

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Screening Levels										Protection of Groundwater Soil Screening Levels				
		SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCi (mg/m ³) ¹	k _e y	v _o 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				4.0E-03							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								2.2E+00	c**		4.5E-04		
Acetochlor	34256-82-1					2.0E-02	I						0.1	1.2E+03	n	1.2E+04	n	1.1E+00	c**	5.6E+00	c**	7.3E+02	n		4.0E-01		
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V			1	1.1E+05	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	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	6.0E-02	I	V			1	1.3E+05	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	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	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						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				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	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						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						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						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						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						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						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		
Allyl	74223-64-6					2.5E-01	I						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				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	1.0E-03	I	V			1	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						0.1	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.4E+04		
Ametryn	834-12-8					9.0E-03	H						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						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						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						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				0.1	8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c*		6.0E+00	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		6.6E-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						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	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				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						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						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						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						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						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						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						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						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						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						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	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	n	5.6E+00	c*	3.1E-01	c	1.6E+00	c*	4.1E-01	c				

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels								
		SFO	k e	IUR	k e	RfDo	k e	RfCi	k e	muta-	RAGS	RAGS	Csat	Residential	Industrial	Residential	Industrial	Tapwater	MCL	Risk-based	MCL-based								
		(mg/kg-day) ¹	y	(ug/m ³) ¹	y	(mg/kg-day)	y	(mg/m ³) ¹	y	gen	Part E	Part E	mg/kg	Soil	Soil	Air	Air	ug/L	ug/L	mg/kg	mg/kg								
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I					5.7E+02	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				0.1		3.5E+01	c*	1.2E+02	c*			4.8E+00	c	6.0E+00	c	1.6E+00	2.0E+00					
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I							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				0.1		3.1E+03	n	3.1E+04	n			1.8E+03	n		n	2.7E+02						
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H				1.6E+04	n	2.0E+05	nm	2.1E+01	n	8.8E+01	n		n	7.3E+03						
Boron Trifluoride	7637-07-2							7.0E-04	H				9.9E+05	nm	4.2E+06	nm	7.3E-01	n	3.1E+00	n		n							
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I						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		7.7E+02	9.4E+01	c	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					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				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		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				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				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				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		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				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				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				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				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				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					1.4E-03	c	6.8E-03	c	1.8E+01	n	5.0E+00	1.4E+00	3.8E-01
Cadmium (Water)	7440-43-9			1.8E-03	I	5.0E-04	I				0.05	0.001																	
Caprolactam	105-60-2					5.0E-01	I				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				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				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				0.1		6.1E+03	n	6.2E+04	n					3.7E+03	n	2.5E+00						
Carbafuran	1563-66-2					5.0E-03	I				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		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		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				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				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				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				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								0.1		1.2E+00	c	4.3E+00	c					1.7E-01	c	3.7E-05						
Chlordane	12789-03-6	3.5E-01	C	1.0E-04	I	5.0E-04	I	7.0E-04	I		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						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				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			7.5E+03	n	9.1E+04	n	1.5E-01	n	6.4E-01	n	3.7E+03	n	3.7E+03	n	1.6E+00					
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I			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					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		1.2E+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		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								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						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				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		0.1		4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n		n							
Chloroaniline, p-	106-47-8	5.4E-02	P			4.0E-03	I				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		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				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		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					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		1.7E+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		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		1.4E+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																						

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Screening Levels										Protection of Groundwater Soil Screening Levels				
		SFO (mg/kg-day)	ke (y)	IUR (ug/m ³ -y)	ke (y)	RfDo (mg/kg-day)	ke (y)	RfCI (mg/m ³ -y)	ke (y)	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							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	480-19-5			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			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-0						

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

Contaminant		Toxicity and Chemical-specific Information											Screening Levels										Protection of Groundwater Soil Screening Levels				
Analyte	CAS No.	SFO	k e	IUR	k e	RfDo	k e	RfCI	k e	o c	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	Csat	Residential Soil	key	Industrial Soil	key	Residential Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL
		(mg/kg-day)	(ug/m ³) ¹	(ug/m ³) ¹	(mg/kg-day)	(mg/m ³) ¹	(mg/m ³) ¹	(mg/m ³) ¹	(mg/m ³) ¹	(mg/m ³) ¹	(mg/m ³) ¹	(mg/kg-day)	(mg/kg)	(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/kg)	(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				1.7E+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	5.0E-04	P		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	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				1.0E-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		1.6E+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	
Difenzquat	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	
Diffuoroethane, 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						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				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				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	P						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			</																							

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

Contaminant		Toxicity and Chemical-specific Information													Screening Levels								Protection of Groundwater Soil Screening Levels				
Analyte	CAS No.	SFO	k _e	IUR	k _e	RfDo	k _e	RfCi	k _e	V _o	muta-	RAGS	RAGS	Csat	Residential	Industrial	Residential		Industrial		Tapwater	MCL	Risk-based	MCL-based			
		(mg/kg-day) ¹	(ug/m ³) ¹	(ug/m ³ -day)	(mg/m ³) ¹	(ug/m ³) ¹	(ug/m ³) ¹	(ug/m ³) ¹	(ug/m ³) ¹	(ug/m ³) ¹	(ug/m ³) ¹	(ug/m ³) ¹	Part E	Part E	mg/kg	mg/kg	key	key	key	key	key	ug/L	ug/L	mg/kg	mg/kg		
EPTC	759-94-4		2.5E-02		I					V		1		6.2E+02	2.0E+03	2.6E+04	ns	ns			9.1E+02	n	6.5E-01				
Ethephon	16672-87-0		5.0E-03		I							1	0.1		3.1E+02	3.1E+03	n	n			1.8E+02	n	3.8E-02				
Ethion	563-12-2		5.0E-04		I							1	0.1		3.1E+01	3.1E+02	n	n			1.8E+01	n	4.8E-01				
Ethoxyethanol Acetate, 2-	111-15-9		3.0E-01	H								1	0.1		1.8E+04	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	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	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	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	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	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	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	96-46-7	4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		4.9E+00	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	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	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	1.5E+02	n				9.1E+00	n	5.9E-03				
Fenprothrin	39515-41-8		2.5E-02		I							1	0.1		1.5E+03	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	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	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	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	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	3.7E+04	n				2.2E+03	n	2.4E+01				
Fluvinalate	69409-94-5		1.0E-02		I							1	0.1		6.1E+02	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	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	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	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	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	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	1.8E+06	nm				1.1E+05	n					
Furazolidone	67-45-8	3.8E+00	H									1	0.1		1.3E-01	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	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	3.1E+00	c	5.7E-03	c	2.9E-02	c	4.5E-02	c	5.3E-05			
Furmecycloz	60568-05-0	3.0E-02	I									1	0.1		1.6E+01	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	3.3E-03	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-	56684-94-1	1.3E+04	W	3.8E+00	W							1	0.1		3.7E-05	3.3E-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	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	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	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	3.3E-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	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	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	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	1.8E+03	n				1.1E+02	n	1.0E+01				
Haloxypol, Methyl	69806-40-2		5.0E-05		I							1	0.1		3.1E+00	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	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	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	1.9E-01	c*	9.4E-04	c*	4.7E-03	c	7.4E-03	c*	7.9E-05	2.1E-03		
Hexabromobenzene	87-82-1		2.0E-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 based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels								
		SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ¹	k _e y	RfDo (mg/kg-day)	k _e y	RfCi (mg/m ³) ¹	k _e y	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		2.0E+00						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						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					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			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		
Mephosolan	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									

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

Contaminant		Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels		
Analyte	CAS No.	SFO (mg/kg-day) ¹	ke IUR (ug/m ³) ¹	ke RfDo (mg/kg-day)	ke RfCI (mg/m ³) ¹	ke y o c mutagen	RAGS Part E GIABS	RAGS Part E ABS	Csat mg/kg	Residential Soil mg/kg	Industrial Soil mg/kg	Residential Air ug/m ³	Industrial Air ug/m ³	Tapwater ug/L	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	7.3E+02	n	4.8E+01			
Nickel Soluble Salts	7440-02-0			2.0E-02	I		0.04			1.6E+03	n	2.0E+04	n										
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							
Nitrosomethyl ethylamine, 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	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',5,5'- (BDE-99)	60348-60-9			1.0E-04	I		1			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 based on DAF=1

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels	
		SFO	k e IUR	k e RfDo	k e RfCI	k e y o c	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	Csat	Residential Soil	Industrial Soil	Residential Air	Industrial Air	Tapwater	MCL	Risk-based SSL	MCL-based SSL				
		(mg/kg-day) ¹	(ug/m ³) ¹	(mg/kg-day)	(mg/m ³) ¹				mg/kg	mg/kg	key	key	key	key	key	ug/L	mg/kg	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				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				3.1E-01	n	1.3E+00	n	1.1E+01				
Phosphoric Acid	7664-38-2					1.0E-02	I			1				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			1.2E+05	nm	1.2E+06	nm	2.1E+01	n	8.8E+01	n	7.3E+04				
Picloram	1918-02-1			7.0E-02	I			1	0.1	4.3E+03	n	4.3E+04	n		2.6E+03	n	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			1.6E-02	c*	5.7E-02	c*	2.8E-04	c	1.4E-03	c	2.2E-03	c			
Polymeric Methylene Diisocyanate (PMDI)	9016-87-9					6.0E-04	I			1				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			1.1E+01	c	4.5E-01	c	2.5E-03				
Profenurin	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					2.8E-01	n	1.2E+00	n	5.7E-01	n			
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			2.1E+03	n	8.8E+03	n	2.6E+04	n			
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I	3.0E-02	I	V		1				6.6E-01	c*	3.3E+00	c*	2.3E-01	c			
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					
Pydin	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				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			1.2E-01	c	6.1E-01	c	9.6E-01	c**			
Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I			V		1	0.14	3.0E+02		6.2E-01	c	4.3E-03	c	6.8E-03	c			
Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I			V		1	0.14	3.0E+02		6.2E-01	c	4.3E-03	c	6.8E-03	c			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
Pentachlorobiphenyl, 2,3,3',4,4',5'- (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			
Pentachlorobiphenyl, 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			
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			
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	C					1	0.1	2.4E-02	c	1.2E-01	c	1.7E-01	c	5.0E-01	c			
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			
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			
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			
Anthracene	120-12-7			3.0E-01	I			V		1	0.13	1.7E+04	n	1.7E+05	nm			1.1E+04	n			
Benzo[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	2.9E-02	c			
Benzo																						

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

Contaminant		Toxicity and Chemical-specific Information													Screening Levels										Protection of Groundwater Soil Screening Levels	
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³) ¹	k _e (y)	RfDo (mg/kg-day)	k _e (y)	RfCI (mg/m ³) ¹	k _e (y)	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								1		4.6E+02												1.5E-02	
Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V	1		4.4E+02												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								1.5E+02	
Quinalphos	13593-03-8					5.0E-04	I				1	0.1		3.1E+01	n	3.1E+02	n								1.8E+01	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	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	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	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	1.0E+02
Savay	78587-05-0					2.5E-02	I				1	0.1		1.5E+03	n	1.5E+04	n								9.1E+02	7.6E+00
Selenious Acid	7783-00-8					5.0E-03	I				1			3.9E+02	n	5.1E+03	n								1.8E+02	1.0E+02
Selenium	7782-49-2					5.0E-03	I				1			3.9E+02	n	5.1E+03	n							1.8E+02	5.0E+01	9.5E-01
Selenourea	630-10-4					5.0E-03	H				1	0.1		3.1E+02	n	3.1E+03	n								1.8E+02	1.8E+02
Sethoxydim	74051-80-2					9.0E-02	I				1	0.1		5.5E+03	n	5.5E+04	n								3.3E+03	1.9E+01
Silver	7440-22-4					5.0E-03	I				0.04			3.9E+02	n	5.1E+03	n								1.8E+02	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	2.8E-04
Sodium Acifluorfen	62476-59-9					1.3E-02	I				1	0.1		7.9E+02	n	8.0E+03	n								4.7E+02	3.1E+00
Sodium Azide	26628-22-8					4.0E-03	I				1			3.1E+02	n	4.1E+03	n								1.5E+02	
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H			3.0E-02	I				1	0.1		1.8E+00	n	6.4E+00	c								2.5E-01	
Sodium Fluoroacetate	62-74-8					2.0E-05	I				1	0.1		1.2E+00	n	1.2E+01	n								7.3E-01	1.5E-04
Sodium Metavanadate	13718-26-8					1.0E-03	H				1			7.8E+01	n	1.0E+03	n								3.7E+01	
Sodium Perchlorate	7601-89-0					7.0E-04	I				1			5.5E+01	n	7.2E+02	n								2.6E+01	
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	2.2E-03
Strontium, Stable	7440-24-6					6.0E-01	I				1			4.7E+04	n	6.1E+05	nm								2.2E+04	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	1.4E-01
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V			1.0E+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	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	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	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	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	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	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	2.0E-03
Terbutyn	886-50-0					1.0E-03	I				1	0.1		6.1E+01	n	6.2E+02	n								3.7E+01	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	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	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	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	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	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	
Thallium (Soluble Salts)	7440-28-0					6.5E-05	S				1			5.1E+00	n	6.6E+01	n								2.4E+00	2.0E+00
Thallium Acetate	563-68-8					9.0E-05	I				1			7.0E+00	n	9.2E+01	n								3.3E+00	1.7E-01
Thallium Carbonate	6533-73-9					8.0E-05	I				1			6.3E+00	n	8.2E+01	n								2.9E+00	1.4

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Screening Levels								Protection of Groundwater Soil Screening Levels				
		SFO	k e	IUR	k e	RfDo	k e	RfCi	k e	v o	muta	RAGS	RAGS	Csat	Residential	Industrial	Residential	Industrial	Tapwater	MCL	Risk-based	MCL-based			
		(mg/kg-day) ¹	y	(ug/m ³) ¹	y	(mg/kg-day)	y	(mg/m ³) ¹	y	c	gen	Part E	Part E	mg/kg	mg/kg	key	ug/m ³	key	ug/m ³	key	ug/L	ug/L	mg/kg	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	1.2E-02	6.0E-01
Tralometrin	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	1.3E+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
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
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
Trichloroethylene	79-01-6	1.3E-02	C	2.0E-06	C				V		1		7.5E+02	2.8E+00	c	8.0E+03	c	1.2E+00	c	6.1E+00	c	1.7E+00	c	5.0E+00	1.7E-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	1.7E-03
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
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	1.2E+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	
Tridipane	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	
Trimethylamine	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				1			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		
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	n	1.7E+00	c	1.6E-01	c	2.8E+00	c	1.6E-02	c	2.0E+00	5.6E-06
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
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	

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

Contaminant		Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
Analyte	CAS No.	SFO (mg/kg-day) ¹	k _e (y ⁻¹)	IUR (ug/m ³ -y)	k _e (y ⁻¹)	RfD (mg/kg-day)	k _e (y ⁻¹)	RFCl (mg/m ³)	k _e (y ⁻¹)	v _o (m ³ /kg-day)	muta-gen	RAGS Part E G1ABS	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)
Biphenrin	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
Captan	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
Carbaryl	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		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		5.9E+04	8.6E+00
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H									1	0.1	1.4E+09			1.4E+00	4.4E+00		1.1E+00				
Chloro-2-methylaniline, 4-	95-69-2	2.7E-01	C	7.7E-05	C							1	0.1	1.4E+09			2.4E+00	7.5E+00	4.3E+04	1.8E+00				
Chloroacetic Acid	79-11-8					2.0E-03	H					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Chloroacetophenone, 2-	532-27-4							3.0E-05	I			1	0.1	1.4E+09							1.6E+02	5.6E+02	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												

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
		SFO (mg/kg-day) ¹	k _e (y ⁻¹)	IUR (ug/m ³ -y)	k _e (mg/kg-day)	RfD (mg/kg-day)	k _e (y ⁻¹)	RfC (mg/m ³)	k _e (y ⁻¹)	VO (y ⁻¹)	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			1.4E+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		1.2E+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		1.4E+09						2.7E+00	8.4E+00		2.0E+00			
DDE, p,p'-	72-55-9	3.4E-01	I								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	1.4E+09	8.8E+03	8.5E+02				7.6E+00	2.4E+01		5.8E+00	1.6E+03	5.6E+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					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							2.8E+03	2.8E+04			6.1E+03	
Dibutyltin Compounds	NA				3.0E-04	P					1	0.1	1.4E+09							7.8E+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					</							

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
		SFO (mg/kg- day) ¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD (mg/kg- day)	k e y	RfC (mg/m ³)	k e y	v o l a t i l e	m u t a g e n	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation
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	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					1.6E+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	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	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			V		1	0.1	1.4E+09							2.3E+02	8.4E+02	1.8E+02	1.8E+02
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7				1.0E-02	I			V		1	0.05	1.4E+09							7.8E+02	5.6E+03	6.9E+02	6.9E+02
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6				8.0E-03	I			V		1	0.1	1.4E+09							6.3E+02	2.2E+03	4.9E+02	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	1.6E+03
Dichloropropanol, 2,3-	616-23-9				3.0E-03	I			V		1	0.1	1.4E+09							2.3E+02	8.4E+02	1.8E+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	V		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		V		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			V		1	0.1	1.4E+09							6.3E+04	2.2E+05	4.9E+04	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			V		1	0.1	1.4E+09							7.8E+01	2.8E+02	6.1E+01	6.1E+01
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C				V		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			V		1	0.1	1.4E+09							6.3E+03	2.2E+04	4.9E+03	4.9E+03
Diflubenzuron	35367-38-5				2.0E-02	I			V		1	0.1	1.4E+09							1.6E+03	5.6E+03	1.2E+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	6.3E+03
Dimethipin	55290-64-7				2.0E-02	I			V		1	0.1	1.4E+09							1.6E+03	5.6E+03	1.2E+03	1.2E+03
Dimethoate	60-51-5				2.0E-04	I			V		1	0.1	1.4E+09							1.6E+01	5.6E+01	1.2E+01	1.2E+01
Dimethoxybenzidine, 3,3'-	119-90-4	1.4E-02	H						V		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			V		1	0.1	1.4E+09				3.8E+02	1.2E+03	2.9E+02	4.7E+03	1.7E+04	3.7E+03	3.7E+03
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H						V		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						V		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	1.6E+02
Dimethylbenzidine, 3,3'-	119-93-7	1.1E+01	P						V		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			V		1	0.1	1.4E+09							1.6E+03	5.6E+03	1.2E+03	1.2E+03
Dimethylphenol, 2,6-	576-26-1				6.0E-04	I			V		1	0.1	1.4E+09							4.7E+01	1.7E+02	3.7E+01	3.7E+01
Dimethylphenol, 3,4-	95-65-8				1.0E-03	I			V		1	0.1	1.4E+09							7.8E+01	2.8E+02	6.1E+01	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	7.8E+03
Dinitro-o-cresol, 4,6-	534-52-1				1.0E-04	P			V		1	0.1	1.4E+09							7.8E+00	2.8E+01	6.1E+00	6.1E+00
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5				2.0E-03	I			V		1	0.1	1.4E+09							1.6E+02	5.6E+02	1.2E+02	1.2E+02
Dinitrobenzene, 1,2-	528-29-0				1.0E-04	P			V		1	0.1	1.4E+09							7.8E+00	2.8E+01	6.1E+00	6.1E+00
Dinitrobenzene, 1,3-	99-65-0				1.0E-04	I			V		1	0.1	1.4E+09							7.8E+00	2.8E+01	6.1E+00	6.1E+00
Dinitrobenzene, 1,4-	100-25-4				1.0E-04	P			V		1	0.1	1.4E+09							7.8E+00	2.8E+01	6.1E+00	6.1E+00
Dinitrophenol, 2,4-	51-28-5				2.0E-03	I			V		1	0.1	1.4E+09							1.6E+02	5.6E+02	1.2E+02	1.2E+02
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I						V		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			V		1	0.102	1.4E+09							1.6E+02	5.5E+02	1.2E+02	1.2E+02
Dinitrotoluene, 2,6-	606-20-2				1.0E-03	P			V		1	0.099	1.4E+09							7.8E+01	2.8E+02	6.1E+01	6.1E+01
Dinitrotoluene, 2-Amino-4,6-	35572-78-2				2.0E-03	S			V		1	0.006	1.4E+09							1.6E+02	9.3E+03	1.5E+02	1.5E+02
Dinitrotoluene, 4-Amino-2,6-	19406-51-0				2.0E-03	S			V		1	0.009	1.4E+09							1.6E+02	6.2E+03	1.5E+02	1.5E+02
Dinoseb	88-85-7				1.0E-03	I			V		1	0.1	1.4E+09							7.8E+01	2.8E+02	6.1E+01	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			V		1	0.1	1.4E+09							2.3E+03	8.4E+03	1.8E+03	1.8E+03
Diphenyl Sulfone	127-63-9				3.0E-03	P			V		1	0.1	1.4E+09							2.3E+02	8.4E+02	1.8E+02	1.8E+02
Diphenylamine	122-39-4				2.5E-02	I			V		1	0.1	1.4E+09							2.0E+03	7.0E+03	1.5E+03	1.5E+03
Diphenylhydrazine, 1,2-																							

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
		SFO	k	IUR	k	RfDo	k	RfCI	k	v	o	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ¹	e	(ug/m ³ -y)	e	(mg/kg-day)	e	(mg/m ³)	e	c	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	
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	
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	V		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	
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	V		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	
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	
Fomesafen	72178-02-0	1.9E-01	I									1	0.1	1.4E+09						3.4E+00	1.1E+01		2.6E+00	7.8E+03	
Fonofos	944-22-9					2.0E-03	I					1	0.1	1.4E+09									1.6E+02	5.6E+02	
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1	1.4E+09							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	
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		
Furmecycloz	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					

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

Contaminant		Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
Analyte	CAS No.	SFO	k	IUR	k	RfD	k	RfCl	k	v	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	e	o	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
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			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
Pyridin	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														

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
		SFO (mg/kg- day) ¹	k e	IUR (ug/m ³ - y) ¹	k e	RfD (mg/kg- day)	k e	RfC (mg/m ³)	k e	v o	muta- gen	RAGS Part E GIABS	RAGS Part E ABS	PEF (m ³ /kg)	VF (m ³ /kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
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		1.4E+09	I					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	1.7E-01	5.3E-01	3.0E+03	1.3E-01				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											
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					
Tralometrin	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				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	

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1									
		SFO	k a e	IUR	k e	RfDo	k e	RFCl	k v	o	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total		
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
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	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	
Allyl	74223-64-6					2.5E-01	I			1	0.1	1.4E+09											2.6E+05	3.9E+05	1.5E+05	
Allyl Alcohol	107-18-6					5.0E-03	I	3.0E-04	P	1	0.1	1.4E+09								5.1E+03	7.7E+03	1.8E+06	3.1E+03	1.8E+06		
Allyl Chloride	107-05-1					1.0E-03	I V			1		1.4E+09	1.8E+03	1.5E+03									7.7E+00	7.7E+00		
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	
Amtriaz	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	
Benzotrithloride	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	
Bidrin	141-66-2					1.0E-04	I			1	0.1	1														

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Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k	IUR	k	RfDo	k	RICl	k	v	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total		
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	o	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Biphenyl, 1,1'-	92-52-4					5.0E-02										1.4E+09	1.4E+05	2.6E+02					5.1E+04		5.1E+04	
Bis(2-chloroethoxy)methane	111-91-1																						3.1E+03	4.6E+03	1.8E+03	
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I											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									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									1.4E+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											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									1.4E+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							1.4E+09							2.0E+05		1.2E+08	2.0E+05
Boron Trifluoride	7637-07-2							7.0E-04	H							1.4E+09								4.2E+06	4.2E+06	
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I									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						1.4E+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									1.4E+09	4.4E+03	9.9E+02	4.6E+01			2.0E+04			2.0E+04	
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I											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						1.4E+09	1.6E+03	3.6E+03				1.4E+03	3.6E+01	3.5E+01		
Bromophos	2104-96-3					5.0E-03	H									1.4E+09						5.1E+03	7.7E+03	3.1E+03		
Bromoxynil	1689-84-5					2.0E-02	I									1.4E+09						2.0E+04	3.1E+04	1.2E+04		
Bromoxynil Octanoate	1689-99-2					2.0E-02	I									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						1.4E+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									1.4E+09						1.0E+05	1.5E+05	6.2E+04		
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I									1.4E+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									1.4E+09						5.1E+04	7.7E+04	3.1E+04		
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I									1.4E+09						1.0E+06	1.5E+06	6.2E+05		
Cacodylic Acid	75-60-5					2.0E-02	A									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									1.4E+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									1.4E+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									1.4E+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									1.4E+09						1.0E+05	1.5E+05	6.2E+04		
Carbofuran	1563-66-2					5.0E-03	I									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						1.4E+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						1.4E+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									1.4E+09						1.0E+04	1.5E+04	6.2E+03		
Carboxin	5234-68-4					1.0E-01	I									1.4E+09						1.0E+05	1.5E+05	6.2E+04		
Chloral Hydrate	302-17-0					1.0E-01	I									1.4E+09						1.0E+05	1.5E+05	6.2E+04		
Chloramben	133-90-4					1.5E-02	I									1.4E+09						1.5E+04	2.3E+04	9.2E+03		
Chloranil	118-75-2	4.0E-01	H													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							1.4E+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											1.4E+09			1.8E-01	2.7E-01	3.6E+03	1.1E-01				
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I									1.4E+09						2.0E+04	3.1E+04		1.2E+04	
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A							1.4E+09						1.0E+05		8.6E+05	9.1E+04	
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I							1.4E+09						3.1E+04		1.2E+06	3.0E+04	
Chlorite (Sodium Salt)	7758-19-2					3.0E-02	I									1.4E+09						3.1E+04			3.1E+04	
Chloro-1,1-difluoroethane, 1-	75-68-3							5.0E+01	I	V						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						1.4E+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													1.4E+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											1.4E+09			1.1E+01	1.6E+01	2.2E+05	6.4E+00				
Chloroacetic Acid	79-11-8					2.0E-03	H									1.4E+09						2.0E+03	3.1E+03		1.2E+03	
Chloroacetophenone, 2-	532-27-4							3.0E-05	I							1.4E+09								1.8E+05	1.8E+05	
Chloroaniline, p-	106-47-8	5.4E-02	P			4.0E-03	I									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						1.4E+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									1.4E+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						1.4E+09	7.9E+03	5.5E+02				3.1E+03		1.0E+04	2.4E+03	
Chlorobutane, 1-	109-69-3					4.0E-02	P									1.4E+09	2.0E+03	7.9E+02				4.1E+04			4.1E+04	
Chlorodifluoromethane	75-45-6							5.0E+01	I	V						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						1.4E+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																					

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
		SFO	k _a	IUR	k _e	RfDo	k _e	RICl	k _v	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	(y)	(ug/m ³ -y)	(y)	(mg/kg-day)	(y)	(mg/m ³)	(y)	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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					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					3.0E-04	P	6.0E-06	P			1.4E+09					1.9E+03	1.9E+03	3.1E+02		3.6E+04	3.0E+02	
Copper	7440-50-8					4.0E-02	H			1		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	1.0E+05	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		
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									

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
		SFO	k	IUR	k	RfDo	k	RICI	k	v	o	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	y	(ug/m ³ -y)	y	(mg/kg-day)	y	(mg/m ³)	y	c	g	g	gen	Part E GIABS	Part E ABS	(m ³ /kg)	(m ³ /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
Dichlorophenoxybutyric 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
Dichloropropane, 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
Dichlorovos	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				
Difenzquat	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				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</																								

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
		SFO	k _a	IUR	k _e	RfDo	k _e	RICl	k _v	to	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	(y)	(ug/m ³) ⁻¹	(y)	(mg/kg-day)	(y)	(mg/m ³)	(y)	(y)	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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-Endosulfan	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	
Endothall	115-29-7					6.0E-03	I				1	0.1	1.4E+09							6.1E+03	9.3E+03		3.7E+03	
Endrin	145-73-3					2.0E-02	I				1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04	
Epichlorohydrin	72-20-8					3.0E-04	I				1	0.1	1.4E+09							3.1E+02	4.6E+02		1.8E+02	
Epoxybutane, 1,2-	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	
EPTC	106-88-7					2.0E-02	I	2.0E-02	I	V	1		1.4E+09	7.4E+03	1.2E+04					6.1E+03		6.4E+02	6.4E+02	
Ethephon	759-94-4					2.5E-02	I			V	1		1.4E+09	1.6E+05	6.2E+02					2.6E+04			2.6E+04	
Ethion	16672-87-0					5.0E-03	I				1	0.1	1.4E+09							5.1E+03	7.7E+03		3.1E+03	
Ethoxyethanol Acetate, 2-	563-12-2					5.0E-04	I				1	0.1	1.4E+09							5.1E+02	7.7E+02		3.1E+02	
Ethoxyethanol, 2-	111-15-9					3.0E-01	H				1	0.1	1.4E+09							3.1E+05	4.6E+05		1.8E+05	
Ethyl Acetate	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 Acrylate	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 Chloride	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 Ether	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 Methacrylate	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-p-nitrophenyl Phosphonate	97-63-2					9.0E-02	H			V	1		1.4E+09	6.4E+03	1.2E+03					9.2E+04			9.2E+04	
Ethylbenzene	2104-64-5	1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	1	0.1	1.4E+09			2.6E+02		3.2E+01	2.9E+01	1.0E+05	1.5E+01		6.2E+00	
Ethylene Cyanohydrin	100-41-4					1.0E-01	I	1.0E+00	I	V	1		1.4E+09	6.5E+03	5.5E+02	2.6E+02				1.0E+05		2.9E+04	2.2E+04	
Ethylene Diamine	109-78-4					3.0E-02	P				1	0.1	1.4E+09							3.1E+04	4.6E+04		1.8E+04	
Ethylene Glycol	107-15-3					9.0E-02	P				1	0.1	1.4E+09							9.2E+04	1.4E+05		5.5E+04	
Ethylene Glycol Monobutyl Ether	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 Oxide	111-76-2	3.1E-01	C	8.8E-05	C	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 Thiourea	75-21-8	4.5E-02	C	1.3E-05	C	8.0E-05	I			V	1		1.4E+09	6.3E+03	1.1E+05	9.2E+00		8.7E-01	8.0E-01	8.2E+01	1.2E+02		4.9E+01	
Ethylphthalyl Ethyl Glycolate	96-45-7					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	
Express	84-72-0					3.0E+00	I				1	0.1	1.4E+09							3.1E+06	4.6E+06		1.8E+06	
Fenamiphos	101200-48-0					8.0E-03	I				1	0.1	1.4E+09							8.2E+03	1.2E+04		4.9E+03	
Fenpropathrin	22224-92-6					2.5E-04	I				1	0.1	1.4E+09							2.6E+02	3.9E+02		1.5E+02	
Fluometuron	39515-41-8					2.5E-02	I				1	0.1	1.4E+09							2.6E+04	3.9E+04		1.5E+04	
Fluorine (Soluble Fluoride)	2164-17-2					1.3E-02	I				1	0.1	1.4E+09							1.3E+04	2.0E+04		8.0E+03	
Fluridone	7782-41-4					6.0E-02	I				1		1.4E+09							6.1E+04			6.1E+04	
Flurprimidol	59756-60-4					8.0E-02	I				1	0.1	1.4E+09							8.2E+04	1.2E+05		4.9E+04	
Flutolanil	56425-91-3					2.0E-02	I				1	0.1	1.4E+09							2.0E+04	3.1E+04		1.2E+04	
Fluvalinate	66332-96-5					6.0E-02	I				1	0.1	1.4E+09							6.1E+04	9.3E+04		3.7E+04	
Folpet	69409-94-5					1.0E-02	I				1	0.1	1.4E+09							1.0E+04	1.5E+04		6.2E+03	
Fomesafen	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	
Fonofos	72178-02-0	1.9E-01	I			1.0E-01	I				1	0.1	1.4E+09			1.5E+01	2.3E+01		9.1E+00	1.0E+05			1.0E+03	
Formaldehyde	944-22-9					2.0E-03	I				1	0.1	1.4E+09							2.0E+03	3.1E+03		1.2E+03	
Formic Acid	50-00-0					1.3E-05	I	2.0E-01	I	9.8E-03	A		1.4E+09					1.3E+06	1.3E+06	2.0E+05	3.1E+05	5.8E+07	1.2E+05	
Fosetyl-AL	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	
Furazolidone	39148-24-8					3.0E+00	I				1	0.1	1.4E+09							3.1E+06	4.6E+06		1.8E+06	
Furfural	67-45-8	3.8E+00	H								1	0.1	1.4E+09			7.5E-01	1.1E+00		4.5E-01					
Furium	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	
Furmecyclox	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					
Furans	60568-05-0	3.0E-02	I								1	0.1	1.4E+09			9.5E+01	1.4E+02		5.7E+01					
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					
Glyphosate	77182-82-2					4.0E-04	I				1	0.1	1.4E+09							4.1E+02	6.2E+02		2.5E+02	
Goal	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	
Haloxypop, Methyl	1071-83-6					1.0E-01	I				1	0.1	1.4E+09							1.0E+05	1.5E+05		6.2E+04	
Harmony	42874-03-3					3.0E-03	I				1	0.1	1.4E+09							3.1E+03	4.6E+03		1.8E+03	
Heptachlor	69806-40-2					5.0E-05	I</																	

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
		SFO	k e	IUR	k e	RfDo	k e	RICl	k v	k v	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	muta-	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	4.8E-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	1.5E+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				1		1.4E+09	1.7E+04	1.7E+04			2.4E+01	2.4E+01				
Nitropropane, 2-	79-46-9					2.7E-03	H				1		1.4E+09	1.3E+04	4.3E+03			6.0E-02	6.0E-02		1.5E+03	1.5E+03	
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I						1		1.4E+09	2.8E+05	1.3E+04	5.3E-01		2.2E+00	4.3E-01				
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I								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						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						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				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				1		1.4E+09	1.4E+05	1.3E+03	1.3E+01		1.3E+01	2.0E+02		9.2E+02	9.2E+02	
Nitrotoluene, p-	99-09-0	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+										

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
		SFO	k _a	IUR	k _e	RfDo	k _e	RICl	k _v	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	(y)	(ug/m ³ -y)	(y)	(mg/kg-day)	(y)	(mg/m ³)	(y)	(y)	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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',5,5'- (BDE-99)	60348-60-9					1.0E-04	I			1	0.1	1.4E+09							1.0E+02			1.0E+02	
Pentachlorobenzene	608-93-5					8.0E-04	I			1	0.1	1.4E+09							8.2E+02	1.2E+03		4.9E+02	
Pentachloroethane	76-01-7	9.0E-02	P							1	0.1	1.4E+09				3.2E+01	4.8E+01	1.9E+01					
Pentachloronitrobenzene	82-68-8	2.8E-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	0.1	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	0.1	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	0.1	1.4E+09							3.1E+02		1.8E+06	3.1E+02	
Phosphoric Acid	7664-38-2							1.0E-02	I	1	0.1	1.4E+09									6.0E+07	6.0E+07	
Phosphorus, White	7723-14-0					2.0E-05	I			1	0.1	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	
Polychlorinated 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	0.1	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	0.1	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	0.1	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	0.1	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	11141-18-5	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																		

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
		SFO	k	IUR	k	RfDo	k	RICl	k	V	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	c	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			V	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	0.13	1.4E+09	6.9E+04	4.6E+02	9.9E+01								
Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V	1	0.13	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	
Savay	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						1.4E+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	
Sythane	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																	

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

Contaminant	CAS No.	Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
		SFO	k _a	IUR	k _e	RfDo	k _e	RICl	k _v	to	muta-	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total	
		(mg/kg-day) ⁻¹	(ug/m ³) ⁻¹	(mg/kg-day)	(y)	(mg/m ³)	(y)	(mg/m ³)	(y)	(y)	gen	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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						
Tralometrin	66841-25-6					7.5E-03	I				1	0.1	1.4E+09							7.7E+03	1.2E+04			4.6E+03	
Triallate	2303-17-5					1.3E-02	I				1	0.1	1.4E+09							1.3E+04	2.0E+04			8.0E+03	
Triasulfuron	82097-50-5					1.0E-02	I				1	0.1	1.4E+09							1.0E+04	1.5E+04			6.2E+03	
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I				1	0.1	1.4E+09							5.1E+03	7.7E+03			3.1E+03	
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P				1	0.1	1.4E+09			3.1E+02	4.7E+02		1.9E+02						
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						
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				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						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				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				1		1.4E+09	1.8E+04	1.6E+03	4.1E-01			4.1E-01					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	
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																			

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Contaminant		Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1						
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCj	k	V	RAGS	RAGS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	c	muta-	Part E	Part E	(m ³ /kg)	(m ³ /kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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							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		5.8E-01	5.8E-01	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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	
Allyl	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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				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								
Biphenrin	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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				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				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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								
Dichlorophenoxybutyric 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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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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Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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								
Haloxypop, 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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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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Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				ug/m ³	ug/m ³
MCCP	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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 Sub sulfide	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								
Octamethylpyrophosphoramidate	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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					V			
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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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	
Tralomehrin	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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	
Allyl	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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Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation	
		(ug/m ³) ⁻¹		(mg/m ³)				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				
Benzydine	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									
Biphenrin	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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				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				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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								
Dichlorophenoxybutyric 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	
Difenoquat	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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								
Haloxypop, 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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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								
Octamethylpyrophosphoramidate	152-16-9								
Oryzalin	19044-88-3								
Oxadiazon	19666-30-9								
Oxamyl	23135-22-0								
Paclbutrazol	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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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Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				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	
Tralothrin	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
Analyte	CAS No.	IUR	key	RfCi	key	voc	mutagen	Inhalation	Inhalation
		(ug/m ³) ⁻¹		(mg/m ³)				ug/m ³	ug/m ³
Vincozolin	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	CAS No.	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	
		SFO (mg/kg-day) ⁻¹	k	IUR (ug/m ³ -y) ⁻¹	k	RfDo (mg/kg-day)	k	RfCi (mg/m ³)	k	v	o	mutagen	Ingestion ug/L	Inhalation ug/L	Total ug/L	Ingestion ug/L	Inhalation ug/L		Total 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			
Allyl	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	CAS No.	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO (mg/kg-day) ⁻¹	k e	IUR (ug/m ³) ⁻¹	k e	RfDo (mg/kg-day)	k e	RfCi (mg/m ³) ⁻¹	k e	v o	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	
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		
Benzydine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I				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								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			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		
Biphenrin	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						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				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			7.3E+02		7.3E+02	6.0E+00	
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I						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				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
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	ke	v	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	y	o		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
Chlorimuron, Ethyl-Chlorine	90982-32-4					2.0E-02	I								7.3E+02		7.3E+02	
Chlorine Dioxide	7782-50-5					1.0E-01	I	1.5E-04	A						3.7E+03		3.7E+03	
Chlorite (Sodium Salt)	10049-04-4					3.0E-02	I	2.0E-04	I						1.1E+03		1.1E+03	
Chloro-1,1-difluoroethane, 1-Chloro-1,3-butadiene, 2-Chloro-2-methylaniline HCl, 4-Chloro-2-methylaniline, 4-Chloroacetic Acid	7758-19-2					3.0E-02	I								1.1E+03		1.1E+03	
Chloro-1,1,1-trifluoroethane, 1,1,1-trichloro-2,2,2-trifluoroethane, 1,1,1-trichloro-2,2,2-trifluoroethane, 1,1,1-trichloro-2,2,2-trifluoroethane, 1,1,1-trichloro-2,2,2-trifluoroethane, 1,1,1-trichloro-2,2,2-trifluoroethane	75-68-3							5.0E+01	I	V						1.0E+05	1.0E+05	
Chloro-1,3-butadiene, 2-Chloro-2-methylaniline HCl, 4-Chloro-2-methylaniline, 4-Chloroacetic Acid	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-Chloro-2-methylaniline, 4-Chloroacetic Acid	3165-93-3	4.6E-01	H									1.5E-01		1.5E-01				
Chloro-2-methylaniline, 4-Chloroacetic Acid	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-Chloroaniline, p-Chlorobenzene	532-27-4							3.0E-05	I									
Chloroaniline, p-Chlorobenzene	106-47-8	5.4E-02	P			4.0E-03	I					1.2E+00		1.2E+00	1.5E+02		1.5E+02	
Chlorobenzilate	108-90-7					2.0E-02	I	5.0E-02	P	V					7.3E+02	1.0E+02	9.1E+01	1.0E+02
Chlorobenzotrifluoride, 4-Chlorobutane, 1-Chlorodifluoromethane	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-Chlorobutane, 1-Chlorodifluoromethane	98-56-6					3.0E-03	P	3.0E-01	P	V					1.1E+02	6.3E+02	9.3E+01	
Chlorobenzotrifluoride, 4-Chlorobutane, 1-Chlorodifluoromethane	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-Chloronitrobenzene, o-Chloronitrobenzene, p-Chlorophenol, 2-Chloroethanol, 2-Chloroethanol	91-58-7					8.0E-02	I			V					2.9E+03		2.9E+03	
Chloronitrobenzene, o-Chloronitrobenzene, p-Chlorophenol, 2-Chloroethanol, 2-Chloroethanol	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-Chlorophenol, 2-Chloroethanol, 2-Chloroethanol	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-Chloroethanol, 2-Chloroethanol	95-57-8					5.0E-03	I			V					1.8E+02		1.8E+02	
Chloroethanol, 2-Chloroethanol	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-Chlorotoluene, p-Chloroprotham	95-49-8					2.0E-02	I			V					7.3E+02		7.3E+02	
Chlorotoluene, p-Chloroprotham	106-43-4					7.0E-02	P			V					2.6E+03		2.6E+03	
Chlorpyrifos	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-Cresol, o-Cresol, p-Cresol	108-39-4					5.0E-02	I								1.8E+03		1.8E+03	
Cresol, o-Cresol, p-Cresol	95-48-7					5.0E-02	I								1.8E+03		1.8E+03	
Cresol, p-Cresol	106-44-5					5.0E-03	H								1.8E+02		1.8E+02	
Crotonaldehyde, trans-Cumene	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-Cyclohexanone	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
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	v	o	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	ke	o		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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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	ke	v	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	y	c		o	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				
Difenzquat	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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Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	v	o	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	ke	y		c	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L
HpCDD, 2,3,7,8-OCDD	37871-00-4	1.3E+03	W	3.8E-01	W							5.2E-05		5.2E-05					
PeCDD, 2,3,7,8-	3268-87-9	3.9E+01	W	1.1E-02	W							1.7E-03		1.7E-03					
	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		
Epoxycbutane, 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		
Fenprothrin	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
Analyte	CAS No.	SFO	IUR		RfDo	RfCi		v		mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	
		(mg/kg-day) ⁻¹	ke	(ug/m ³) ⁻¹	ke	(mg/kg-day)	ke	(mg/m ³)	ke		o	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		
Haloxypol, 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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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	v	o	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	c		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	
Mepfosfolan	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					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				
Methylenebisbenzamine, 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	CAS No.	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO (mg/kg-day) ⁻¹	k e (ug/m ³) ⁻¹	IUR k e (ug/m ³) ⁻¹	k e (mg/kg-day)	RfDo k e (mg/m ³)	RfCi k e (mg/m ³)	v o c mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total				
															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 Subulfide	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					
Octamethylpyrophosphoramidate	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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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL	
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	v	o	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L	
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	ke	o		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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Contaminant		Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	ke	v	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L
		(mg/kg-day) ⁻¹	e	(ug/m ³) ⁻¹	e	(mg/kg-day)	e	(mg/m ³)	y	c		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									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	CAS No.	Toxicity and Chemical-specific Information										Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			MCL
		SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfDo (mg/kg-day)	k e y	RfCi (mg/m ³)	k e y	v o c mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total		
																	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'-Systhane	80-07-9 88671-89-0					5.0E-03	P						1.8E+02		1.8E+02			
TCMTB	21564-17-0					2.5E-02	I						9.1E+02		9.1E+02			
Tebuthiuron	34014-18-1					3.0E-02	H						1.1E+03		1.1E+03			
Temephos	3383-96-8					7.0E-02	I						2.6E+03		2.6E+03			
Terbacil	5902-51-2					2.0E-02	H						7.3E+02		7.3E+02			
Terbufos	13071-79-9					1.3E-02	I						4.7E+02		4.7E+02			
Terbutryn	886-50-0					2.5E-05	H						9.1E-01		9.1E-01			
Tetrachlorobenzene, 1,2,4,5-	95-94-3					1.0E-03	I						3.7E+01		3.7E+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, 1,1,1,2,2-	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-	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		
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, 1,1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	4.0E-03	I					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							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
Analyte	CAS No.	SFO	k	IUR	k	RfDo	k	RfCi	ke	v	mutagen	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	ug/L
		(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³)	y	c		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	
Vinoclozolin	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 ₀	D ₀ Ref	D ₁₀	D ₁₀ Ref	K _{ow}	K _{ow} 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 (PKCOWIN)	793	Horvath (1982)
Carbosulfan	55285-14-8	380.55	EPI	2.10E-05	not listed	1.056	CRC 87th edition					15020	EPI (PKCOWIN)	0.3	Tomlin (1994)
Carbon	5234-68-4	235.3	EPI	1.10E-08	not listed	1.9081	CRC 87th edition	5.40E-02	USEPA 2001	1.00E-05	USEPA 2001	79.96	EPI (PKCOWIN)	193	Tomlin (1994)
Chloral hydrate	302-17-4	165.4	EPI	4.50E-09	EPI (HenryWin)								EPI (PKCOWIN)	383000	Yakovskiy and Dannenfels (1992)
Chloramben	133-90-4	206.03	EPI	1.60E-09	not listed							10.72	EPI (PKCOWIN)	700	Marin and Worthing (1977)
Chloranil	118-75-2	245.88	EPI	1.30E-08	EPI (HenryWin)							10.8	EPI (PKCOWIN)	250	Yakovskiy and Dannenfels (1992)
Chlordane	12789-03-6	409.78	EPI	2.00E-03	Warner et al. (1987)	1.6	CRC 87th edition					86650	EPI (PKCOWIN)	0.056	Sanborn et al. (1978)
Chlordecone (Kepone)	143-80-7	490.64	EPI	2.20E-06	not listed	1.61	CRC 87th edition					17520	EPI (PKCOWIN)	2.7	Klizer et al. (1979)
Chloromorn, Ethyl-	90982-32-4	414.82	EPI	7.40E-11	not listed							1200	EPI (PKCOWIN)	1200	Tomlin (1997)
Chlorine	7782-50-5	70.91	EPI	4.80E-01	HLC from PHYPROP converted to H'							8300	EPI (PKCOWIN)	8300	PHYSPROP
Chlorine Dioxide	10049-04-4	67.45	EPI									112000	EPI (PKCOWIN)	112000	Lange's (15th Ed.), measured at 10 degrees Celsius.
Chlorite (Sodium Salt)	7758-19-2	90.44	EPI									840000	EPI (PKCOWIN)	840000	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	9.00E-02	USEPA 2001	1.00E-05	USEPA 2001	49.64	EPI (PKCOWIN)	1400	Chang and Criddle (1995)
Chloro-1,3-butadiene, 2-	128-99-8	98.54	EPI	2.30E+00	not listed	0.956	CRC 87th edition	8.40E-02	USEPA 2001	1.00E-05	USEPA 2001	67.7	EPI (PKCOWIN)	874.9	EPI (WSKOWIN)
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 (PKCOWIN)	953.9	EPI (WSKOWIN)
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 (PKCOWIN)	953.9	EPI (WSKOWIN)
Chloroacetic Acid	79-11-8	94.5	EPI	3.90E-07	not listed	1.4043	CRC 87th edition					1.201	EPI (PKCOWIN)	858000	Seidel (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 (PKCOWIN)	1635	EPI (WSKOWIN)
Chloroamine, p-	106-47-6	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 (PKCOWIN)	3900	Klizer 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 (PKCOWIN)	498	Horvath (1982)
Chlorobenzilate	510-15-6	325.19	EPI	3.00E-06	not listed	1.2816	CRC 87th edition					1263	EPI (PKCOWIN)	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 (PKCOWIN)	46.06	EPI (WSKOWIN)
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 (PKCOWIN)	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 (PKCOWIN)	8770	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 (PKCOWIN)	7550	Horvath (1982)
Chloromethane	74-87-3	50.49	EPI	3.60E-01	Gossett (1987)	0.911	CRC 87th edition	0.11	USEPA 2001	1.4E-05	USEPA 2001	14.3	EPI (PKCOWIN)	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 (PKCOWIN)	11.7	MacKay and Shiu (1981)
Chlorotrobenzene, 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 (PKCOWIN)	441	Yakovskiy and Dannenfels (1992)
Chlorotrobenzene, p-	100-00-5	157.56	EPI	2.00E-04	Altschuh et al. (1999)	1.2579	CRC 87th edition	0.05	USEPA 2001	8.5E-06	USEPA 2001	309	EPI (PKCOWIN)	225	Yakovskiy and Dannenfels (1992)
Chloroethanol, 2-	95-57-9	119.38	EPI	4.60E-04	Abraham et al. (1994)	1.2634	CRC 87th edition	0.066	USEPA 2001	9.5E-06	USEPA 2001	443	EPI (PKCOWIN)	2950	Banerjee et al. (1980)
Chloroethanol	1897-45-6	265.91	EPI	8.20E-05	Kawamoto and Urano (1989)	1.2797	CRC 87th edition					2392	EPI (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	106	Yakovskiy and Dannenfels (1992)
Chlorpropam	101-21-3	213.67	EPI	0.00000098	not listed	1.18	CRC 87th edition					207.9	EPI (PKCOWIN)	89	Wauchope et al. (1992)
Chlorpyrifos	2321-88-2	350.59	EPI	0.00012	Rice and Chernyak (1995)							6829	EPI (PKCOWIN)	11.2	
Chlorpyrifos Methyl	5598-13-0	323.53	EPI	1.50E-04	not listed							2008	EPI (PKCOWIN)	4.76	Chou et al. (1977)
Chlorosulfuron	64902-72-3	357.77	EPI	1.60E-13	not listed							239.2	EPI (PKCOWIN)	28000	Beyer et al. (1988)
Chlorthiophos	60238-56-4	361.24	EPI	4.90E-05	EPI (HenryWin)							13200	EPI (PKCOWIN)	0.05864	EPI (WSKOWIN)
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 (PKCOWIN)	1790	May et al. (1983)
Copper	7440-50-8	63.55	EPI											0	Lange's (15th Ed.), considered insoluble
Cresol, m-	108-32-4	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 (PKCOWIN)	22700	Yakovskiy and Dannenfels (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 (PKCOWIN)	25900	Yakovskiy and Dannenfels (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 (PKCOWIN)	21500	Yakovskiy and Dannenfels (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 (PKCOWIN)	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 (PKCOWIN)	81.3	Sanemasa et al. (1982)
Cyanazine	21725-46-2	240.7	EPI	1.20E-10	USDA Pest. Prop. Database							476000	EPI (PKCOWIN)	170	Wauchope et al. (1991a)
Cyclohexane	110-82-7	84.16	EPI	6.1	Bocok (1976)	0.7739	CRC 87th edition	0.08	USEPA 2001	9.1E-06	USEPA 2001	165.5	EPI (PKCOWIN)	85	McAuliffe (1966)
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	513.09	EPI	4.4E-10	EPI (HenryWin)							3380	EPI (PKCOWIN)	0.05496	EPI (WSKOWIN)
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 (PKCOWIN)	25000	Yakovskiy and Dannenfels (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 (PKCOWIN)	1000000	Merck Index (1996)
Cyhalothrin/karate	68085-85-8	449.86	EPI	6.10E-05	not listed							476000	EPI (PKCOWIN)	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 (PKCOWIN)	0.004	Wauchope et al. (1991a)
Cyromazine	66215-27-8	166.19	EPI	2.30E-12	not listed							21.04	EPI (PKCOWIN)	13000	Tomlin (1997)
Cyanides															
Calcium Cyanide	592-01-8	92.11	EPI											0	CRC 85th edition, considered insoluble
Copper Cyanide	544-92-3	89.56	EPI											0	
Cyanide (CN ⁻)	57-12-5	27.03	EPI											0	
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	81.47	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			80000	
Hydrogen Cyanide	74-90-9	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											890000	CRC 85th edition, measured at 20 degrees Celsius.
Potassium Silver Cyanide	506-61-6	199	EPI											25000	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											882000	CRC 85th edition, measured at 20 degrees Celsius.
Thioyanate	463-56-9	59.09	EPI	6.00E-03	EPI (HenryWin)			1.30E-01	USEPA 1987	1.50E-05	USEPA 1987	4.5	EPI (PKCOWIN)	43610	EPI (WSKOWIN)
Zinc Cyanide	557-11-1	117.43													

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D ₂₀	D ₂₀ Ref	D ₂₀	D ₂₀ Ref	K _{ow}	K _{ow} Ref	S (mg/L)	S Ref
Dichlorobenzidine, 3,3'-	91-94-1	253.13	EPI	2.10E-09	EPI (Henry/Win)							7489	EPI (PKCOWIN)	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 (PKCOWIN)	2800	
Dichloroethane, 1,1-	75-34-3	98.96	EPI	2.30E-01	Gossett (1987)	1.2574	CRC 87th edition	0.086	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PKCOWIN)	5240	
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 (PKCOWIN)	2100	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 (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	3500	
Dichlorophenol, 2,4-	120-83-2	163	EPI	9.00E-05	not listed			0.064	USEPA 1987	7.4E-06	USEPA 1987	171.6	EPI (PKCOWIN)	4500	
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	221.04	EPI	1.40E-06	not listed							29.41	EPI (PKCOWIN)	677	
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	249.1	EPI	2.40E-07	EPI (Henry/Win)							100.1	EPI (PKCOWIN)	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 (PKCOWIN)	2900	
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 (PKCOWIN)	2750	
Dichloropropene, 1,2-	616-23-9	128.99	EPI	1.50E-07	EPI (Henry/Win)	1.3607	CRC 87th edition					3.567	EPI (PKCOWIN)	6420	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 (PKCOWIN)	2800	
Dichlorvos	62-73-7	220.98	EPI	2.30E-05	not listed	1.415	CRC 87th edition					40.2	EPI (PKCOWIN)	8000	
Dicyclopentadiene	77-73-6	132.21	EPI	2.60E+00	EPI (Henry/Win)			0.073	USEPA 1987	6.6E-06	USEPA 1987	1800	EPI (PKCOWIN)	51.88	
Dieldrin	60-57-1	380.91	EPI	4.10E-04	Altschuh et al. (1999)	1.75	CRC 87th edition					10600	EPI (PKCOWIN)	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 (PKCOWIN)	1080	Howard et al. (1985)
Diethylene Glycol Monoethyl Ether	112-34-5	162.23	EPI	1.80E-09	EPI (Henry/Win)	0.9553	CRC 87th edition					10	EPI (PKCOWIN)	1000000	Dow Chem. Co. (1981)
Diethylene Glycol Monoethyl Ether	111-90-0	134.18	EPI	9.10E-10	EPI (Henry/Win)	0.9885	CRC 87th edition					1	EPI (PKCOWIN)	1000000	Riddick et al. (1986)
Diethylformamide	617-84-5	101.15	EPI	5.30E-06	EPI (Henry/Win)	0.908	CRC 87th edition					9.001	EPI (PKCOWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Diethylstilbestrol	56-53-1	268.36	EPI	2.40E-10	EPI (Henry/Win)							369200	EPI (PKCOWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Diflufenquat	45222-48-6	360.43	EPI	not listed	not listed							117700	EPI (PKCOWIN)	1492	Tomlin (1994)
Diflubenzuron	35367-38-5	310.69	EPI	0.00000019	not listed							1059	EPI (PKCOWIN)	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 (PKCOWIN)	3200	Horvath (1982)
Disopropyl Ether	108-20-3	102.18	EPI	not listed	not listed	0.7192	CRC 87th edition	6.50E-02	USEPA 2001	7.80E-06	USEPA 2001	10.5	EPI (PKCOWIN)	8800	Heilmann 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 (PKCOWIN)	1500	Rosenblatt et al. (1975)
Dimethoxy	55290-64-7	210.22	EPI	not listed	not listed							27.41	EPI (PKCOWIN)	10	
Dimethoate	60-51-5	229.25	EPI	4.30E-09	not listed	1.277	CRC 87th edition					24.52	EPI (PKCOWIN)	25000	Martin and Worthing (1977)
Dimethoxybenzidine, 3,3'-	119-90-4	244.3	EPI	1.90E-09	EPI (Henry/Win)							1447	EPI (PKCOWIN)	60	Yalkowsky and Dannenfelser (1992)
Dimethyl methylphosphonate	756-79-6	124.08	EPI	5.10E-05	EPI (Henry/Win)	1.1684	CRC 87th edition	6.70E-02	USEPA 2001	9.20E-06	USEPA 2001	3.848	EPI (PKCOWIN)	1000000	Bennett et al. (1984)
Dimethylamine HCl, 2,4-	21436-96-4	121.18	EPI	1.00E-04	EPI (Henry/Win)			7.80E-02	USEPA 1987	9.10E-06	USEPA 1987	119.9	EPI (PKCOWIN)	8652	EPI (WSKOWWIN)
Dimethylamine, 2,4-	95-68-1	121.18	EPI	1.00E-04	EPI (Henry/Win)	0.9723	CRC 87th edition	6.30E-02	USEPA 2001	8.40E-06	USEPA 2001	119.9	EPI (PKCOWIN)	8652	Tomlin (1994)
Dimethylamine, N,N-	121-69-7	121.18	EPI	2.30E-03	not listed	0.9527	CRC 87th edition	0.063	USEPA 2001	8.3E-06	USEPA 2001	77.08	EPI (PKCOWIN)	1450	Huysters et al. (1975)
Dimethylbenzidine, 3,3'-	119-93-7	212.3	EPI	3.30E-09	EPI (Henry/Win)							7489	EPI (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	7870	Banerjee et al. (1980)
Dimethylphenol, 2,6-	576-28-1	122.17	EPI	2.70E-04	Hawthorne et al. (1985)	0.977	CRC 87th edition					732.5	EPI (PKCOWIN)	8260	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 (PKCOWIN)	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 (PKCOWIN)	19	Bemis et al. (1982)
Dinitro-o-cresol, 4-	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 (PKCOWIN)	198	Schwarzenbach et al. (1988)
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	266.26	EPI	1.40E-09	EPI (Henry/Win)							14030	EPI (PKCOWIN)	15	Yalkowsky and Dannenfelser (1992)
Dinitrobenzene, 1,2-	523-29-0	168.11	EPI	1.50E-05	EPI (Henry/Win)	1.3119	CRC 87th edition	0.045	USEPA 2001	8.3E-06	USEPA 2001	224.6	EPI (PKCOWIN)	500	Delin (1917)
Dinitrobenzene, 1,3-	90-45-0	168.11	EPI	2.00E-06	Altschuh et al. (1999)	1.5751	CRC 87th edition					220.1	EPI (PKCOWIN)	53	Spangord et al. (1980)
Dinitrobenzene, 1,4-	100-25-4	168.11	EPI	1.50E-05	EPI (Henry/Win)	1.625	CRC 87th edition	4.90E-02	USEPA 2001	9.40E-06	USEPA 2001	220.1	EPI (PKCOWIN)	69	Yalkowsky and Dannenfelser (1992)
Dinitrophenol, 2,4-	51-28-5	184.11	EPI	0.0000035	Triemp et al. (1993)	1.683	CRC 87th edition					363.8	EPI (PKCOWIN)	2790	Schwarzenbach et al. (1988)
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	182.14	EPI	0.000016	EPI (Henry/Win)			0.059	USEPA 1987	6.9E-06	USEPA 1987	371.4	EPI (PKCOWIN)	270	Seidel (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 (PKCOWIN)	270	Riddick et al. (1990)
Dinitrotoluene, 2,6-	608-20-2	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 (PKCOWIN)	270	Seidel (1941)
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	197.15	EPI	6.60E-09	EPI (Henry/Win)							100.5	EPI (PKCOWIN)	1223	EPI (WSKOWWIN)
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	197.15	EPI	6.60E-09	EPI (Henry/Win)							100.5	EPI (PKCOWIN)	1223	EPI (WSKOWWIN)
Dinitrosec-butylamine	88-85-7	240.22	EPI	not listed	not listed	1.265	CRC 87th edition					3544	EPI (PKCOWIN)	52	WSSA (1983)
Dioxane, 1,4-	123-91-1	86.11	EPI	2.00E-04	Park et al. (1987)	1.0337	CRC 87th edition	0.087	USEPA 2001	1.1E-05	USEPA 2001	1000000	EPI (PKCOWIN)	1000000	Riddick et al. (1986)
Diphenamide	9574-51-7	239.32	EPI	not listed	not listed	1.17	CRC 87th edition					15450	EPI (PKCOWIN)	260	Tomlin (1994)
Diphenyl Sulfone	127-63-9	218.27	EPI	0.00001	EPI (Henry/Win)	1.252	CRC 87th edition					2903	EPI (PKCOWIN)	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 (PKCOWIN)	53	Yalkowsky and Dannenfelser (1992)
Diphenylhydrazine, 1,2-	122-66-7	184.24	EPI	0.00000018	EPI (Henry/Win)	1.158	CRC 87th edition					3481	EPI (PKCOWIN)	221	Kuhne et al. (1995)
Diquat	85-00-7	344.05	EPI	5.8E-12	not listed	1.24	CRC 87th edition					1933	EPI (PKCOWIN)	708000	Shiu et al. (1990)
Direct Black 38	1937-37-7	737.77	EPI	3.4E-38	EPI (Henry/Win)							7733000	EPI (PKCOWIN)	0.0001802	EPI (WSKOWWIN)
Direct Blue 6	2602-46-2	821.67	EPI	6.7E-42	EPI (Henry/Win)							22170000	EPI (PKCOWIN)	31.44	EPI (WSKOWWIN)
Direct Brown 95	16071-86-6	760.11	EPI	not listed	not listed							1081000	EPI (PKCOWIN)	1000000	EPI (WSKOWWIN)
Disulfoton	298-04-4	274.39	EPI	8.90E-05	not listed	1.144	CRC 87th edition					818.5	EPI (PKCOWIN)	16.3	Bowman and Sans (1983a)
Dithiane, 1,4-	505-29-3	120.23	EPI	2.40E-05	EPI (Henry/Win)			0.078	USEPA 1987	9.1E-06	USEPA 1987	165.5	EPI (PKCOWIN)	8584	EPI (WSKOWWIN)
Duron	330-54-1	233.1	EPI	0.000000021	not listed							136	EPI (PKCOWIN)	42	Tomlin (1994)
Doxine	2439-10-3	287.45	EPI	2.5E-17	EPI (Henry/Win)							15460	EPI (PKCOWIN)	630	Gunther et al. (1968)
Dioxins															
Hexachlorodibenzo-p-dioxin	34465-46-8	390.87	EPI	2.30E-04	not listed							416700	EPI (PKCOWIN)	0.000004	Fischer et al. (1992)
Hexachlorodibenzo-p-dioxin, Mixture	NA	390.87	EPI	1.00E-03	EPI (Henry/Win)							416700	EPI (PKCOWIN)		

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D ₀	D ₀ Ref	D ₁₀	D ₁₀ Ref	K _{ow}	K _{ow} 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 (PKCOWIN)	25400	Yalkowsky and Dannenfelser (1992)
Methamidophos	10265-92-6	141.13	EPI	3.50E-08	EPI (Henry/Win)	1.31	CRC 87th edition					3.848	EPI (PKCOWIN)	100000	Yalkowsky and Dannenfelser (1992)
Methanol	67-56-1	32.04	EPI	0.7914	Gaffney et al. (1987)	0.7914	not listed	0.16	USEPA 2001	1.6E-05	USEPA 2001	10	EPI (PKCOWIN)	1000000	Ridick et al. (1986)
Methylation	950-37-8	302.32	EPI	not listed	not listed								EPI (PKCOWIN)	10	Bowman and Sans (1983)
Methoxymethyl	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 (PKCOWIN)	98000	Yalkowsky and Dannenfelser (1992)
Methoxy-E-nitroaniline, 2-	99-59-2	168.15	EPI	6.00E-07	EPI (Henry/Win)	1.2068	CRC 87th edition					37.53	EPI (PKCOWIN)	115	Belstein
Methoxychlor	72-43-5	345.66	EPI	8.30E-06	Altschuh et al. (1999)	1.41	CRC 87th edition					42550	EPI (PKCOWIN)	0.1	Richardson and Miller (1960)
Methoxyethanol Acetate, 2-	110-49-6	118.13	EPI	0.00001	EPI (Henry/Win)	1.0074	CRC 87th edition	0.066	USEPA 2001	8.7E-06	USEPA 2001	1.135	EPI (PKCOWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Methoxyethanol, 2-	109-46-4	76.1	EPI	1.90E-05	Johanson and Dynesius (1988)	0.9647	not listed	0.095	USEPA 2001	1.1E-05	USEPA 2001	1	EPI (PKCOWIN)	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 (PKCOWIN)	243000	Stephen and Strehen (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 (PKCOWIN)	49400	Ridick 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 (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	15000	Nemes and Kirsch (1981)
Methyl Parathion	298-00-0	263.21	EPI	4.10E-06	Metcalf et al. (1980)	1.358	CRC 87th edition					522.9	EPI (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	51000	Bennett and Philip (1928)
Methyl-5-Nitroaniline, 2-	99-55-8	162.15	EPI	7.90E-07	EPI (Henry/Win)							85.39	EPI (PKCOWIN)	1878	EPI (WSKOWWIN)
Methylaniline Hydrochloride, 2-	638-21-5	107.16	EPI	0.000081	Altschuh et al. (1999)			0.084	USEPA 1987	9.8E-06	USEPA 1987	74.04	EPI (PKCOWIN)	16800	Huykens et al. (1975)
Methylarsonic acid	124-58-3	139.97	EPI									48.64	EPI (PKCOWIN)	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 (PKCOWIN)	13000	Horvath (1982)
Methylene-bis(2-chloroaniline), 4,4'	101-14-4	267.16	EPI	4.70E-10	EPI (Henry/Win)							13530	EPI (PKCOWIN)	13.9	Voorman and Penner (1986a)
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	264.38	EPI	4.90E-06	EPI (Henry/Win)							14660	EPI (PKCOWIN)	4.14	EPI (WSKOWWIN)
Methylenbisbenzenamine, 4,4'	101-77-9	198.27	EPI	6.50E-10	EPI (Henry/Win)							4950	EPI (PKCOWIN)	1000	Moore (1978)
Methylenediphenyl Diisocyanate	101-48-0	260.26	EPI	3.70E-05	EPI (Henry/Win)			1.197				376200	EPI (PKCOWIN)	5.8288	EPI (WSKOWWIN)
Methylstyrene, Alpha-	98-83-9	118.18	EPI	1.00E-01	not listed			0.063	USEPA 2001	8.2E-06	USEPA 2001	817.2	EPI (PKCOWIN)	89	Banerjee 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 (PKCOWIN)	530	Wauchope et al. (1992)
Metribuzin	21087-64-9	214.29	EPI	4.80E-09	not listed	1.31	CRC 87th edition					1196	EPI (PKCOWIN)	1050	Tomlin (1994)
Milrex	2385-85-5	345.55	EPI	3.30E-02	Yin and Hasselt (1986)							472900	EPI (PKCOWIN)	0.085	Yalkowsky and Dannenfelser (1992)
Molinate	2212-67-1	187.2	EPI	1.70E-04	Sagebiel et al. (1992)							286.3	EPI (PKCOWIN)	0	Wauchope et al. (1991a)
Molybdenum	7439-98-7	95.94	EPI			1.063	CRC 87th edition	3.20E-02	USEPA 2001	6.80E-06	USEPA 2001		EPI (PKCOWIN)	0	CRC 85th edition, considered insoluble
Monochloramine	10599-93-0	51.48	EPI												
Monomethylamine	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 (PKCOWIN)	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		EPI (PKCOWIN)	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 (PKCOWIN)	4370	Tomlin (1994)
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	260.34	EPI	8.40E-09	EPI (Henry/Win)							128800	EPI (PKCOWIN)	7.353	EPI (WSKOWWIN)
Naled	300-76-5	380.79	EPI	2.70E-03	not listed	1.96	CRC 87th edition					96.03	EPI (PKCOWIN)	1.5	USDA Pest. Prop. Database
Naproxamide	15299-99-7	271.36	EPI	3.40E-08	not listed							11520	EPI (PKCOWIN)	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 Sulfide	12035-72-2													0	Lang's (15th Ed.), Assigned a water solubility value of 0
Nitrate	14797-55-8	62	EPI												
Nitrile	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 (PKCOWIN)	1200	Seidell (1941)
Nitroaniline, 4-	100-01-6	138.13	EPI	5.20E-08	Altschuh et al. (1999)	1.424	CRC 87th edition	0.068	USEPA 2001	9.4E-06	USEPA 2001	51.64	EPI (PKCOWIN)	728	Gross and Saylor (1931)
Nitrobenzene	98-95-3	123.11	EPI	9.80E-04	Warner et al. (1987)	1.2037	CRC 87th edition					190.8	EPI (PKCOWIN)	2090	Banerjee et al. (1980)
Nitrofurantoin	67-20-9	238.16	EPI	5.40E-11	EPI (Henry/Win)							262.4	EPI (PKCOWIN)	79.5	Yalkowsky and Dannenfelser (1992)
Nitrofurazone	59-87-0	198.14	EPI	1.3E-11	EPI (Henry/Win)							375.7	EPI (PKCOWIN)	210	Belstein
Nitroglycerin	55-63-0	227.09	EPI	0.000004	not listed	1.5931	CRC 87th edition					130.8	EPI (PKCOWIN)	1380	Seidell (1941)
Nitroguanidine	556-89-7	104.07	EPI	1.80E-10	EPI (Henry/Win)							25.44	EPI (PKCOWIN)	4400	Yalkowsky and Dannenfelser (1992)
Nitromethane	75-52-5	81.04	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 (PKCOWIN)	111000	Ridick 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 (PKCOWIN)	17000	Baker and Bolmeier (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 (PKCOWIN)	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 (PKCOWIN)	13000	Mirvish et al. (1976)
Nitroso-N-ethylurea, N-	759-73-9	117.11	EPI	5.40E-09	EPI (Henry/Win)							35.85	EPI (PKCOWIN)	13000	IARC (1978)
Nitrosodihydroxylamine, N-	1116-54-7	134.14	EPI	9.30E-15	EPI (Henry/Win)							1	EPI (PKCOWIN)	1000000	IARC (1978)
Nitrosodimethylamine, 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 (PKCOWIN)	108000	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 (PKCOWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Nitrosodiphenylamine, N-	86-30-6	198.23	EPI	4.90E-05	EPI (Henry/Win)			0.056	USEPA 1987	6.5E-06	USEPA 1987	6154	EPI (PKCOWIN)	35	Banerjee et al. (1980)
Nitrosomethylamine, 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 (PKCOWIN)	300000	IARC (1978)
Nitrosopyrrolidine, N-	930-95-2	100.12	EPI	2.00E-06	Mirvish et al. (1976)	1.085	CRC 87th edition					158.5	EPI (PKCOWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Nitrobenzene	98-95-3	123.11	EPI	9.80E-04	Warner et al. (1987)	1.1581	CRC 87th edition	5.90E-02	USEPA 2001	8.70E-06	USEPA 2001	309	EPI (PKCOWIN)	850	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 (PKCOWIN)	850	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 (PKCOWIN)	442	Gross et al. (1933)
Norflurazon	27314-13-2	303.67	EPI	1.40E-08	not listed							5674	EPI (PKCOWIN)	33.7	Tomlin (1997)
Nustar	85509-19-9	315.4	EPI	2.10E-05	EPI (Henry/Win)							1766000	EPI (PKCOWIN)	84	Tomlin (1997)
Octahydrophenyl Ether	32536-5														

ANALYSIS	CAS No.	MW	MW Ref	H* Ref	H* Ref	Density (g/ml)	Density Ref	D ₀₁	D ₀₁ Ref	D ₀₂	D ₀₂ Ref	K _{ow}	K _{ow} Ref	S (mg/L)	S Ref
Phenylenediamine, p-	106-50-3	108.14	EPI	0.000000036	EPI (Henry/Win)							72.53	EPI (PKCOWIN)	37000	Seidel (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 (PKCOWIN)	700	Tomlin (1994)
Phorate	298-02-2	263.57	EPI	1.80E-04	not listed	1.16	CRC 87th edition					443.8	EPI (PKCOWIN)	62	Martin and Worthing (1977)
Phosgene	75-44-5	98.92	EPI (Henry/Win)	3.60E-01	EPI (Henry/Win)	1.3719	CRC 87th edition	0.089	USEPA 2001	1.2E-05	USEPA 2001	2.211	EPI (PKCOWIN)	475100	EPI (WSKOWWIN)
Phosmet	732-11-6	317.32	EPI	3.40E-07	not listed							42.9	EPI (PKCOWIN)	24.4	Bowman and Sans (1983)
Phosphine	7803-51-2	34	EPI											397	Lang'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											15	CRC 85th edition, considered insoluble
Phthalic Acid, P-	100-21-0	166.13	EPI	1.60E-11	EPI (Henry/Win)							71.57	EPI (PKCOWIN)	0	Yakovsky and Dannenfelser (1992)
Phthalic Anhydride	85-44-9	148.12	EPI	6.70E-07	not listed	1.527	CRC 87th edition					10.84	EPI (PKCOWIN)	8200	Towle et al. (1968)
Picloram	1918-02-1	241.46	EPI	2.20E-12	not listed							18.1	EPI (PKCOWIN)	430	Tomlin (1994)
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	199.12	EPI	7.60E-13	EPI (Henry/Win)			0.056	USEPA 1987	6.5E-06	USEPA 1987	100.5	EPI (PKCOWIN)	1400	Yakovsky and Dannenfelser (1992)
Pimphos, Methyl	29232-93-7	305.33	EPI	2.90E-05	not listed	1.17	CRC 87th edition					138.4	EPI (PKCOWIN)	8.6	Tomlin (1994)
Polybrominated Biphenyls	58536-65-1	1	EPI											1	EPI (WSKOWWIN)
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	512.53	EPI	5.40E-10	EPI (Henry/Win)							10000000000	EPI (PKCOWIN)	6.938E-07	EPI (WSKOWWIN)
Polysulfate 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 (PKCOWIN)	34	Wauchope et al. (1991a)
Profluralin	26399-36-0	347.3	EPI	1.30E-02	not listed							18250	EPI (PKCOWIN)	0.1	Yakovsky and Dannenfelser (1992)
Prometon	1810-18-0	225.3	EPI	1.30E-07	not listed							156.5	EPI (PKCOWIN)	750	Tomlin (1994)
Prometryn	7287-19-6	241.36	EPI	5.40E-07	not listed	1.157	CRC 87th edition					688.2	EPI (PKCOWIN)	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 (PKCOWIN)	700	Yakovsky and Dannenfelser (1992)
Propanal	709-98-8	218.08	EPI	0.0000007	not listed							125	EPI (PKCOWIN)	152	USDA Pest. Prop. Database
Propargite	2312-35-8	360.48	EPI	1.70E-06	not listed	1.1	CRC 87th edition					138200	EPI (PKCOWIN)	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 (PKCOWIN)	1000000	Yakovsky and Dannenfelser (1992)
Propazine	139-40-2	229.71	EPI	1.90E-07	not listed	1.162	CRC 87th edition					356.2	EPI (PKCOWIN)	8.6	Yakovsky and Dannenfelser (1992)
Propham	122-42-9	179.22	EPI	1.60E-06	EPI (Henry/Win)	1.09	CRC 87th edition					128.4	EPI (PKCOWIN)	179	Yakovsky and Dannenfelser (1992)
Propiconazole	60207-90-1	342.23	EPI	1.70E-07	not listed	1.27	CRC 87th edition					5564	EPI (PKCOWIN)	110	Shu et al. (1990)
Propylene Glycol	57-55-6	76.1	EPI	5.40E-09	EPI (Henry/Win)	1.0361	CRC 87th edition					1	EPI (PKCOWIN)	1000000	EPI (WSKOWWIN)
Propylene Glycol Dinitrate	6423-43-4	166.09	EPI	3.90E-05	EPI (Henry/Win)			6.30E-02	USEPA 1987	7.30E-06	USEPA 1987	67.7	EPI (PKCOWIN)	2821	EPI (WSKOWWIN)
Propylene Glycol Monomethyl Ether	104-15-1	159.09	EPI	1.00E-06	not listed							1	EPI (PKCOWIN)	86200	Boyo et al. (1980)
Propylene Glycol Dimethyl Ether	107-98-2	90.12	EPI	3.80E-05	Johanson and Dynesius (1988)	0.962	CRC 87th edition	0.30E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PKCOWIN)	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 (PKCOWIN)	590000	Boyo et al. (1980)
Pursuit	81335-77-5	289.34	EPI	4.3E-15	EPI (Henry/Win)							1389	EPI (PKCOWIN)	1400	Tomlin (1994)
Pyridin	51630-58-1	419.91	EPI	0.0000014	not listed	1.15	CRC 87th edition					441500	EPI (PKCOWIN)	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 (PKCOWIN)	1000000	Goe (1978)
Polychlorinated Biphenyls (PCBs)															
Aroclor 1016	12674-11-2	257.55	EPI	8.20E-03	Brunner et al. (1990)							27110	EPI (PKCOWIN)	0.27	Chou 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 (PKCOWIN)	4.83	Chou 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 (PKCOWIN)	4.83	Chou et al. (1983)
Aroclor 1242	53468-21-9	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PKCOWIN)	0.277	Yakovsky and Dannenfelser (1992)
Aroclor 1248	12672-29-6	291.99	EPI	1.80E-02	Burkhard et al. (1985a)							43900	EPI (PKCOWIN)	0.05316	EPI (WSKOWWIN)
Aroclor 1254	11097-69-1	326.44	EPI	1.20E-02	Burkhard et al. (1985a)							75640	EPI (PKCOWIN)	0.0034	Ozretich et al. (1995)
Aroclor 1260	11096-82-5	395.33	EPI	1.40E-02	Burkhard et al. (1985a)							206800	EPI (PKCOWIN)	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 (PKCOWIN)	0.00347	Yakovsky, 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)							208800	EPI (PKCOWIN)	0.00395	Yakovsky, SH and Dannenfelser, RM (1992) (20 deg C)
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	30935-91-9	395.33	EPI	5.60E-03	EPI (Henry/Win)							208800	EPI (PKCOWIN)	0.000753	Pailt, GS (1991) (25 deg C)
Hexachlorobiphenyl, 2,3,4,4',5,5'- (PCB 167)	52663-72-6	360.88	EPI	6.60E-03	EPI (Henry/Win)							122500	EPI (PKCOWIN)	0.00223	Pailt, GS (1991) (25 deg C)
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	360.88	EPI	0.0066	EPI (Henry/Win)							125100	EPI (PKCOWIN)	0.001641	EPI (WSKOWWIN)
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	360.88	EPI	0.0066	EPI (Henry/Win)							125100	EPI (PKCOWIN)	0.00533	Yakovsky, 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 (Henry/Win)							122500	EPI (PKCOWIN)	0.00051	Pailt (1991)
Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 123)	65510-44-3	328.44	EPI	7.80E-03	EPI (Henry/Win)							75640	EPI (PKCOWIN)	0.016	Yakovsky, 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 (PKCOWIN)	0.0134	Yakovsky and Dannenfelser (1992)
Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 105)	32598-14-4	326.44	EPI	3.40E-02	not listed							75640	EPI (PKCOWIN)	0.0034	Ozretich et al. (1995)
Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	326.44	EPI	7.80E-03	EPI (Henry/Win)							75640	EPI (PKCOWIN)	0.016	Yakovsky, 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 (Henry/Win)							74100	EPI (PKCOWIN)	0.009394	EPI (WSKOWWIN)
Polychlorinated Biphenyls (high risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PKCOWIN)	0.277	Yakovsky and Dannenfelser (1992)
Polychlorinated Biphenyls (low risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PKCOWIN)	0.277	Yakovsky and Dannenfelser (1992)
Polychlorinated Biphenyls (lowest risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)							44820	EPI (PKCOWIN)	0.277	Yakovsky 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 (PKCOWIN)	0.000569	Yakovsky and Dannenfelser (1992)
Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	291.99	EPI	9.10E-03	EPI (Henry/Win)							44820	EPI (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	0.0434	May et al. (1983)
Benzo[a]anthracene	56-55-3	228.3	EPI	4.90E-04	Bamford et al. (1999)							231300	EPI (PKCOWIN)	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 (PKCOWIN)	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 (PKCOWIN)	0.0015	Yakovsky and Dannenfelser (1992)
Benzo[k]fluoranthene	207-08-9	252.32	EPI	0.000024	Ten Hulscher et al. (1992)							786800	EPI (PKCOWIN)	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 (PKCOWIN)	0.002	Miller et al. (1985)
Dibenz[a,h]anthracene	53-70-3	278.36	EPI	5.00E-06	EPI (Henry/Win)							2622000	EPI (PKCOWIN)	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 (PKCOWIN)	0.26	MacKay and Shu (1977)
Fluorene	86-73-7	166.22	EPI	3.90E-03	Shu and MacKay (1997)	1.203	CRC 87th edition	4.40E-02	USEPA 2001	7.90E-06	USEPA 2001	11290	EPI (PKCOWIN)	1.89	Wauchope and Getzen (1972)
Indeno[1,2,3-cd]pyrene	193-39-3	328.44	EPI	1.40E-0											

ANALYSIS	CAS No.	MW	MW Ref	H'	H' Ref	Density (g/ml)	Density Ref	D ₂₅	D ₂₅ Ref	D ₂₀	D ₂₀ Ref	K _{ow}	K _{ow} Ref	S (mg/L)	S Ref
Sodium Perchlorate	7601-89-0	122.44	EPI	7.50E-08	not listed									2050000	CRC 85th edition, measured at 25 degrees Celsius.
Siroflos (Tetrachlorovinphos)	9611-11-5	365.97	EPI											287.2	EPI (PCKOCWIN)
Srionium, Stable	7440-24-6	87.62	EPI											11	CRC 85th edition, reacts in water and/or decomposes.
Strychnine	57-24-9	334.42	EPI	2.4E-12	EPI (Henry/Win)	1.36	CRC 87th edition					6422	EPI (PCKOCWIN)	160	Sesdel (1941)
Styrene	100-42-5	104.15	EPI	0.11	Bockel (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 (Henry/Win)							7615	EPI (PCKOCWIN)	6.861	EPI (WSKOWWIN)
Syathane	88671-89-0	288.78	EPI	0.00000017	not listed							114300	EPI (PCKOCWIN)	142	Tomlin (1994)
TCEMB	21564-17-0	238.34	EPI	2.7E-10	EPI (Henry/Win)							2707	EPI (PCKOCWIN)	125	Browne et al. (1992)
Tebufluron	34074-18-1	228.31	EPI	4.8E-09	USDA Pest. Prop. Database							22.78	EPI (PCKOCWIN)	2500	Tomlin (1997)
Temephos	3383-96-8	466.46	EPI	0.00000008	EPI (Henry/Win)	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)	26	Yalkowsky and Dannenfelser (1992)
Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	EPI	0.0041	Oliver (1985)	1.859						11.86	EPI (PCKOCWIN)	0.595	Yalkowsky and Vahvani (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	Hovath 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)
Tetracloroethylene	127-18-4	165.83	EPI	7.20E-01	Gosselt (1987)	1.623	CRC 87th edition	0.05	USEPA 2001	9.5E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	206	Hovath 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)
Tetrachloroolefin, p- alpha, alpha, alpha-	5216-25-1	229.92	EPI	7.90E-03	EPI (Henry/Win)	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 (Henry/Win)	1.57	CRC 87th edition					2141	EPI (PCKOCWIN)	74	EPI (WSKOWWIN)
Thallium (I) Nitrate	10102-45-1	266.39	EPI											35500	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	563-48-4	263.43	EPI											0	CRC 85th edition, considered insoluble
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	Wauchoppe et al. (1991a)
Thiofenox	39198-18-4	218.22	EPI	3.80E-07	not listed							97.57	EPI (PCKOCWIN)	26	Yalkowsky and Dannenfelser (1992)
Thiophanate, Methyl	23564-05-8	342.39	EPI	1.20E-11	EPI (Henry/Win)							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	108-88-9	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 dithiocyanate mixture (TDI)	26471-62-5	174.16	EPI	4.50E-04	EPI (Henry/Win)			6.10E-02	USEPA 1987	7.10E-06	USEPA 1987	171.6	EPI (PCKOCWIN)	37.57	EPI (WSKOWWIN)
Toluene-2,4-diamine	95-86-7	122.17	EPI	0.000000039	EPI (Henry/Win)							119.9	EPI (PCKOCWIN)	74820	EPI (WSKOWWIN)
Toluene-2,5-diamine	95-70-5	122.17	EPI	3.90E-08	EPI (Henry/Win)							119.9	EPI (PCKOCWIN)	72460	EPI (WSKOWWIN)
Toluene-2,6-diamine	823-40-5	122.17	EPI	3.90E-08	EPI (Henry/Win)							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	Huykens et al. (1975)
Toluidine, p-	106-49-0	107.16	EPI	9.30E-05	Jaysinghe 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	not listed							99300	EPI (PCKOCWIN)	0.55	EPI (WSKOWWIN)
Trialometrin	66841-25-6	665.02	EPI	1.60E-08	EPI (Henry/Win)							263400	EPI (PCKOCWIN)	0.08	EPI (WSKOWWIN)
Triallate	2303-17-5	304.66	EPI	7.90E-04	EPI (Henry/Win)	1.273	CRC 87th edition					1641	EPI (PCKOCWIN)	4	EPI (WSKOWWIN)
Triasulfuron	82097-50-5	401.83	EPI	1.30E-11	EPI (Henry/Win)							357.7	EPI (PCKOCWIN)	32	EPI (WSKOWWIN)
Trichlorobenzene, 1,2,4-	615-54-3	314.8	EPI	1.60E-02	EPI (Henry/Win)	0.9727	CRC 87th edition	4.10E-02	USEPA 1987	4.80E-06	USEPA 1987	717.6	EPI (PCKOCWIN)	4.8	EPI (WSKOWWIN)
Tributyl Phosphate	128-73-8	266.32	EPI	6.10E-06	EPI (Henry/Win)							1888	EPI (PCKOCWIN)	280	EPI (WSKOWWIN)
Tributyltin Compounds	NA													0	CRC 85th edition, considered insoluble
Tributyltin Oxide	56-35-9	586.12	EPI	3900	EPI (Henry/Win)							37450000	EPI (PCKOCWIN)	100	EPI (WSKOWWIN)
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	187.38	EPI	22	EPI (Henry/Win)	1.5635	CRC 87th edition	0.038	USEPA 2001	6.6E-06	USEPA 2001	224.7	EPI (PCKOCWIN)	170	EPI (WSKOWWIN)
Trichloroaniline HCl, 2,4,6-	33663-50-2	232.53	EPI	2.90E-12	EPI (Henry/Win)							383.1	EPI (PCKOCWIN)	110300	EPI (WSKOWWIN)
Trichloroaniline, 2,4,6-	634-33-5	198.46	EPI	6.50E-05	EPI (Henry/Win)							198.3	EPI (PCKOCWIN)	40	EPI (WSKOWWIN)
Trichlorobenzene, 1,2,4-	120-82-1	181.45	EPI	5.80E-02	EPI (Henry/Win)	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 (Henry/Win)	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	1.00E-01	EPI (Henry/Win)	1.4642	CRC 87th edition	0.069	USEPA 2001	0.00001	USEPA 2001	67.7	EPI (PCKOCWIN)	1280	EPI (WSKOWWIN)
Trichloroethylenemethane	75-69-4	137.37	EPI	4.00E+00	EPI (Henry/Win)	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	Louvenberger 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 (Henry/Win)							80.4	EPI (PCKOCWIN)	200	EPI (WSKOWWIN)
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	255.49	EPI	1.90E-06	EPI (Henry/Win)							48.63	EPI (PCKOCWIN)	278	EPI (WSKOWWIN)
Trichloropropane, 1,1,2-	599-77-6	147.43	EPI	1.30E-02	EPI (Henry/Win)	1.372	CRC 87th edition	0.057	USEPA 2001	9.2E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	1900	EPI (WSKOWWIN)
Trichloropropane, 1,2,3-	96-19-4	147.43	EPI	0.014	EPI (Henry/Win)	1.3899	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 (Henry/Win)	1.412	CRC 87th edition	0.059	USEPA 2001	9.4E-06	USEPA 2001	130.8	EPI (PCKOCWIN)	334.2	EPI (WSKOWWIN)
Triphane	58138-08-2	320.43	EPI	6	EPI (Henry/Win)							1756	EPI (PCKOCWIN)	0.3523	EPI (WSKOWWIN)
Triethylamine	121-44-8	101.19	EPI	1.0E-03	EPI (Henry/Win)	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 (Henry/Win)							9682	EPI (PCKOCWIN)	0.184	EPI (WSKOWWIN)
Trimethyl Phosphate	512-65-1	140.08	EPI	2.90E-07	EPI (Henry/Win)	1.2144	CRC 87th edition	0.061	USEPA 2001	7.9E-06	USEPA 2001	7.644	EPI (PCKOCWIN)	50000	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 (Henry/Win)	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 (Henry/Win)	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 (Henry/Win)	1.654	CRC 87th edition					1834	EPI (PCKOCWIN)	130	EPI (WSKOWWIN)
Trichlorophosphate Oxide	79-29-6	279.29	EPI	2.20E-08	EPI (Henry/Win)				</						