50-5								
Tribromobenzene, 1,2,4-	615-54-3								
Tributyl Phosphate	126-73-8								
Tributyltin Compounds	NA								
Tributyltin Oxide	56-35-9								
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			3.0E+01	H	V			3.1E+04
Trichloroaniline HCl, 2,4,6-	33663-50-2								
Trichloroaniline, 2,4,6-	634-93-5								
Trichlorobenzene, 1,2,4-	120-82-1			4.0E-03	P	V			4.2E+00
Trichloroethane, 1,1,1-	71-55-6			5.0E+00	I	V			5.2E+03
Trichloroethane, 1,1,2-	79-00-5	1.6E-05	I			V		1.5E-01	
Trichloroethylene	79-01-6	2.0E-06	C			V		1.2E+00	
Trichlorofluoromethane	75-69-4			7.0E-01	H	V			7.3E+02
Trichlorophenol, 2,4,5-	95-95-4								
Trichlorophenol, 2,4,6-	88-06-2	3.1E-06	I					7.8E-01	
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1								
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5								
Trichloropropane, 1,1,2-	598-77-6					V			
Trichloropropane, 1,2,3-	96-18-4					V			
Trichloropropene, 1,2,3-	96-19-5			1.0E-03	P	V			1.0E+00
Tridiphane	58138-08-2								
Triethylamine	121-44-8			7.0E-03	I	V			7.3E+00
Trifluralin	1582-09-8								
Trimethyl Phosphate	512-56-1								
Trimethylbenzene, 1,2,4-	95-63-6			7.0E-03	P	V			7.3E+00
Trimethylbenzene, 1,3,5-	108-67-8			6.0E-03	P	V			6.3E+00
Trinitrobenzene, 1,3,5-	99-35-4								
Trinitrotoluene, 2,4,6-	118-96-7								
Triphenylphosphine Oxide	791-28-6								
Tris(2-chloroethyl)phosphate	115-96-8								
Tris(2-ethylhexyl)phosphate	78-42-2								
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1								
Tri-n-butyltin	688-73-3								
Uranium (Soluble Salts)	NA								
Vanadium Pentoxide	1314-62-1	8.3E-03	P	7.0E-06	P			2.9E-04	7.3E-03
Vanadium Sulfate	36907-42-3								
Vanadium and Compounds	NA								
Vanadium, Metallic	7440-62-2								
Vernolate	1929-77-7								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Vinclozolin	50471-44-8								
Vinyl Acetate	108-05-4			2.0E-01	I	V			2.1E+02
Vinyl Bromide	593-60-2	3.2E-05	H	3.0E-03	I	V		7.6E-02	3.1E+00
Vinyl Chloride	75-01-4	4.4E-06	I	1.0E-01	I	V	M	1.6E-01	1.0E+02
Warfarin	81-81-2								
Xylene, Mixture	1330-20-7			1.0E-01	I	V			1.0E+02
Xylene, P-	106-42-3			7.0E-01	C	V			7.3E+02
Xylene, m-	108-38-3			7.0E-01	C	V			7.3E+02
Xylene, o-	95-47-6			7.0E-01	C	V			7.3E+02
Zinc (Metallic)	7440-66-6								
Zinc Phosphide	1314-84-7								
Zineb	12122-67-7								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Acephate	30560-19-1								
Acetaldehyde	75-07-0	2.2E-06	I	9.0E-03	I	V		5.6E+00	3.9E+01
Acetochlor	34256-82-1								
Acetone	67-64-1			3.1E+01	A	V			1.4E+05
Acetone Cyanohydrin	75-86-5			6.0E-02	P	V			2.6E+02
Acetonitrile	75-05-8			6.0E-02	I	V			2.6E+02
Acetophenone	98-86-2					V			
Acrolein	107-02-8			2.0E-05	I	V			8.8E-02
Acrylamide	79-06-1	1.3E-03	I					9.4E-03	
Acrylic Acid	79-10-7			1.0E-03	I				4.4E+00
Acrylonitrile	107-13-1	6.8E-05	I	2.0E-03	I	V		1.8E-01	8.8E+00
Adiponitrile	111-69-3			6.0E-03	P				2.6E+01
Alachlor	15972-60-8								
ALAR	1596-84-5								
Aldicarb	116-06-3								
Aldicarb Sulfone	1646-88-4								
Aldrin	309-00-2	4.9E-03	I					2.5E-03	
Ally	74223-64-6								
Allyl Alcohol	107-18-6			3.0E-04	P				1.3E+00
Allyl Chloride	107-05-1			1.0E-03	I	V			4.4E+00
Aluminum	7429-90-5			5.0E-03	P				2.2E+01
Aluminum Phosphide	20859-73-8								
Amdro	67485-29-4								
Ametryn	834-12-8								
Aminophenol, m-	591-27-5								
Aminophenol, p-	123-30-8								
Amitraz	33089-61-1								
Ammonia	7664-41-7			1.0E-01	I				4.4E+02
Ammonium Perchlorate	7790-98-9								
Ammonium Sulfamate	7773-06-0								
Aniline	62-53-3			1.0E-03	I				4.4E+00
Antimony (metallic)	7440-36-0								
Antimony Pentoxide	1314-60-9								
Antimony Potassium Tartrate	11071-15-1								
Antimony Tetroxide	1332-81-6								
Antimony Trioxide	1309-64-4			2.0E-04	I				8.8E-01
Apollo	74115-24-5								
Aramite	140-57-8	7.1E-06	I					1.7E+00	
Arsenic, Inorganic	7440-38-2	4.3E-03	I	3.0E-05	C			2.9E-03	1.3E-01
Arsine	7784-42-1			5.0E-05	I				2.2E-01
Assure	76578-14-8								
Asulam	3337-71-1								
Atrazine	1912-24-9								
Avermectin B1	65195-55-3								
Azobenzene	103-33-3	3.1E-05	I			V		4.0E-01	
Barium	7440-39-3			5.0E-04	H				2.2E+00

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Baygon	114-26-1								
Bayleton	43121-43-3								
Baythroid	68359-37-5								
Benefin	1861-40-1								
Benomyl	17804-35-2								
Bentazon	25057-89-0								
Benzaldehyde	100-52-7					V			
Benzene	71-43-2	7.8E-06	I	3.0E-02	I	V		1.6E+00	1.3E+02
Benzenethiol	108-98-5					V			
Benzidine	92-87-5	6.7E-02	I				M	1.8E-04	
Benzoic Acid	65-85-0								
Benzotrichloride	98-07-7					V			
Benzyl Alcohol	100-51-6								
Benzyl Chloride	100-44-7			1.0E-03	P	V			4.4E+00
Beryllium and compounds	7440-41-7	2.4E-03	I	2.0E-05	I			5.1E-03	8.8E-02
Bidrin	141-66-2								
Bifenox	42576-02-3								
Biphenthrin	82657-04-3								
Biphenyl, 1,1'-	92-52-4					V			
Bis(2-chloroethoxy)methane	111-91-1								
Bis(2-chloroethyl)ether	111-44-4	3.3E-04	I			V		3.7E-02	
Bis(2-chloro-1-methylethyl) ether	108-60-1	1.0E-05	H			V		1.2E+00	
Bis(2-ethylhexyl)phthalate	117-81-7								
Bis(chloromethyl)ether	542-88-1	6.2E-02	I			V		2.0E-04	
Bisphenol A	80-05-7								
Boron And Borates Only	7440-42-8			2.0E-02	H				8.8E+01
Boron Trifluoride	7637-07-2			7.0E-04	H				3.1E+00
Bromate	15541-45-4								
Bromobenzene	108-86-1			1.0E-02	P	V			4.4E+01
Bromodichloromethane	75-27-4					V			
Bromoform	75-25-2	1.1E-06	I					1.1E+01	
Bromomethane	74-83-9			5.0E-03	I	V			2.2E+01
Bromophos	2104-96-3								
Bromoxynil	1689-84-5								
Bromoxynil Octanoate	1689-99-2								
Butadiene, 1,3-	106-99-0	3.0E-05	I	2.0E-03	I	V		4.1E-01	8.8E+00
Butanol, N-	71-36-3								
Butyl Benzyl Phthlate	85-68-7								
Butylate	2008-41-5								
Butylphthalyl Butylglycolate	85-70-1								
Cacodylic Acid	75-60-5								
Cadmium (Water)	7440-43-9	1.8E-03	I					6.8E-03	
Caprolactam	105-60-2								
Captafol	2425-06-1	4.3E-05	C					2.9E-01	
Captan	133-06-2	6.6E-07	C					1.9E+01	
Carbaryl	63-25-2								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Carbofuran	1563-66-2								
Carbon Disulfide	75-15-0			7.0E-01	I	V			3.1E+03
Carbon Tetrachloride	56-23-5	1.5E-05	I	1.9E-01	A	V		8.2E-01	8.3E+02
Carbosulfan	55285-14-8								
Carboxin	5234-68-4								
Chloral Hydrate	302-17-0								
Chloramben	133-90-4								
Chloranil	118-75-2								
Chlordane	12789-03-6	1.0E-04	I	7.0E-04	I			1.2E-01	3.1E+00
Chlordecone (Kepone)	143-50-0	4.6E-03	C					2.7E-03	
Chlorimuron, Ethyl-	90982-32-4								
Chlorine	7782-50-5			1.5E-04	A				6.4E-01
Chlorine Dioxide	10049-04-4			2.0E-04	I				8.8E-01
Chlorite (Sodium Salt)	7758-19-2								
Chloro-1,1-difluoroethane, 1-	75-68-3			5.0E+01	I	V			2.2E+05
Chloro-1,3-butadiene, 2-	126-99-8			7.0E-03	H	V			3.1E+01
Chloro-2-methylaniline HCl, 4-	3165-93-3								
Chloro-2-methylaniline, 4-	95-69-2	7.7E-05	C					1.6E-01	
Chloroacetic Acid	79-11-8								
Chloroacetophenone, 2-	532-27-4			3.0E-05	I				1.3E-01
Chloroaniline, p-	106-47-8								
Chlorobenzene	108-90-7			5.0E-02	P	V			2.2E+02
Chlorobenzilate	510-15-6	3.1E-05	C					4.0E-01	
Chlorobenzotrifluoride, 4-	98-56-6			3.0E-01	P	V			1.3E+03
Chlorobutane, 1-	109-69-3					V			
Chlorodifluoromethane	75-45-6			5.0E+01	I	V			2.2E+05
Chloroform	67-66-3	2.3E-05	I	9.8E-02	A	V		5.3E-01	4.3E+02
Chloromethane	74-87-3	1.8E-06	H	9.0E-02	I	V		6.8E+00	3.9E+02
Chloronaphthalene, Beta-	91-58-7					V			
Chloronitrobenzene, o-	88-73-3			7.0E-05	P				3.1E-01
Chloronitrobenzene, p-	100-00-5			6.0E-04	P				2.6E+00
Chlorophenol, 2-	95-57-8					V			
Chlorothalonil	1897-45-6	8.9E-07	C					1.4E+01	
Chlorotoluene, o-	95-49-8					V			
Chlorpropham	101-21-3								
Chlorpyrifos	2921-88-2								
Chlorpyrifos Methyl	5598-13-0								
Chlorsulfuron	64902-72-3								
Chlorthiophos	60238-56-4								
Chromium (III) (Insoluble Salts)	16065-83-1								
Chromium VI (chromic acid mists)	18540-29-9	8.4E-02	I	8.0E-06	I			1.5E-04	3.5E-02
Chromium VI (particulates)	18540-29-9	8.4E-02	I	1.0E-04	I			1.5E-04	4.4E-01
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3	1.2E-02	I				M	1.0E-03	
Cobalt	7440-48-4	9.0E-03	P	6.0E-06	P			1.4E-03	2.6E-02
Coke Oven Emissions	8007-45-2	6.2E-04	I				M	2.0E-02	
Copper	7440-50-8								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Cresol, m-	108-39-4								
Cresol, o-	95-48-7								
Cresol, p-	106-44-5								
Crotonaldehyde, trans-	123-73-9					V			
Cumene	98-82-8			4.0E-01	I	V			1.8E+03
Cyanazine	21725-46-2								
Cyclohexane	110-82-7			6.0E+00	I	V			2.6E+04
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3								
Cyclohexanone	108-94-1								
Cyclohexylamine	108-91-8								
Cyhalothrin/karate	68085-85-8								
Cypermethrin	52315-07-8								
Cyromazine	66215-27-8								
Cyanides									
Calcium Cyanide	592-01-8								
Copper Cyanide	544-92-3								
Cyanide (CN-)	57-12-5								
Cyanogen	460-19-5					V			
Cyanogen Bromide	506-68-3					V			
Cyanogen Chloride	506-77-4					V			
Hydrogen Cyanide	74-90-8			3.0E-03	I	V			1.3E+01
Potassium Cyanide	151-50-8								
Potassium Silver Cyanide	506-61-6								
Silver Cyanide	506-64-9								
Sodium Cyanide	143-33-9								
Thiocyanate	463-56-9					V			
Zinc Cyanide	557-21-1								
Dacthal	1861-32-1								
Dalapon	75-99-0								
DDD	72-54-8								
DDE, p,p'-	72-55-9								
DDT	50-29-3	9.7E-05	I					1.3E-01	
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5								
Demeton	8065-48-3								
Di(2-ethylhexyl)adipate	103-23-1								
Diallate	2303-16-4								
Diazinon	333-41-5								
Dibromo-3-chloropropane, 1,2-	96-12-8	6.0E-03	P	2.0E-04	I	V	M	2.0E-03	8.8E-01
Dibromobenzene, 1,4-	106-37-6								
Dibromochloromethane	124-48-1					V			
Dibromoethane, 1,2-	106-93-4	6.0E-04	I	9.0E-03	I	V		2.0E-02	3.9E+01
Dibromomethane (Methylene Bromide)	74-95-3					V			
Dibutyl Phthalate	84-74-2								
Dibutyltin Compounds	NA								
Dicamba	1918-00-9								
Dichloro-2-butene, 1,4-	764-41-0	2.6E-03	H			V		4.7E-03	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Dichloroacetic Acid	79-43-6								
Dichlorobenzene, 1,2-	95-50-1			2.0E-01	H	V			8.8E+02
Dichlorobenzene, 1,4-	106-46-7	1.1E-05	C	8.0E-01	I	V		1.1E+00	3.5E+03
Dichlorobenzidine, 3,3'-	91-94-1								
Dichlorodifluoromethane	75-71-8			2.0E-01	H	V			8.8E+02
Dichloroethane, 1,1-	75-34-3	1.6E-06	C			V		7.7E+00	
Dichloroethane, 1,2-	107-06-2	2.6E-05	I	2.4E+00	A	V		4.7E-01	1.1E+04
Dichloroethylene, 1,1-	75-35-4			2.0E-01	I	V			8.8E+02
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					V			
Dichloroethylene, 1,2-cis-	156-59-2					V			
Dichloroethylene, 1,2-trans-	156-60-5			6.0E-02	P	V			2.6E+02
Dichlorophenol, 2,4-	120-83-2								
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7								
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6								
Dichloropropane, 1,2-	78-87-5	1.0E-05	C	4.0E-03	I	V		1.2E+00	1.8E+01
Dichloropropane, 1,3-	142-28-9					V			
Dichloropropanol, 2,3-	616-23-9								
Dichloropropene, 1,3-	542-75-6	4.0E-06	I	2.0E-02	I	V		3.1E+00	8.8E+01
Dichlorvos	62-73-7			5.0E-04	I				2.2E+00
Dicyclopentadiene	77-73-6			7.0E-03	P	V			3.1E+01
Dieldrin	60-57-1	4.6E-03	I					2.7E-03	
Diesel Engine Exhaust	NA			5.0E-03	I				2.2E+01
Diethyl Phthalate	84-66-2								
Diethylene Glycol Monobutyl Ether	112-34-5			2.0E-02	P				8.8E+01
Diethylene Glycol Monoethyl Ether	111-90-0			3.0E-03	P				1.3E+01
Diethylformamide	617-84-5								
Diethylstilbestrol	56-53-1	1.0E-01	C					1.2E-04	
Difenzoquat	43222-48-6								
Diflubenzuron	35367-38-5								
Difluoroethane, 1,1-	75-37-6			4.0E+01	I	V			1.8E+05
Diisopropyl Ether	108-20-3			4.0E-01	P	V			1.8E+03
Diisopropyl Methylphosphonate	1445-75-6					V			
Dimethipin	55290-64-7								
Dimethoate	60-51-5								
Dimethoxybenzidine, 3,3'-	119-90-4								
Dimethyl methylphosphonate	756-79-6								
Dimethylaniline HCl, 2,4-	21436-96-4								
Dimethylaniline, 2,4-	95-68-1								
Dimethylaniline, N,N-	121-69-7					V			
Dimethylbenzidine, 3,3'-	119-93-7								
Dimethylformamide	68-12-2			3.0E-02	I				1.3E+02
Dimethylphenol, 2,4-	105-67-9								
Dimethylphenol, 2,6-	576-26-1								
Dimethylphenol, 3,4-	95-65-8								
Dimethylterephthalate	120-61-6					V			
Dinitro-o-cresol, 4,6-	534-52-1								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5								
Dinitrobenzene, 1,2-	528-29-0								
Dinitrobenzene, 1,3-	99-65-0								
Dinitrobenzene, 1,4-	100-25-4								
Dinitrophenol, 2,4-	51-28-5								
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6								
Dinitrotoluene, 2,4-	121-14-2								
Dinitrotoluene, 2,6-	606-20-2								
Dinitrotoluene, 2-Amino-4,6-	35572-78-2								
Dinitrotoluene, 4-Amino-2,6-	19406-51-0								
Dinoseb	88-85-7								
Dioxane, 1,4-	123-91-1			3.6E+00	A				1.6E+04
Diphenamid	957-51-7								
Diphenyl Sulfone	127-63-9								
Diphenylamine	122-39-4								
Diphenylhydrazine, 1,2-	122-66-7	2.2E-04	I					5.6E-02	
Diquat	85-00-7								
Direct Black 38	1937-37-7	2.1E-03	C					5.8E-03	
Direct Blue 6	2602-46-2	2.1E-03	C					5.8E-03	
Direct Brown 95	16071-86-6	1.9E-03	C					6.5E-03	
Disulfoton	298-04-4								
Dithiane, 1,4-	505-29-3								
Diuron	330-54-1								
Dodine	2439-10-3								
Dioxins									
Hexachlorodibenzo-p-dioxin	34465-46-8	3.8E+00	W					3.2E-06	
Hexachlorodibenzo-p-dioxin, Mixture	NA	1.3E+00	I					9.4E-06	
HpCDD, 2,3,7,8-	37871-00-4	3.8E-01	W					3.2E-05	
OCDD	3268-87-9	1.1E-02	W					1.1E-03	
PeCDD, 2,3,7,8-	36088-22-9	3.8E+01	W					3.2E-07	
TCDD, 2,3,7,8-	1746-01-6	3.8E+01	C					3.2E-07	
Endosulfan	115-29-7								
Endothall	145-73-3								
Endrin	72-20-8								
Epichlorohydrin	106-89-8	1.2E-06	I	1.0E-03	I	V		1.0E+01	4.4E+00
Epoxybutane, 1,2-	106-88-7			2.0E-02	I	V			8.8E+01
EPTC	759-94-4					V			
Ethephon	16672-87-0								
Ethion	563-12-2								
Ethoxyethanol Acetate, 2-	111-15-9								
Ethoxyethanol, 2-	110-80-5			2.0E-01	I				8.8E+02
Ethyl Acetate	141-78-6					V			
Ethyl Acrylate	140-88-5					V			
Ethyl Chloride	75-00-3			1.0E+01	I	V			4.4E+04
Ethyl Ether	60-29-7					V			
Ethyl Methacrylate	97-63-2					V			

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Ethyl-p-nitrophenyl Phosphonate	2104-64-5								
Ethylbenzene	100-41-4	2.5E-06	C	1.0E+00	I	V		4.9E+00	4.4E+03
Ethylene Cyanohydrin	109-78-4								
Ethylene Diamine	107-15-3								
Ethylene Glycol	107-21-1			4.0E-01	C				1.8E+03
Ethylene Glycol Monobutyl Ether	111-76-2			1.3E+01	I				5.7E+04
Ethylene Oxide	75-21-8	8.8E-05	C			V		1.4E-01	
Ethylene Thiourea	96-45-7	1.3E-05	C					9.4E-01	
Ethylphthalyl Ethyl Glycolate	84-72-0								
Express	101200-48-0								
Fenamiphos	22224-92-6								
Fenpropathrin	39515-41-8								
Fluometuron	2164-17-2								
Fluorine (Soluble Fluoride)	7782-41-4								
Fluridone	59756-60-4								
Flurprimidol	56425-91-3								
Flutolanil	66332-96-5								
Fluvalinate	69409-94-5								
Folpet	133-07-3								
Fomesafen	72178-02-0								
Fonofos	944-22-9								
Formaldehyde	50-00-0	1.3E-05	I	9.8E-03	A			9.4E-01	4.3E+01
Formic Acid	64-18-6			3.0E-03	P				1.3E+01
Fosetyl-AL	39148-24-8								
Furazolidone	67-45-8								
Furfural	98-01-1			5.0E-02	H				2.2E+02
Furium	531-82-8	4.3E-04	C					2.9E-02	
Furmecyclox	60568-05-0								
Furans									
Furan	110-00-9					V			
HpCDF, 2,3,7,8-	38998-75-3	3.8E-01	W					3.2E-05	
HxCDF, 2,3,7,8-	55684-94-1	3.8E+00	W					3.2E-06	
OCDF	39001-02-0	1.1E-02	W					1.1E-03	
PeCDF, 1,2,3,7,8-	57117-41-6	1.1E+00	W					1.1E-05	
PeCDF, 2,3,4,7,8-	57117-31-4	1.1E+01	W					1.1E-06	
TCDF, 2,3,7,8-	51207-31-9	3.8E+00	W					3.2E-06	
Glufosinate, Ammonium	77182-82-2								
Glycidyl	765-34-4			1.0E-03	H				4.4E+00
Glyphosate	1071-83-6								
Goal	42874-03-3								
Haloxyfop, Methyl	69806-40-2								
Harmony	79277-27-3								
Heptachlor	76-44-8	1.3E-03	I					9.4E-03	
Heptachlor Epoxide	1024-57-3	2.6E-03	I					4.7E-03	
Hexabromobenzene	87-82-1								
Hexachlorobenzene	118-74-1	4.6E-04	I					2.7E-02	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Hexachlorobutadiene	87-68-3	2.2E-05	I					5.6E-01	
Hexachlorocyclohexane, Alpha-	319-84-6	1.8E-03	I					6.8E-03	
Hexachlorocyclohexane, Beta-	319-85-7	5.3E-04	I					2.3E-02	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	3.1E-04	C					4.0E-02	
Hexachlorocyclohexane, Technical	608-73-1	5.1E-04	I					2.4E-02	
Hexachlorocyclopentadiene	77-47-4			2.0E-04	I				8.8E-01
Hexachloroethane	67-72-1	4.0E-06	I					3.1E+00	
Hexachlorophene	70-30-4								
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4								
Hexamethylene Diisocyanate, 1,6-	822-06-0			1.0E-05	I	V			4.4E-02
Hexane, N-	110-54-3			7.0E-01	I	V			3.1E+03
Hexanedioic Acid	124-04-9								
Hexazinone	51235-04-2								
Hydrazine	302-01-2	4.9E-03	I	2.0E-04	C			2.5E-03	8.8E-01
Hydrazine Sulfate	10034-93-2	4.9E-03	I					2.5E-03	
Hydrogen Chloride	7647-01-0			2.0E-02	I				8.8E+01
Hydrogen Sulfide	7783-06-4			2.0E-03	I				8.8E+00
Hydroquinone	123-31-9								
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2								
Imazalil	35554-44-0								
Imazaquin	81335-37-7								
Iprodione	36734-19-7								
Iron	7439-89-6								
Isobutyl Alcohol	78-83-1					V			
Isophorone	78-59-1			2.0E+00	C				8.8E+03
Isopropalin	33820-53-0								
Isopropyl Methyl Phosphonic Acid	1832-54-8								
Isoxaben	82558-50-7								
Kerb	23950-58-5								
Lactofen	77501-63-4								
Linuron	330-55-2								
Lithium	7439-93-2								
Lithium Perchlorate	7791-03-9								
Londax	83055-99-6								
Lead Compounds									
Lead and Compounds	7439-92-1								
Tetraethyl Lead	78-00-2								
Malathion	121-75-5								
Maleic Anhydride	108-31-6			7.0E-04	C				3.1E+00
Maleic Hydrazide	123-33-1								
Malononitrile	109-77-3								
Mancozeb	8018-01-7								
Maneb	12427-38-2								
Manganese (Water)	7439-96-5			5.0E-05	I				2.2E-01
MCPA	94-74-6								
MCPB	94-81-5								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
MCPP	93-65-2								
Mephosfolan	950-10-7								
Mepiquat Chloride	24307-26-4								
Merphos	150-50-5								
Merphos Oxide	78-48-8								
Metalaxyl	57837-19-1								
Methacrylonitrile	126-98-7			7.0E-04	H	V			3.1E+00
Methamidophos	10265-92-6								
Methanol	67-56-1			4.0E+00	C				1.8E+04
Methidathion	950-37-8								
Methomyl	16752-77-5								
Methoxy-5-nitroaniline, 2-	99-59-2	1.4E-05	C					8.8E-01	
Methoxychlor	72-43-5								
Methoxyethanol Acetate, 2-	110-49-6								
Methoxyethanol, 2-	109-86-4			2.0E-02	I				8.8E+01
Methyl Acetate	79-20-9					V			
Methyl Acrylate	96-33-3					V			
Methyl Ethyl Ketone (2-Butanone)	78-93-3			5.0E+00	I	V			2.2E+04
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			3.0E+00	I	V			1.3E+04
Methyl Methacrylate	80-62-6			7.0E-01	I	V			3.1E+03
Methyl Parathion	298-00-0								
Methyl Styrene (Mixed Isomers)	25013-15-4			4.0E-02	H	V			1.8E+02
Methyl tert-Butyl Ether (MTBE)	1634-04-4	2.6E-07	C	3.0E+00	I	V		4.7E+01	1.3E+04
Methyl-5-Nitroaniline, 2-	99-55-8								
Methylaniline Hydrochloride, 2-	636-21-5	3.7E-05	C					3.3E-01	
Methylarsonic acid	124-58-3				A				
Methylene Chloride	75-09-2	4.7E-07	I	1.1E+00	A	V		2.6E+01	4.6E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	4.3E-04	C				M	2.9E-02	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1								
Methylenebisbenzenamine, 4,4'-	101-77-9	4.6E-04	C					2.7E-02	
Methylenediphenyl Diisocyanate	101-68-8			6.0E-04	I				2.6E+00
Methylstyrene, Alpha-	98-83-9					V			
Metolachlor	51218-45-2								
Metribuzin	21087-64-9								
Mirex	2385-85-5	5.1E-03	C					2.4E-03	
Molinate	2212-67-1								
Molybdenum	7439-98-7								
Monochloramine	10599-90-3								
Monomethylaniline	100-61-8								
Mercury Compounds									
Mercuric Chloride	7487-94-7								
Mercuric Sulfide	1344-48-5								
Mercury (elemental)	7439-97-6			3.0E-04	I	V			1.3E+00
Mercury, Inorganic Salts	NA								
Methyl Mercury	22967-92-6								
Phenylmercuric Acetate	62-38-4								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
N,N'-Diphenyl-1,4-benzenediamine	74-31-7								
Naled	300-76-5								
Napropamide	15299-99-7								
Nickel Refinery Dust	NA	2.4E-04	I					5.1E-02	
Nickel Soluble Salts	7440-02-0								
Nickel Subsulfide	12035-72-2	4.8E-04	I					2.6E-02	
Nitrate	14797-55-8								
Nitrite	14797-65-0								
Nitroaniline, 3-	99-09-2			1.0E-03	P				4.4E+00
Nitroaniline, 4-	100-01-6			4.0E-03	P				1.8E+01
Nitrobenzene	98-95-3			2.0E-03	H	V			8.8E+00
Nitrofurantoin	67-20-9								
Nitrofurazone	59-87-0	3.7E-04	C					3.3E-02	
Nitroglycerin	55-63-0								
Nitroguanidine	556-88-7								
Nitromethane	75-52-5	9.0E-06	P	2.0E-02	P	V		1.4E+00	8.8E+01
Nitropropane, 2-	79-46-9	2.7E-03	H	2.0E-02	I	V		4.5E-03	8.8E+01
Nitroso-di-N-butylamine, N-	924-16-3	1.6E-03	I			V		7.7E-03	
Nitroso-di-N-propylamine, N-	621-64-7								
Nitroso-N-ethylurea, N-	759-73-9	7.7E-03	C				M	1.6E-03	
Nitrosodiethanolamine, N-	1116-54-7								
Nitrosodiethylamine, N-	55-18-5	4.3E-02	I				M	2.9E-04	
Nitrosodimethylamine, N-	62-75-9	1.4E-02	I				M	8.8E-04	
Nitrosodiphenylamine, N-	86-30-6								
Nitrosomethylethylamine, N-	10595-95-6								
Nitrosopyrrolidine, N-	930-55-2	6.1E-04	I					2.0E-02	
Nitrotoluene, m-	99-08-1								
Nitrotoluene, o-	88-72-2					V			
Nitrotoluene, p-	99-99-0								
Norflurazon	27314-13-2								
Nustar	85509-19-9								
Octabromodiphenyl Ether	32536-52-0								
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0								
Octamethylpyrophosphoramide	152-16-9								
Oryzalin	19044-88-3								
Oxadiazon	19666-30-9								
Oxamyl	23135-22-0								
Paclobutrazol	76738-62-0								
Paraquat Dichloride	1910-42-5								
Parathion	56-38-2								
Pebulate	1114-71-2								
Pendimethalin	40487-42-1								
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9								
Pentabromodiphenyl Ether	32534-81-9								
Pentachlorobenzene	608-93-5								
Pentachloroethane	76-01-7								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Pentachloronitrobenzene	82-68-8								
Pentachlorophenol	87-86-5								
Perchlorate and Perchlorate Salts	14797-73-0								
Permethrin	52645-53-1								
Phenmedipham	13684-63-4								
Phenol	108-95-2			2.0E-01	C				8.8E+02
Phenylenediamine, m-	108-45-2								
Phenylenediamine, o-	95-54-5								
Phenylenediamine, p-	106-50-3								
Phenylphenol, 2-	90-43-7								
Phorate	298-02-2								
Phosgene	75-44-5			3.0E-04	I	V			1.3E+00
Phosmet	732-11-6								
Phosphine	7803-51-2			3.0E-04	I				1.3E+00
Phosphoric Acid	7664-38-2			1.0E-02	I				4.4E+01
Phosphorus, White	7723-14-0								
Phthalic Acid, P-	100-21-0								
Phthalic Anhydride	85-44-9			2.0E-02	C				8.8E+01
Picloram	1918-02-1								
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3								
Pirimiphos, Methyl	29232-93-7								
Polybrominated Biphenyls	59536-65-1	8.6E-03	C					1.4E-03	
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9			6.0E-04	I				2.6E+00
Potassium Perchlorate	7778-74-7								
Prochloraz	67747-09-5								
Profluralin	26399-36-0								
Prometon	1610-18-0								
Prometryn	7287-19-6								
Propachlor	1918-16-7								
Propanil	709-98-8								
Propargite	2312-35-8								
Propargyl Alcohol	107-19-7								
Propazine	139-40-2								
Propham	122-42-9								
Propiconazole	60207-90-1								
Propylene Glycol	57-55-6								
Propylene Glycol Dinitrate	6423-43-4			2.7E-04	A	V			1.2E+00
Propylene Glycol Monoethyl Ether	1569-02-4								
Propylene Glycol Monomethyl Ether	107-98-2			2.0E+00	I				8.8E+03
Propylene Oxide	75-56-9	3.7E-06	I	3.0E-02	I	V		3.3E+00	1.3E+02
Pursuit	81335-77-5								
Pydrin	51630-58-1								
Pyridine	110-86-1					V			
Polychlorinated Biphenyls (PCBs)									
Aroclor 1016	12674-11-2	2.0E-05	I					6.1E-01	
Aroclor 1221	11104-28-2	5.7E-04	I			V		2.1E-02	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Aroclor 1232	11141-16-5	5.7E-04	I			V		2.1E-02	
Aroclor 1242	53469-21-9	5.7E-04	I					2.1E-02	
Aroclor 1248	12672-29-6	5.7E-04	I					2.1E-02	
Aroclor 1254	11097-69-1	5.7E-04	I					2.1E-02	
Aroclor 1260	11096-82-5	5.7E-04	I					2.1E-02	
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	3.8E-03	W					3.2E-03	
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	3.8E-04	W					3.2E-02	
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-03	W					1.1E-02	
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-03	W					1.1E-02	
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-03	W					1.1E-02	
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.1E-03	W					1.1E-02	
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E+00	W					1.1E-05	
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.1E-03	W					1.1E-02	
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-03	W					1.1E-02	
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-03	W					1.1E-02	
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-03	W					1.1E-02	
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.8E+00	W					3.2E-06	
Polychlorinated Biphenyls (high risk)	1336-36-3	5.7E-04	C					2.2E-02	
Polychlorinated Biphenyls (low risk)	1336-36-3	1.0E-04	I					1.2E-01	
Polychlorinated Biphenyls (lowest risk)	1336-36-3								
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-03	W					3.2E-03	
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-02	W					1.1E-03	
Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	83-32-9					V			
Anthracene	120-12-7					V			
Benz[a]anthracene	56-55-3	1.1E-04	C				M	1.1E-01	
Benzo[a]pyrene	50-32-8	1.1E-03	C				M	1.1E-02	
Benzo[b]fluoranthene	205-99-2	1.1E-04	C				M	1.1E-01	
Benzo[k]fluoranthene	207-08-9	1.1E-04	C				M	1.1E-01	
Chrysene	218-01-9	1.1E-05	C				M	1.1E+00	
Dibenz[a,h]anthracene	53-70-3	1.2E-03	C				M	1.0E-02	
Fluoranthene	206-44-0								
Fluorene	86-73-7					V			
Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-04	C				M	1.1E-01	
Methylnaphthalene, 1-	90-12-0					V			
Methylnaphthalene, 2-	91-57-6					V			
Naphthalene	91-20-3	3.4E-05	C	3.0E-03	I	V		3.6E-01	1.3E+01
Pyrene	129-00-0					V			
Quinalphos	13593-03-8								
Quinoline	91-22-5								
Refractory Ceramic Fibers	NA			3.0E-02	A				1.3E+02
Resmethrin	10453-86-8								
Ronnel	299-84-3								
Rotenone	83-79-4								
Savey	78587-05-0								
Selenious Acid	7783-00-8								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Selenium	7782-49-2								
Selenourea	630-10-4								
Sethoxydim	74051-80-2								
Silver	7440-22-4								
Simazine	122-34-9								
Sodium Acifluorfen	62476-59-9								
Sodium Azide	26628-22-8								
Sodium Diethyldithiocarbamate	148-18-5								
Sodium Fluoroacetate	62-74-8								
Sodium Metavanadate	13718-26-8								
Sodium Perchlorate	7601-89-0								
Stirofos (Tetrachlorovinphos)	961-11-5								
Strontium, Stable	7440-24-6								
Strychnine	57-24-9								
Styrene	100-42-5			1.0E+00	I	V			4.4E+03
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9								
Systhane	88671-89-0								
TCMTB	21564-17-0								
Tebuthiuron	34014-18-1								
Temephos	3383-96-8								
Terbacil	5902-51-2								
Terbufos	13071-79-9								
Terbutryn	886-50-0								
Tetrachlorobenzene, 1,2,4,5-	95-94-3								
Tetrachloroethane, 1,1,1,2-	630-20-6	7.4E-06	I			V		1.7E+00	
Tetrachloroethane, 1,1,2,2-	79-34-5	5.8E-05	I			V		2.1E-01	
Tetrachloroethylene	127-18-4	5.9E-06	C	2.7E-01	A	V		2.1E+00	1.2E+03
Tetrachlorophenol, 2,3,4,6-	58-90-2								
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1								
Tetraethyl Dithiopyrophosphate	3689-24-5								
Tetrafluoroethane, 1,1,1,2-	811-97-2			8.0E+01	I	V			3.5E+05
Tetryl (Trinitrophenylmethylnitramine)	479-45-8								
Thallium (I) Nitrate	10102-45-1								
Thallium (Soluble Salts)	7440-28-0								
Thallium Acetate	563-68-8								
Thallium Carbonate	6533-73-9								
Thallium Chloride	7791-12-0								
Thallium Sulfate	7446-18-6								
Thiobencarb	28249-77-6								
Thiofanox	39196-18-4								
Thiophanate, Methyl	23564-05-8								
Thiram	137-26-8								
Tin	7440-31-5								
Toluene	108-88-3			5.0E+00	I	V			2.2E+04
Toluene diisocyanate mixture (TDI)	26471-62-5			7.0E-05	I	V			3.1E-01
Toluene-2,4-diamine	95-80-7	1.1E-03	C					1.1E-02	

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Toluene-2,5-diamine	95-70-5								
Toluene-2,6-diamine	823-40-5								
Toluidine, o- (Methylaniline, 2-)	95-53-4	5.1E-05	C					2.4E-01	
Toluidine, p-	106-49-0								
Toxaphene	8001-35-2	3.2E-04	I					3.8E-02	
Tralomethrin	66841-25-6								
Triallate	2303-17-5								
Triasulfuron	82097-50-5								
Tribromobenzene, 1,2,4-	615-54-3								
Tributyl Phosphate	126-73-8								
Tributyltin Compounds	NA								
Tributyltin Oxide	56-35-9								
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			3.0E+01	H	V			1.3E+05
Trichloroaniline HCl, 2,4,6-	33663-50-2								
Trichloroaniline, 2,4,6-	634-93-5								
Trichlorobenzene, 1,2,4-	120-82-1			4.0E-03	P	V			1.8E+01
Trichloroethane, 1,1,1-	71-55-6			5.0E+00	I	V			2.2E+04
Trichloroethane, 1,1,2-	79-00-5	1.6E-05	I			V		7.7E-01	
Trichloroethylene	79-01-6	2.0E-06	C			V		6.1E+00	
Trichlorofluoromethane	75-69-4			7.0E-01	H	V			3.1E+03
Trichlorophenol, 2,4,5-	95-95-4								
Trichlorophenol, 2,4,6-	88-06-2	3.1E-06	I					4.0E+00	
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1								
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5								
Trichloropropane, 1,1,2-	598-77-6					V			
Trichloropropane, 1,2,3-	96-18-4					V			
Trichloropropene, 1,2,3-	96-19-5			1.0E-03	P	V			4.4E+00
Tridiphane	58138-08-2								
Triethylamine	121-44-8			7.0E-03	I	V			3.1E+01
Trifluralin	1582-09-8								
Trimethyl Phosphate	512-56-1								
Trimethylbenzene, 1,2,4-	95-63-6			7.0E-03	P	V			3.1E+01
Trimethylbenzene, 1,3,5-	108-67-8			6.0E-03	P	V			2.6E+01
Trinitrobenzene, 1,3,5-	99-35-4								
Trinitrotoluene, 2,4,6-	118-96-7								
Triphenylphosphine Oxide	791-28-6								
Tris(2-chloroethyl)phosphate	115-96-8								
Tris(2-ethylhexyl)phosphate	78-42-2								
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1								
Tri-n-butyltin	688-73-3								
Uranium (Soluble Salts)	NA								
Vanadium Pentoxide	1314-62-1	8.3E-03	P	7.0E-06	P			1.5E-03	3.1E-02
Vanadium Sulfate	36907-42-3								
Vanadium and Compounds	NA								
Vanadium, Metallic	7440-62-2								
Vernolate	1929-77-7								

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Contaminant		Toxicity and Chemical-specific Information						Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi				Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	mutagen	ug/m^3	ug/m^3
Vinclozolin	50471-44-8								
Vinyl Acetate	108-05-4			2.0E-01	I	V			8.8E+02
Vinyl Bromide	593-60-2	3.2E-05	H	3.0E-03	I	V		3.8E-01	1.3E+01
Vinyl Chloride	75-01-4	4.4E-06	I	1.0E-01	I	V	M	2.8E+00	4.4E+02
Warfarin	81-81-2								
Xylene, Mixture	1330-20-7			1.0E-01	I	V			4.4E+02
Xylene, P-	106-42-3			7.0E-01	C	V			3.1E+03
Xylene, m-	108-38-3			7.0E-01	C	V			3.1E+03
Xylene, o-	95-47-6			7.0E-01	C	V			3.1E+03
Zinc (Metallic)	7440-66-6								
Zinc Phosphide	1314-84-7								
Zineb	12122-67-7								

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Contaminant		Toxicity and Chemical-specific Information									Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					7.7E+00		7.7E+00	1.5E+02		1.5E+02	
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V			2.2E+00	2.2E+00		1.9E+01	1.9E+01	
Acetochlor	34256-82-1					2.0E-02	I								7.3E+02		7.3E+02	
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V					3.3E+04	6.4E+04	2.2E+04	
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V					1.1E+02	1.3E+02	5.8E+01	
Acetonitrile	75-05-8							6.0E-02	I	V						1.3E+02	1.3E+02	
Acetophenone	98-86-2					1.0E-01	I			V					3.7E+03		3.7E+03	
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V					1.8E+01	4.2E-02	4.2E-02	
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					1.5E-02		1.5E-02	7.3E+00		7.3E+00	
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I						1.8E+04		1.8E+04	
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	1.0E-03	H	2.0E-03	I	V		1.2E-01	7.2E-02	4.5E-02	3.7E+01	4.2E+00	3.7E+00	
Adiponitrile	111-69-3							6.0E-03	P									
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					1.2E+00		1.2E+00	3.7E+02		3.7E+02	2.0E+00
ALAR	1596-84-5					1.5E-01	I								5.5E+03		5.5E+03	
Aldicarb	116-06-3					1.0E-03	I								3.7E+01		3.7E+01	
Aldicarb Sulfone	1646-88-4					1.0E-03	I								3.7E+01		3.7E+01	
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I					4.0E-03		4.0E-03	1.1E+00		1.1E+00	
Ally	74223-64-6					2.5E-01	I								9.1E+03		9.1E+03	
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P						1.8E+02		1.8E+02	
Allyl Chloride	107-05-1							1.0E-03	I	V						2.1E+00	2.1E+00	
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P						3.7E+04		3.7E+04	
Aluminum Phosphide	20859-73-8					4.0E-04	I								1.5E+01		1.5E+01	
Amdro	67485-29-4					3.0E-04	I								1.1E+01		1.1E+01	
Ametryn	834-12-8					9.0E-03	I								3.3E+02		3.3E+02	
Aminophenol, m-	591-27-5					8.0E-02	P								2.9E+03		2.9E+03	
Aminophenol, p-	123-30-8					2.0E-02	P								7.3E+02		7.3E+02	
Amitraz	33089-61-1					2.5E-03	I								9.1E+01		9.1E+01	
Ammonia	7664-41-7							1.0E-01	I									
Ammonium Perchlorate	7790-98-9					7.0E-04	I								2.6E+01		2.6E+01	
Ammonium Sulfamate	7773-06-0					2.0E-01	I								7.3E+03		7.3E+03	
Aniline	62-53-3	5.7E-03	I			7.0E-03	P	1.0E-03	I			1.2E+01		1.2E+01	2.6E+02		2.6E+02	
Antimony (metallic)	7440-36-0					4.0E-04	I								1.5E+01		1.5E+01	6.0E+00
Antimony Pentoxide	1314-60-9					5.0E-04	H								1.8E+01		1.8E+01	
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H								3.3E+01		3.3E+01	
Antimony Tetroxide	1332-81-6					4.0E-04	H								1.5E+01		1.5E+01	
Antimony Trioxide	1309-64-4					4.0E-04	H	2.0E-04	I						1.5E+01		1.5E+01	
Apollo	74115-24-5					1.3E-02	I								4.7E+02		4.7E+02	
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H					2.7E+00		2.7E+00	1.8E+03		1.8E+03	
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	3.0E-05	C			4.5E-02		4.5E-02	1.1E+01		1.1E+01	1.0E+01
Arsine	7784-42-1							5.0E-05	I									
Assure	76578-14-8					9.0E-03	I								3.3E+02		3.3E+02	
Asulam	3337-71-1					5.0E-02	I								1.8E+03		1.8E+03	
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I					2.9E-01		2.9E-01	1.3E+03		1.3E+03	3.0E+00
Avermectin B1	65195-55-3					4.0E-04	I								1.5E+01		1.5E+01	
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V		6.1E-01	1.6E-01	1.2E-01				
Barium	7440-39-3					2.0E-01	I	5.0E-04	H						7.3E+03		7.3E+03	2.0E+03
Baygon	114-26-1					4.0E-03	I								1.5E+02		1.5E+02	
Bayleton	43121-43-3					3.0E-02	I								1.1E+03		1.1E+03	
Baythroid	68359-37-5					2.5E-02	I								9.1E+02		9.1E+02	
Benefin	1861-40-1					3.0E-01	I								1.1E+04		1.1E+04	
Benomyl	17804-35-2					5.0E-02	I								1.8E+03		1.8E+03	

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Contaminant		Toxicity and Chemical-specific Information									Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc		Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)			mutagen	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Bentazon	25057-89-0					3.0E-02	I								1.1E+03		1.1E+03	
Benzaldehyde	100-52-7					1.0E-01	I			V					3.7E+03		3.7E+03	
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1.2E+00	6.2E-01	4.1E-01	1.5E+02	6.3E+01	4.4E+01	5.0E+00
Benzenethiol	108-98-5					1.0E-05	H			V					3.7E-01		3.7E-01	
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I				M	9.4E-05		9.4E-05	1.1E+02		1.1E+02	
Benzoic Acid	65-85-0					4.0E+00	I								1.5E+05		1.5E+05	
Benzotrichloride	98-07-7	1.3E+01	I							V		5.2E-03		5.2E-03				
Benzyl Alcohol	100-51-6					5.0E-01	P								1.8E+04		1.8E+04	
Benzyl Chloride	100-44-7	1.7E-01	I			2.0E-03	P	1.0E-03	P	V		4.0E-01		4.0E-01	7.3E+01	2.1E+00	2.0E+00	
Beryllium and compounds	7440-41-7			2.4E-03	I	2.0E-03	I	2.0E-05	I						7.3E+01		7.3E+01	4.0E+00
Bidrin	141-66-2					1.0E-04	I								3.7E+00		3.7E+00	
Bifenox	42576-02-3					9.0E-03	P								3.3E+02		3.3E+02	
Biphenthrin	82657-04-3					1.5E-02	I								5.5E+02		5.5E+02	
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V					1.8E+03		1.8E+03	
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P								1.1E+02		1.1E+02	
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I					V		6.1E-02	1.5E-02	1.2E-02				
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V		9.6E-01	4.9E-01	3.2E-01	1.5E+03		1.5E+03	
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I			2.0E-02	I					4.8E+00		4.8E+00	7.3E+02		7.3E+02	6.0E+00
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I					V		3.1E-04	7.8E-05	6.2E-05				
Bisphenol A	80-05-7					5.0E-02	I								1.8E+03		1.8E+03	
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H						7.3E+03		7.3E+03	
Boron Trifluoride	7637-07-2							7.0E-04	H									
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I					9.6E-02		9.6E-02	1.5E+02		1.5E+02	1.0E+01
Bromobenzene	108-86-1					2.0E-02	P	1.0E-02	P	V					7.3E+02	2.1E+01	2.0E+01	
Bromodichloromethane	75-27-4	6.2E-02	I			2.0E-02	I			V		1.1E+00		1.1E+00	7.3E+02		7.3E+02	
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I					8.5E+00		8.5E+00	7.3E+02		7.3E+02	
Bromomethane	74-83-9					1.4E-03	I	5.0E-03	I	V					5.1E+01	1.0E+01	8.7E+00	
Bromophos	2104-96-3					5.0E-03	H								1.8E+02		1.8E+02	
Bromoxynil	1689-84-5					2.0E-02	I								7.3E+02		7.3E+02	
Bromoxynil Octanoate	1689-99-2					2.0E-02	I								7.3E+02		7.3E+02	
Butadiene, 1,3-	106-99-0			3.0E-05	I			2.0E-03	I	V			1.6E-01	1.6E-01		4.2E+00	4.2E+00	
Butanol, N-	71-36-3					1.0E-01	I								3.7E+03		3.7E+03	
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I					3.5E+01		3.5E+01	7.3E+03		7.3E+03	
Butylate	2008-41-5					5.0E-02	I								1.8E+03		1.8E+03	
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I								3.7E+04		3.7E+04	
Cacodylic Acid	75-60-5					2.0E-02	A								7.3E+02		7.3E+02	
Cadmium (Water)	7440-43-9			1.8E-03	I	5.0E-04	I								1.8E+01		1.8E+01	5.0E+00
Caprolactam	105-60-2					5.0E-01	I								1.8E+04		1.8E+04	
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I					4.5E-01		4.5E-01	7.3E+01		7.3E+01	
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I					2.9E+01		2.9E+01	4.7E+03		4.7E+03	
Carbaryl	63-25-2					1.0E-01	I								3.7E+03		3.7E+03	
Carbofuran	1563-66-2					5.0E-03	I								1.8E+02		1.8E+02	4.0E+01
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V					3.7E+03	1.5E+03	1.0E+03	
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V		5.2E-01	3.2E-01	2.0E-01	2.6E+01	3.9E+02	2.4E+01	5.0E+00
Carbosulfan	55285-14-8					1.0E-02	I								3.7E+02		3.7E+02	
Carboxin	5234-68-4					1.0E-01	I								3.7E+03		3.7E+03	
Chloral Hydrate	302-17-0					1.0E-01	I								3.7E+03		3.7E+03	
Chloramben	133-90-4					1.5E-02	I								5.5E+02		5.5E+02	
Chloranil	118-75-2	4.0E-01	H									1.7E-01		1.7E-01				
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1.9E-01		1.9E-01	1.8E+01		1.8E+01	2.0E+00
Chlordecone (Kepone)	143-50-0	1.6E+01	C	4.6E-03	C							4.2E-03		4.2E-03				

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Contaminant		Toxicity and Chemical-specific Information									Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc		Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)			mutagen	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I								7.3E+02		7.3E+02	
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A						3.7E+03		3.7E+03	
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I						1.1E+03		1.1E+03	
Chlorite (Sodium Salt)	7758-19-2					3.0E-02	I								1.1E+03		1.1E+03	
Chloro-1,1-difluoroethane, 1-	75-68-3							5.0E+01	I	V						1.0E+05	1.0E+05	
Chloro-1,3-butadiene, 2-	126-99-8					2.0E-02	H	7.0E-03	H	V					7.3E+02	1.5E+01	1.4E+01	
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H									1.5E-01		1.5E-01				
Chloro-2-methylaniline, 4-	95-69-2	2.7E-01	C	7.7E-05	C							2.5E-01		2.5E-01				
Chloroacetic Acid	79-11-8					2.0E-03	H								7.3E+01		7.3E+01	
Chloroacetophenone, 2-	532-27-4							3.0E-05	I									
Chloroaniline, p-	106-47-8	5.4E-02	P			4.0E-03	I					1.2E+00		1.2E+00	1.5E+02		1.5E+02	
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V					7.3E+02	1.0E+02	9.1E+01	1.0E+02
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I					6.1E-01		6.1E-01	7.3E+02		7.3E+02	
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V					1.1E+02	6.3E+02	9.3E+01	
Chlorobutane, 1-	109-69-3					4.0E-02	P			V					1.5E+03		1.5E+03	
Chlorodifluoromethane	75-45-6							5.0E+01	I	V						1.0E+05	1.0E+05	
Chloroform	67-66-3	3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		2.2E+00	2.1E-01	1.9E-01	3.7E+02	2.0E+02	1.3E+02	
Chloromethane	74-87-3	1.3E-02	H	1.8E-06	H			9.0E-02	I	V		5.2E+00	2.7E+00	1.8E+00		1.9E+02	1.9E+02	
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V					2.9E+03		2.9E+03	
Chloronitrobenzene, o-	88-73-3	9.7E-03	P			1.0E-03	P	7.0E-05	P			6.9E+00		6.9E+00	3.7E+01		3.7E+01	
Chloronitrobenzene, p-	100-00-5	6.3E-03	P			1.0E-03	P	6.0E-04	P			1.1E+01		1.1E+01	3.7E+01		3.7E+01	
Chlorophenol, 2-	95-57-8					5.0E-03	I			V					1.8E+02		1.8E+02	
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					2.2E+01		2.2E+01	5.5E+02		5.5E+02	
Chlorotoluene, o-	95-49-8					2.0E-02	I			V					7.3E+02		7.3E+02	
Chlorotoluene, p-	106-43-4					7.0E-02	P			V					2.6E+03		2.6E+03	
Chlorpropham	101-21-3					2.0E-01	I								7.3E+03		7.3E+03	
Chlorpyrifos	2921-88-2					3.0E-03	I								1.1E+02		1.1E+02	
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H								3.7E+02		3.7E+02	
Chlorsulfuron	64902-72-3					5.0E-02	I								1.8E+03		1.8E+03	
Chlorthiophos	60238-56-4					8.0E-04	H								2.9E+01		2.9E+01	
Chromium (III) (Insoluble Salts)	16065-83-1					1.5E+00	I								5.5E+04		5.5E+04	
Chromium VI (chromic acid mists)	18540-29-9			8.4E-02	I	3.0E-03	I	8.0E-06	I						1.1E+02		1.1E+02	
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3			1.2E-02	I						M							
Cobalt	7440-48-4			9.0E-03	P	3.0E-04	P	6.0E-06	P						1.1E+01		1.1E+01	
Copper	7440-50-8					4.0E-02	H								1.5E+03		1.5E+03	1.3E+03
Cresol, m-	108-39-4					5.0E-02	I								1.8E+03		1.8E+03	
Cresol, o-	95-48-7					5.0E-02	I								1.8E+03		1.8E+03	
Cresol, p-	106-44-5					5.0E-03	H								1.8E+02		1.8E+02	
Crotonaldehyde, trans-	123-73-9	1.9E+00	H							V		3.5E-02		3.5E-02				
Cumene	98-82-8					1.0E-01	I	4.0E-01	I	V					3.7E+03	8.3E+02	6.8E+02	
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H					8.0E-02		8.0E-02	7.3E+01		7.3E+01	
Cyclohexane	110-82-7							6.0E+00	I	V						1.3E+04	1.3E+04	
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H									2.9E+00		2.9E+00				
Cyclohexanone	108-94-1					5.0E+00	I								1.8E+05		1.8E+05	
Cyclohexylamine	108-91-8					2.0E-01	I								7.3E+03		7.3E+03	
Cyhalothrin/karate	68085-85-8					5.0E-03	I								1.8E+02		1.8E+02	
Cypermethrin	52315-07-8					1.0E-02	I								3.7E+02		3.7E+02	
Cyromazine	66215-27-8					7.5E-03	I								2.7E+02		2.7E+02	
Cyanides																		
Calcium Cyanide	592-01-8					4.0E-02	I								1.5E+03		1.5E+03	
Copper Cyanide	544-92-3					5.0E-03	I								1.8E+02		1.8E+02	

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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cyanide (CN-)	57-12-5					2.0E-02	I								7.3E+02		7.3E+02	2.0E+02
Cyanogen	460-19-5					4.0E-02	I			V					1.5E+03		1.5E+03	
Cyanogen Bromide	506-68-3					9.0E-02	I			V					3.3E+03		3.3E+03	
Cyanogen Chloride	506-77-4					5.0E-02	I			V					1.8E+03		1.8E+03	
Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V					7.3E+02	6.3E+00	6.2E+00	
Potassium Cyanide	151-50-8					5.0E-02	I								1.8E+03		1.8E+03	
Potassium Silver Cyanide	506-61-6					2.0E-01	I								7.3E+03		7.3E+03	
Silver Cyanide	506-64-9					1.0E-01	I								3.7E+03		3.7E+03	
Sodium Cyanide	143-33-9					4.0E-02	I								1.5E+03		1.5E+03	
Thiocyanate	463-56-9					2.0E-04	P			V					7.3E+00		7.3E+00	
Zinc Cyanide	557-21-1					5.0E-02	I								1.8E+03		1.8E+03	
Dacthal	1861-32-1					1.0E-02	I								3.7E+02		3.7E+02	
Dalapon	75-99-0					3.0E-02	I								1.1E+03		1.1E+03	2.0E+02
DDD	72-54-8	2.4E-01	I									2.8E-01		2.8E-01				
DDE, p,p'-	72-55-9	3.4E-01	I									2.0E-01		2.0E-01				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					2.0E-01		2.0E-01	1.8E+01		1.8E+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					9.6E+01		9.6E+01	2.6E+02		2.6E+02	
Demeton	8065-48-3					4.0E-05	I								1.5E+00		1.5E+00	
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I					5.6E+01		5.6E+01	2.2E+04		2.2E+04	4.0E+02
Diallate	2303-16-4	6.1E-02	H									1.1E+00		1.1E+00				
Diazinon	333-41-5					9.0E-04	H								3.3E+01		3.3E+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	2.7E-02	3.2E-04	3.2E-04	7.3E+00	4.2E-01	3.9E-01	2.0E-01
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I								3.7E+02		3.7E+02	
Dibromochloromethane	124-48-1	8.4E-02	I			2.0E-02	I			V		8.0E-01		8.0E-01	7.3E+02		7.3E+02	
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		3.4E-02	8.1E-03	6.5E-03	3.3E+02	1.9E+01	1.8E+01	5.0E-02
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H			V					3.7E+02		3.7E+02	
Dibutyl Phthalate	84-74-2					1.0E-01	I								3.7E+03		3.7E+03	
Dibutyltin Compounds	NA					3.0E-04	P								1.1E+01		1.1E+01	
Dicamba	1918-00-9					3.0E-02	I								1.1E+03		1.1E+03	
Dichloro-2-butene, 1,4-	764-41-0			2.6E-03	H					V			1.9E-03	1.9E-03				
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I					1.3E+00		1.3E+00	1.5E+02		1.5E+02	
Dichlorobenzene, 1,2-	95-50-1					9.0E-02	I	2.0E-01	H	V					3.3E+03	4.2E+02	3.7E+02	6.0E+02
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C			8.0E-01	I	V		1.2E+01	4.4E-01	4.3E-01		1.7E+03	1.7E+03	7.5E+01
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I									1.5E-01		1.5E-01				
Dichlorodifluoromethane	75-71-8					2.0E-01	I	2.0E-01	H	V					7.3E+03	4.2E+02	3.9E+02	
Dichloroethane, 1,1-	75-34-3	5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1.2E+01	3.0E+00	2.4E+00	7.3E+03		7.3E+03	
Dichloroethane, 1,2-	107-06-2	9.1E-02	I	2.6E-05	I	2.0E-02	P	2.4E+00	A	V		7.4E-01	1.9E-01	1.5E-01	7.3E+02	5.1E+03	6.4E+02	5.0E+00
Dichloroethylene, 1,1-	75-35-4					5.0E-02	I	2.0E-01	I	V					1.8E+03	4.2E+02	3.4E+02	7.0E+00
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.0E-03	H			V					3.3E+02		3.3E+02	
Dichloroethylene, 1,2-cis-	156-59-2					1.0E-02	P			V					3.7E+02		3.7E+02	7.0E+01
Dichloroethylene, 1,2-trans-	156-60-5					2.0E-02	I	6.0E-02	P	V					7.3E+02	1.3E+02	1.1E+02	1.0E+02
Dichlorophenol, 2,4-	120-83-2					3.0E-03	I								1.1E+02		1.1E+02	
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E-02	I								3.7E+02		3.7E+02	7.0E+01
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					8.0E-03	I								2.9E+02		2.9E+02	
Dichloropropane, 1,2-	78-87-5	3.6E-02	C	1.0E-05	C			4.0E-03	I	V		1.9E+00	4.9E-01	3.9E-01		8.3E+00	8.3E+00	5.0E+00
Dichloropropane, 1,3-	142-28-9					2.0E-02	P			V					7.3E+02		7.3E+02	
Dichloropropanol, 2,3-	616-23-9					3.0E-03	I								1.1E+02		1.1E+02	
Dichloropropene, 1,3-	542-75-6	1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		6.7E-01	1.2E+00	4.3E-01	1.1E+03	4.2E+01	4.0E+01	
Dichlorvos	62-73-7	2.9E-01	I			5.0E-04	I	5.0E-04	I			2.3E-01		2.3E-01	1.8E+01		1.8E+01	
Dicyclopentadiene	77-73-6					8.0E-03	P	7.0E-03	P	V					2.9E+02	1.5E+01	1.4E+01	
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I					4.2E-03		4.2E-03	1.8E+00		1.8E+00	

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		SFO	key	IUR	key	RfDo	key	RfCi	key	voc		Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)			mutagen	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Diethyl Phthalate	84-66-2					8.0E-01	I								2.9E+04		2.9E+04	
Diethylene Glycol Monobutyl Ether	112-34-5					1.0E-02	P	2.0E-02	P						3.7E+02		3.7E+02	
Diethylene Glycol Monoethyl Ether	111-90-0					6.0E-02	P	3.0E-03	P						2.2E+03		2.2E+03	
Diethylformamide	617-84-5					1.0E-03	P								3.7E+01		3.7E+01	
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C							1.9E-04		1.9E-04				
Difenzoquat	43222-48-6					8.0E-02	I								2.9E+03		2.9E+03	
Diflubenzuron	35367-38-5					2.0E-02	I								7.3E+02		7.3E+02	
Difluoroethane, 1,1-	75-37-6							4.0E+01	I	V						8.3E+04	8.3E+04	
Diisopropyl Ether	108-20-3							4.0E-01	P	V						8.3E+02	8.3E+02	
Diisopropyl Methylphosphonate	1445-75-6					8.0E-02	I			V					2.9E+03		2.9E+03	
Dimethipin	55290-64-7					2.0E-02	I								7.3E+02		7.3E+02	
Dimethoate	60-51-5					2.0E-04	I								7.3E+00		7.3E+00	
Dimethoxybenzidine, 3,3'-	119-90-4	1.4E-02	H									4.8E+00		4.8E+00				
Dimethyl methylphosphonate	756-79-6	1.7E-03	P			6.0E-02	P					4.0E+01		4.0E+01	2.2E+03		2.2E+03	
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H									1.2E-01		1.2E-01				
Dimethylaniline, 2,4-	95-68-1	7.5E-01	H									9.0E-02		9.0E-02				
Dimethylaniline, N,N-	121-69-7					2.0E-03	I			V					7.3E+01		7.3E+01	
Dimethylbenzidine, 3,3'-	119-93-7	1.1E+01	P									6.1E-03		6.1E-03				
Dimethylformamide	68-12-2					1.0E-01	P	3.0E-02	I						3.7E+03		3.7E+03	
Dimethylphenol, 2,4-	105-67-9					2.0E-02	I								7.3E+02		7.3E+02	
Dimethylphenol, 2,6-	576-26-1					6.0E-04	I								2.2E+01		2.2E+01	
Dimethylphenol, 3,4-	95-65-8					1.0E-03	I								3.7E+01		3.7E+01	
Dimethylterephthalate	120-61-6					1.0E-01	I			V					3.7E+03		3.7E+03	
Dinitro-o-cresol, 4,6-	534-52-1					1.0E-04	P								3.7E+00		3.7E+00	
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.0E-03	I								7.3E+01		7.3E+01	
Dinitrobenzene, 1,2-	528-29-0					1.0E-04	P								3.7E+00		3.7E+00	
Dinitrobenzene, 1,3-	99-65-0					1.0E-04	I								3.7E+00		3.7E+00	
Dinitrobenzene, 1,4-	100-25-4					1.0E-04	P								3.7E+00		3.7E+00	
Dinitrophenol, 2,4-	51-28-5					2.0E-03	I								7.3E+01		7.3E+01	
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I									9.9E-02		9.9E-02				
Dinitrotoluene, 2,4-	121-14-2					2.0E-03	I								7.3E+01		7.3E+01	
Dinitrotoluene, 2,6-	606-20-2					1.0E-03	P								3.7E+01		3.7E+01	
Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E-03	S								7.3E+01		7.3E+01	
Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E-03	S								7.3E+01		7.3E+01	
Dinoseb	88-85-7					1.0E-03	I								3.7E+01		3.7E+01	7.0E+00
Dioxane, 1,4-	123-91-1	1.1E-02	I					3.6E+00	A			6.1E+00		6.1E+00				
Diphenamid	957-51-7					3.0E-02	I								1.1E+03		1.1E+03	
Diphenyl Sulfone	127-63-9					3.0E-03	P								1.1E+02		1.1E+02	
Diphenylamine	122-39-4					2.5E-02	I								9.1E+02		9.1E+02	
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I							8.4E-02		8.4E-02				
Diquat	85-00-7					2.2E-03	I								8.0E+01		8.0E+01	2.0E+01
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C							9.1E-03		9.1E-03				
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C							9.1E-03		9.1E-03				
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C							1.0E-02		1.0E-02				
Disulfoton	298-04-4					4.0E-05	I								1.5E+00		1.5E+00	
Dithiane, 1,4-	505-29-3					1.0E-02	I								3.7E+02		3.7E+02	
Diuron	330-54-1					2.0E-03	I								7.3E+01		7.3E+01	
Dodine	2439-10-3					4.0E-03	I								1.5E+02		1.5E+02	
Dioxins																		
Hexachlorodibenzo-p-dioxin	34465-46-8	1.3E+04	W	3.8E+00	W							5.2E-06		5.2E-06				
Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I							1.1E-05		1.1E-05				

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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc		Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)			mutagen	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
HpCDD, 2,3,7,8-	37871-00-4	1.3E+03	W	3.8E-01	W							5.2E-05		5.2E-05				
OCDD	3268-87-9	3.9E+01	W	1.1E-02	W							1.7E-03		1.7E-03				
PeCDD, 2,3,7,8-	36088-22-9	1.3E+05	W	3.8E+01	W							5.2E-07		5.2E-07				
TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A					5.2E-07		5.2E-07	3.7E-05		3.7E-05	3.0E-05
Endosulfan	115-29-7					6.0E-03	I								2.2E+02		2.2E+02	
Endothall	145-73-3					2.0E-02	I								7.3E+02		7.3E+02	1.0E+02
Endrin	72-20-8					3.0E-04	I								1.1E+01		1.1E+01	2.0E+00
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		6.8E+00	4.1E+00	2.5E+00	2.2E+02	2.1E+00	2.1E+00	
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V						4.2E+01	4.2E+01	
EPTC	759-94-4					2.5E-02	I			V					9.1E+02		9.1E+02	
Ethephon	16672-87-0					5.0E-03	I								1.8E+02		1.8E+02	
Ethion	563-12-2					5.0E-04	I								1.8E+01		1.8E+01	
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H								1.1E+04		1.1E+04	
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I						1.5E+04		1.5E+04	
Ethyl Acetate	141-78-6					9.0E-01	I			V					3.3E+04		3.3E+04	
Ethyl Acrylate	140-88-5	4.8E-02	H							V		1.4E+00		1.4E+00				
Ethyl Chloride	75-00-3							1.0E+01	I	V						2.1E+04	2.1E+04	
Ethyl Ether	60-29-7					2.0E-01	I			V					7.3E+03		7.3E+03	
Ethyl Methacrylate	97-63-2					9.0E-02	H			V					3.3E+03		3.3E+03	
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I								3.7E-01		3.7E-01	
Ethylbenzene	100-41-4	1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		6.1E+00	1.9E+00	1.5E+00	3.7E+03	2.1E+03	1.3E+03	7.0E+02
Ethylene Cyanohydrin	109-78-4					3.0E-02	P								1.1E+03		1.1E+03	
Ethylene Diamine	107-15-3					9.0E-02	P								3.3E+03		3.3E+03	
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C						7.3E+04		7.3E+04	
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I						1.8E+04		1.8E+04	
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C					V		2.2E-01	5.5E-02	4.4E-02				
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I					1.5E+00		1.5E+00	2.9E+00		2.9E+00	
Ethylphthalyl Ethyl Glycolate	84-72-0					3.0E+00	I								1.1E+05		1.1E+05	
Express	101200-48-0					8.0E-03	I								2.9E+02		2.9E+02	
Fenamiphos	22224-92-6					2.5E-04	I								9.1E+00		9.1E+00	
Fenpropathrin	39515-41-8					2.5E-02	I								9.1E+02		9.1E+02	
Fluometuron	2164-17-2					1.3E-02	I								4.7E+02		4.7E+02	
Fluorine (Soluble Fluoride)	7782-41-4					6.0E-02	I								2.2E+03		2.2E+03	4.0E+03
Fluridone	59756-60-4					8.0E-02	I								2.9E+03		2.9E+03	
Flurprimidol	56425-91-3					2.0E-02	I								7.3E+02		7.3E+02	
Flutolanil	66332-96-5					6.0E-02	I								2.2E+03		2.2E+03	
Fluvalinate	69409-94-5					1.0E-02	I								3.7E+02		3.7E+02	
Folpet	133-07-3	3.5E-03	I			1.0E-01	I					1.9E+01		1.9E+01	3.7E+03		3.7E+03	
Fomesafen	72178-02-0	1.9E-01	I									3.5E-01		3.5E-01				
Fonofos	944-22-9					2.0E-03	I								7.3E+01		7.3E+01	
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A						7.3E+03		7.3E+03	
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P						7.3E+04		7.3E+04	
Fosetyl-AL	39148-24-8					3.0E+00	I								1.1E+05		1.1E+05	
Furazolidone	67-45-8	3.8E+00	H									1.8E-02		1.8E-02				
Furfural	98-01-1					3.0E-03	I	5.0E-02	H						1.1E+02		1.1E+02	
Furium	531-82-8	1.5E+00	C	4.3E-04	C							4.5E-02		4.5E-02				
Furmecyclox	60568-05-0	3.0E-02	I									2.2E+00		2.2E+00				
Furans																		
Furan	110-00-9					1.0E-03	I			V					3.7E+01		3.7E+01	
HpCDF, 2,3,7,8-	38998-75-3	1.3E+03	W	3.8E-01	W							5.2E-05		5.2E-05				
HxCDF, 2,3,7,8-	55684-94-1	1.3E+04	W	3.8E+00	W							5.2E-06		5.2E-06				

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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc		Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)			mutagen	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
OCDF	39001-02-0	3.9E+01	W	1.1E-02	W							1.7E-03		1.7E-03				
PeCDF, 1,2,3,7,8-	57117-41-6	3.9E+03	W	1.1E+00	W							1.7E-05		1.7E-05				
PeCDF, 2,3,4,7,8-	57117-31-4	3.9E+04	W	1.1E+01	W							1.7E-06		1.7E-06				
TCDF, 2,3,7,8-	51207-31-9	1.3E+04	W	3.8E+00	W							5.2E-06		5.2E-06				
Glufosinate, Ammonium	77182-82-2					4.0E-04	I								1.5E+01		1.5E+01	
Glycidyl	765-34-4					4.0E-04	I	1.0E-03	H						1.5E+01		1.5E+01	
Glyphosate	1071-83-6					1.0E-01	I								3.7E+03		3.7E+03	7.0E+02
Goal	42874-03-3					3.0E-03	I								1.1E+02		1.1E+02	
Haloxyfop, Methyl	69806-40-2					5.0E-05	I								1.8E+00		1.8E+00	
Harmony	79277-27-3					1.3E-02	I								4.7E+02		4.7E+02	
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I					1.5E-02		1.5E-02	1.8E+01		1.8E+01	4.0E-01
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I					7.4E-03		7.4E-03	4.7E-01		4.7E-01	2.0E-01
Hexabromobenzene	87-82-1					2.0E-03	I								7.3E+01		7.3E+01	
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					4.2E-02		4.2E-02	2.9E+01		2.9E+01	1.0E+00
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P					8.6E-01		8.6E-01	3.7E+01		3.7E+01	
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I							1.1E-02		1.1E-02				
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							3.7E-02		3.7E-02				
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I					6.1E-02		6.1E-02	1.1E+01		1.1E+01	2.0E-01
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							3.7E-02		3.7E-02				
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I						2.2E+02		2.2E+02	5.0E+01
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					4.8E+00		4.8E+00	3.7E+01		3.7E+01	
Hexachlorophene	70-30-4					3.0E-04	I								1.1E+01		1.1E+01	
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	1.1E-01	I			3.0E-03	I					6.1E-01		6.1E-01	1.1E+02		1.1E+02	
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V						2.1E-02	2.1E-02	
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V					2.2E+03	1.5E+03	8.8E+02	
Hexanedioic Acid	124-04-9					2.0E+00	P								7.3E+04		7.3E+04	
Hexazinone	51235-04-2					3.3E-02	I								1.2E+03		1.2E+03	
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			2.0E-04	C			2.2E-02		2.2E-02				
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							2.2E-02		2.2E-02				
Hydrogen Chloride	7647-01-0							2.0E-02	I									
Hydrogen Sulfide	7783-06-4							2.0E-03	I									
Hydroquinone	123-31-9	5.6E-02	P			4.0E-02	P					1.2E+00		1.2E+00	1.5E+03		1.5E+03	
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I								7.3E+00		7.3E+00	
Imazalil	35554-44-0					1.3E-02	I								4.7E+02		4.7E+02	
Imazaquin	81335-37-7					2.5E-01	I								9.1E+03		9.1E+03	
Iprodione	36734-19-7					4.0E-02	I								1.5E+03		1.5E+03	
Iron	7439-89-6					7.0E-01	P								2.6E+04		2.6E+04	
Isobutyl Alcohol	78-83-1					3.0E-01	I			V					1.1E+04		1.1E+04	
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			7.1E+01		7.1E+01	7.3E+03		7.3E+03	
Isopropalin	33820-53-0					1.5E-02	I								5.5E+02		5.5E+02	
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I								3.7E+03		3.7E+03	
Isoxaben	82558-50-7					5.0E-02	I								1.8E+03		1.8E+03	
Kerb	23950-58-5					7.5E-02	I								2.7E+03		2.7E+03	
Lactofen	77501-63-4					2.0E-03	I								7.3E+01		7.3E+01	
Linuron	330-55-2					2.0E-03	I								7.3E+01		7.3E+01	
Lithium	7439-93-2					2.0E-03	P								7.3E+01		7.3E+01	
Lithium Perchlorate	7791-03-9					7.0E-04	I								2.6E+01		2.6E+01	
Londax	83055-99-6					2.0E-01	I								7.3E+03		7.3E+03	
Lead Compounds																		
Lead and Compounds	7439-92-1																	1.5E+01
Tetraethyl Lead	78-00-2					1.0E-07	I								3.7E-03		3.7E-03	

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		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Malathion	121-75-5					2.0E-02	I								7.3E+02		7.3E+02	
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C						3.7E+03		3.7E+03	
Maleic Hydrazide	123-33-1					5.0E-01	I								1.8E+04		1.8E+04	
Malononitrile	109-77-3					1.0E-04	P								3.7E+00		3.7E+00	
Mancozeb	8018-01-7					3.0E-02	H								1.1E+03		1.1E+03	
Maneb	12427-38-2					5.0E-03	I								1.8E+02		1.8E+02	
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I						8.8E+02		8.8E+02	
MCPA	94-74-6					5.0E-04	I								1.8E+01		1.8E+01	
MCPB	94-81-5					1.0E-02	I								3.7E+02		3.7E+02	
MCPP	93-65-2					1.0E-03	I								3.7E+01		3.7E+01	
Mephosfolan	950-10-7					9.0E-05	H								3.3E+00		3.3E+00	
Mepiquat Chloride	24307-26-4					3.0E-02	I								1.1E+03		1.1E+03	
Merphos	150-50-5					3.0E-05	I								1.1E+00		1.1E+00	
Merphos Oxide	78-48-8					3.0E-05	I								1.1E+00		1.1E+00	
Metalaxyl	57837-19-1					6.0E-02	I								2.2E+03		2.2E+03	
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V					3.7E+00	1.5E+00	1.0E+00	
Methamidophos	10265-92-6					5.0E-05	I								1.8E+00		1.8E+00	
Methanol	67-56-1					5.0E-01	I	4.0E+00	C						1.8E+04		1.8E+04	
Methidathion	950-37-8					1.0E-03	I								3.7E+01		3.7E+01	
Methomyl	16752-77-5					2.5E-02	I								9.1E+02		9.1E+02	
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C							1.4E+00		1.4E+00				
Methoxychlor	72-43-5					5.0E-03	I								1.8E+02		1.8E+02	4.0E+01
Methoxyethanol Acetate, 2-	110-49-6					2.0E-03	H								7.3E+01		7.3E+01	
Methoxyethanol, 2-	109-86-4					3.0E-03	P	2.0E-02	I						1.1E+02		1.1E+02	
Methyl Acetate	79-20-9					1.0E+00	H			V					3.7E+04		3.7E+04	
Methyl Acrylate	96-33-3					3.0E-02	H			V					1.1E+03		1.1E+03	
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V					2.2E+04	1.0E+04	7.1E+03	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V					2.9E+03	6.3E+03	2.0E+03	
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V					5.1E+04	1.5E+03	1.4E+03	
Methyl Parathion	298-00-0					2.5E-04	I								9.1E+00		9.1E+00	
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V					2.2E+02	8.3E+01	6.0E+01	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V		3.7E+01	1.9E+01	1.2E+01		6.3E+03	6.3E+03	
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									2.0E+00		2.0E+00				
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							5.2E-01		5.2E-01				
Methylarsonic acid	124-58-3					1.0E-02	A		A						3.7E+02		3.7E+02	
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	I	1.1E+00	A	V		9.0E+00	1.0E+01	4.8E+00	2.2E+03	2.2E+03	1.1E+03	5.0E+00
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P				M	2.2E-01		2.2E-01	7.3E+01		7.3E+01	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I									1.5E+00		1.5E+00				
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C							4.2E-02		4.2E-02				
Methylenediphenyl Diisocyanate	101-68-8							6.0E-04	I									
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V					2.6E+03		2.6E+03	
Metolachlor	51218-45-2					1.5E-01	I								5.5E+03		5.5E+03	
Metribuzin	21087-64-9					2.5E-02	I								9.1E+02		9.1E+02	
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I					3.7E-03		3.7E-03	7.3E+00		7.3E+00	
Molinate	2212-67-1					2.0E-03	I								7.3E+01		7.3E+01	
Molybdenum	7439-98-7					5.0E-03	I								1.8E+02		1.8E+02	
Monochloramine	10599-90-3					1.0E-01	I								3.7E+03		3.7E+03	
Monomethylaniline	100-61-8					2.0E-03	P								7.3E+01		7.3E+01	
Mercury Compounds																		
Mercuric Chloride	7487-94-7					3.0E-04	I								1.1E+01		1.1E+01	
Mercuric Sulfide	1344-48-5					3.0E-04	S								1.1E+01		1.1E+01	

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Contaminant		Toxicity and Chemical-specific Information									Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Mercury (elemental)	7439-97-6							3.0E-04	I	V						6.3E-01	6.3E-01	2.0E+00
Mercury, Inorganic Salts	NA					3.0E-04	I								1.1E+01		1.1E+01	
Methyl Mercury	22967-92-6					1.0E-04	I								3.7E+00		3.7E+00	
Phenylmercuric Acetate	62-38-4					8.0E-05	I								2.9E+00		2.9E+00	
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	P								1.1E+01		1.1E+01	
Naled	300-76-5					2.0E-03	I								7.3E+01		7.3E+01	
Napropamide	15299-99-7					1.0E-01	I								3.7E+03		3.7E+03	
Nickel Refinery Dust	NA			2.4E-04	I													
Nickel Soluble Salts	7440-02-0					2.0E-02	I								7.3E+02		7.3E+02	
Nickel Subsulfide	12035-72-2			4.8E-04	I													
Nitrate	14797-55-8					1.6E+00	I								5.8E+04		5.8E+04	1.0E+04
Nitrite	14797-65-0					1.0E-01	I								3.7E+03		3.7E+03	1.0E+03
Nitroaniline, 3-	99-09-2	2.1E-02	P			3.0E-04	P	1.0E-03	P			3.2E+00		3.2E+00	1.1E+01		1.1E+01	
Nitroaniline, 4-	100-01-6	2.1E-02	P			3.0E-03	P	4.0E-03	P			3.2E+00		3.2E+00	1.1E+02		1.1E+02	
Nitrobenzene	98-95-3					5.0E-04	I	2.0E-03	H	V					1.8E+01	4.2E+00	3.4E+00	
Nitrofurantoin	67-20-9					7.0E-02	H								2.6E+03		2.6E+03	
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C							5.2E-02		5.2E-02				
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P					4.0E+00		4.0E+00	3.7E+00		3.7E+00	
Nitroguanidine	556-88-7					1.0E-01	I								3.7E+03		3.7E+03	
Nitromethane	75-52-5			9.0E-06	P			2.0E-02	P	V			5.4E-01	5.4E-01		4.2E+01	4.2E+01	
Nitropropane, 2-	79-46-9			2.7E-03	H			2.0E-02	I	V			1.8E-03	1.8E-03		4.2E+01	4.2E+01	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I					V		1.2E-02	3.0E-03	2.4E-03				
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I									9.6E-03		9.6E-03				
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C						M	8.0E-04		8.0E-04				
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I									2.4E-02		2.4E-02				
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I						M	1.4E-04		1.4E-04				
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P				M	4.2E-04		4.2E-04	2.9E-01		2.9E-01	
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I									1.4E+01		1.4E+01				
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I									3.1E-03		3.1E-03				
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I							3.2E-02		3.2E-02				
Nitrotoluene, m-	99-08-1					2.0E-02	P								7.3E+02		7.3E+02	
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P			V		3.1E-01		3.1E-01	3.3E+01		3.3E+01	
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P					4.2E+00		4.2E+00	1.5E+02		1.5E+02	
Norflurazon	27314-13-2					4.0E-02	I								1.5E+03		1.5E+03	
Nustar	85509-19-9					7.0E-04	I								2.6E+01		2.6E+01	
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I								1.1E+02		1.1E+02	
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I								1.8E+03		1.8E+03	
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H								7.3E+01		7.3E+01	
Oryzalin	19044-88-3					5.0E-02	I								1.8E+03		1.8E+03	
Oxadiazon	19666-30-9					5.0E-03	I								1.8E+02		1.8E+02	
Oxamyl	23135-22-0					2.5E-02	I								9.1E+02		9.1E+02	2.0E+02
Paclobutrazol	76738-62-0					1.3E-02	I								4.7E+02		4.7E+02	
Paraquat Dichloride	1910-42-5					4.5E-03	I								1.6E+02		1.6E+02	
Parathion	56-38-2					6.0E-03	H								2.2E+02		2.2E+02	
Pebulate	1114-71-2					5.0E-02	H								1.8E+03		1.8E+03	
Pendimethalin	40487-42-1					4.0E-02	I								1.5E+03		1.5E+03	
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I								7.3E+01		7.3E+01	
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E-04	I								3.7E+00		3.7E+00	
Pentachlorobenzene	608-93-5					8.0E-04	I								2.9E+01		2.9E+01	
Pentachloroethane	76-01-7	9.0E-02	P									7.5E-01		7.5E-01				
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I					2.6E-01		2.6E-01	1.1E+02		1.1E+02	

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		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Pentachlorophenol	87-86-5	1.2E-01	I			3.0E-02	I					5.6E-01		5.6E-01	1.1E+03		1.1E+03	1.0E+00
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I								2.6E+01		2.6E+01	
Permethrin	52645-53-1					5.0E-02	I								1.8E+03		1.8E+03	
Phenmedipham	13684-63-4					2.5E-01	I								9.1E+03		9.1E+03	
Phenol	108-95-2					3.0E-01	I	2.0E-01	C						1.1E+04		1.1E+04	
Phenylenediamine, m-	108-45-2					6.0E-03	I								2.2E+02		2.2E+02	
Phenylenediamine, o-	95-54-5	4.7E-02	H									1.4E+00		1.4E+00				
Phenylenediamine, p-	106-50-3					1.9E-01	H								6.9E+03		6.9E+03	
Phenylphenol, 2-	90-43-7	1.9E-03	H									3.5E+01		3.5E+01				
Phorate	298-02-2					2.0E-04	H								7.3E+00		7.3E+00	
Phosmet	732-11-6					2.0E-02	I								7.3E+02		7.3E+02	
Phosphine	7803-51-2					3.0E-04	I	3.0E-04	I						1.1E+01		1.1E+01	
Phosphoric Acid	7664-38-2							1.0E-02	I									
Phosphorus, White	7723-14-0					2.0E-05	I								7.3E-01		7.3E-01	
Phthalic Acid, P-	100-21-0					1.0E+00	H								3.7E+04		3.7E+04	
Phthalic Anhydride	85-44-9					2.0E+00	I	2.0E-02	C						7.3E+04		7.3E+04	
Picloram	1918-02-1					7.0E-02	I								2.6E+03		2.6E+03	5.0E+02
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-03	P								7.3E+01		7.3E+01	
Pirimiphos, Methyl	29232-93-7					1.0E-02	I								3.7E+02		3.7E+02	
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H					2.2E-03		2.2E-03	2.6E-01		2.6E-01	
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I									
Potassium Perchlorate	7778-74-7					7.0E-04	I								2.6E+01		2.6E+01	
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					4.5E-01		4.5E-01	3.3E+02		3.3E+02	
Profluralin	26399-36-0					6.0E-03	H								2.2E+02		2.2E+02	
Prometon	1610-18-0					1.5E-02	I								5.5E+02		5.5E+02	
Prometryn	7287-19-6					4.0E-03	I								1.5E+02		1.5E+02	
Propachlor	1918-16-7					1.3E-02	I								4.7E+02		4.7E+02	
Propanil	709-98-8					5.0E-03	I								1.8E+02		1.8E+02	
Propargite	2312-35-8					2.0E-02	I								7.3E+02		7.3E+02	
Propargyl Alcohol	107-19-7					2.0E-03	I								7.3E+01		7.3E+01	
Propazine	139-40-2					2.0E-02	I								7.3E+02		7.3E+02	
Propham	122-42-9					2.0E-02	I								7.3E+02		7.3E+02	
Propiconazole	60207-90-1					1.3E-02	I								4.7E+02		4.7E+02	
Propylene Glycol	57-55-6					2.0E+01	P								7.3E+05		7.3E+05	
Propylene Glycol Dinitrate	6423-43-4						A	2.7E-04	A	V						5.7E-01	5.7E-01	
Propylene Glycol Monoethyl Ether	1569-02-4					7.0E-01	H								2.6E+04		2.6E+04	
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I						2.6E+04		2.6E+04	
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I			3.0E-02	I	V		2.8E-01	1.3E+00	2.3E-01		6.3E+01	6.3E+01	
Pursuit	81335-77-5					2.5E-01	I								9.1E+03		9.1E+03	
Pydrin	51630-58-1					2.5E-02	I								9.1E+02		9.1E+02	
Pyridine	110-86-1					1.0E-03	I			V					3.7E+01		3.7E+01	
Polychlorinated Biphenyls (PCBs)																		
Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I					9.6E-01		9.6E-01	2.6E+00		2.6E+00	
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I					V		3.4E-02	8.5E-03	6.8E-03				
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I					V		3.4E-02	8.5E-03	6.8E-03				
Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I							3.4E-02		3.4E-02				
Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I							3.4E-02		3.4E-02				
Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I					3.4E-02		3.4E-02	7.3E-01		7.3E-01	
Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I							3.4E-02		3.4E-02				
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	1.3E+01	W	3.8E-03	W							5.2E-03		5.2E-03				
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	1.3E+00	W	3.8E-04	W							5.2E-02		5.2E-02				

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		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.9E+03	W	1.1E+00	W							1.7E-05		1.7E-05				
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	3.9E+00	W	1.1E-03	W							1.7E-02		1.7E-02				
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.3E+04	W	3.8E+00	W							5.2E-06		5.2E-06				
Polychlorinated Biphenyls (low risk)	1336-36-3	4.0E-01	I	1.0E-04	I							1.7E-01		1.7E-01				5.0E-01
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	W	3.8E-03	W							5.2E-03		5.2E-03				
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	3.9E+01	W	1.1E-02	W							1.7E-03		1.7E-03				
Polynuclear Aromatic Hydrocarbons (PAHs)																		
Acenaphthene	83-32-9					6.0E-02	I			V					2.2E+03		2.2E+03	
Anthracene	120-12-7					3.0E-01	I			V					1.1E+04		1.1E+04	
Benz[a]anthracene	56-55-3	7.3E-01	*	1.1E-04	C						M	2.9E-02		2.9E-02				
Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C						M	2.9E-03		2.9E-03				2.0E-01
Benzo[b]fluoranthene	205-99-2	7.3E-01	*	1.1E-04	C						M	2.9E-02		2.9E-02				
Benzo[k]fluoranthene	207-08-9	7.3E-02	*	1.1E-04	C						M	2.9E-01		2.9E-01				
Chrysene	218-01-9	7.3E-03	*	1.1E-05	C						M	2.9E+00		2.9E+00				
Dibenz[a,h]anthracene	53-70-3	7.3E+00	*	1.2E-03	C						M	2.9E-03		2.9E-03				
Fluoranthene	206-44-0					4.0E-02	I								1.5E+03		1.5E+03	
Fluorene	86-73-7					4.0E-02	I			V					1.5E+03		1.5E+03	
Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	*	1.1E-04	C						M	2.9E-02		2.9E-02				
Methylnaphthalene, 1-	90-12-0	2.9E-02	P							V		2.3E+00		2.3E+00				
Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V					1.5E+02		1.5E+02	
Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V			1.4E-01	1.4E-01	7.3E+02	6.3E+00	6.2E+00	
Pyrene	129-00-0					3.0E-02	I			V					1.1E+03		1.1E+03	
Quinalphos	13593-03-8					5.0E-04	I								1.8E+01		1.8E+01	
Quinoline	91-22-5	3.0E+00	I									2.2E-02		2.2E-02				
Refractory Ceramic Fibers	NA							3.0E-02	A									
Resmethrin	10453-86-8					3.0E-02	I								1.1E+03		1.1E+03	
Ronnel	299-84-3					5.0E-02	H								1.8E+03		1.8E+03	
Rotenone	83-79-4					4.0E-03	I								1.5E+02		1.5E+02	
Savey	78587-05-0					2.5E-02	I								9.1E+02		9.1E+02	
Selenious Acid	7783-00-8					5.0E-03	I								1.8E+02		1.8E+02	
Selenium	7782-49-2					5.0E-03	I								1.8E+02		1.8E+02	5.0E+01
Selenourea	630-10-4					5.0E-03	H								1.8E+02		1.8E+02	
Sethoxydim	74051-80-2					9.0E-02	I								3.3E+03		3.3E+03	
Silver	7440-22-4					5.0E-03	I								1.8E+02		1.8E+02	
Simazine	122-34-9	1.2E-01	H			5.0E-03	I					5.6E-01		5.6E-01	1.8E+02		1.8E+02	4.0E+00
Sodium Acifluorfen	62476-59-9					1.3E-02	I								4.7E+02		4.7E+02	
Sodium Azide	26628-22-8					4.0E-03	I								1.5E+02		1.5E+02	
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H			3.0E-02	I					2.5E-01		2.5E-01	1.1E+03		1.1E+03	
Sodium Fluoroacetate	62-74-8					2.0E-05	I								7.3E-01		7.3E-01	
Sodium Metavanadate	13718-26-8					1.0E-03	H								3.7E+01		3.7E+01	
Sodium Perchlorate	7601-89-0					7.0E-04	I								2.6E+01		2.6E+01	
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I					2.8E+00		2.8E+00	1.1E+03		1.1E+03	
Strontium, Stable	7440-24-6					6.0E-01	I								2.2E+04		2.2E+04	
Strychnine	57-24-9					3.0E-04	I								1.1E+01		1.1E+01	

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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V					7.3E+03	2.1E+03	1.6E+03	1.0E+02
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					5.0E-03	P								1.8E+02		1.8E+02	
Systhane	88671-89-0					2.5E-02	I								9.1E+02		9.1E+02	
TCMTB	21564-17-0					3.0E-02	H								1.1E+03		1.1E+03	
Tebuthiuron	34014-18-1					7.0E-02	I								2.6E+03		2.6E+03	
Temephos	3383-96-8					2.0E-02	H								7.3E+02		7.3E+02	
Terbacil	5902-51-2					1.3E-02	I								4.7E+02		4.7E+02	
Terbufos	13071-79-9					2.5E-05	H								9.1E-01		9.1E-01	
Terbutryn	886-50-0					1.0E-03	I								3.7E+01		3.7E+01	
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I								1.1E+01		1.1E+01	
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V		2.6E+00	6.6E-01	5.2E-01	1.1E+03		1.1E+03	
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P			V		3.4E-01	8.4E-02	6.7E-02	1.5E+02		1.5E+02	
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1.2E-01	8.2E-01	1.1E-01	3.7E+02	5.7E+02	2.2E+02	5.0E+00
Tetrachlorophenol, 2,3,4,6-	58-90-2					3.0E-02	I								1.1E+03		1.1E+03	
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H									3.4E-03		3.4E-03				
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I								1.8E+01		1.8E+01	
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V						1.7E+05	1.7E+05	
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P								1.5E+02		1.5E+02	
Thallium (I) Nitrate	10102-45-1					9.0E-05	I								3.3E+00		3.3E+00	
Thallium (Soluble Salts)	7440-28-0					6.5E-05	S								2.4E+00		2.4E+00	2.0E+00
Thallium Acetate	563-68-8					9.0E-05	I								3.3E+00		3.3E+00	
Thallium Carbonate	6533-73-9					8.0E-05	I								2.9E+00		2.9E+00	
Thallium Chloride	7791-12-0					8.0E-05	I								2.9E+00		2.9E+00	
Thallium Sulfate	7446-18-6					8.0E-05	I								2.9E+00		2.9E+00	
Thiobencarb	28249-77-6					1.0E-02	I								3.7E+02		3.7E+02	
Thiofanox	39196-18-4					3.0E-04	H								1.1E+01		1.1E+01	
Thiophanate, Methyl	23564-05-8					8.0E-02	I								2.9E+03		2.9E+03	
Thiram	137-26-8					5.0E-03	I								1.8E+02		1.8E+02	
Tin	7440-31-5					6.0E-01	H								2.2E+04		2.2E+04	
Toluene	108-88-3					8.0E-02	I	5.0E+00	I	V					2.9E+03	1.0E+04	2.3E+03	1.0E+03
Toluene diisocyanate mixture (TDI)	26471-62-5							7.0E-05	I	V						1.5E-01	1.5E-01	
Toluene-2,4-diamine	95-80-7	3.8E+00	C	1.1E-03	C							1.8E-02		1.8E-02				
Toluene-2,5-diamine	95-70-5					6.0E-01	H								2.2E+04		2.2E+04	
Toluene-2,6-diamine	823-40-5					3.0E-02	P								1.1E+03		1.1E+03	
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.8E-01	C	5.1E-05	C							3.7E-01		3.7E-01				
Toluidine, p-	106-49-0	1.9E-01	H									3.5E-01		3.5E-01				
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I							6.1E-02		6.1E-02				3.0E+00
Tralomethrin	66841-25-6					7.5E-03	I								2.7E+02		2.7E+02	
Triallate	2303-17-5					1.3E-02	I								4.7E+02		4.7E+02	
Triasulfuron	82097-50-5					1.0E-02	I								3.7E+02		3.7E+02	
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I								1.8E+02		1.8E+02	
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P					7.3E+00		7.3E+00	7.3E+03		7.3E+03	
Tributyltin Compounds	NA					3.0E-04	P								1.1E+01		1.1E+01	
Tributyltin Oxide	56-35-9					3.0E-04	I								1.1E+01		1.1E+01	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.0E+01	I	3.0E+01	H	V					1.1E+06	6.3E+04	5.9E+04	
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H									2.3E+00		2.3E+00				
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H									2.0E+00		2.0E+00				
Trichlorobenzene, 1,2,4-	120-82-1	3.6E-03	C			1.0E-02	I	4.0E-03	P	V		1.9E+01		1.9E+01	3.7E+02	8.3E+00	8.2E+00	7.0E+01
Trichloroethane, 1,1,1-	71-55-6					2.0E+00	I	5.0E+00	I	V					7.3E+04	1.0E+04	9.1E+03	2.0E+02
Trichloroethane, 1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	4.0E-03	I			V		1.2E+00	3.0E-01	2.4E-01	1.5E+02		1.5E+02	5.0E+00
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C					V		5.2E+00	2.4E+00	1.7E+00				5.0E+00

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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V					1.1E+04	1.5E+03	1.3E+03	
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I								3.7E+03		3.7E+03	
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P					6.1E+00		6.1E+00	3.7E+01		3.7E+01	
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1					8.0E-03	I								2.9E+02		2.9E+02	5.0E+01
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I								3.7E+02		3.7E+02	
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V					1.8E+02		1.8E+02	
Trichloropropane, 1,2,3-	96-18-4	7.0E+00	H			6.0E-03	I			V		9.6E-03		9.6E-03	2.2E+02		2.2E+02	
Trichloropropene, 1,2,3-	96-19-5					1.0E-02	P	1.0E-03	P	V					3.7E+02	2.1E+00	2.1E+00	
Tridiphane	58138-08-2					3.0E-03	I								1.1E+02		1.1E+02	
Triethylamine	121-44-8							7.0E-03	I	V						1.5E+01	1.5E+01	
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I					8.7E+00		8.7E+00	2.7E+02		2.7E+02	
Trimethyl Phosphate	512-56-1	3.7E-02	H									1.8E+00		1.8E+00				
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V						1.5E+01	1.5E+01	
Trimethylbenzene, 1,3,5-	108-67-8					5.0E-02	P	6.0E-03	P	V					1.8E+03	1.3E+01	1.2E+01	
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I								1.1E+03		1.1E+03	
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I					2.2E+00		2.2E+00	1.8E+01		1.8E+01	
Triphenylphosphine Oxide	791-28-6					2.0E-02	P								7.3E+02		7.3E+02	
Tris(2-chloroethyl)phosphate	115-96-8	1.4E-02	P			3.0E-01	P					4.8E+00		4.8E+00	1.1E+04		1.1E+04	
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P					2.1E+01		2.1E+01	3.7E+03		3.7E+03	
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I								3.7E+00		3.7E+00	
Tri-n-butyltin	688-73-3					3.0E-04	A								1.1E+01		1.1E+01	
Uranium (Soluble Salts)	NA					3.0E-03	I								1.1E+02		1.1E+02	
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P						3.3E+02		3.3E+02	
Vanadium Sulfate	36907-42-3					2.0E-02	H								7.3E+02		7.3E+02	
Vanadium and Compounds	NA					5.0E-03	S								1.8E+02		1.8E+02	
Vanadium, Metallic	7440-62-2					7.0E-03	H								2.6E+02		2.6E+02	
Vernolate	1929-77-7					1.0E-03	I								3.7E+01		3.7E+01	
Vinclozolin	50471-44-8					2.5E-02	I								9.1E+02		9.1E+02	
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V					3.7E+04	4.2E+02	4.1E+02	
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V			1.5E-01	1.5E-01		6.3E+00	6.3E+00	
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.7E-02	3.2E-01	1.6E-02	1.1E+02	2.1E+02	7.2E+01	2.0E+00
Warfarin	81-81-2					3.0E-04	I								1.1E+01		1.1E+01	
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V					7.3E+03	2.1E+02	2.0E+02	1.0E+04
Xylene, P-	106-42-3							7.0E-01	C	V						1.5E+03	1.5E+03	
Xylene, m-	108-38-3					2.0E+00	H	7.0E-01	C	V					7.3E+04	1.5E+03	1.4E+03	
Xylene, o-	95-47-6					2.0E+00	H	7.0E-01	C	V					7.3E+04	1.5E+03	1.4E+03	
Zinc (Metallic)	7440-66-6					3.0E-01	I								1.1E+04		1.1E+04	
Zinc Phosphide	1314-84-7					3.0E-04	I								1.1E+01		1.1E+01	
Zineb	12122-67-7					5.0E-02	I								1.8E+03		1.8E+03	

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{OC}	K_{OC} Ref	S (mg/L)	S Ref
Acephate	30560-19-1	183.16	EPI	2.00E-11	not listed	1.35	CRC 87th edition					21.8	EPI (PCKOCWIN)	818000	Wauchope et al. (1991a)
Acetaldehyde	75-07-0	44.05	EPI	2.70E-03	Gaffney et al. (1987)	0.7834	CRC 87th edition	1.30E-01	USEPA 2001	1.40E-05	USEPA 2001	1.498	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acetochlor	34256-82-1	269.77	EPI	9.10E-07	EPI (HenryWin)							176.4	EPI (PCKOCWIN)	223	Shiu et al. (1990)
Acetone	67-64-1	58.08	EPI	1.60E-03	Taft et al. (1985)	0.7845	CRC 87th edition	1.10E-01	USEPA 2001	1.10E-05	USEPA 2001	1.981	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acetone Cyanohydrin	75-86-5	85.11	EPI	5.30E-04	EPI (HenryWin)	0.932	CRC 87th edition	8.60E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Smiley (1981)
Acetonitrile	75-05-8	41.05	EPI	1.40E-03	Gaffney et al. (1987)	0.7857	CRC 87th edition	1.30E-01	USEPA 2001	1.40E-05	USEPA 2001	4.5	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acetophenone	98-86-2	120.15	EPI	4.30E-04	Betterton (1991)	1.0281	CRC 87th edition	6.50E-02	USEPA 2001	8.70E-06	USEPA 2001	46.2	EPI (PCKOCWIN)	6130	Southworth and Keller (1986)
Acrolein	107-02-8	56.06	EPI	5.00E-03	Gaffney et al. (1987)	0.84	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	2.763	EPI (PCKOCWIN)	212000	Seidell (1941)
Acrylamide	79-06-1	71.08	EPI	4.10E-08	not listed							10.46	EPI (PCKOCWIN)	640000	Yalkowsky and Dannenfelser (1992)
Acrylic Acid	79-10-7	72.06	EPI	1.50E-05	not listed	1.0511	CRC 87th edition	1.00E-01	USEPA 2001	1.20E-05	USEPA 2001	1.201	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acrylonitrile	107-13-1	53.06	EPI	5.60E-03	Bocek (1976)	0.8007	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	8.3	EPI (PCKOCWIN)	74500	Yalkowsky and Dannenfelser (1992)
Adiponitrile	111-69-3	108.14	EPI	4.90E-08	not listed	0.9676	CRC 87th edition	7.10E-02	USEPA 2001	9.00E-06	USEPA 2001	96.05	EPI (PCKOCWIN)	80000	Smiley (1981)
Alachlor	15972-60-8	269.77	EPI	3.40E-07	Fendinger and Glotfelty (1988)	1.133	CRC 87th edition					184.8	EPI (PCKOCWIN)	240	Chesters et al. (1989)
ALAR	1596-84-5	160.17	EPI	1.70E-08	not listed							10	EPI (PCKOCWIN)	100000	Tomlin (1994)
Aldicarb	116-06-3	190.26	EPI	5.90E-08	not listed	1.195	CRC 87th edition					32.49	EPI (PCKOCWIN)	6030	Bowman and Sans (1983a)
Aldicarb Sulfone	1646-88-4	222.26	EPI	1.40E-07	not listed							10	EPI (PCKOCWIN)	10000	Wauchope et al. (1991a)
Aldrin	309-00-2	364.92	EPI	1.80E-03	Altschuh et al. (1999)							105600	EPI (PCKOCWIN)	0.017	Yalkowsky and Dannenfelser (1992)
Ally	74223-64-6	381.37	EPI	3.10E-12	EPI (HenryWin)							69.22	EPI (PCKOCWIN)	9500	Beyer et al. (1988)
Allyl Alcohol	107-18-6	58.08	EPI	2.00E-04	Hine and Mookerjee (1975)	0.854	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	1.325	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Allyl Chloride	107-05-1	76.53	EPI	4.50E-01	not listed	0.9376	CRC 87th edition	9.40E-02	USEPA 2001	1.10E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	3370	Dilling (1977)
Aluminum	7429-90-5	30.01	EPI											0	CRC 85th edition, considered insoluble
Aluminum Phosphide	20859-73-8	57.96	EPI											0	CRC 85th edition, reacts in water and/or decomposes.
Amdro	67485-29-4	494.49	EPI	9.00E-05	not listed							634200000	EPI (PCKOCWIN)	0.006	Tomlin (1994)
Ametryn	834-12-8	227.33	EPI	9.80E-08	not listed							445.1	EPI (PCKOCWIN)	209	Yalkowsky and Dannenfelser (1992)
Aminophenol, m-	591-27-5	109.13	EPI	1.10E-08	EPI (HenryWin)							72.53	EPI (PCKOCWIN)	27000	Yalkowsky and Dannenfelser (1992)
Aminophenol, p-	123-30-8	109.13	EPI	3.90E-08	not listed							72.53	EPI (PCKOCWIN)	6000	Dunn (1954)
Amitraz	33089-61-1	293.42	EPI	4.00E-04	Tomlin (1997)	1.128	CRC 87th edition					643500	EPI (PCKOCWIN)	1	Shiu et al. (1990)
Ammonia	7664-41-7	17.03	EPI	6.60E-04	HLC from PHYPROP converted to H'									482000	PHYSPROP, measured at 24 degrees Celsius.
Ammonium Perchlorate	7790-98-9	117.49	EPI											245000	CRC 85th edition, measured at 25 degrees Celsius.
Ammonium Sulfamate	7773-06-0	97.09	EPI												
Aniline	62-53-3	93.13	EPI	8.30E-05	Jayasinghe et al. (1992)	1.0217	CRC 87th edition	8.30E-02	USEPA 2001	1.00E-05	USEPA 2001	44.78	EPI (PCKOCWIN)	36000	Yalkowsky and Dannenfelser (1992)
Antimony (metallic)	7440-36-0	124.78	EPI											0	CRC 85th edition, assigned a water solubility value of 0
Antimony Pentoxide	1314-60-9													3000	CRC 85th edition, measured at 20 degrees Celsius.
Antimony Potassium Tartrate	11071-15-1														
Antimony Tetroxide	1332-81-6	307.52	EPI												
Antimony Trioxide	1309-64-4	291.52	EPI												
Apollo	74115-24-5	303.15	EPI	1.60E-08	not listed							645400	EPI (PCKOCWIN)	1	Merck Index (1996)
Aramite	140-57-8	334.86	EPI	7.80E-06	EPI (HenryWin)	1.143	CRC 87th edition					20150	EPI (PCKOCWIN)	0.5902	EPI (WSKOWWIN)
Arsenic, Inorganic	7440-38-2	77.95	EPI											0	CRC 85th edition, considered insoluble
Arsine	7784-42-1	77.95	EPI											957.6	Lange's (15th Ed.), measured at 20 degrees Celsius.
Assure	76578-14-8	372.81	EPI	4.30E-07	not listed							5423	EPI (PCKOCWIN)	0.4	Shiu et al. (1990)
Asulam	3337-71-1	230.24	EPI	7.00E-11	EPI (HenryWin)							41.58	EPI (PCKOCWIN)	5000	Yalkowsky and Dannenfelser (1992)
Atrazine	1912-24-9	215.69	EPI	9.60E-08	not listed							230.4	EPI (PCKOCWIN)	34.7	Ward and Weber (1968)
Avermectin B1	65195-55-3	875.12	EPI	5.40E-26	EPI (HenryWin)							1288	EPI (PCKOCWIN)	0.0003504	EPI (WSKOWWIN)
Azobenzene	103-33-3	182.23	EPI	5.50E-04	not listed	1.09	CHEMFINDER	3.40E-02	USEPA 2001	7.00E-06	USEPA 2001	1954	EPI (PCKOCWIN)	6.4	Takagishi et al. (1969)
Barium	7440-39-3	137.33	EPI											0	CRC 85th edition, reacts in water and/or decomposes.
Baygon	114-26-1	209.25	EPI	5.80E-08	not listed	1.12	CRC 87th edition					44.18	EPI (PCKOCWIN)	1860	Bowman and Sans (1983)
Bayleton	43121-43-3	293.76	EPI	3.30E-09	not listed	1.22	CRC 87th edition					5224	EPI (PCKOCWIN)	71.5	Wauchope et al. (1991a)
Baythroid	68359-37-5	434.3	EPI	6.10E-09	not listed							178600	EPI (PCKOCWIN)	0.003	Tomlin (1997)
Benefin	1861-40-1	335.29	EPI	1.20E-02	not listed							9682	EPI (PCKOCWIN)	0.1	Tomlin (1997)
Benomyl	17804-35-2	290.32	EPI	2.00E-10	USDA Pest. Prop. Database							519.9	EPI (PCKOCWIN)	3.8	Yalkowsky and Dannenfelser (1992)
Bentazon	25057-89-0	240.28	EPI	8.90E-08	not listed							37.51	EPI (PCKOCWIN)	500	Shiu et al. (1990)
Benzaldehyde	100-52-7	106.13	EPI	1.10E-03	Betterton and Hoffman (1988)	1.0401	CRC 87th edition	7.40E-02	USEPA 2001	9.50E-06	USEPA 2001	32.67	EPI (PCKOCWIN)	6570	Yalkowsky and Dannenfelser (1992)
Benzene	71-43-2	78.11	EPI	2.30E-01	MacKay et al. (1979)	0.8765	CRC 87th edition	9.00E-02	USEPA 2001	1.00E-05	USEPA 2001	165.5	EPI (PCKOCWIN)	1790	May et al. (1983)
Benzenethiol	108-98-5	110.17	EPI	1.40E-02	not listed	1.0775	CRC 87th edition	7.30E-02	USEPA 2001	9.50E-06	USEPA 2001	268	EPI (PCKOCWIN)	835	Wakita et al. (1986)
Benzidine	92-87-5	184.24	EPI	2.90E-09	EPI (HenryWin)							2740	EPI (PCKOCWIN)	322	Yalkowsky and Dannenfelser (1992)
Benzoic Acid	65-85-0	122.12	EPI	1.60E-06	not listed	1.2659	CRC 87th edition					14.49	EPI (PCKOCWIN)	3400	Yalkowsky and Dannenfelser (1992)
Benzotrichloride	98-07-7	195.48	EPI	1.10E-02	EPI (HenryWin)	1.3723	CRC 87th edition	3.10E-02	USEPA 2001	7.70E-06	USEPA 2001	1181	EPI (PCKOCWIN)	21.72	EPI (WSKOWWIN)
Benzyl Alcohol	100-51-6	108.14	EPI	1.40E-05	Abraham et al. (1994)	1.0419	CRC 87th edition	7.30E-02	USEPA 2001	9.40E-06	USEPA 2001	15.66	EPI (PCKOCWIN)	42900	Yalkowsky and Dannenfelser (1992)
Benzyl Chloride	100-44-7	126.59	EPI	1.70E-02	not listed	1.1004	CRC 87th edition	6.30E-02	USEPA 2001	8.80E-06	USEPA 2001	517.8	EPI (PCKOCWIN)	20	Tallan et al. (1986)
Beryllium and compounds	7440-41-7	9.01	EPI											0	Lange's (15th Ed.), considered insoluble
Bidrin	141-66-2	237.19	EPI	2.10E-09	Dupont (Pest. Prop. Database)	1.216	CRC 87th edition					366.2	EPI (PCKOCWIN)	1000000	Shiu et al. (1990)
Bifenox	42576-02-3	342.14	EPI	4.40E-06	not listed							3794	EPI (PCKOCWIN)	0.398	Wauchope et al. (1991a)
Biphenthrin	82657-04-3	422.88	EPI	4.10E-05	not listed	1.2	CRC 87th edition					3228000	EPI (PCKOCWIN)	0.1	Tomlin (1997)
Biphenyl, 1,1'-	92-52-4	154.21	EPI	1.30E-02	Shiu and MacKay (1997)	1.04	CRC 87th edition	4.70E-02	USEPA 2001	7.60E-06	USEPA 2001	6250	EPI (PCKOCWIN)	6.94	Pearlman et al. (1984)
Bis(2-chloroethoxy)methane	111-91-1	173.04	EPI	6.90E-06	EPI (HenryWin)							2.767	EPI (PCKOCWIN)	7800	Beilstein
Bis(2-chloroethyl)ether	111-44-4	143.01	EPI	7.00E-04	not listed	1.22	CRC 87th edition	5.70E-02	USEPA 2001	8.70E-06	USEPA 2001	14.95	EPI (PCKOCWIN)	17200	Veith et al. (1980)
Bis(2-chloro-1-methylethyl) ether	108-60-1	171.07	EPI	4.60E-03	not listed	1.103	CRC 87th edition	4.00E-02	USEPA 2001	7.40E-06	USEPA 2001	39.22	EPI (PCKOCWIN)	1700	Yalkowsky and Dannenfelser (1992)
Bis(2-ethylhexyl)phthalate	117-81-7	390.57	EPI	1.10E-05	not listed	0.981	CRC 87th edition					165400	EPI (PCKOCWIN)	0.27	Defoe et al. (1990)
Bis(chloromethyl)ether	542-88-1	114.96	EPI	8.40E-03	not listed	1.323	CRC 87th edition	7.60E-02	USEPA 2001	1.00E-05	USEPA 2001	4.395	EPI (PCKOCWIN)	22000	Mabey et al. (1981)
Bisphenol A	80-05-7	228.29	EPI	3.70E-10	EPI (HenryWin)							75190	EPI (PCKOCWIN)	120	Dorn et al. (1987)
Boron And Borates Only	7440-42-8	13.84	EPI											0	CRC 85th edition, considered insoluble
Boron Trifluoride	7637-07-2	67.81	EPI											3320000	Lange's (15th Ed.), measured at 0 degrees Celsius.
Bromate	15541-45-4	79.9	EPI												
Bromobenzene	108-86-1	157.01	EPI	1.00E-01	Shiu and MacKay (1997)	1.495	CRC 87th edition	5.40E-02	USEPA 2001	9.30E-06	USEPA 2001	268	EPI (PCKOCWIN)	446	Chiou et al. (1977)
Bromodichloromethane	75-27-4	163.83	EPI	8.70E-02	Warner et al. (1987)	1.98	CRC 87th edition	5.60E-02	USEPA 2001	1.10E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	3030	Yalkowsky and Dannenfelser (1992)
Bromoform	75-25-2	252.73	EPI	2.20E-02	Munz and Roberts (1987)	2.8788	CRC 87th edition					35.04	EPI (PCKOCWIN)	3100	Horvath (1982)
Bromomethane	74-83-9	94.94	EPI	2.60E-01	not listed	1.6755	CRC 87th edition	1.00E-01	USEPA 2001	1.30E-05	USEPA 2001	14.3	EPI (PCKOCWIN)	15200	Horvath (1982)
Bromophos	2104-96-3	365.99	EPI	8.40E-03	not listed							2008	EPI (PCKOCWIN)	0.3	Bowman and Sans (1983a)
Bromoxynil	1689-84-5	276.92	EPI	5.40E-09	not listed							434.5	EPI (PCKOCWIN)	130	Worthing and Walker (1987)
Bromoxynil Octanoate	1689-99-2	403.12	EPI	1.30E-03	not listed							4847	EPI (PCKOCWIN)	0.08	USDA Pest. Prop. Database
Butadiene, 1,3-	106-99-0	54.09	EPI	3.00E+00	not listed	0.6149	CRC 87th edition	1.00E-01	USEPA 2001	1.00E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	735	McAuliffe (1966)
Butanol, N-	71-36-3	74.12	EPI	3.60E-04	Buttery et al. (1969)	0.8095	CRC 87th edition	9.00E-02	USEPA 2001	1.00E-05	USEPA 2001	2.443	EPI (PCKOCWIN)	63200	Tewari et al. (1982)
Butyl Benzyl Phthlate	85-68-7	312.37	EPI	5.20E-05	not listed	1.119	CRC 87th edition					9359	EPI (PCKOCWIN)	2.69	Howard et al. (1985)
Butylate	2008-41-5	217.37	EPI	3.50E-03	not listed	0.9402	CRC 87th edition					616	EPI (PCKOCWIN)	45	Yalkowsky and Dannenfelser (1992)
Butylphthalyl Butylglycolate	85-70-1	336.39	EPI	1.30E-07	EPI (HenryWin)							14830	EPI (PCKOCWIN)	2.135	EPI (WSKOWWIN)
Cacodylic Acid	75-60-5	138	EPI									48.64	EPI (PCKOCWIN)	2000000	EPI (WSKOWWIN)
Cadmium (Diet)	7440-43-9	112.41	EPI											0	CRC 85th edition, considered insoluble
Cadmium (Water)	7440-43-9	112.41	EPI											0	CRC 85th edition, considered insoluble
Caprolactam	105-60-2	113.16	EPI	1.00E-06	EPI (HenryWin)							57.35	EPI (PCKOCWIN)	772000	Yalkowsky and Dannenfelser (1992)
Captafol	2425-06-1	349.06	EPI	8.80E-08	EPI (HenryWin)							2736	EPI (PCKOCWIN)	1.4	Worthing and Walker (1987)
Captan	133-06-2	300.59	EPI	2.90E-07	not listed	1.74	CRC 87th edition					862.2	EPI (PCKOCWIN)	5.1	Wauchope et al. (1991a)
Carbaryl	63-25-2	201.23	EPI	1.80E-07	not listed	1.228	CRC 87th edition					241.7	EPI (PCKOCWIN)	110	Pest. Prop. Database
Carbofuran	1563-66-2	221.26	EPI	1.30E-07	not listed	1.18	CRC 87th edition					70.85	EPI (PCKOCWIN)	320	Sharom et al. (1980a)
Carbon Disulfide	75-15-0	76.13	EPI	5.90E-01	Elliot (1989)	1.2632	CRC 87th edition	1.10E-01	USEPA 2001	1.30E-05	USEPA 2001	1	EPI (PCKOCWIN)	1180	Seidell (1941)

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{oc}	K_{oc} Ref	S (mg/L)	S Ref
Carbon Tetrachloride	56-23-5	153.82	EPI	1.10E+00	Leighton and Calo (1981)	1.594	CRC 87th edition	5.70E-02	USEPA 2001	9.80E-06	USEPA 2001	48.64	EPI (PCKOCWIN)	793	Horvath (1982)
Carbosulfan	55285-14-8	380.55	EPI	2.10E-05	not listed	1.056	CRC 87th edition					15020	EPI (PCKOCWIN)	0.3	Tomlin (1994)
Carboxin	5234-68-4	235.3	EPI	1.10E-08	not listed							79.96	EPI (PCKOCWIN)	199	Tomlin (1994)
Chloral Hydrate	302-17-0	165.4	EPI	4.50E-09	EPI (HenryWin)	1.9081	CRC 87th edition	5.40E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PCKOCWIN)	3830000	Yalkowsky and Dannenfelser (1992)
Chloramben	133-90-4	206.03	EPI	1.60E-09	not listed							10.72	EPI (PCKOCWIN)	700	Martin and Worthing (1977)
Chloranil	118-75-2	245.88	EPI	1.30E-08	EPI (HenryWin)							10.8	EPI (PCKOCWIN)	250	Yalkowsky and Dannenfelser (1992)
Chlordane	12789-03-6	409.78	EPI	2.20E-03	Warner et al. (1987)	1.6	CRC 87th edition					86650	EPI (PCKOCWIN)	0.056	Sanborn et al. (1976)
Chlordecone (Kepone)	143-50-0	490.64	EPI	2.20E-06	not listed	1.61	CRC 87th edition					17520	EPI (PCKOCWIN)	2.7	Kilzer et al. (1979)
Chlorimuron, Ethyl-	90982-32-4	414.82	EPI	7.40E-14	not listed							78.19	EPI (PCKOCWIN)	1200	Tomlin (1997)
Chlorine	7782-50-5	70.91	EPI	4.80E-01	HLC from PHYPROP converted to H'									6300	PHYSPROP
Chlorine Dioxide	10049-04-4	67.45	EPI											112000	Lange's (15th Ed.), measured at 10 degrees Celsius.
Chlorite (Sodium Salt)	7758-19-2	90.44	EPI											640000	CRC 85th edition, measured at 17 degrees Celsius.
Chloro-1,1-difluoroethane, 1-	75-68-3	100.5	EPI	2.40E+00	Chang and Criddle (1995)	1.107	CRC 87th edition	8.00E-02	USEPA 2001	1.00E-05	USEPA 2001	48.64	EPI (PCKOCWIN)	1400	Chang and Criddle (1995)
Chloro-1,3-butadiene, 2-	126-99-8	88.54	EPI	2.30E+00	EPI (HenryWin)	0.956	CRC 87th edition	8.40E-02	USEPA 2001	1.00E-05	USEPA 2001	67.7	EPI (PCKOCWIN)	874.9	EPI (WSKOWWIN)
Chloro-2-methylaniline HCl, 4-	3165-93-3	141.6	EPI	8.10E-05	EPI (HenryWin)			7.00E-02	USEPA 1987	8.20E-06	USEPA 1987	119.9	EPI (PCKOCWIN)	953.9	EPI (WSKOWWIN)
Chloro-2-methylaniline, 4-	95-69-2	141.6	EPI	8.10E-05	EPI (HenryWin)			7.00E-02	USEPA 1987	8.20E-06	USEPA 1987	119.9	EPI (PCKOCWIN)	953.9	EPI (WSKOWWIN)
Chloroacetic Acid	79-11-8	94.5	EPI	3.90E-07	not listed	1.4043	CRC 87th edition					1.201	EPI (PCKOCWIN)	858000	Seidell (1941)
Chloroacetophenone, 2-	532-27-4	154.6	EPI	1.30E-04	EPI (HenryWin)	1.324	CRC 87th edition	5.20E-02	USEPA 2001	8.70E-06	USEPA 2001	89.26	EPI (PCKOCWIN)	1635	EPI (WSKOWWIN)
Chloroaniline, p-	106-47-8	127.57	EPI	4.70E-05	not listed	1.429	CRC 87th edition	7.00E-02	USEPA 2001	1.00E-05	USEPA 2001	72.53	EPI (PCKOCWIN)	3900	Kilzer et al. (1979)
Chlorobenzene	108-90-7	112.56	EPI	1.30E-01	Shiu and MacKay (1997)	1.1058	CRC 87th edition	7.20E-02	USEPA 2001	9.50E-06	USEPA 2001	268	EPI (PCKOCWIN)	498	Horvath (1982)
Chlorobenzilate	510-15-6	325.19	EPI	3.00E-06	not listed	1.2816	CRC 87th edition					1263	EPI (PCKOCWIN)	13	Furer and Geiger (1977)
Chlorobenzotrifluoride, 4-	98-56-6	180.56	EPI	1.40E+00	EPI (HenryWin)	1.334	CRC 87th edition	0.038	USEPA 2001	8E-06	USEPA 2001	1912	EPI (PCKOCWIN)	46.06	EPI (WSKOWWIN)
Chlorobutane, 1-	109-69-3	92.57	EPI	6.80E-01	Leighton and Calo (1981)	0.8857	CRC 87th edition	7.80E-02	USEPA 2001	9.30E-06	USEPA 2001	80.77	EPI (PCKOCWIN)	1100	Riddick et al. (1986)
Chlorodifluoromethane	75-45-6	86.47	EPI	1.70E+00	Chang and Criddle (1995)	1.4909	CRC 87th edition	1.00E-01	USEPA 2001	1.30E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	2770	Horvath (1982)
Chloroform	67-66-3	119.38	EPI	1.50E-01	Gossett (1987)	1.4788	CRC 87th edition	7.70E-02	USEPA 2001	1.10E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	7950	
Chloromethane	74-87-3	50.49	EPI	3.60E-01	Gossett (1987)	0.911	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001	14.3	EPI (PCKOCWIN)	5320	Horvath (1982)
Chloronaphthalene, Beta-	91-58-7	162.62	EPI	1.30E-02	Shiu and MacKay (1997)	1.1377	CRC 87th edition	0.045	USEPA 2001	7.7E-06	USEPA 2001	2976	EPI (PCKOCWIN)	11.7	MacKay and Shiu (1981)
Chloronitrobenzene, o-	88-73-3	157.56	EPI	3.80E-04	Altschuh et al. (1999)	1.368	CRC 87th edition	0.051	USEPA 2001	8.8E-06	USEPA 2001	315.5	EPI (PCKOCWIN)	441	Yalkowsky and Dannenfelser (1992)
Chloronitrobenzene, p-	100-00-5	157.56	EPI	2.00E-04	Altschuh et al. (1999)	1.2979	CRC 87th edition	0.05	USEPA 2001	8.5E-06	USEPA 2001	309	EPI (PCKOCWIN)	225	Yalkowsky and Dannenfelser (1992)
Chlorophenol, 2-	95-57-8	128.56	EPI	4.60E-04	Abraham et al. (1994)	1.2634	CRC 87th edition	0.066	USEPA 2001	9.5E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	28500	Banerjee et al. (1980)
Chlorothalonil	1897-45-6	265.91	EPI	8.20E-05	Kawamoto and Urano (1989)	1.7	CRC 87th edition					2392	EPI (PCKOCWIN)	0.6	Worthing and Walker (1987)
Chlorotoluene, o-	95-49-8	126.59	EPI	1.50E-01	Leighton and Calo (1981)	1.0825	CRC 87th edition	6.30E-02	USEPA 2001	8.70E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	374	Valvani et al. (1981)
Chlorotoluene, p-	106-43-4	126.59	EPI	1.80E-01	not listed	1.0697	CRC 87th edition	6.30E-02	USEPA 2001	8.70E-06	USEPA 2001	434	EPI (PCKOCWIN)	106	Yalkowsky and Dannenfelser (1992)
Chlorpropham	101-21-3	213.67	EPI	0.00000098	not listed	1.18	CRC 87th edition					207.9	EPI (PCKOCWIN)	89	Wauchope et al. (1992)
Chlorpyrifos	2921-88-2	350.59	EPI	0.00012	Rice and Chernyak (1995)							6829	EPI (PCKOCWIN)	1.12	
Chlorpyrifos Methyl	5598-13-0	322.53	EPI	1.50E-04	not listed							2008	EPI (PCKOCWIN)	4.76	Chiou et al. (1977)
Chlorsulfuron	64902-72-3	357.77	EPI	1.60E-13	not listed							239.2	EPI (PCKOCWIN)	28000	Beyer et al. (1988)
Chlorthiophos	60238-56-4	361.24	EPI	4.90E-05	EPI (HenryWin)							13200	EPI (PCKOCWIN)	0.05864	EPI (WSKOWWIN)
Chromium (III) (Insoluble Salts)	16065-83-1													0	CRC 85th edition, considered insoluble
Chromium VI (chromic acid mists)	18540-29-9													1690000	CRC 85th edition, measured at 25 degrees Celsius.
Chromium VI (particulates)	18540-29-9													1690000	CRC 85th edition, measured at 25 degrees Celsius.
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3													0	CRC 85th edition, considered insoluble
Cobalt	7440-48-4	58.93	EPI											0	Lange's (15th Ed.), considered insoluble
Coke Oven Emissions	8007-45-2	78.11	EPI	2.30E-01	MacKay et al. (1979)			1.00E-01	USEPA 1987	1.20E-05	USEPA 1987	165.5	EPI (PCKOCWIN)	1790	May et al. (1983)
Copper	7440-50-8	63.55	EPI											0	Lange's (15th Ed.), considered insoluble
Cresol, m-	108-39-4	108.14	EPI	0.000035	Altschuh et al. (1999)	1.0339	CRC 87th edition	0.073	USEPA 2001	9.3E-06	USEPA 2001	434	EPI (PCKOCWIN)	22700	Yalkowsky and Dannenfelser (1992)
Cresol, o-	95-48-7	108.14	EPI	0.000049	Gaffney et al. (1987)	1.0327	CRC 87th edition	0.073	USEPA 2001	9.3E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	25900	Yalkowsky and Dannenfelser (1992)
Cresol, p-	106-44-5	108.14	EPI	0.000041	Gaffney et al. (1987)	1.0185	CRC 87th edition	0.072	USEPA 2001	9.2E-06	USEPA 2001	434	EPI (PCKOCWIN)	21500	Yalkowsky and Dannenfelser (1992)
Crotonaldehyde, trans-	123-73-9	70.09	EPI	0.00079	Hine and Mookerjee (1975)	0.8516	CRC 87th edition	0.096	USEPA 2001	1.1E-05	USEPA 2001	5.096	EPI (PCKOCWIN)	181000	Baxter (1979)
Cumene	98-82-8	120.2	EPI	4.70E-01	Sanemasa et al. (1982)	0.864	CRC 87th edition	0.06	USEPA 2001	7.9E-06	USEPA 2001	817.2	EPI (PCKOCWIN)	61.3	Sanemasa et al. (1982)
Cyanazine	21725-46-2	240.7	EPI	1.20E-10	USDA Pest. Prop. Database							123.8	EPI (PCKOCWIN)	170	Wauchope et al. (1991a)
Cyclohexane	110-82-7	84.16	EPI	6.1	Bocek (1976)	0.7739	CRC 87th edition	0.08	USEPA 2001	9.1E-06	USEPA 2001	165.5	EPI (PCKOCWIN)	55	McAuliffe (1966)
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	513.09	EPI	4.4E-10	EPI (HenryWin)							3380	EPI (PCKOCWIN)	0.05496	EPI (WSKOWWIN)
Cyclohexanone	108-94-1	98.15	EPI	3.70E-04	Hawthorne et al. (1985)	0.9478	CRC 87th edition	0.077	USEPA 2001	9.4E-06	USEPA 2001	15.15	EPI (PCKOCWIN)	25000	Yalkowsky and Dannenfelser (1992)
Cyclohexylamine	108-91-8	99.18	EPI	1.70E-04	Altschuh et al. (1999)	0.8191	CRC 87th edition	0.071	USEPA 2001	8.5E-06	USEPA 2001	40.37	EPI (PCKOCWIN)	1000000	Merck Index (1996)
Cyhalothrin/karate	68085-85-8	449.86	EPI	6.10E-05	not listed							476000	EPI (PCKOCWIN)	0.005	USDA Pest. Prop. Database
Cypermethrin	52315-07-8	416.31	EPI	1.70E-05	not listed	1.25	CRC 87th edition					108000	EPI (PCKOCWIN)	0.004	Wauchope et al. (1991a)
Cyromazine	66215-27-8	166.19	EPI	2.30E-12	not listed							21.04	EPI (PCKOCWIN)	13000	Tomlin (1997)
Cyanides															
Calcium Cyanide	592-01-8	92.11	EPI												
Copper Cyanide	544-92-3	89.56	EPI											0	CRC 85th edition, considered insoluble
Cyanide (CN-)	57-12-5	27.03	EPI												
Cyanogen	460-19-5	52.04	EPI	2.20E-01	HLC from Yaw's converted to H'	0.9537	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001			10510	Lange's (15th Ed.), measured at 20 degrees Celsius
Cyanogen Bromide	506-68-3	105.92	EPI			2.015	CRC 87th edition	0.098	USEPA 2001	1.4E-05	USEPA 2001				
Cyanogen Chloride	506-77-4	61.47	EPI	7.90E-02	HLC from Yaw's converted to H'	1.186	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001			60000	
Hydrogen Cyanide	74-90-8	27.03	EPI	5.40E-03	HLC from PHYPROP converted to H'	0.6876	CRC 87th edition	1.70E-01	USEPA 2001	1.70E-05	USEPA 2001			1000000	PHYSPROP, measured at 25 degrees Celsius.
Potassium Cyanide	151-50-8	65.12	EPI											699000	CRC 85th edition, measured at 20 degrees Celsius.
Potassium Silver Cyanide	506-61-6	199	EPI											250000	Lange's (15th Ed.), measured at 30 degrees Celsius.
Silver Cyanide	506-64-9	133.89	EPI											0.011	CRC 85th edition
Sodium Cyanide	143-33-9	49.01	EPI											582000	CRC 85th edition, measured at 20 degrees Celsius.
Thiocyanate	463-56-9	59.09	EPI	6.00E-03	EPI (HenryWin)			1.30E-01	USEPA 1987	1.50E-05	USEPA 1987	4.5	EPI (PCKOCWIN)	43610	EPI (WSKOWWIN)
Zinc Cyanide	557-21-1	117.43	EPI											580	Lange's (15th Ed.), measured at 18 degrees Celsius.
Dacthal	1861-32-1	331.97	EPI	8.90E-05	not listed							282.9	EPI (PCKOCWIN)	0.5	Tomlin (1997)
Dalapon	75-99-0	142.97	EPI	0.0000037	EPI (HenryWin)	1.389	CRC 87th edition					2.738	EPI (PCKOCWIN)	502000	Yalkowsky and Dannenfelser (1992)
DDD	72-54-8	320.05	EPI	2.70E-04	Altschuh et al. (1999)							152500	EPI (PCKOCWIN)	0.09	Biggar and Riggs (1974)
DDE, p,p'-	72-55-9	318.03	EPI	1.70E-03	Altschuh et al. (1999)							152500	EPI (PCKOCWIN)	0.04	
DDT	50-29-3	354.49	EPI	3.40E-04	Altschuh et al. (1999)							220300	EPI (PCKOCWIN)	0.0055	Yalkowsky and Dannenfelser (1992)
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	959.17	EPI	1.80E-06	EPI (HenryWin)	3	NAS 2000 (IRIS Profile)					408500	EPI (PCKOCWIN)	0.025	Yalkowsky and Dannenfelser (1992)
Demeton	8065-48-3		EPI		EPI (HenryWin)								EPI (PCKOCWIN)		EPI (WSKOWWIN)
Di(2-ethylhexyl)adipate	103-23-1	370.58	EPI	1.80E-05	Felder et al. (1986)	0.922	CRC 87th edition					48630	EPI (PCKOCWIN)	0.78	Felder et al. (1986)
Diallate	2303-16-4	270.22	EPI	1.60E-04	not listed							1040	EPI (PCKOCWIN)	14	Worthing and Walker (1983)
Diazinon	333-41-5	304.35	EPI	4.60E-06	Fendinger and Glotfelty (1988)	1.1088	CRC 87th edition					1337	EPI (PCKOCWIN)	40	Sharom et al. (1980a)
Dibromo-3-chloropropane, 1,2-	96-12-8	236.33	EPI	6.00E-03	not listed	2.093	CRC 87th edition	3.20E-02	USEPA 2001	8.90E-06	USEPA 2001	130.8	EPI (PCKOCWIN)	1230	Munnecke and Vangundy (1979)
Dibromobenzene, 1,4-	106-37-6	235.91	EPI	3.70E-02	not listed	2.261	CRC 87th edition					434	EPI (PCKOCWIN)	26.4	
Dibromochloromethane	124-48-1	208.28	EPI	0.032	Warner et al. (1987)	2.451	CRC 87th edition	0.037	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	2700	Heikes (1987)
Dibromoethane, 1,2-	106-93-4	187.86	EPI	0.027	not listed	2.1683	CRC 87th edition	0.043	USEPA 2001	0.00001	USEPA 2001	43.79	EPI (PCKOCWIN)	3910	Horvath et al. (1999)
Dibromomethane (Methylene Bromide)	74-95-3	173.84	EPI	0.034	Moore et al. (1995)	2.4969	CRC 87th edition	0.055	USEPA 2001	1.2E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	11900	Gross and Saylor (1931)
Dibutyl Phthalate	84-74-2	278.35	EPI	7.40E-05	Atlas et al. (1983)	1.0465	CRC 87th edition					1460	EPI (PCKOCWIN)	11.2	Howard et al. (1985)
Dibutyltin Compounds	NA														
Dicamba	1918-00-9	221.04	EPI	8.90E-08	not listed	1.57	CRC 87th edition					28.78	EPI (PCKOCWIN)	8310	Pest. Prop. Database
Dichloro-2-butene, 1,4-	764-41-0	125	EPI	3.50E-01	not listed			7.60E-02	USEPA 1987	8.90E-06	USEPA 1987	149	EPI (PCKOCWIN)	580	Albanese et al. (1987)
Dichloroacetic Acid	79-43-6	128.94	EPI	1.40E-05	not listed	1.5634	CRC 87th edition	0.072	USEPA 2001	1.1E-05	USEPA 2001	1.895	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Dichlorobenzene, 1,2-	95-50-1	147	EPI	7.80E-02	Shiu and MacKay (1997)	1.3059	CRC 87th edition	0.056	USEPA 2001	8.9E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	80	Shiu et al. (1990)
Dichlorobenzene, 1,4-	106-46-7	147	EPI	9.90E-02	Shiu and MacKay (1997)	1.2475	CRC 87th edition	0.055	USEPA 2001	8.7E-06	USEPA 2001	434	EPI (PCKOCWIN)	81.3	Yalkowsky and Dannenfelser (1992)

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{oc}	K_{oc} Ref	S (mg/L)	S Ref
Dichlorobenzidine, 3,3'-	91-94-1	253.13	EPI	2.10E-09	EPI (HenryWin)							7489	EPI (PCKOCWIN)	3.1	Banerjee et al. (1980)
Dichlorodifluoromethane	75-71-8	120.91	EPI	1.40E+01	Warner and Weiss (1985)			7.80E-02	USEPA 1987	9.10E-06	USEPA 1987	48.64	EPI (PCKOCWIN)	280	
Dichloroethane, 1,1-	75-34-3	98.96	EPI	2.30E-01	Gossett (1987)	1.1757	CRC 87th edition	0.084	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	5040	
Dichloroethane, 1,2-	107-06-2	98.96	EPI	4.80E-02	Leighton and Calo (1981)	1.2454	CRC 87th edition	0.086	USEPA 2001	1.1E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	5100	Kuhn and Sander (1981)
Dichloroethylene, 1,1-	75-35-4	96.94	EPI	1.10E+00	Gossett (1987)	1.213	CRC 87th edition	0.086	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	2420	
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	96.94	EPI	0.17	Gossett (1987)			0.09	USEPA 1987	1.1E-05	USEPA 1987	43.79	EPI (PCKOCWIN)	3500	
Dichloroethylene, 1,2-cis-	156-59-2	96.94	EPI	0.17	Gossett (1987)	1.2837	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	3500	Yalkowsky and Dannenfelser (1992)
Dichloroethylene, 1,2-trans-	156-60-5	96.94	EPI	0.38	Gossett (1987)	1.2565	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	3500	
Dichlorophenol, 2,4-	120-83-2	163	EPI	9.00E-05	not listed			0.064	USEPA 1987	7.4E-06	USEPA 1987	717.6	EPI (PCKOCWIN)	4500	
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	221.04	EPI	1.40E-06	not listed							29.41	EPI (PCKOCWIN)	677	
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	249.1	EPI	2.40E-07	EPI (HenryWin)							100.1	EPI (PCKOCWIN)	46	
Dichloropropane, 1,2-	78-87-5	112.99	EPI	1.20E-01	Warner et al. (1987)			0.081	USEPA 1987	9.5E-06	USEPA 1987	67.7	EPI (PCKOCWIN)	2800	
Dichloropropane, 1,3-	142-28-9	112.99	EPI	4.00E-02	Leighton and Calo (1981)	1.1785	CRC 87th edition	0.074	USEPA 2001	9.8E-06	USEPA 2001	80.77	EPI (PCKOCWIN)	2750	
Dichloropropanol, 2,3-	616-23-9	128.99	EPI	1.50E-07	EPI (HenryWin)	1.3607	CRC 87th edition					3.957	EPI (PCKOCWIN)	64220	EPI (WSKOWWIN)
Dichloropropene, 1,3-	542-75-6	110.97	EPI	1.50E-01	Warner et al. (1987)			8.20E-02	USEPA 1987	9.60E-06	USEPA 1987	80.77	EPI (PCKOCWIN)	2800	
Dichlorvos	62-73-7	220.98	EPI	2.30E-05	not listed	1.415	CRC 87th edition					40.2	EPI (PCKOCWIN)	8000	
Dicyclopentadiene	77-73-6	132.21	EPI	2.60E+00	EPI (HenryWin)			0.073	USEPA 1987	8.6E-06	USEPA 1987	1800	EPI (PCKOCWIN)	51.88	
Dieldrin	60-57-1	380.91	EPI	4.10E-04	Altschuh et al. (1999)	1.75	CRC 87th edition					10600	EPI (PCKOCWIN)	0.25	
Diesel Engine Exhaust	NA														
Diethyl Phthalate	84-66-2	222.24	EPI	2.50E-05	not listed	1.232	CRC 87th edition					126.2	EPI (PCKOCWIN)	1080	Howard et al. (1985)
Diethylene Glycol Monobutyl Ether	112-34-5	162.23	EPI	1.80E-09	EPI (HenryWin)	0.9553	CRC 87th edition					10	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Diethylene Glycol Monoethyl Ether	111-90-0	134.18	EPI	9.10E-10	EPI (HenryWin)	0.9885	CRC 87th edition					1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Diethylformamide	617-84-5	101.15	EPI	5.30E-06	EPI (HenryWin)	0.908	CRC 87th edition					9.001	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Diethylstilbestrol	56-53-1	268.36	EPI	2.40E-10	EPI (HenryWin)							569200	EPI (PCKOCWIN)	12	Yalkowsky and Dannenfelser (1992)
Difenzoquat	43222-48-6	360.43	EPI									117700	EPI (PCKOCWIN)	1492	EPI (WSKOWWIN)
Diflubenzuron	35367-38-5	310.69	EPI	0.00000019	not listed							1059	EPI (PCKOCWIN)	0.08	Tomlin (1997)
Difluoroethane, 1,1-	75-37-6	66.05	EPI	8.30E-01	Hine and Mookerjee (1975)	0.896	CRC 87th edition	1.00E-01	USEPA 2001	1.20E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	3200	Horvath (1982)
Diisopropyl Ether	108-20-3	102.18	EPI	9.30E-02	not listed	0.7192	CRC 87th edition	6.50E-02	USEPA 2001	7.80E-06	USEPA 2001	10.5	EPI (PCKOCWIN)	8800	Heitmann et al. (1987)
Diisopropyl Methylphosphonate	1445-75-6	180.19	EPI	1.80E-03	not listed			6.00E-02	USEPA 1987	7.00E-06	USEPA 1987	31.28	EPI (PCKOCWIN)	1500	Rosenblatt et al. (1975)
Dimethipin	55290-64-7	210.26	EPI	9.40E-10	not listed							27.41	EPI (PCKOCWIN)	4600	Tomlin (1994)
Dimethoate	60-51-5	229.25	EPI	4.30E-09	not listed	1.277	CRC 87th edition					24.52	EPI (PCKOCWIN)	25000	Martin and Worthing (1977)
Dimethoxybenzidine, 3,3'-	119-90-4	244.3	EPI	1.90E-09	EPI (HenryWin)							1447	EPI (PCKOCWIN)	60	Yalkowsky and Dannenfelser (1992)
Dimethyl methylphosphonate	756-79-6	124.08	EPI	5.10E-05	EPI (HenryWin)	1.1684	CRC 87th edition	6.70E-02	USEPA 2001	9.20E-06	USEPA 2001	3.848	EPI (PCKOCWIN)	1000000	Bennett et al. (1984)
Dimethylaniline HCl, 2,4-	21436-96-4	121.18	EPI	1.00E-04	EPI (HenryWin)			7.80E-02	USEPA 1987	9.10E-06	USEPA 1987	119.9	EPI (PCKOCWIN)	3652	EPI (WSKOWWIN)
Dimethylaniline, 2,4-	95-68-1	121.18	EPI	1.00E-04	EPI (HenryWin)	0.9723	CRC 87th edition	6.30E-02	USEPA 2001	8.40E-06	USEPA 2001	119.9	EPI (PCKOCWIN)	3652	EPI (WSKOWWIN)
Dimethylaniline, N,N-	121-69-7	121.18	EPI	2.30E-03	not listed	0.9557	CRC 87th edition	0.063	USEPA 2001	8.3E-06	USEPA 2001	77.08	EPI (PCKOCWIN)	1450	Huyskens et al. (1975)
Dimethylbenzidine, 3,3'-	119-93-7	212.3	EPI	3.30E-09	EPI (HenryWin)							7489	EPI (PCKOCWIN)	1300	Yalkowsky and Dannenfelser (1992)
Dimethylformamide	68-12-2	73.1	EPI	3.00E-06	Taft et al. (1985)	0.9445	CRC 87th edition					2.411	EPI (PCKOCWIN)	1000000	not given
Dimethylphenol, 2,4-	105-67-9	122.17	EPI	3.90E-05	Abraham et al. (1994)	0.965	CRC 87th edition	6.20E-02	USEPA 2001	8.30E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	7870	Banerjee et al. (1980)
Dimethylphenol, 2,6-	576-26-1	122.17	EPI	2.70E-04	Hawthorne et al. (1985)			0.077	USEPA 1987	9E-06	USEPA 1987	732.5	EPI (PCKOCWIN)	6050	Yalkowsky and Dannenfelser (1992)
Dimethylphenol, 3,4-	95-65-8	122.17	EPI	1.70E-05	Abraham et al. (1994)	0.983	CRC 87th edition	0.063	USEPA 2001	8.4E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	4760	Yalkowsky and Dannenfelser (1992)
Dimethylterephthalate	120-61-6	194.19	EPI	5.50E-03	not listed	1.075	CRC 87th edition	0.029	USEPA 2001	6.7E-06	USEPA 2001	36.33	EPI (PCKOCWIN)	19	Bemis et al. (1982)
Dinitro-o-cresol, 4,6-	534-52-1	198.14	EPI	5.70E-05	Warner et al. (1987)			0.056	USEPA 1987	6.5E-06	USEPA 1987	601.5	EPI (PCKOCWIN)	198	Schwarzenbach et al. (1988)
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	266.26	EPI	1.40E-09	EPI (HenryWin)							14030	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfelser (1992)
Dinitrobenzene, 1,2-	528-29-0	168.11	EPI	1.50E-05	EPI (HenryWin)	1.3119	CRC 87th edition	0.045	USEPA 2001	8.3E-06	USEPA 2001	224.6	EPI (PCKOCWIN)	500	Dehn (1917)
Dinitrobenzene, 1,3-	99-65-0	168.11	EPI	2.00E-06	Altschuh et al. (1999)	1.5751	CRC 87th edition					220.1	EPI (PCKOCWIN)	533	Spanggord et al. (1980)
Dinitrobenzene, 1,4-	100-25-4	168.11	EPI	1.50E-05	EPI (HenryWin)	1.625	CRC 87th edition	4.90E-02	USEPA 2001	9.40E-06	USEPA 2001	220.1	EPI (PCKOCWIN)	69	Yalkowsky and Dannenfelser (1992)
Dinitrophenol, 2,4-	51-28-5	184.11	EPI	0.0000035	Tremp et al. (1993)	1.683	CRC 87th edition					363.8	EPI (PCKOCWIN)	2790	Schwarzenbach et al. (1988)
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	182.14	EPI	0.000016	EPI (HenryWin)			0.059	USEPA 1987	6.9E-06	USEPA 1987	371.4	EPI (PCKOCWIN)	270	Seidell (1941)
Dinitrotoluene, 2,4-	121-14-2	182.14	EPI	2.20E-06	Altschuh et al. (1999)	1.3208	CRC 87th edition					363.8	EPI (PCKOCWIN)	270	Spanggord et al. (1980)
Dinitrotoluene, 2,6-	606-20-2	182.14	EPI	3.10E-05	not listed	1.2833	CRC 87th edition	0.037	USEPA 2001	7.8E-06	USEPA 2001	371.4	EPI (PCKOCWIN)	352.4	EPI (WSKOWWIN)
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	197.15	EPI	6.60E-09	EPI (HenryWin)							100.5	EPI (PCKOCWIN)	1223	EPI (WSKOWWIN)
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	197.15	EPI	6.60E-09	EPI (HenryWin)							100.5	EPI (PCKOCWIN)	1223	EPI (WSKOWWIN)
Dinoseb	88-85-7	240.22	EPI	1.90E-05	not listed	1.265	CRC 87th edition					3544	EPI (PCKOCWIN)	52	WSSA (1983)
Dioxane, 1,4-	123-91-1	88.11	EPI	2.00E-04	Park et al. (1987)	1.0337	CRC 87th edition	0.087	USEPA 2001	1.1E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Diphenamid	957-51-7	239.32	EPI	1.5E-09	not listed	1.17	CRC 87th edition					15450	EPI (PCKOCWIN)	260	Tomlin (1994)
Diphenyl Sulfone	127-63-9	218.27	EPI	0.00001	EPI (HenryWin)	1.252	CRC 87th edition					2903	EPI (PCKOCWIN)	313.6	EPI (WSKOWWIN)
Diphenylamine	122-39-4	169.23	EPI	1.40E-04	not listed	1.158	CRC 87th edition	4.20E-02	USEPA 2001	7.60E-06	USEPA 2001	1887	EPI (PCKOCWIN)	53	Yalkowsky and Dannenfelser (1992)
Diphenylhydrazine, 1,2-	122-66-7	184.24	EPI	0.00000018	EPI (HenryWin)	1.158	CRC 87th edition					3481	EPI (PCKOCWIN)	221	Kuhne et al. (1995)
Diquat	85-00-7	344.05	EPI	5.8E-12	EPI (HenryWin)	1.24	CRC 87th edition					1933	EPI (PCKOCWIN)	708000	Shiu et al. (1990)
Direct Black 38	1937-37-7	737.77	EPI	3.4E-38	EPI (HenryWin)							77330000	EPI (PCKOCWIN)	0.00001802	EPI (WSKOWWIN)
Direct Blue 6	2602-46-2	821.67	EPI	6.7E-42	EPI (HenryWin)							221700000	EPI (PCKOCWIN)	31.44	EPI (WSKOWWIN)
Direct Brown 95	16071-86-6	760.11	EPI									1081000	EPI (PCKOCWIN)	1000000	EPI (WSKOWWIN)
Disulfoton	298-04-4	274.39	EPI	8.80E-05	not listed	1.144	CRC 87th edition					818.5	EPI (PCKOCWIN)	16.3	Bowman and Sans (1983a)
Dithiane, 1,4-	505-29-3	120.23	EPI	2.40E-05	EPI (HenryWin)			0.078	USEPA 1987	9.1E-06	USEPA 1987	165.5	EPI (PCKOCWIN)	6584	EPI (WSKOWWIN)
Diuron	330-54-1	233.1	EPI	0.000000021	not listed							136	EPI (PCKOCWIN)	42	Tomlin (1994)
Dodine	2439-10-3	287.45	EPI	2.5E-17	EPI (HenryWin)							15460	EPI (PCKOCWIN)	630	Gunther et al. (1968)
Dioxins															
Hexachlorodibenzo-p-dioxin	34465-46-8	390.87	EPI	2.30E-04	not listed							416700	EPI (PCKOCWIN)	0.000004	Fischer et al. (1992)
Hexachlorodibenzo-p-dioxin, Mixture	NA	390.87	EPI	1.00E-03	EPI (HenryWin)							416700	EPI (PCKOCWIN)	0.00002645	EPI (WSKOWWIN)
HpCDD, 2,3,7,8-	37871-00-4	425.31	EPI	7.20E-03	not listed							703300	EPI (PCKOCWIN)	0.00000141	Friesen et al. (1990b)
OCDD	3268-87-9	459.76	EPI	2.80E-04	not listed							1187000	EPI (PCKOCWIN)	0.0000004	Yalkowsky and Dannenfelser (1992)
PeCDD, 2,3,7,8-	36088-22-9	356.42	EPI	0.00009	not listed							257300	EPI (PCKOCWIN)	0.00012	Fischer et al. (1992)
TCDD, 2,3,7,8-	1746-01-6	321.98	EPI	2.00E-03	not listed							146300	EPI (PCKOCWIN)	0.0002	Shiu et al. (1988)
Endosulfan	115-29-7	406.92	EPI	2.70E-03	Rice and Chernyak (1995)	1.745	CRC 87th edition					21990	EPI (PCKOCWIN)	0.45	Bowman and Sans (1983)
Endothall	145-73-3	186.17	EPI	1.60E-14	not listed	1.431	CRC 87th edition					10	EPI (PCKOCWIN)	100000	WSSA (1983)
Endrin	72-20-8	380.91	EPI	2.60E-04	Altschuh et al. (1999)							10600	EPI (PCKOCWIN)	0.25	Biggar and Riggs (1974)
Epichlorohydrin	106-89-8	92.53	EPI	1.20E-03	not listed			0.093	USEPA 1987	1.1E-05	USEPA 1987	4.491	EPI (PCKOCWIN)	65900	Yalkowsky and Dannenfelser (1992)
Epoxybutane, 1,2-	106-88-7	72.11	EPI	7.40E-03	not listed	0.8297	CRC 87th edition	0.093	USEPA 2001	0.00001	USEPA 2001	4.491	EPI (PCKOCWIN)	95000	Bogyo et al. (1980)
EPTC	759-94-4	189.32	EPI	6.50E-04	not listed	0.9546	CRC 87th edition	2.90E-02	USEPA 2001	6.40E-06	USEPA 2001	257.7	EPI (PCKOCWIN)	375	Yalkowsky and Dannenfelser (1992)
Ethephon	16672-87-0	144.5	EPI	2.30E-10	EPI (HenryWin)	1.2	CRC 87th edition					3.572	EPI (PCKOCWIN)	1000000	Shiu et al. (1990)
Ethion	563-12-2	384.46	EPI	3.90E-05	not listed	1.22	CRC 87th edition					13150	EPI (PCKOCWIN)	2	Shiu et al. (1990)
Ethoxyethanol Acetate, 2-	111-15-9	132.16	EPI	1.30E-04	Johanson and Dynesius (1988)	0.974	CRC 87th edition	0.057	USEPA 2001	8E-06	USEPA 2001	2.093	EPI (PCKOCWIN)	247000	Yalkowsky and Dannenfelser (1992)
Ethoxyethanol, 2-	110-80-5	90.12	EPI	1.90E-05	Johanson and Dynesius (1988)	0.9253	CRC 87th edition	0.082	USEPA 2001	9.7E-06	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Ethyl Acetate	141-78-6	88.11	EPI	5.50E-03	Butler and Ramchandani (1935)	0.9003	CRC 87th edition	8.20E-02	USEPA 2001	9.70E-06	USEPA 2001	6.131	EPI (PCKOCWIN)	80000	Banerjee (1984)
Ethyl Acrylate	140-88-5	100.12	EPI	1.40E-02	not listed	0.9234	CRC 87th edition	7.50E-02	USEPA 2001	9.10E-06	USEPA 2001	11.85	EPI (PCKOCWIN)	15000	Riddick et al. (1986)
Ethyl Chloride	75-00-3	64.52	EPI	4.50E-01	Gossett (1987)	0.9239	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	6710	Horvath et al. (1999)
Ethyl Ether	60-29-7	74.12	EPI	0.05	Bocek (1976)	0.7138	CRC 87th edition	0.085	USEPA 2001	9.4E-06	USEPA 2001	4.395	EPI (PCKOCWIN)	60400	Riddick et al. (1986)
Ethyl Methacrylate	97-63-2	114.15	EPI	2.30E-02	not listed	0.9135	CRC 87th edition	0.065	USEPA 2001	8.4E-06	USEPA 2001	18.7	EPI (PCKOCWIN)	5400	Ullmann A21:159
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	323.31	EPI	1.80E-05	not listed	1.27	CRC 87th edition					11790	EPI (PCKOCWIN)	3.11	Kanazawa (1980)
Ethylbenzene	100-41-4	106.17	EPI	3.20E-01	Sanemasa et al. (1982)	0.8626	CRC 87th edition	0.068	USEPA 2001	8.5E-06	USEPA 2001	517.8	EPI (PCKOCWIN)	169	Sanemasa et al. (1982)
Ethylene Cyanohydrin	109-78-4	71.08	EPI	1.80E-08	EPI (HenryWin)	1.0404	CRC 87th edition					1	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Ethylene Diamine	107-15-3	60.1	EPI	7.10E-08	Hine and Mookerjee (1975)	0.8979	CRC 87th edition					24.72	EPI (PCKOCWIN)	1000000	U.S. EPA (1981)
Ethylene Glycol	107-21-1	62.07	EPI	2.50E-06	Butler and Ramchandani (1935)	1.1135	CRC 87th edition					1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{oc}	K_{oc} Ref	S (mg/L)	S Ref
Ethylene Glycol Monobutyl Ether	111-76-2	118.18	EPI	6.50E-05	Johanson and Dynesius (1988)	0.9015	CRC 87th edition	6.30E-02	USEPA 2001	8.10E-06	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Ethylene Oxide	75-21-8	44.05	EPI	6.10E-03	Conway et al. (1983)	0.8821	CRC 87th edition	0.13	USEPA 2001	1.5E-05	USEPA 2001	1.435	EPI (PCKOCWIN)	1000000	Schultze (1965)
Ethylene Thiourea	96-45-7	102.15	EPI	1.40E-05	EPI (HenryWin)			8.70E-02	USEPA 1987	1.00E-05	USEPA 1987	6.511	EPI (PCKOCWIN)	20000	Merck Index (1996)
Ethylphthalyl Ethyl Glycolate	84-72-0	280.28	EPI	3.20E-08	EPI (HenryWin)							1282	EPI (PCKOCWIN)	216.8	EPI (WSKOWWIN)
Express	101200-48-0	395.39	EPI	4.2E-12	Tomlin (1997)							87.77	EPI (PCKOCWIN)	50	Tomlin (1997)
Fenamiphos	22224-92-6	303.36	EPI	0.000000049	not listed	1.15	CRC 87th edition					225.1	EPI (PCKOCWIN)	329	Yalkowsky and Dannenfelser (1992)
Fenpropathrin	39515-41-8	349.43	EPI	0.00022	not listed							29710	EPI (PCKOCWIN)	0.0141	Tomlin (1994)
Fluometuron	2164-17-2	232.21	EPI	7.40E-08	not listed							362.5	EPI (PCKOCWIN)	110	USDA Pest. Prop. Database
Fluorine (Soluble Fluoride)	7782-41-4	38	EPI											0	CRC 85th edition, reacts in water and/or decomposes.
Fluridone	59756-60-4	329.32	EPI	3.30E-07	not listed							110400	EPI (PCKOCWIN)	12	Shiu et al. (1990)
Flurprimidol	56425-91-3	312.29	EPI	5.40E-08	not listed							864.1	EPI (PCKOCWIN)	114	Tomlin (1994)
Flutolanil	66332-96-5	323.32	EPI	1.30E-07	not listed							5368	EPI (PCKOCWIN)	6.53	Tomlin (1997)
Fluvalinate	69409-94-5	502.92	EPI	5.90E-07	EPI (HenryWin)							729500	EPI (PCKOCWIN)	0.005	Wauchope et al. (1991a)
Folpet	133-07-3	296.56	EPI	3.10E-06	not listed							143.9	EPI (PCKOCWIN)	1	Furer and Geiger (1977)
Fomesafen	72178-02-0	438.76	EPI	3.10E-11	EPI (HenryWin)	1.28	CRC 87th edition					11010	EPI (PCKOCWIN)	50	
Fonofos	944-22-9	246.32	EPI	2.90E-04	not listed	1.16	CRC 87th edition					836.3	EPI (PCKOCWIN)	15.7	Yalkowsky and Dannenfelser (1992)
Formaldehyde	50-00-0	30.03	EPI	1.40E-05	Betterton and Hoffman (1988)	0.815	CRC 87th edition	0.17	USEPA 2001	1.7E-05	USEPA 2001	1	EPI (PCKOCWIN)	400000	Pickrell et al. (1983)
Formic Acid	64-18-6	46.03	EPI	6.80E-06	Gaffney et al. (1987)	1.22	CRC 87th edition					1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Fosetyl-AL	39148-24-8	354.11	EPI									5316	EPI (PCKOCWIN)	120000	EPI (WSKOWWIN)
Furazolidone	67-45-8	225.16	EPI	1.3E-09	EPI (HenryWin)							828.2	EPI (PCKOCWIN)	40	Merck Index (1996)
Furfural	98-01-1	96.09	EPI	0.00014	not listed	1.1594	CRC 87th edition	0.085	USEPA 2001	1.1E-05	USEPA 2001	17.71	EPI (PCKOCWIN)	77000	Yalkowsky and Dannenfelser (1992)
Furium	531-82-8	253.23	EPI	5.4E-14	EPI (HenryWin)							488	EPI (PCKOCWIN)	267.8	EPI (WSKOWWIN)
Furmecyclox	60568-05-0	251.33	EPI	2.80E-07	EPI (HenryWin)							1550	EPI (PCKOCWIN)	0.3	Worthing and Walker (1987)
Furans															
Furan	110-00-9	68.08	EPI	2.20E-01	not listed	0.9514	CRC 87th edition	0.1	USEPA 2001	1.2E-05	USEPA 2001	89.71	EPI (PCKOCWIN)	10000	Valvani et al. (1981)
HpCDF, 2,3,7,8-	38998-75-3	409.31	EPI	2.60E-04	EPI (HenryWin)							389300	EPI (PCKOCWIN)	0.00000135	Fletcher and MacKay (1993)
HxCDF, 2,3,7,8-	55684-94-1	374.87	EPI	3.50E-04	EPI (HenryWin)							235500	EPI (PCKOCWIN)	0.0001138	EPI (WSKOWWIN)
OCDF	39001-02-0	443.76	EPI	7.70E-05	not listed							657000	EPI (PCKOCWIN)	0.00000116	Doucette and Andren (1988)
PeCDF, 1,2,3,7,8-	57117-41-6	340.42	EPI	4.70E-04	EPI (HenryWin)							136700	EPI (PCKOCWIN)	0.000235	Friesen et al. (1990b)
PeCDF, 2,3,4,7,8-	57117-31-4	340.42	EPI	4.70E-04	EPI (HenryWin)							136700	EPI (PCKOCWIN)	0.000235	Friesen et al. (1990b)
TCDF, 2,3,7,8-	51207-31-9	305.98	EPI	6.30E-04	EPI (HenryWin)							80970	EPI (PCKOCWIN)	0.000692	Friesen and Webster (1990)
Glufosinate, Ammonium	77182-82-2	198.16	EPI	1.00E-22	EPI (HenryWin)							60.02	EPI (PCKOCWIN)	1370000	Tomlin (1997)
Glycidyl	765-34-4	72.06	EPI	3.20E-05	EPI (HenryWin)	1.1403	CRC 87th edition	0.11	USEPA 2001	1.3E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	IARC (1976)
Glyphosate	1071-83-6	169.07	EPI	1.70E-17	EPI (HenryWin)							18.79	EPI (PCKOCWIN)	12000	Worthing and Walker (1987)
Goal	42874-03-3	361.71	EPI	3.40E-05	not listed	1.35	CRC 87th edition					46840	EPI (PCKOCWIN)	0.116	Tomlin (1994)
Haloxyfop, Methyl	69806-40-2	375.73	EPI	1.30E-05	not listed							17800	EPI (PCKOCWIN)	9.3	Shiu et al. (1990)
Harmony	79277-27-3	387.39	EPI	1.70E-12	EPI (HenryWin)							37.53	EPI (PCKOCWIN)	230	Tomlin (1997)
Heptachlor	76-44-8	373.32	EPI	1.20E-02	Altschuh et al. (1999)	1.57	CRC 87th edition					52410	EPI (PCKOCWIN)	0.18	Biggar and Riggs (1974)
Heptachlor Epoxide	1024-57-3	389.32	EPI	0.00086	Altschuh et al. (1999)							5260	EPI (PCKOCWIN)	0.2	Biggar and Riggs (1974)
Hexabromobenzene	87-82-1	551.49	EPI	0.0011	EPI (HenryWin)							3380	EPI (PCKOCWIN)	0.00016	Opperhuizen (1986)
Hexachlorobenzene	118-74-1	284.78	EPI	7.00E-02	Warner et al. (1987)	2.044	CRC 87th edition					3380	EPI (PCKOCWIN)	0.0062	Farmer et al. (1976)
Hexachlorobutadiene	87-68-3	260.76	EPI	4.20E-01	Warner et al. (1987)	1.556	CRC 87th edition					993.5	EPI (PCKOCWIN)	3.2	Banerjee et al. (1980)
Hexachlorocyclohexane, Alpha-	319-84-6	290.83	EPI	5.00E-04	Altschuh et al. (1999)							3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclohexane, Beta-	319-85-7	290.83	EPI	1.80E-05	Altschuh et al. (1999)	1.89	CRC 87th edition					3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	290.83	EPI	2.10E-04	Altschuh et al. (1999)							3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclohexane, Technical	608-73-1	290.83	EPI	1.80E-05	not listed							3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclopentadiene	77-47-4	272.77	EPI	1.10E+00	Wolfe et al. (1982)	1.7019	CRC 87th edition					1667	EPI (PCKOCWIN)	1.8	Callahan et al. (1979)
Hexachloroethane	67-72-1	236.74	EPI	1.60E-01	Munz and Roberts (1987)	2.091	CRC 87th edition					224.7	EPI (PCKOCWIN)	50	Horvath et al. (1999)
Hexachlorophene	70-30-4	406.91	EPI	2.20E-11	EPI (HenryWin)							630500	EPI (PCKOCWIN)	140	Yalkowsky and Dannenfelser (1992)
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	222.12	EPI	2.60E-06	EPI (HenryWin)	1.82	CRC 87th edition					195.4	EPI (PCKOCWIN)	59.7	Yalkowsky and Dannenfelser (1992)
Hexamethylene Diisocyanate, 1,6-	822-06-0	168.2	EPI	2.00E-03	EPI (HenryWin)	1.0528	CRC 87th edition	4.00E-02	USEPA 2001	7.20E-06	USEPA 2001	5864	EPI (PCKOCWIN)	117	EPI (WSKOWWIN)
Hexane, N-	110-54-3	86.18	EPI	7.40E+01	not listed	0.6606	CRC 87th edition	7.30E-02	USEPA 2001	8.20E-06	USEPA 2001	149	EPI (PCKOCWIN)	9.5	McAuliffe (1966)
Hexanedioic Acid	124-04-9	146.14	EPI	1.90E-10	not listed	1.36	CRC 87th edition					21.48	EPI (PCKOCWIN)	30800	Yalkowsky and Dannenfelser (1992)
Hexazinone	51235-04-2	252.32	EPI	9.20E-11	not listed	1.25	CRC 87th edition					614.3	EPI (PCKOCWIN)	33000	Tomlin (1997)
Hydrazine	302-01-2	32.05	EPI											1000000	Lange's (15th Ed.), Perry's (7th Ed.), estimated based on miscibili
Hydrazine Sulfate	10034-93-2	128.1	EPI											30550	Perry's (7th Ed.), measured at 22 degrees Celsius.
Hydrogen Chloride	7647-01-0	35.45	EPI											720000	Lange's (15th Ed.), measured at 20 degrees Celsius.
Hydrogen Sulfide	7783-06-4	34.08	EPI											5132	Lange's (15th Ed.), measured at 25 degrees Celsius
Hydroquinone	123-31-9	110.11	EPI	1.90E-09	not listed	1.33	CRC 87th edition					434	EPI (PCKOCWIN)	72000	Granger and Nelson (1921)
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2														
Imazalil	35554-44-0	297.19	EPI	1.10E-07	not listed	1.243	CRC 87th edition					1938	EPI (PCKOCWIN)	180	Tomlin (1994)
Imazaquin	81335-37-7	311.34	EPI	2.8E-16	EPI (HenryWin)							4929	EPI (PCKOCWIN)	90	Tomlin (1997)
Iprodione	36734-19-7	330.17	EPI	5.1E-09	not listed							140.7	EPI (PCKOCWIN)	13.9	Wauchope et al. (1991a)
Iron	7439-89-6	55.85	EPI											0	Lange's (15th Ed.), considered insoluble
Isobutyl Alcohol	78-83-1	74.12	EPI	4.00E-04	Snider and Dawson (1985)	0.8018	CRC 87th edition	0.09	USEPA 2001	0.00001	USEPA 2001	2.048	EPI (PCKOCWIN)	85000	Valvani et al. (1981)
Isophorone	78-59-1	138.21	EPI	2.70E-04	not listed	0.9255	CRC 87th edition	0.053	USEPA 2001	7.5E-06	USEPA 2001	58.32	EPI (PCKOCWIN)	12000	Parrish (1983)
Isopropalin	33820-53-0	309.37	EPI	4.50E-03	not listed							6700	EPI (PCKOCWIN)	0.11	Probst et al. (1975)
Isopropyl Methyl Phosphonic Acid	1832-54-8	138.1	EPI	2.80E-07	EPI (HenryWin)							5.523	EPI (PCKOCWIN)	50420	EPI (WSKOWWIN)
Isoxaben	82558-50-7	332.4	EPI	5.20E-08	not listed							2927	EPI (PCKOCWIN)	1.42	Tomlin (1994)
Kerb	23950-58-5	256.13	EPI	0.0000004	not listed							1587	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfelser (1992)
Lactofen	77501-63-4	461.78	EPI	0.000000023	EPI (HenryWin)							25440	EPI (PCKOCWIN)	0.1	Reddy et al. (1994)
Linuron	330-55-2	249.1	EPI	2.60E-07	not listed							349.8	EPI (PCKOCWIN)	75	USDA Pest. Prop. Database
Lithium	7439-93-2	6.94	EPI											0	CRC 85th edition, reacts in water and/or decomposes.
Lithium Perchlorate	7791-03-9													587000	CRC 85th edition, measured at 25 degrees Celsius.
Londax	83055-99-6	410.4	EPI	1.5E-13	not listed							33.25	EPI (PCKOCWIN)	120	Wauchope et al. (1991a)
Lead Compounds															
Lead and Compounds	7439-92-1	207.2	EPI											0	CRC 85th edition, assigned a water solubility value of 0
Tetraethyl Lead	78-00-2	323.45	EPI	2.30E+01	Feldhake and Stevens (1963)	1.653	CRC 87th edition					757.6	EPI (PCKOCWIN)	0.29	Feldhake and Stevens (1963)
Malathion	121-75-5	330.35	EPI	2.00E-07	Fendinger and Glotfelty (1990)	1.2076	CRC 87th edition					30.5	EPI (PCKOCWIN)	143	Bowman and Sans (1983)
Maleic Anhydride	108-31-6	98.06	EPI	0.00016	EPI (HenryWin)	1.314	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	1	EPI (PCKOCWIN)	4912	EPI (WSKOWWIN)
Maleic Hydrazide	123-33-1	112.09	EPI	1.1E-09	EPI (HenryWin)			0.082	USEPA 1987	9.5E-06	USEPA 1987	10.35	EPI (PCKOCWIN)	4510	Tomlin (1994)
Malononitrile	109-77-3	66.06	EPI	5.20E-07	EPI (HenryWin)	1.191	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001	15.31	EPI (PCKOCWIN)	133000	Hughes (1981)
Mancozeb	8018-01-7	212.36	EPI	2.30E-05	EPI (HenryWin)							10	EPI (PCKOCWIN)	6.2	USDA Pest. Prop. Database
Maneb	12427-38-2	212.36	EPI	2.30E-05	EPI (HenryWin)							10	EPI (PCKOCWIN)	6.2	USDA Pest. Prop. Database
Manganese (Diet)	7439-96-5	54.94	EPI											0	Lange's (15th Ed.), reacts in water and/or decomposes.
Manganese (Water)	7439-96-5	54.94	EPI											0	Lange's (15th Ed.), reacts in water and/or decomposes.
MCPA	94-74-6	200.62	EPI	0.000000054	not listed							29.41	EPI (PCKOCWIN)	630	Yalkowsky and Dannenfelser (1992)
MCPB	94-81-5	228.68	EPI	1.10E-07	not listed							100.1	EPI (PCKOCWIN)	48	Yalkowsky and Dannenfelser (1992)
MCPP	93-65-2	214.65	EPI	4.00E-08	not listed							48.63	EPI (PCKOCWIN)	860	Tomlin (1997)
Mephosfolan	950-10-7	269.32	EPI	4.90E-09	EPI (HenryWin)							498	EPI (PCKOCWIN)	57	Tomlin (1994)
Mepiquat Chloride	24307-26-4	149.67	EPI	1.80E-10	EPI (HenryWin)							173.7	EPI (PCKOCWIN)	500000	Tomlin (1997)
Merphos	150-50-5	298.5	EPI	9.30E-04	EPI (HenryWin)	1.02	CRC 87th edition					62420	EPI (PCKOCWIN)	0.003517	EPI (WSKOWWIN)
Merphos Oxide	78-48-8	314.5	EPI	1.20E-05	Fendinger and Glotfelty (1990)	1.057	CRC 87th edition					1888	EPI (PCKOCWIN)	2.3	Tomlin (1994)
Metalaxyl	57837-19-1	279.34	EPI	1.20E-07	not listed							22.6	EPI (PCKOCWIN)	26000	Tomlin (1997)

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{oc}	K_{oc} Ref	S (mg/L)	S Ref
Methacrylonitrile	126-98-7	67.09	EPI	1.00E-02	not listed	0.8001	CRC 87th edition	9.60E-02	USEPA 2001	1.10E-05	USEPA 2001	12.83	EPI (PCKOCWIN)	25400	Yalkowsky and Dannenfelser (1992)
Methamidophos	10265-92-6	141.13	EPI	3.50E-08	EPI (HenryWin)	1.31	CRC 87th edition					3.848	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Methanol	67-56-1	32.04	EPI	1.90E-04	Gaffney et al. (1987)	0.7914	CRC 87th edition	0.16	USEPA 2001	1.6E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Methidathion	950-37-8	302.32	EPI	2.90E-07	not listed							10	EPI (PCKOCWIN)	187	Bowman and Sans (1983)
Methomyl	16752-77-5	162.21	EPI	8.10E-10	not listed	1.2946	CRC 87th edition	4.80E-02	USEPA 2001	8.40E-06	USEPA 2001	12.01	EPI (PCKOCWIN)	58000	Yalkowsky and Dannenfelser (1992)
Methoxy-5-nitroaniline, 2-	99-59-2	168.15	EPI	6.00E-07	EPI (HenryWin)	1.2068	CRC 87th edition					37.53	EPI (PCKOCWIN)	115	Beilstein
Methoxychlor	72-43-5	345.66	EPI	8.30E-06	Altschuh et al. (1999)	1.41	CRC 87th edition					42550	EPI (PCKOCWIN)	0.1	Richardson and Miller (1960)
Methoxyethanol Acetate, 2-	110-49-6	118.13	EPI	0.00001	EPI (HenryWin)	1.0074	CRC 87th edition	0.066	USEPA 2001	8.7E-06	USEPA 2001	1.135	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Methoxyethanol, 2-	109-86-4	76.1	EPI	1.30E-05	Johanson and Dynesius (1988)	0.9647	CRC 87th edition	0.095	USEPA 2001	1.1E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Methyl Acetate	79-20-9	74.08	EPI	4.70E-03	Buttery et al. (1969)	0.9342	CRC 87th edition	0.096	USEPA 2001	1.1E-05	USEPA 2001	3.324	EPI (PCKOCWIN)	243000	Stephen and Stephen (1963)
Methyl Acrylate	96-33-3	86.09	EPI	8.10E-03	not listed	0.9535	CRC 87th edition	0.086	USEPA 2001	0.00001	USEPA 2001	6.423	EPI (PCKOCWIN)	49400	Riddick et al. (1986)
Methyl Ethyl Ketone (2-Butanone)	78-93-3	72.11	EPI	2.30E-03	Snider and Dawson (1985)	0.7999	CRC 87th edition	9.10E-02	USEPA 2001	1.00E-05	USEPA 2001	3.827	EPI (PCKOCWIN)	223000	Taft et al. (1985)
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	100.16	EPI	5.60E-03	not listed	0.7965	CRC 87th edition	0.07	USEPA 2001	8.3E-06	USEPA 2001	10.91	EPI (PCKOCWIN)	19000	Yalkowsky and Dannenfelser (1992)
Methyl Methacrylate	80-62-6	100.12	EPI	1.40E-02	not listed	0.9377	CRC 87th edition	7.50E-02	USEPA 2001	9.20E-06	USEPA 2001	10.14	EPI (PCKOCWIN)	15000	Nemec and Kirsch (1981)
Methyl Parathion	298-00-0	263.21	EPI	4.10E-06	Metcalfe et al. (1980)	1.358	CRC 87th edition					522.9	EPI (PCKOCWIN)	37.7	Bowman and Sans (1983)
Methyl Styrene (Mixed Isomers)	25013-15-4	118.18	EPI	3.20E-01	not listed			0.079	USEPA 1987	9.2E-06	USEPA 1987	817.2	EPI (PCKOCWIN)	89	Lewis et al. (1978)
Methyl tert-Butyl Ether (MTBE)	1634-04-4	88.15	EPI	2.40E-02	Hine and Mookerjee (1975)	0.7353	CRC 87th edition	7.50E-02	USEPA 2001	8.60E-06	USEPA 2001	5.258	EPI (PCKOCWIN)	51000	Bennett and Philip (1928)
Methyl-5-Nitroaniline, 2-	99-55-8	152.15	EPI	7.90E-07	EPI (HenryWin)							85.39	EPI (PCKOCWIN)	1878	EPI (WSKOWWIN)
Methylaniline Hydrochloride, 2-	636-21-5	107.16	EPI	0.000081	Altschuh et al. (1999)			0.084	USEPA 1987	9.8E-06	USEPA 1987	74.04	EPI (PCKOCWIN)	16600	Huyskens et al. (1975)
Methylarsonic acid	124-58-3	139.97	EPI									48.64	EPI (PCKOCWIN)	256000	Yalkowsky, SH & Dannenfelser, RM 1992
Methylene Chloride	75-09-2	84.93	EPI	0.13	Leighton and Calo (1981)	1.3266	CRC 87th edition	0.1	USEPA 2001	1.3E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	13000	Horvath (1982)
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	267.16	EPI	4.70E-10	EPI (HenryWin)							13530	EPI (PCKOCWIN)	13.9	Voorman and Penner (1986a)
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	254.38	EPI	4.90E-06	EPI (HenryWin)							14660	EPI (PCKOCWIN)	4.14	EPI (WSKOWWIN)
Methylenebisbenzenamine, 4,4'-	101-77-9	198.27	EPI	6.50E-10	EPI (HenryWin)							4950	EPI (PCKOCWIN)	1000	Moore (1978)
Methylenediphenyl Diisocyanate	101-68-8	250.26	EPI	3.70E-05	EPI (HenryWin)	1.197	CRC 87th edition					376200	EPI (PCKOCWIN)	0.8288	EPI (WSKOWWIN)
Methylstyrene, Alpha-	98-83-9	118.18	EPI	1.00E-01	not listed	0.9106	CRC 87th edition	0.063	USEPA 2001	8.2E-06	USEPA 2001	817.2	EPI (PCKOCWIN)	89	Lewis et al. (1978)
Metolachlor	51218-45-2	283.8	EPI	3.70E-07	Chesters et al. (1989)	1.12	CRC 87th edition					291.6	EPI (PCKOCWIN)	530	Wauchope et al. (1992)
Metribuzin	21087-64-9	214.29	EPI	4.80E-09	not listed	1.31	CRC 87th edition					1196	EPI (PCKOCWIN)	1050	Tomlin (1994)
Mirex	2385-85-5	545.55	EPI	3.30E-02	Yin and Hassett (1986)							472900	EPI (PCKOCWIN)	0.085	Yalkowsky and Dannenfelser (1992)
Molinate	2212-67-1	187.3	EPI	1.70E-04	Sagebiel et al. (1992)	1.063	CRC 87th edition	3.20E-02	USEPA 2001	6.80E-06	USEPA 2001	286.3	EPI (PCKOCWIN)	970	Wauchope et al. (1991a)
Molybdenum	7439-98-7	95.94	EPI											0	CRC 85th edition, considered insoluble
Monochloramine	10599-90-3	51.48	EPI												
Monomethylaniline	100-61-8	107.16	EPI	3.60E-04	Abraham et al. (1994)	0.9891	CRC 87th edition	0.072	USEPA 2001	9.1E-06	USEPA 2001	65.01	EPI (PCKOCWIN)	5620	Yalkowsky and Dannenfelser (1992)
Mercury Compounds															
Mercuric Chloride	7487-94-7	271.5	EPI											73100	CRC 85th edition, measured at 25 degrees Celsius.
Mercuric Sulfide	1344-48-5	232.65	EPI											0	CRC 85th edition, considered insoluble
Mercury (elemental)	7439-97-6	200.59	EPI	4.70E-01	SSL	13.5336	CRC 88th edition	0.071	USEPA 2001	0.00003	USEPA 2001			0.06	PHYSPROP, measured at 25 degrees Celsius.
Mercury, Inorganic Salts	NA	200.59	Chemfinder											0.06	PHYSPROP, measured at 25 degrees Celsius.
Methyl Mercury	22967-92-6	215.63	EPI												
Phenylmercuric Acetate	62-38-4	336.74	EPI	2.30E-08	not listed							171.8	EPI (PCKOCWIN)	4370	Tomlin (1994)
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	260.34	EPI	8.40E-09	EPI (HenryWin)							128800	EPI (PCKOCWIN)	7.353	EPI (WSKOWWIN)
Naled	300-76-5	380.79	EPI	2.70E-03	not listed	1.96	CRC 87th edition					96.03	EPI (PCKOCWIN)	1.5	USDA Pest. Prop. Database
Napropamide	15299-99-7	271.36	EPI	3.40E-08	not listed							11520	EPI (PCKOCWIN)	73	Yalkowsky and Dannenfelser (1992)
Nickel Refinery Dust	NA														
Nickel Soluble Salts	7440-02-0	58.69	EPI											0	CRC 85th edition, considered insoluble
Nickel Subsulfide	12035-72-2													0	Lange's (15th Ed.), Assigned a water solubility value of 0
Nitrate	14797-55-8	62	EPI												
Nitrite	14797-65-0	47.01	EPI												
Nitroaniline, 3-	99-09-2	138.13	EPI	3.20E-07	Abraham et al. (1994)	0.9011	CRC 87th edition					51.64	EPI (PCKOCWIN)	1200	Seidell (1941)
Nitroaniline, 4-	100-01-6	138.13	EPI	5.20E-08	Altschuh et al. (1999)	1.424	CRC 87th edition					51.64	EPI (PCKOCWIN)	728	Gross and Saylor (1931)
Nitrobenzene	98-95-3	123.11	EPI	9.80E-04	Warner et al. (1987)	1.2037	CRC 87th edition	0.068	USEPA 2001	9.4E-06	USEPA 2001	190.8	EPI (PCKOCWIN)	2090	Banerjee et al. (1980)
Nitrofurantoin	67-20-9	238.16	EPI	5.40E-11	EPI (HenryWin)							262.4	EPI (PCKOCWIN)	79.5	Yalkowsky and Dannenfelser (1992)
Nitrofurazone	59-87-0	198.14	EPI	1.3E-11	EPI (HenryWin)							375.7	EPI (PCKOCWIN)	210	Beilstein
Nitroglycerin	55-63-0	227.09	EPI	0.000004	not listed	1.5931	CRC 87th edition					130.8	EPI (PCKOCWIN)	1380	Seidell (1941)
Nitroguanidine	556-88-7	104.07	EPI	1.80E-10	EPI (HenryWin)							25.44	EPI (PCKOCWIN)	4400	Yalkowsky and Dannenfelser (1992)
Nitromethane	75-52-5	61.04	EPI	1.20E-03	Gaffney et al. (1987)	1.1371	CRC 87th edition	1.20E-01	USEPA 2001	1.40E-05	USEPA 2001	8.181	EPI (PCKOCWIN)	111000	Riddick et al. (1986)
Nitropropane, 2-	79-46-9	89.09	EPI	4.90E-03	not listed	0.9821	CRC 87th edition	8.50E-02	USEPA 2001	1.00E-05	USEPA 2001	24.95	EPI (PCKOCWIN)	17000	Baker and Bollmeier (1981)
Nitroso-di-N-butylamine, N-	924-16-3	158.25	EPI	5.40E-04	Mirvish et al. (1976)			6.50E-02	USEPA 1987	7.60E-06	USEPA 1987	1651	EPI (PCKOCWIN)	1270	Mirvish et al. (1976)
Nitroso-di-N-propylamine, N-	621-64-7	130.19	EPI	2.20E-04	Mirvish et al. (1976)	0.9163	CRC 87th edition	5.60E-02	USEPA 2001	7.80E-06	USEPA 2001	485.3	EPI (PCKOCWIN)	13000	Mirvish et al. (1976)
Nitroso-N-ethylurea, N-	759-73-9	117.11	EPI	5.40E-09	EPI (HenryWin)							35.85	EPI (PCKOCWIN)	13000	IARC (1978)
Nitrosodiethanolamine, N-	1116-54-7	134.14	EPI	9.30E-15	EPI (HenryWin)							1	EPI (PCKOCWIN)	1000000	IARC (1978)
Nitrosodiethylamine, N-	55-18-5	102.14	EPI	1.50E-04	Mirvish et al. (1976)	0.9422	CRC 87th edition	7.40E-02	USEPA 2001	9.10E-06	USEPA 2001	142.7	EPI (PCKOCWIN)	106000	Yalkowsky and Dannenfelser (1992)
Nitrosodimethylamine, N-	62-75-9	74.08	EPI	7.40E-05	Mirvish et al. (1976)	1.0048	CRC 87th edition	9.90E-02	USEPA 2001	1.20E-05	USEPA 2001	38.21	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Nitrosodiphenylamine, N-	86-30-6	198.23	EPI	4.90E-05	EPI (HenryWin)			0.056	USEPA 1987	6.5E-06	USEPA 1987	6154	EPI (PCKOCWIN)	35	Banerjee et al. (1980)
Nitrosomethylethylamine, N-	10595-95-6	88.11	EPI	1.70E-05	not listed			9.60E-02	USEPA 1987	1.10E-05	USEPA 1987	73.83	EPI (PCKOCWIN)	300000	IARC (1978)
Nitrosopyrrolidine, N-	930-55-2	100.12	EPI	2.00E-06	Mirvish et al. (1976)	1.085	CRC 87th edition					158.5	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Nitrotoluene, m-	99-08-1	137.14	EPI	3.80E-04	Altschuh et al. (1999)	1.1581	CRC 87th edition	5.90E-02	USEPA 2001	8.70E-06	USEPA 2001	309	EPI (PCKOCWIN)	500	Yalkowsky and Dannenfelser (1992)
Nitrotoluene, o-	88-72-2	137.14	EPI	5.10E-04	Altschuh et al. (1999)	1.1611	CRC 87th edition	0.059	USEPA 2001	8.7E-06	USEPA 2001	315.5	EPI (PCKOCWIN)	650	Yalkowsky and Dannenfelser (1992)
Nitrotoluene, p-	99-99-0	137.14	EPI	2.30E-04	Altschuh et al. (1999)	1.1038	CRC 87th edition	0.057	USEPA 2001	8.4E-06	USEPA 2001	309	EPI (PCKOCWIN)	442	Gross et al. (1933)
Norflurazon	27314-13-2	303.67	EPI	1.40E-08	not listed							5674	EPI (PCKOCWIN)	33.7	Tomlin (1997)
Nustar	85509-19-9	315.4	EPI	2.10E-05	EPI (HenryWin)							1766000	EPI (PCKOCWIN)	54	Tomlin (1997)
Octabromodiphenyl Ether	32536-52-0	801.38	EPI	1.00E-05	EPI (HenryWin)							143400	EPI (PCKOCWIN)	1.107E-08	EPI (WSKOWWIN)
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0	296.16	EPI	3.50E-08	EPI (HenryWin)							1853	EPI (PCKOCWIN)	9438	EPI (WSKOWWIN)
Octamethylpyrophosphoramide	152-16-9	286.25	EPI	2.60E-15	EPI (HenryWin)	1.09	CRC 87th edition					799.9	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Oryzalin	19044-88-3	346.36	EPI	7.80E-08	EPI (HenryWin)							1219	EPI (PCKOCWIN)	2.5	USDA Pest. Prop. Database
Oxadiazon	19666-30-9	345.23	EPI	0.000003	not listed							3500	EPI (PCKOCWIN)	0.7	
Oxamyl	23135-22-0	219.26	EPI	9.7E-09	not listed	0.97	CRC 87th edition					10	EPI (PCKOCWIN)	280000	Tomlin (1994)
Paclobutrazol	76738-62-0	293.8	EPI	3.40E-09	not listed	1.22	CRC 87th edition					12290	EPI (PCKOCWIN)	26	Tomlin (1994)
Paraquat Dichloride	1910-42-5	257.16	EPI	1.30E-11	EPI (HenryWin)							1405	EPI (PCKOCWIN)	620000	Wauchope et al. (1992)
Parathion	56-38-2	291.26	EPI	1.20E-05	Tomlin (1997)	1.2681	CRC 87th edition					1779	EPI (PCKOCWIN)	11	Tomlin (1997)
Pebulate	1114-71-2	203.35	EPI	9.70E-03	not listed	0.9458	CRC 87th edition					475.3	EPI (PCKOCWIN)	100	USDA Pest. Prop. Database
Pendimethalin	40487-42-1	281.31	EPI	3.50E-05	Fendinger and Glotfelty (1990)	1.19	CRC 87th edition					2622	EPI (PCKOCWIN)	0.275	Humburg et al. (1989)
Pentabromodiphenyl Ether	32534-81-9	564.69	EPI	1.40E-04	EPI (HenryWin)							30450	EPI (PCKOCWIN)	0.000394	EPI (WSKOWWIN)
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					2.28	Flemming et al 2000 (IRIS								
Pentachlorobenzene	608-93-5	250.34	EPI	0.029	Ten Hulscher et al. (1992)	1.8342	CRC 87th edition					2002	EPI (PCKOCWIN)	0.831	Yalkowsky and Dannenfelser (1992)
Pentachloroethane	76-01-7	202.3	EPI	7.90E-02	EPI (HenryWin)	1.6796	CRC 87th edition					154.4	EPI (PCKOCWIN)	480	EPI (WSKOWWIN)
Pentachloronitrobenzene	82-68-8	295.34	EPI	0.0018	not listed	1.718	CRC 87th edition					2406	EPI (PCKOCWIN)	0.44	Yalkowsky and Dannenfelser (1992)
Pentachlorophenol	87-86-5	266.34	EPI	0.000001	Hellman (1987)	1.978	CRC 87th edition					3380	EPI (PCKOCWIN)	14	Yalkowsky, SH and Dannenfelser, RM (1992)
Perchlorate and Perchlorate Salts	14797-73-0	117.49	Chemfinder											245000	CRC 85th edition, measured at 25 degrees Celsius.
Permethrin	52645-53-1	391.3	EPI	0.000076	not listed	1.23	CRC 87th edition					178400	EPI (PCKOCWIN)	0.006	USDA Pest. Prop. Database
Phenmedipham	13684-63-4	300.32	EPI	3.4E-11	not listed							272.8	EPI (PCKOCWIN)	4.7	Wauchope et al. (1991a)
Phenol	108-95-2	94.11	EPI	1.40E-05	Gaffney et al. (1987)	1.0545	CRC 87th edition	0.083	USEPA 2001	0.00001	USEPA 2001	268	EPI (PCKOCWIN)	82800	Southworth and Keller (1986)
Phenylenediamine, m-	108-45-2	108.14	EPI	3.90E-09	not listed	1.0096	CRC 87th edition					72.53	EPI (PCKOCWIN)	238000	Stephen and Stephen (1963)
Phenylenediamine, o-	95-54-5	108.14	EPI	0.00000029	not listed							74.04	EPI (PCKOCWIN)	40400	Yalkowsky and Dannenfelser (1992)

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{oc}	K_{oc} Ref	S (mg/L)	S Ref
Phenylenediamine, p-	106-50-3	108.14	EPI	0.000000036	EPI (HenryWin)							72.53	EPI (PCKOCWIN)	37000	Seidell (1941)
Phenylphenol, 2-	90-43-7	170.21	EPI	4.30E-05	not listed	1.213	CRC 87th edition	0.042	USEPA 2001	7.8E-06	USEPA 2001	10330	EPI (PCKOCWIN)	700	Tomlin (1994)
Phorate	298-02-2	260.37	EPI	1.80E-04	not listed	1.16	CRC 87th edition					443.8	EPI (PCKOCWIN)	50	Martin and Worthing (1977)
Phosgene	75-44-5	98.92	EPI	3.60E-01	EPI (HenryWin)	1.3719	CRC 87th edition	0.089	USEPA 2001	1.2E-05	USEPA 2001	2.211	EPI (WSKOWWIN)	475100	EPI (WSKOWWIN)
Phosmet	732-11-6	317.32	EPI	3.40E-07	not listed							42.9	EPI (PCKOCWIN)	24.4	Bowman and Sans (1983)
Phosphine	7803-51-2	34	EPI											397	Lange's (15th Ed.), measured at 17 degrees Celsius
Phosphoric Acid	7664-38-2	98	EPI											5480000	CRC 85th edition, measured at 20 degrees Celsius.
Phosphorus, White	7723-14-0	34	EPI											0	CRC 85th edition, considered insoluble
Phthalic Acid, P-	100-21-0	166.13	EPI	1.60E-11	EPI (HenryWin)							71.57	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfelser (1992)
Phthalic Anhydride	85-44-9	148.12	EPI	6.70E-07	not listed	1.527	CRC 87th edition					10.84	EPI (PCKOCWIN)	6200	Towle et al. (1968)
Picloram	1918-02-1	241.46	EPI	2.20E-12	not listed							18.1	EPI (PCKOCWIN)	430	Tomlin (1994)
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	199.12	EPI	7.60E-13	EPI (HenryWin)			0.056	USEPA 1987	6.5E-06	USEPA 1987	100.5	EPI (PCKOCWIN)	1400	Yalkowsky and Dannenfelser (1992)
Pirimiphos, Methyl	29232-93-7	305.33	EPI	2.90E-05	not listed	1.17	CRC 87th edition					138.4	EPI (PCKOCWIN)	8.6	Tomlin (1994)
Polybrominated Biphenyls	59536-65-1		EPI		EPI (HenryWin)								EPI (PCKOCWIN)		EPI (WSKOWWIN)
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	512.53	EPI	5.40E-10	EPI (HenryWin)							10000000000	EPI (PCKOCWIN)	6.938E-07	EPI (WSKOWWIN)
Potassium Perchlorate	7778-74-7	138.55	EPI											20800	CRC 85th edition, measured at 25 degrees Celsius.
Prochloraz	67747-09-5	376.67	EPI	6.70E-07	not listed							2683	EPI (PCKOCWIN)	34	Wauchope et al. (1991a)
Profluralin	26399-36-0	347.3	EPI	1.30E-02	not listed							18250	EPI (PCKOCWIN)	0.1	Yalkowsky and Dannenfelser (1992)
Prometon	1610-18-0	225.3	EPI	1.30E-07	not listed							156.5	EPI (PCKOCWIN)	750	Tomlin (1994)
Prometryn	7287-19-6	241.36	EPI	5.40E-07	not listed	1.157	CRC 87th edition					688.2	EPI (PCKOCWIN)	33	Wauchope et al. (1991a)
Propachlor	1918-16-7	211.69	EPI	3.70E-06	not listed	1.242	CRC 87th edition					284.7	EPI (PCKOCWIN)	700	Yalkowsky and Dannenfelser (1992)
Propanil	709-98-8	218.08	EPI	0.0000007	not listed	1.25	CRC 87th edition					197.2	EPI (PCKOCWIN)	152	USDA Pest. Prop. Database
Propargite	2312-35-8	350.48	EPI	1.70E-06	not listed	1.1	CRC 87th edition					138200	EPI (PCKOCWIN)	0.5	Wauchope et al. (1991a)
Propargyl Alcohol	107-19-7	56.06	EPI	4.70E-05	not listed	0.9478	CRC 87th edition	0.12	USEPA 2001	1.3E-05	USEPA 2001	1.325	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Propazine	139-40-2	229.71	EPI	1.90E-07	not listed	1.162	CRC 87th edition					356.2	EPI (PCKOCWIN)	8.6	Yalkowsky and Dannenfelser (1992)
Propham	122-42-9	179.22	EPI	1.60E-06	EPI (HenryWin)	1.09	CRC 87th edition					128.4	EPI (PCKOCWIN)	179	Yalkowsky and Dannenfelser (1992)
Propiconazole	60207-90-1	342.23	EPI	1.70E-07	not listed	1.27	CRC 87th edition					5564	EPI (PCKOCWIN)	110	Shiu et al. (1990)
Propylene Glycol	57-55-6	76.1	EPI	5.40E-09	EPI (HenryWin)	1.0361	CRC 87th edition					1	EPI (PCKOCWIN)	1000000	
Propylene Glycol Dinitrate	6423-43-4	166.09	EPI	3.90E-05	EPI (HenryWin)			6.30E-02	USEPA 1987	7.30E-06	USEPA 1987	67.7	EPI (PCKOCWIN)	2821	EPI (WSKOWWIN)
Propylene Glycol Monoethyl Ether	1569-02-4	104.15	EPI	1.00E-06	EPI (HenryWin)							1	EPI (PCKOCWIN)	366200	EPI (WSKOWWIN)
Propylene Glycol Monomethyl Ether	107-98-2	90.12	EPI	3.80E-05	Johanson and Dynesius (1988)	0.962	CRC 87th edition	8.30E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Propylene Oxide	75-56-9	58.08	EPI	2.80E-03	not listed			0.13	USEPA 1987	1.5E-05	USEPA 1987	2.324	EPI (PCKOCWIN)	590000	Bogyo et al. (1980)
Pursuit	81335-77-5	289.34	EPI	4.3E-15	EPI (HenryWin)							1389	EPI (PCKOCWIN)	1400	Tomlin (1994)
Pydrin	51630-58-1	419.91	EPI	0.0000014	not listed	1.15	CRC 87th edition					441500	EPI (PCKOCWIN)	0.002	Tomlin (1997)
Pyridine	110-86-1	79.1	EPI	0.00045	Hawthorne et al. (1985)	0.9819	CRC 87th edition	0.093	USEPA 2001	1.1E-05	USEPA 2001	33.01	EPI (PCKOCWIN)	1000000	Goe (1978)
Polychlorinated Biphenyls (PCBs)															
Aroclor 1016	12674-11-2	257.55	EPI	8.20E-03	Brunner et al. (1990)							27110	EPI (PCKOCWIN)	0.27	Chiou et al. (1983)
Aroclor 1221	11104-28-2	188.66	EPI	9.30E-03	Burkhard et al. (1985a)			0.058	USEPA 1987	6.7E-06	USEPA 1987	10330	EPI (PCKOCWIN)	4.83	Chiou et al. (1983)
Aroclor 1232	11141-16-5	188.66	EPI	9.30E-03	Burkhard et al. (1985a)			5.80E-02	USEPA 1987	6.70E-06	USEPA 1987	10330	EPI (PCKOCWIN)	4.83	Chiou et al. (1983)
Aroclor 1242	53469-21-9	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Aroclor 1248	12672-29-6	291.99	EPI	1.80E-02	Burkhard et al. (1985a)							43900	EPI (PCKOCWIN)	0.05316	EPI (WSKOWWIN)
Aroclor 1254	11097-69-1	326.44	EPI	1.20E-02	Burkhard et al. (1985a)							75640	EPI (PCKOCWIN)	0.0034	Ozretich et al. (1995)
Aroclor 1260	11096-82-5	395.33	EPI	1.40E-02	Burkhard et al. (1985a)							206800	EPI (PCKOCWIN)	0.0002842	EPI (WSKOWWIN)
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	395.33	EPI	3.70E-04	Brunner, S et al. (1990) (25 deg C)							211100	EPI (PCKOCWIN)	0.00347	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	395.33	EPI	4.10E-04	Brunner, S et al. (1990) (25 deg C)							206800	EPI (PCKOCWIN)	0.00385	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	395.33	EPI	5.60E-03	EPI (HenryWin)							206800	EPI (PCKOCWIN)	0.000753	Patil, GS (1991) (25 deg C)
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	360.88	EPI	6.60E-03	EPI (HenryWin)							122500	EPI (PCKOCWIN)	0.00223	Patil, GS (1991) (25 deg C)
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	360.88	EPI	0.0066	EPI (HenryWin)							125100	EPI (PCKOCWIN)	0.001641	EPI (WSKOWWIN)
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	360.88	EPI	0.0066	EPI (HenryWin)							125100	EPI (PCKOCWIN)	0.00533	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	360.88	EPI	0.0066	EPI (HenryWin)							122500	EPI (PCKOCWIN)	0.00051	Patil (1991)
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	326.44	EPI	7.80E-03	EPI (HenryWin)							75640	EPI (PCKOCWIN)	0.016	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	326.44	EPI	1.20E-02	not listed							74100	EPI (PCKOCWIN)	0.0134	Yalkowsky and Dannenfelser (1992)
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	326.44	EPI	3.40E-02	not listed							75640	EPI (PCKOCWIN)	0.0034	Ozretich et al. (1995)
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	326.44	EPI	7.80E-03	EPI (HenryWin)							75640	EPI (PCKOCWIN)	0.016	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	326.44	EPI	7.80E-03	EPI (HenryWin)							74100	EPI (PCKOCWIN)	0.009394	EPI (WSKOWWIN)
Polychlorinated Biphenyls (high risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Polychlorinated Biphenyls (low risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Polychlorinated Biphenyls (lowest risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	291.99	EPI	3.80E-04	Dunnivant et al. (1988)							44820	EPI (PCKOCWIN)	0.000569	Yalkowsky and Dannenfelser (1992)
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	291.99	EPI	9.10E-03	EPI (HenryWin)							44820	EPI (PCKOCWIN)	0.05316	EPI (WSKOWWIN)
Polynuclear Aromatic Hydrocarbons (PAHs)															
Acenaphthene	83-32-9	154.21	EPI	7.40E-03	Bamford et al. (1999)	1.222	CRC 87th edition	0.051	USEPA 2001	8.3E-06	USEPA 2001	6123	EPI (PCKOCWIN)	3.9	Miller et al. (1985)
Anthracene	120-12-7	178.24	EPI	2.30E-03	Alaee et al. (1996)	1.28	CRC 87th edition	0.039	USEPA 2001	7.9E-06	USEPA 2001	20400	EPI (PCKOCWIN)	0.0434	May et al. (1983)
Benz[a]anthracene	56-55-3	228.3	EPI	4.90E-04	Bamford et al. (1999)							231300	EPI (PCKOCWIN)	0.0094	May et al. (1978)
Benzo[a]pyrene	50-32-8	252.32	EPI	1.90E-05	Ten Hulscher et al. (1992)							786800	EPI (PCKOCWIN)	0.00162	May et al. (1983)
Benzo[b]fluoranthene	205-99-2	252.32	EPI	2.70E-05	Ten Hulscher et al. (1992)							803100	EPI (PCKOCWIN)	0.0015	Yalkowsky and Dannenfelser (1992)
Benzo[k]fluoranthene	207-08-9	252.32	EPI	0.000024	Ten Hulscher et al. (1992)							786800	EPI (PCKOCWIN)	0.0008	Pearlman et al. (1984)
Chrysene	218-01-9	228.3	EPI	0.00021	Bamford et al. (1999)	1.274	CRC 87th edition					236100	EPI (PCKOCWIN)	0.002	Miller et al. (1985)
Dibenz[a,h]anthracene	53-70-3	278.36	EPI	5.00E-06	EPI (HenryWin)							2622000	EPI (PCKOCWIN)	0.00103	Shaw (1989)
Fluoranthene	206-44-0	202.26	EPI	3.60E-04	Ten Hulscher et al. (1992)	1.252	CRC 87th edition					70850	EPI (PCKOCWIN)	0.26	MacKay and Shiu (1977)
Fluorene	86-73-7	166.22	EPI	3.90E-03	Shiu and MacKay (1997)	1.203	CRC 87th edition	4.40E-02	USEPA 2001	7.90E-06	USEPA 2001	11290	EPI (PCKOCWIN)	1.89	Wauchope and Getzen (1972)
Indeno[1,2,3-cd]pyrene	193-39-5	276.34	EPI	1.40E-05	Ten Hulscher et al. (1992)							2676000	EPI (PCKOCWIN)	0.00019	Pearlman et al. (1984)
Methylnaphthalene, 1-	90-12-0	142.2	EPI	2.10E-02	Altschuh et al. (1999)	1.0202	CRC 87th edition	5.30E-02	USEPA 2001	7.80E-06	USEPA 2001	3038	EPI (PCKOCWIN)	25	Volkman et al (1984)
Methylnaphthalene, 2-	91-57-6	142.2	EPI	2.10E-02	Altschuh et al. (1999)	1.0058	CRC 87th edition	5.20E-02	USEPA 2001	7.80E-06	USEPA 2001	2976	EPI (PCKOCWIN)	24.6	Yalkowsky and Dannenfelser (1992)
Naphthalene	91-20-3	128.18	EPI	1.80E-02	Shiu and MacKay (1997)	1.0253	CRC 87th edition	6.00E-02	USEPA 2001	8.40E-06	USEPA 2001	1837	EPI (PCKOCWIN)	31	Pearlman et al. (1984)
Pyrene	129-00-0	202.26	EPI	4.90E-04	Shiu and MacKay (1997)	1.271	CRC 87th edition	2.80E-02	USEPA 2001	7.20E-06	USEPA 2001	69410	EPI (PCKOCWIN)	0.135	
Quinalphos	13593-03-8	298.3	EPI	2.30E-06	not listed							1857	EPI (PCKOCWIN)	22	Yalkowsky and Dannenfelser (1992)
Quinoline	91-22-5	129.16	EPI	6.80E-05	not listed	1.0977	CRC 87th edition	0.062	USEPA 2001	8.7E-06	USEPA 2001	1837	EPI (PCKOCWIN)	6110	Smith et al. (1978)
Refractory Ceramic Fibers	NA														
Resmethrin	10453-86-8	338.45	EPI	5.40E-06	not listed							425300	EPI (PCKOCWIN)	0.3	Tomlin (1997)
Ronnel	299-84-3	321.54	EPI	1.30E-03	not listed	1.44	CRC 87th edition					2008	EPI (PCKOCWIN)	1	Suntio et al. (1988)
Rotenone	83-79-4	394.43	EPI	4.60E-12	EPI (HenryWin)							346500	EPI (PCKOCWIN)	0.2	Augustijn-Beckers et al. (1994)
Savey	78587-05-0	352.88	EPI	9.70E-07	not listed							4075	EPI (PCKOCWIN)	0.5	Tomlin (1994)
Selenious Acid	7783-00-8	128.97	EPI											900000	Perry's (7th Ed.), measured at 0 degrees Celsius.
Selenium	7782-49-2	80.98	EPI											0	CRC 85th edition, considered insoluble
Selenourea	630-10-4	123.02	EPI									19.78	EPI (PCKOCWIN)	1000000	EPI (WSKOWWIN)
Sethoxydim	74051-80-2	327.49	EPI	8.80E-10	EPI (HenryWin)	1.043	CRC 87th edition					2845	EPI (PCKOCWIN)	25	Tomlin (1997)
Silver	7440-22-4	107.87	EPI											0	Lange's (15th Ed.), Assigned a water solubility value of 0
Simazine	122-34-9	201.66	EPI	3.90E-08	not listed	1.302	CRC 87th edition					149	EPI (PCKOCWIN)	6.2	USDA Pest. Prop. Database
Sodium Acifluorfen	62476-59-9	383.65	EPI	2.5E-09	EPI (HenryWin)							3125	EPI (PCKOCWIN)	250000	Tomlin (1994)
Sodium Azide	26628-22-8	65.01	EPI											408000	CRC 85th edition, measured at 20 degrees Celsius.
Sodium Diethyldithiocarbamate	148-18-5	171.25	EPI									17.88	EPI (PCKOCWIN)	1000000	EPI (WSKOWWIN)
Sodium Fluoroacetate	62-74-8	100.03	EPI	4.50E-05	EPI (HenryWin)			0.088	USEPA 1987	0.00001	USEPA 1987	1.201	EPI (PCKOCWIN)	1110000	
Sodium Metavanadate	13718-26-8													210000	CRC 85th edition, measured at 25 degrees Celsius.

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D_{ia}	D_{ia} Ref	D_{iw}	D_{iw} Ref	K_{oc}	K_{oc} Ref	S (mg/L)	S Ref
Sodium Perchlorate	7601-89-0	122.44	EPI											2050000	CRC 85th edition, measured at 25 degrees Celsius.
Stirofos (Tetrachlorovinphos)	961-11-5	365.97	EPI	7.50E-08	not listed							287.2	EPI (PCKOCWIN)	11	Merck Index (1983)
Strontium, Stable	7440-24-6	87.62	EPI											0	CRC 85th edition, reacts in water and/or decomposes.
Strychnine	57-24-9	334.42	EPI	2.4E-12	EPI (HenryWin)	1.36	CRC 87th edition					6422	EPI (PCKOCWIN)	160	Seidell (1941)
Styrene	100-42-5	104.15	EPI	0.11	Bocek (1976)	0.9016	CRC 87th edition	0.071	USEPA 2001	8.8E-06	USEPA 2001	517.8	EPI (PCKOCWIN)	310	Yalkowsky and Dannenfelser (1992)
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	287.16	EPI	5.60E-06	EPI (HenryWin)							7615	EPI (PCKOCWIN)	6.861	EPI (WSKOWWIN)
Systhane	88671-89-0	288.78	EPI	0.00000017	not listed							114300	EPI (PCKOCWIN)	142	Tomlin (1994)
TCMTB	21564-17-0	238.34	EPI	2.7E-10	EPI (HenryWin)							3707	EPI (PCKOCWIN)	125	Brownlee et al. (1992)
Tebuthiuron	34014-18-1	228.31	EPI	4.9E-09	USDA Pest. Prop. Database							22.78	EPI (PCKOCWIN)	2500	Tomlin (1997)
Temephos	3383-96-8	466.46	EPI	0.00000008	EPI (HenryWin)	1.32	CRC 87th edition					1555000	EPI (PCKOCWIN)	0.27	Shiu et al. (1990)
Terbacil	5902-51-2	216.67	EPI	4.9E-09	not listed	1.34	CRC 87th edition					77.84	EPI (PCKOCWIN)	710	Tomlin (1997)
Terbufos	13071-79-9	288.42	EPI	9.80E-04	not listed	1.105	CRC 87th edition					979.2	EPI (PCKOCWIN)	5.07	Felsot and Dahm (1979)
Terbutryn	886-50-0	241.36	EPI	4.70E-07	not listed	1.115	CRC 87th edition					635.3	EPI (PCKOCWIN)	25	Yalkowsky and Dannenfelser (1992)
Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	EPI	0.041	Oliver (1985)	1.858	CRC 87th edition					1186	EPI (PCKOCWIN)	0.595	Yalkowsky and Valvani (1980)
Tetrachloroethane, 1,1,1,2-	630-20-6	167.85	EPI	0.099	not listed	1.5406	CRC 87th edition	0.048	USEPA 2001	9.1E-06	USEPA 2001	96.63	EPI (PCKOCWIN)	1070	Horvath et al. (1999)
Tetrachloroethane, 1,1,2,2-	79-34-5	167.85	EPI	1.50E-02	Leighton and Calo (1981)	1.5953	CRC 87th edition	0.049	USEPA 2001	9.3E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	2870	Stephen and Stephen (1963)
Tetrachloroethylene	127-18-4	165.83	EPI	7.20E-01	Gossett (1987)	1.623	CRC 87th edition	0.05	USEPA 2001	9.5E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	206	Horvath et al. (1999)
Tetrachlorophenol, 2,3,4,6-	58-90-2	231.89	EPI	3.60E-04	not listed							2002	EPI (PCKOCWIN)	23	Chem. Inspect. Test Inst. (1992)
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	229.92	EPI	7.90E-03	EPI (HenryWin)	1.4463	CRC 87th edition					1912	EPI (PCKOCWIN)	4.039	EPI (WSKOWWIN)
Tetraethyl Dithiopyrophosphate	3689-24-5	322.31	EPI	9.80E-05	not listed	1.196	CRC 87th edition					3864	EPI (PCKOCWIN)	30	Yalkowsky and Dannenfelser (1992)
Tetrafluoroethane, 1,1,1,2-	811-97-2	102.03	EPI	2	Chang and Criddle (1995)	1.2072	CRC 87th edition	0.082	USEPA 2001	1.1E-05	USEPA 2001	96.63	EPI (PCKOCWIN)	767.8	EPI (WSKOWWIN)
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	287.15	EPI	1.10E-07	EPI (HenryWin)	1.57	CRC 87th edition					2141	EPI (PCKOCWIN)	74	EPI (WSKOWWIN)
Thallium (I) Nitrate	10102-45-1	266.39	EPI											95500	CRC 85th edition, measured at 20 degrees Celsius.
Thallium (Soluble Salts)	7440-28-0	204.38	EPI											0	CRC 85th edition, considered insoluble
Thallium Acetate	563-68-8	263.43	EPI												
Thallium Carbonate	6533-73-9	468.78	EPI											46900	CRC 85th edition, measured at 20 degrees Celsius.
Thallium Chloride	7791-12-0	239.84	EPI											3300	CRC 85th edition, measured at 20 degrees Celsius.
Thallium Sulfate	7446-18-6	504.82	EPI											54700	CRC 85th edition, measured at 25 degrees Celsius.
Thiobencarb	28249-77-6	257.78	EPI	1.10E-05	not listed	1.16	CRC 87th edition					2676	EPI (PCKOCWIN)	28	Wauchope et al. (1991a)
Thiofanox	39196-18-4	218.32	EPI	3.80E-07	not listed							97.57	EPI (PCKOCWIN)	5200	Yalkowsky and Dannenfelser (1992)
Thiophanate, Methyl	23564-05-8	342.39	EPI	1.20E-11	EPI (HenryWin)							14.32	EPI (PCKOCWIN)	438.9	EPI (WSKOWWIN)
Thiram	137-26-8	240.42	EPI	1.20E-05	not listed							10	EPI (PCKOCWIN)	30	Yalkowsky and Dannenfelser (1992)
Tin	7440-31-5	120.73	EPI											0	Lange's (15th Ed.), Assigned a water solubility value of 0
Toluene	108-88-3	92.14	EPI	2.70E-01	MacKay et al. (1979)	0.8623	CRC 87th edition	7.80E-02	USEPA 2001	9.20E-06	USEPA 2001	268	EPI (PCKOCWIN)	526	Sanemasa et al. (1982)
Toluene diisocyanate mixture (TDI)	26471-62-5	174.16	EPI	4.50E-04	EPI (HenryWin)			6.10E-02	USEPA 1987	7.10E-06	USEPA 1987	9114	EPI (PCKOCWIN)	37.57	EPI (WSKOWWIN)
Toluene-2,4-diamine	95-80-7	122.17	EPI	0.000000039	EPI (HenryWin)							119.9	EPI (PCKOCWIN)	74820	EPI (WSKOWWIN)
Toluene-2,5-diamine	95-70-5	122.17	EPI	3.90E-08	EPI (HenryWin)							119.9	EPI (PCKOCWIN)	72460	EPI (WSKOWWIN)
Toluene-2,6-diamine	823-40-5	122.17	EPI	3.90E-08	EPI (HenryWin)							122.4	EPI (PCKOCWIN)	72460	EPI (WSKOWWIN)
Toluidine, o- (Methylaniline, 2-)	95-53-4	107.16	EPI	8.10E-05	Altschuh et al. (1999)	0.9984	CRC 87th edition	0.072	USEPA 2001	9.2E-06	USEPA 2001	74.04	EPI (PCKOCWIN)	16600	Huyskens et al. (1975)
Toluidine, p-	106-49-0	107.16	EPI	8.30E-05	Jayasinghe et al. (1992)	0.9619	CRC 87th edition	7.10E-02	USEPA 2001	9.00E-06	USEPA 2001	72.53	EPI (PCKOCWIN)	6500	Yalkowsky and Dannenfelser (1992)
Toxaphene	8001-35-2	413.82	EPI	2.50E-04	EPI (HenryWin)							99300	EPI (PCKOCWIN)	0.55	EPI (WSKOWWIN)
Tralomethrin	66841-25-6	665.02	EPI	1.60E-08	EPI (HenryWin)							263400	EPI (PCKOCWIN)	0.08	EPI (WSKOWWIN)
Triallate	2303-17-5	304.66	EPI	7.90E-04	EPI (HenryWin)	1.273	CRC 87th edition					1641	EPI (PCKOCWIN)	4	EPI (WSKOWWIN)
Triasulfuron	82097-50-5	401.83	EPI	1.30E-11	EPI (HenryWin)							357.7	EPI (PCKOCWIN)	32	EPI (WSKOWWIN)
Tribromobenzene, 1,2,4-	615-54-3	314.8	EPI	1.60E-02	EPI (HenryWin)			4.10E-02	USEPA 1987	4.80E-06	USEPA 1987	717.6	EPI (PCKOCWIN)	4.9	EPI (WSKOWWIN)
Tributyl Phosphate	126-73-8	266.32	EPI	6.10E-06	EPI (HenryWin)	0.9727	CRC 87th edition					1888	EPI (PCKOCWIN)	280	EPI (WSKOWWIN)
Tributyltin Compounds	NA														
Tributyltin Oxide	56-35-9	596.12	EPI	3900	EPI (HenryWin)							37450000	EPI (PCKOCWIN)	100	EPI (WSKOWWIN)
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	187.38	EPI	22	EPI (HenryWin)	1.5635	CRC 87th edition	0.038	USEPA 2001	8.6E-06	USEPA 2001	224.7	EPI (PCKOCWIN)	170	EPI (WSKOWWIN)
Trichloroaniline HCl, 2,4,6-	33663-50-2	232.93	EPI	2.90E-12	EPI (HenryWin)							383.1	EPI (PCKOCWIN)	110300	EPI (WSKOWWIN)
Trichloroaniline, 2,4,6-	634-93-5	196.46	EPI	5.50E-05	EPI (HenryWin)							198.3	EPI (PCKOCWIN)	40	EPI (WSKOWWIN)
Trichlorobenzene, 1,2,4-	120-82-1	181.45	EPI	5.80E-02	EPI (HenryWin)	1.459	CRC 87th edition	0.04	USEPA 2001	8.4E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	49	EPI (WSKOWWIN)
Trichloroethane, 1,1,1-	71-55-6	133.41	EPI	7.00E-01	EPI (HenryWin)	1.339	CRC 87th edition	6.50E-02	USEPA 2001	9.60E-06	USEPA 2001	48.64	EPI (PCKOCWIN)	1290	EPI (WSKOWWIN)
Trichloroethane, 1,1,2-	79-00-5	133.41	EPI	3.40E-02	Leighton and Calo (1981)	1.4397	CRC 87th edition	0.067	USEPA 2001	0.00001	USEPA 2001	67.7	EPI (PCKOCWIN)	1100	Talian et al. (1986)
Trichloroethylene	79-01-6	131.39	EPI	4.00E-01	EPI (HenryWin)	1.4642	CRC 87th edition	0.069	USEPA 2001	0.00001	USEPA 2001	67.7	EPI (PCKOCWIN)	1280	EPI (WSKOWWIN)
Trichlorofluoromethane	75-69-4	137.37	EPI	4.00E+00	EPI (HenryWin)	1.4879	CRC 87th edition	0.065	USEPA 2001	0.00001	USEPA 2001	48.64	EPI (PCKOCWIN)	1100	EPI (WSKOWWIN)
Trichlorophenol, 2,4,5-	95-95-4	197.45	EPI	6.60E-05	not listed			5.60E-02	USEPA 1987	6.50E-06	USEPA 1987	1186	EPI (PCKOCWIN)	1200	Leuenberger et al. (1985a)
Trichlorophenol, 2,4,6-	88-06-2	197.45	EPI	1.10E-04	not listed	1.4901	CRC 87th edition	3.10E-02	USEPA 2001	8.10E-06	USEPA 2001	1186	EPI (PCKOCWIN)	800	Neely (1984)
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1	269.51	EPI	3.70E-07	EPI (HenryWin)							80.4	EPI (PCKOCWIN)	200	EPI (WSKOWWIN)
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	255.49	EPI	1.90E-06	EPI (HenryWin)							48.63	EPI (PCKOCWIN)	278	EPI (WSKOWWIN)
Trichloropropane, 1,1,2-	598-77-6	147.43	EPI	1.30E-02	EPI (HenryWin)	1.372	CRC 87th edition	0.057	USEPA 2001	9.2E-06	USEPA 2001	116.8	EPI (PCKOCWIN)	1900	EPI (WSKOWWIN)
Trichloropropane, 1,2,3-	96-18-4	147.43	EPI	0.014	EPI (HenryWin)	1.3889	CRC 87th edition	0.057	USEPA 2001	9.2E-06	USEPA 2001	130.8	EPI (PCKOCWIN)	1750	EPI (WSKOWWIN)
Trichloropropene, 1,2,3-	96-19-5	145.42	EPI	0.72	EPI (HenryWin)	1.412	CRC 87th edition	0.059	USEPA 2001	9.4E-06	USEPA 2001	130.8	EPI (PCKOCWIN)	334.2	EPI (WSKOWWIN)
Tridiphane	58138-08-2	320.43	EPI	0	EPI (HenryWin)							1756	EPI (PCKOCWIN)	0.3523	EPI (WSKOWWIN)
Triethylamine	121-44-8	101.19	EPI	6.10E-03	EPI (HenryWin)	0.7275	CRC 87th edition	0.066	USEPA 2001	7.9E-06	USEPA 2001	107.2	EPI (PCKOCWIN)	73700	EPI (WSKOWWIN)
Trifluralin	1582-09-8	335.29	EPI	4.20E-03	EPI (HenryWin)							9682	EPI (PCKOCWIN)	0.184	EPI (WSKOWWIN)
Trimethyl Phosphate	512-56-1	140.08	EPI	2.90E-07	EPI (HenryWin)	1.2144	CRC 87th edition					7.644	EPI (PCKOCWIN)	500000	EPI (WSKOWWIN)
Trimethylbenzene, 1,2,4-	95-63-6	120.2	EPI	2.50E-01	Sanemasa et al. (1982)	0.8758	CRC 87th edition	0.061	USEPA 2001	7.9E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	57	McAuliffe (1966)
Trimethylbenzene, 1,3,5-	108-67-8	120.2	EPI	3.60E-01	EPI (HenryWin)	0.8615	CRC 87th edition	0.06	USEPA 2001	7.8E-06	USEPA 2001	703	EPI (PCKOCWIN)	48.2	EPI (WSKOWWIN)
Trinitrobenzene, 1,3,5-	99-35-4	213.11	EPI	1.30E-07	EPI (HenryWin)	1.4775	CRC 87th edition					1087	EPI (PCKOCWIN)	278	EPI (WSKOWWIN)
Trinitrotoluene, 2,4,6-	118-96-7	227.13	EPI	1.90E-05	EPI (HenryWin)	1.654	CRC 87th edition					1834	EPI (PCKOCWIN)	130	EPI (WSKOWWIN)
Triphenylphosphine Oxide	791-28-6	278.29	EPI	2.20E-08	EPI (HenryWin)	1.2124	CRC 87th edition					921.3	EPI (PCKOCWIN)	62.76	EPI (WSKOWWIN)
Tris(2-chloroethyl)phosphate	115-96-8	285.49	EPI	1.00E-06	EPI (HenryWin)	1.39	CRC 87th edition					300.9	EPI (PCKOCWIN)	7000	EPI (WSKOWWIN)
Tris(2-ethylhexyl)phosphate	78-42-2	434.65	EPI	3.20E-06	EPI (HenryWin)	0.99	CRC 87th edition					2277000	EPI (PCKOCWIN)	0.6	EPI (WSKOWWIN)
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1														
Tri-n-butyltin	688-73-3	291.07	EPI	6.20E+01	EPI (HenryWin)	1.103	CRC 88th edition					9950	EPI (PCKOCWIN)	0.007302	EPI
Uranium (Soluble Salts)	NA													0	Lange's (15th Ed.), Assigned a water solubility value of 0
Vanadium Pentoxide	1314-62-1	181.88	EPI											700	CRC 85th edition, measured at 25 degrees Celsius.
Vanadium Sulfate	36907-42-3	273.111	CRC 88th edition												
Vanadium and Compounds	NA	50.94	Chemfinder											0	CRC 85th edition, considered insoluble
Vanadium, Metallic	7440-62-2	50.94	EPI											0	CRC 85th edition, considered insoluble
Vernolate	1929-77-7	203.35	EPI	0.0013	EPI (HenryWin)	0.952	CRC 87th edition					475.3	EPI (PCKOCWIN)	90	EPI (WSKOWWIN)
Vinclozolin	50471-44-8	286.12	EPI	5.40E-07	EPI (HenryWin)	1.51	CRC 87th edition					289	EPI (PCKOCWIN)	2.6	EPI (WSKOWWIN)
Vinyl Acetate	108-05-4	86.09	EPI	2.10E-02	EPI (HenryWin)	0.9256	CRC 87th edition	8.50E-02	USEPA 2001	1.00E-05	USEPA 2001	6.131	EPI (PCKOCWIN)	20000	EPI (WSKOWWIN)
Vinyl Bromide	593-60-2	106.95	EPI	5.00E-01	EPI (HenryWin)	1.4933	CRC 87th edition	8.60E-02	USEPA 2001	1.20E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	5079	EPI (WSKOWWIN)
Vinyl Chloride	75-01-4	62.5	EPI	1.10E+00	EPI (HenryWin)	0.9106	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	8800	EPI (WSKOWWIN)
Warfarin	81-81-2	308.34	EPI	1.10E-07	EPI (HenryWin)							273.2	EPI (PCKOCWIN)	17	EPI (WSKOWWIN)
Xylene, Mixture	1330-20-7	106.17	EPI	2.70E-01	EPI (HenryWin)			8.50E-02	USEPA 1987	9.90E-06	USEPA 1987	443.1	EPI (PCKOCWIN)	106	EPI (WSKOWWIN)
Xylene, P-	106-42-3	106.17	EPI	2.80E-01	EPI (HenryWin)	0.8565	CRC 87th edition	6.80E-02	USEPA 2001	8.40E-06	USEPA 2001	434	EPI (PCKOCWIN)	162	EPI (WSKOWWIN)
Xylene, m-	108-38-3	106.17	EPI	2.90E-01	EPI (HenryWin)	0.8598	CRC 87th edition	6.80E-02	USEPA 2001	8.40E-06	USEPA 2001	434	EPI (PCKOCWIN)	161	EPI (WSKOWWIN)
Xylene, o-	95-47-6	106.17	EPI	2.10E-01	EPI (HenryWin)	0.8755	CRC 87th edition	6.90E-02	USEPA 2001	8.50E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	106	EPI (WSKOWWIN)
Zinc (Metallic)	7440-66-6	67.41	EPI											0	Lange's (15th Ed.), considered insoluble
Zinc Phosphide	1314-84-7													0	Lange's (15th Ed.), reacts in water and/or decomposes.
Zineb	12122-67-7	275.74	EPI	6.50E-09	EPI (HenryWin)							10	EPI (PCKOCWIN)	10	EPI (WSKOWWIN)