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http://www.epa.gov/region6/6pd/rcra_c/pd-n/screen.htm

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EPA's Region 6 Office

Serving: Arkansas, Louisiana, New Mexico, Oklahoma, Texas, and 66 Tribal Nations

Regional Screening Levels
(Formerly HHMSSL - Human Health Medium-Specific Screening Levels)

Welcome to the Region 6 Regional Screening Level (RSL) website. The downloadable tables were developed jointly with DOE's Oak Ridge National Laboratory (ORNL) under an Interagency Agreement as an update of the EPA Region 3 RBC Table, Region 6 HHMSSL Table and the Region 9 PRG Table. Regions 3, 6, and 9 have historically published screening values on the internet and worked together to develop a consensus based approach to developing a screening table. In addition to the updated RSL tables, a Screening Level Calculator is included to assist in calculating site-specific screening levels. Please check with your program before using the calculator to determine its appropriateness for your situation and/or site.

The tables were not generated to represent action levels or cleanup levels but rather as technical tools. The responsibility of their use and relevance to site-specific circumstances becomes the responsibility of the person recommending their use and the user of the table. To ensure proper use of the RSL tables and the Screening Level Calculator, please review the User's Guide, Equations, What's New and Frequently Asked Questions (FAQs).

You will need the free Adobe Reader to view some of the files on this page.
See EPA's PDF page to learn more.

	PDF (Color)	PDF(B+W)	Excel (Color)	Excel(B+W)
Summary Table	PDF	PDF	XLS	XLS
Residential Soil Supporting	PDF	PDF	XLS	XLS
Industrial Soil Supporting	PDF	PDF	XLS	XLS
Residential Air Supporting	PDF	PDF	XLS	XLS
Industrial Air Supporting	PDF	PDF	XLS	XLS
Residential Tapwater Supporting	PDF	PDF	XLS	XLS
Chemical-specific Parameters	PDF	PDF	XLS	XLS
Composite Table	PDF	PDF	XLS	XLS

Last updated on Monday, June 27, 2011

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Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		ALAR	1596-84-5	2.7E+01	c	9.6E+01	c	4.8E-01	c	2.4E+00	c	3.7E+00	c		8.2E-04	
8.7E-03	I			4.0E-03	I					1	0.1		Acephate	30560-19-1	5.6E+01	c**	2.0E+02	c*					7.7E+00	c*		1.7E-03	
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	Acetaldehyde	75-07-0	1.0E+01	c**	5.2E+01	c**	1.1E+00	c**	5.6E+00	c**	2.2E+00	c**		4.5E-04	
				2.0E-02	I					1	0.1		Acetochlor	34256-82-1	1.2E+03	n	1.2E+04	n					7.3E+02	n		5.8E-01	
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	Acetone	67-64-1	6.1E+04	n	6.3E+05	nms	3.2E+04	n	1.4E+05	n	2.2E+04	n		4.5E+00	
				3.0E-03	P	6.0E-02	P	V		1		1.1E+05	Acetone Cyanohydrin	75-86-5	2.0E+02	n	2.1E+03	n	6.3E+01	n	2.6E+02	n	5.8E+01	n		1.2E-02	
						6.0E-02	I	V		1		1.3E+05	Acetonitrile	75-05-8	8.7E+02	n	3.7E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	
				1.0E-01	I			V		1		2.5E+03	Acetophenone	98-86-2	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		1.1E+00	
3.8E+00	C	1.3E-03	C							1	0.1		Acetylaminofluorene, 2-	53-96-3	1.3E-01	c	4.5E-01	c	1.9E-03	c	9.4E-03	c	1.8E-02	c		8.2E-05	
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	Acrolein	107-02-8	1.5E-01	n	6.5E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.4E-06	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I			1	0.1		Acrylamide	79-06-1	9.7E-01	c	3.4E+00	c	2.4E-02	c	1.2E-01	c	1.3E-01	c		2.8E-05	
				5.0E-01	I	1.0E-03	I			1	0.1		Acrylic Acid	79-10-7	3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	1.8E+04	n		3.7E+00	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	Acrylonitrile	107-13-1	2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*		9.9E-06	
						6.0E-03	P			1	0.1		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n					
5.6E-02	C			1.0E-02	I					1	0.1		Alachlor	15972-60-8	8.7E+00	c*	3.1E+01	c					1.2E+00	c	2.0E+00	9.9E-04	1.6E-03
				1.0E-03	I					1	0.1		Aldicarb	116-06-3	6.1E+01	n	6.2E+02	n					3.7E+01	n		9.1E-03	
				1.0E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.1E+01	n	6.2E+02	n					3.7E+01	n		8.0E-03	
1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1		Aldrin	309-00-2	2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	4.0E-03	c		6.5E-04	
				2.5E-01	I					1	0.1		Ally	74223-64-6	1.5E+04	n	1.5E+05	nm					9.1E+03	n		3.5E+00	
				5.0E-03	I	1.0E-04	X			1	0.1		Allyl Alcohol	107-18-6	3.0E+02	n	3.1E+03	n	1.0E-01	n	4.4E-01	n	1.8E+02	n		3.7E-02	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	Allyl Chloride	107-05-1	6.8E-01	c**	3.4E+00	c**	4.1E-01	c**	2.0E+00	c**	6.5E-01	c**		2.1E-04	
				1.0E+00	P	5.0E-03	P			1			Aluminum	7429-90-5	7.7E+04	n	9.9E+05	nm	5.2E+00	n	2.2E+01	n	3.7E+04	n		5.5E+04	
				4.0E-04	I					1			Aluminum Phosphide	20859-73-8	3.1E+01	n	4.1E+02	n					1.5E+01	n			
				3.0E-04	I					1	0.1		Amdro	67485-29-4	1.8E+01	n	1.8E+02	n					1.1E+01	n		3.9E+03	
				9.0E-03	I					1	0.1		Ametryn	834-12-8	5.5E+02	n	5.5E+03	n					3.3E+02	n		3.5E-01	
2.1E+01	C	6.0E-03	C							1	0.1		Aminobiphenyl, 4-	92-67-1	2.3E-02	c	8.2E-02	c	4.1E-04	c	2.0E-03	c	3.2E-03	c		1.6E-05	
				8.0E-02	P					1	0.1		Aminophenol, m-	591-27-5	4.9E+03	n	4.9E+04	n					2.9E+03	n		1.1E+00	
				2.0E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		2.8E-01	
				2.5E-03	I					1	0.1		Amitraz	33089-61-1	1.5E+02	n	1.5E+03	n					9.1E+01	n		4.7E+01	
						1.0E-01	I			1			Ammonia	7664-41-7					1.0E+02	n	4.4E+02	n					
				2.0E-01	I					1			Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.0E+05	nm					7.3E+03	n			
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		Aniline	62-53-3	8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c*		4.0E-03	
4.0E-02	P			2.0E-03	X					1	0.1		Anthraquinone, 9,10-	84-65-1	1.2E+01	c*	4.3E+01	c*					1.7E+00	c*			
				4.0E-04	I					0.15			Antimony (metallic)	7440-36-0	3.1E+01	n	4.1E+02	n					1.5E+01	n	6.0E+00	6.6E-01	2.7E-01
				5.0E-04	H					0.15			Antimony Pentoxide	1314-60-9	3.9E+01	n	5.1E+02	n					1.8E+01	n			
				9.0E-04	H					0.15			Antimony Potassium Tartrate	11071-15-1	7.0E+01	n	9.2E+02	n					3.3E+01	n			
				4.0E-04	H					0.15			Antimony Tetroxide	1332-81-6	3.1E+01	n	4.1E+02	n					1.5E+01	n			
						2.0E-04	I			0.15			Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n					
				1.3E-02	I					1	0.1		Apollo	74115-24-5	7.9E+02	n	8.0E+03	n					4.7E+02	n		2.9E+01	
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		Aramite	140-57-8	1.9E+01	c	6.9E+01	c	3.4E-01	c	1.7E+00	c	2.7E+00	c		3.0E-02	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		Arsenic, Inorganic	7440-38-2	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
				3.5E-06	C	5.0E-05	I			1			Arsine	7784-42-1	2.7E-01	n	3.6E+00	n	5.2E-02	n	2.2E-01	n	1.3E-01	n			
				9.0E-03	I					1	0.1		Assure	76578-14-8	5.5E+02	n	5.5E+03	n					3.3E+02	n		5.1E+00	
				5.0E-02	I					1	0.1		Asulam	3337-71-1	3.1E+03	n	3.1E+04	n					1.8E+03	n		4.7E-01	
2.3E-01	C			3.5E-02	I					1	0.1		Atrazine	1912-24-9	2.1E+00	c	7.5E+00	c					2.9E-01	c	3.0E+00	1.9E-04	1.9E-03
8.8E-01	C	2.5E-04	C							1	0.1		Auramine	492-80-8	5.5E-01	c	2.0E+00	c	9.7E-03	c	4.9E-02	c	7.6E-02	c		7.0E-04	
				4.0E-04	I					1	0.1		Avermectin B1	65195-55-3	2.4E+01	n	2.5E+02	n					1.5E+01	n		2.6E+01	
1.1E-01	I	3.1E-05	I					V		1			Azobenzene	103-33-3	5.1E+00	c	2.3E+01	c	7.8E-02	c	4.0E-01	c	1.2E-01	c		9.6E-04	
				2.0E-01	I	5.0E-04	H			0.07			Barium	7440-39-3	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
				4.0E-03	I					1	0.1		Baygon	114-26-1	2.4E+02	n	2.5E+03	n					1.5E+02	n		4.7E-02	
				3.0E-02	I					1	0.1		Bayleton	43121-43-3	1.8E+03	n	1.8E+04	n					1.1E+03	n		8.7E-01	
				2.5E-02	I					1	0.1		Baythroid	68359-37-5	1.5E+03	n	1.5E+04	n					9.1E+02	n		2.4E+02	
				3.0E-01	I					1	0.1		Benefin	1861-40-1	1.8E+04	n	1.8E+05	nm					1.1E+04	n		3.6E+02	
				5.0E-02	I					1	0.1		Benomyl	17804-35-2	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.6E+00	
				3.0E-02	I					1	0.1		Bentazon	25057-89-0	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.4E-01	
				1.0E-01	I			V		1		1.2E+03	Benzaldehyde	100-52-7	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		8.1E-01	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.8E+03	Benzene	71-43-2	1.1E+00	c*	5.4E+00	c*	3.1E-01	c	1.6E+00	c*	4.1E-01	c	5.0E+00	2.1E-04	2.6E-03
				2.0E-04	X					1	0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	1.2E+01	n	1.2E+02	n					7.3E+00	n			
				1.0E-03	P			V		1		1.3E+03	Benzenethiol	108-98-5	7.8E+01	n	1.0E+03	n					3.7E+01	n		2.4E-02	
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		Benzidine	92-87-5	5.0E-04	c	7.5E-03	c	1.4E-05	c	1.8E-04	c	9.4E-05	c		2.4E-07	
				4.0E+00	I					1	0.1		Benzoic Acid	65-85-0	2.4E+05	nm	2.5E+06	nm					1.5E+05	n		3.4E+01	
1.3E+01	I							V		1		3.2E+02	Benzotrichloride	98-07-7	4.9E-02	c	2.2E-01	c					5.2E-03	c		1.1E-05	
				1.0E-01	P					1	0.1		Benzyl Alcohol	100-51-6	6.1E+03	n	6.2E+04	n					3.7E+03	n		8.9E-01	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.5E+03	Benzyl Chloride	100-44-7	1.0E+00	c*	4.9E+00	c*	5.0E-02	c*	2.5E-01	c*	7.9E-02	c*		8.7E-05	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			Beryllium and compounds	7440-41-7	1.6E+02	n	2.0E+03	n	1.0E-03	c*	5.1E-03	c*	7.3E+01	n	4.0E+00	5.8E+01	3.2E+00

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				1.0E-04	I					1	0.1		Bidrin	141-66-2	6.1E+00	n	6.2E+01	n					3.7E+00	n		8.5E-04	
				9.0E-03	P					1	0.1		Bifenox	42576-02-3	5.5E+02	n	5.5E+03	n					3.3E+02	n		2.5E+00	
				1.5E-02	I					1	0.1		Biphenthrin	82657-04-3	9.2E+02	n	9.2E+03	n					5.5E+02	n		2.5E+03	
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		1		2.1E+02	Biphenyl, 1,1'-	92-52-4	5.1E+01	n	2.1E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		8.7E-03	
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.6E+00	c	2.2E+01	c	2.4E-01	c	1.2E+00	c	3.2E-01	c		1.2E-04	
				3.0E-03	P					1	0.1		Bis(2-chloroethoxy)methane	111-91-1	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.5E-02	
1.1E+00	I	3.3E-04	I					V		1		5.1E+03	Bis(2-chloroethyl)ether	111-44-4	2.1E-01	c	1.0E+00	c	7.4E-03	c	3.7E-02	c	1.2E-02	c		3.1E-06	
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		Bis(2-ethylhexyl)phthalate	117-81-7	3.5E+01	c*	1.2E+02	c	1.0E+00	c	5.1E+00	c	4.8E+00	c	6.0E+00	1.1E+00	1.4E+00
2.2E+02	I	6.2E-02	I					V		1		4.2E+03	Bis(chloromethyl)ether	542-88-1	7.7E-05	c	3.9E-04	c	3.9E-05	c	2.0E-04	c	6.2E-05	c		1.5E-08	
				5.0E-02	I					1	0.1		Bisphenol A	80-05-7	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.4E+02	
				2.0E-01	I	2.0E-02	H			1			Boron And Borates Only	7440-42-8	1.6E+04	n	2.0E+05	nm	2.1E+01	n	8.8E+01	n	7.3E+03	n		2.3E+01	
				4.0E-02	C	1.3E-02	C			1			Boron Trifluoride	7637-07-2	3.1E+03	n	4.1E+04	n	1.4E+01	n	5.7E+01	n	1.5E+03	n			
7.0E-01	I			4.0E-03	I					1			Bromate	15541-45-4	9.1E-01	c	4.1E+00	c					9.6E-02	c	1.0E+01	7.4E-04	7.7E-02
2.0E+00	X	6.0E-04	X					V		1		2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	2.4E-02	c	1.2E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c		1.8E-06	
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	Bromobenzene	108-86-1	3.0E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	8.8E+01	n		5.9E-02	
						4.0E-02	X	V		1		4.0E+03	Bromochloromethane	74-97-5	1.6E+02	n	6.8E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n		2.1E-02	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		1		9.3E+02	Bromodichloromethane	75-27-4	2.7E-01	c	1.4E+00	c	6.6E-02	c	3.3E-01	c	1.2E-01	c	8.0E+01(F)	3.2E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		Bromoform	75-25-2	6.2E+01	c*	2.2E+02	c*	2.2E+00	c	1.1E+01	c	8.5E+00	c*	8.0E+01(F)	2.3E-03	2.1E-02
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	Bromomethane	74-83-9	7.3E+00	n	3.2E+01	n	5.2E+00	n	2.2E+01	n	8.7E+00	n		2.2E-03	
				5.0E-03	H					1	0.1		Bromophos	2104-96-3	3.1E+02	n	3.1E+03	n					1.8E+02	n		7.7E-01	
				2.0E-02	I					1	0.1		Bromoxynil	1689-84-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.3E-01	
				2.0E-02	I					1	0.1		Bromoxynil Octanoate	1689-99-2	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.4E+00	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	Butadiene, 1,3-	106-99-0	5.4E-02	c*	2.6E-01	c*	8.1E-02	c*	4.1E-01	c*	1.8E-02	c		9.7E-06	
				1.0E-01	I					1	0.1		Butanol, N-	71-36-3	6.1E+03	n	6.2E+04	n					3.7E+03	n		7.6E-01	
1.9E-03	P			2.0E-01	I					1	0.1		Butyl Benzyl Phthlate	85-68-7	2.6E+02	c*	9.1E+02	c					3.5E+01	c		5.1E-01	
				2.0E+00	P	3.0E+01	P			1	0.1		Butyl alcohol, sec-	78-92-2	1.2E+05	nm	1.2E+06	nm	3.1E+04	n	1.3E+05	n	7.3E+04	n		1.5E+01	
				5.0E-02	I					1	0.1		Butylate	2008-41-5	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.8E+00	
2.0E-04	C	5.7E-08	C							1	0.1		Butylated hydroxyanisole	25013-16-5	2.4E+03	c	8.6E+03	c	4.3E+01	c	2.2E+02	c	3.4E+02	c		6.3E-01	
				5.0E-02	P			V		1		1.1E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.1E+04	ns					1.8E+03	n		5.9E+00	
				1.0E+00	I					1	0.1		Butylphthalyl Butylglycolate	85-70-1	6.1E+04	n	6.2E+05	nm					3.7E+04	n		8.3E+02	
				2.0E-02	A					1	0.1		Cacodylic Acid	75-60-5	1.2E+03	n	1.2E+04	n					7.3E+02	n			
		1.8E-03	I	1.0E-03	I	2.0E-05	C			0.025	0.001		Cadmium (Diet)	7440-43-9	7.0E+01	n	8.0E+02	n									
		1.8E-03	I	5.0E-04	I	2.0E-05	C			0.05	0.001		Cadmium (Water)	7440-43-9					1.4E-03	c*	6.8E-03	c*	1.8E+01	n	5.0E+00	1.4E+00	3.8E-01
				5.0E-01	I					1	0.1		Caprolactam	105-60-2	3.1E+04	n	3.1E+05	nm					1.8E+04	n		4.5E+00	
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		Captafol	2425-06-1	3.2E+00	c*	1.1E+01	c	5.7E-02	c	2.9E-01	c	4.5E-01	c		7.9E-04	
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		Captan	133-06-2	2.1E+02	c*	7.5E+02	c	3.7E+00	c	1.9E+01	c	2.9E+01	c		2.1E-02	
				1.0E-01	I					1	0.1		Carbaryl	63-25-2	6.1E+03	n	6.2E+04	n					3.7E+03	n		3.3E+00	
				5.0E-03	I					1	0.1		Carbofuran	1563-66-2	3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	7.1E-02	1.6E-02
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	Carbon Disulfide	75-15-0	8.2E+02	ns	3.7E+03	ns	7.3E+02	n	3.1E+03	n	1.0E+03	n		3.1E-01	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	Carbon Tetrachloride	56-23-5	6.1E-01	c	3.0E+00	c	4.1E-01	c	2.0E+00	c	4.4E-01	c	5.0E+00	1.7E-04	1.9E-03
				1.0E-02	I					1	0.1		Carbosulfan	55285-14-8	6.1E+02	n	6.2E+03	n					3.7E+02	n		8.8E+00	
				1.0E-01	I					1	0.1		Carboxin	5234-68-4	6.1E+03	n	6.2E+04	n					3.7E+03	n		2.0E+00	
						9.0E-04	I			1			Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n					
				1.0E-01	I					1	0.1		Chloral Hydrate	302-17-0	6.1E+03	n	6.2E+04	n					3.7E+03	n		7.4E-01	
				1.5E-02	I					1	0.1		Chloramben	133-90-4	9.2E+02	n	9.2E+03	n					5.5E+02	n		1.3E-01	
4.0E-01	H									1	0.1		Chloranil	118-75-2	1.2E+00	c	4.3E+00	c					1.7E-01	c		1.4E-04	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		Chlordane	12789-03-6	1.6E+00	c*	6.5E+00	c*	2.4E-02	c*	1.2E-01	c*	1.9E-01	c*	2.0E+00	1.3E-02	1.4E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		Chlordecone (Kepone)	143-50-0	4.9E-02	c	1.7E-01	c	5.3E-04	c	2.7E-03	c	6.7E-03	c		2.4E-04	
				7.0E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.3E+01	n	4.3E+02	n					2.6E+01	n		7.0E-02	
				2.0E-02	I					1	0.1		Chlorimuron, Ethyl-	90982-32-4	1.2E+03	n	1.2E+04	n					7.3E+02	n		2.5E-01	
				1.0E-01	I	1.5E-04	A			1			Chlorine	7782-50-5	7.5E+03	n	9.1E+04	n	1.5E-01	n	6.4E-01	n	3.7E+03	n		1.6E+00	
				3.0E-02	I	2.0E-04	I			1			Chlorine Dioxide	10049-04-4	2.3E+03	n	3.0E+04	n	2.1E-01	n	8.8E-01	n	1.1E+03	n			
				3.0E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.1E+04	n					1.1E+03	n	1.0E+03		
						5.0E+01	I	V		1		1.2E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.8E+04	ns	2.4E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		5.2E+01	
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.5E+02	Chloro-1,3-butadiene, 2-	126-99-8	9.4E-03	c	4.7E-02	c	8.1E-03	c	4.1E-02	c	1.6E-02	c		8.5E-06	
4.6E-01	H									1	0.1		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.1E+00	c	3.7E+00	c					1.5E-01	c		8.3E-05	
1.0E-01	P	7.7E-05	C	3.0E-03	X					1	0.1		Chloro-2-methylaniline, 4-	95-69-2	4.9E+00	c*	1.7E+01	c	3.2E-02	c	1.6E-01	c	6.7E-01	c		3.8E-04	
2.7E-01	X									1	0.1		Chloroacetaldehyde, 2-	107-20-0	1.8E+00	c	6.4E+00	c					2.5E-01	c		5.0E-05	
				2.0E-03	H					1	0.1		Chloroacetic Acid	79-11-8	1.2E+02	n	1.2E+03	n					7.3E+01	n	6.0E+01	1.5E-02	1.2E-02
						3.0E-05	I			1	0.1		Chloroacetophenone, 2-	532-27-4	4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n					
2.0E-01	P			4.0E-03	I					1	0.1		Chloroaniline, p-	106-47-8	2.4E+00	c	8.6E+00	c					3.4E-01	c		1.4E-04	
				2.0E-02	I	5.0E-02	P	V		1		7.6E+02	Chlorobenzene	108-90-7	2.9E+02	n	1.4E+03	ns	5.2E+01	n	2.2E+02	n	9.1E+01	n	1.0E+02	6.2E-02	6.8E-02
1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		Chlorobenzilate	510-15-6	4.4E+00	c	1.6E+01	c	7.8E-02	c	4.0E-01	c	6.1E-01	c		2.0E-03	
				3.0E-02	X					1	0.1		Chlorobenzoic Acid, p-	74-11-3	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.8E-01	
				3.0E-03	P	3.0E-01	P	V		1		1.2E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.1E+02	ns	2.3E+03	ns	3.1E+02	n	1.3E+03	n	9.3E+01	n		3.3E-01	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				4.0E-02	P			V		1		7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+03	ns	4.1E+04	ns					1.5E+03	n		5.9E-01	
						5.0E+01	I	V		1		1.7E+03	Chlorodifluoromethane	75-45-6	5.3E+04	ns	2.2E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.3E+01	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.5E+03	Chloroform	67-66-3	2.9E-01	c	1.5E+00	c	1.1E-01	c	5.3E-01	c	1.9E-01	c	8.0E+01(F)	5.3E-05	2.2E-02
						9.0E-02	I	V		1		1.3E+03	Chloromethane	74-87-3	1.2E+02	n	5.0E+02	n	9.4E+01	n	3.9E+02	n	1.9E+02	n		4.9E-02	
2.4E+00	C	6.9E-04	C					V		1		2.6E+04	Chloromethyl Methyl Ether	107-30-2	1.9E-02	c	9.4E-02	c	3.5E-03	c	1.8E-02	c	5.6E-03	c		1.2E-06	
				8.0E-02	I			V		1		1.8E+02	Chloronaphthalene, Beta-	91-58-7	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		1.5E+01	
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1		Chloronitrobenzene, o-	88-73-3	1.6E+00	c	5.7E+00	c	1.0E-02	n	4.4E-02	n	2.2E-01	c		2.1E-04	
6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1		Chloronitrobenzene, p-	100-00-5	6.1E+01	n	2.7E+02	c**	6.3E-01	n	2.6E+00	n	1.1E+01	c**		9.9E-03	
				5.0E-03	I			V		1		2.2E+04	Chlorophenol, 2-	95-57-8	3.9E+02	n	5.1E+03	n					1.8E+02	n		1.5E-01	
						4.0E-04	C	V		1		6.2E+02	Chloropicrin	76-06-2	2.1E+00	n	8.8E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.5E-04	
3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1		Chlorothalonil	1897-45-6	1.6E+02	c**	5.6E+02	c*	2.7E+00	c	1.4E+01	c	2.2E+01	c*		4.9E-02	
				2.0E-02	I			V		1		9.1E+02	Chlorotoluene, o-	95-49-8	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		7.1E-01	
				2.0E-02	X			V		1		2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		7.1E-01	
2.4E+02	C	6.9E-02	C							1	0.1		Chlorozotocin	54749-90-5	2.0E-03	c	7.2E-03	c	3.5E-05	c	1.8E-04	c	2.8E-04	c		6.2E-08	
				2.0E-01	I					1	0.1		Chlorpropham	101-21-3	1.2E+04	n	1.2E+05	nm					7.3E+03	n		6.6E+00	
				3.0E-03	I					1	0.1		Chlorpyrifos	2921-88-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.6E+00	
				1.0E-02	H					1	0.1		Chlorpyrifos Methyl	5598-13-0	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.7E+00	
				5.0E-02	I					1	0.1		Chlorsulfuron	64902-72-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.5E+00	
				8.0E-04	H					1	0.1		Chlorthiophos	60238-56-4	4.9E+01	n	4.9E+02	n					2.9E+01	n		7.5E-01	
				1.5E+00	I					0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.5E+06	nm					5.5E+04	n		9.9E+07	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	0.025			Chromium(VI)	18540-29-9	2.9E-01	c	5.6E+00	c	1.1E-05	c	1.5E-04	c	4.3E-02	c		8.3E-04	
										0.013			Chromium, Total	7440-47-3											1.0E+02		1.8E+05
		9.0E-03	P	3.0E-04	P	6.0E-06	P			1			Cobalt	7440-48-4	2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	1.1E+01	n		4.9E-01	
		6.2E-04	I						M	1	0.1		Coke Oven Emissions	8007-45-2					1.5E-03	c	2.0E-02	c					
				4.0E-02	H					1			Copper	7440-50-8	3.1E+03	n	4.1E+04	n					1.5E+03	n	1.3E+03	5.1E+01	4.6E+01
				5.0E-02	I	6.0E-01	C			1	0.1		Cresol, m-	108-39-4	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	1.8E+03	n		1.5E+00	
				5.0E-02	I	6.0E-01	C			1	0.1		Cresol, o-	95-48-7	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	1.8E+03	n		1.5E+00	
				5.0E-03	H	6.0E-01	C			1	0.1		Cresol, p-	106-44-5	3.1E+02	n	3.1E+03	n	6.3E+02	n	2.6E+03	n	1.8E+02	n		1.5E-01	
				1.0E-01	X					1	0.1		Cresol, p-chloro-m-	59-50-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		4.3E+00	
				1.0E-01	A	6.0E-01	C	V		1		5.0E+04	Cresols	1319-77-3	7.5E+03	n	9.1E+04	ns	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.6E-01	
1.9E+00	H			1.0E-03	P			V		1		1.7E+04	Crotonaldehyde, trans-	123-73-9	3.4E-01	c	1.5E+00	c					3.5E-02	c		7.2E-06	
				1.0E-01	I	4.0E-01	I	V		1		2.7E+02	Cumene	98-82-8	2.1E+03	ns	1.1E+04	ns	4.2E+02	n	1.8E+03	n	6.8E+02	n		1.1E+00	
2.2E-01	C	6.3E-05	C							1	0.1		Cupferron	135-20-6	2.2E+00	c	7.8E+00	c	3.9E-02	c	1.9E-01	c	3.1E-01	c		5.3E-04	
8.4E-01	H			2.0E-03	H					1	0.1		Cyanazine	21725-46-2	5.8E-01	c	2.1E+00	c					8.0E-02	c		3.7E-05	
													Cyanides														
				4.0E-02	I					1			~Calcium Cyanide	592-01-8	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				5.0E-03	I					1			~Copper Cyanide	544-92-3	3.9E+02	n	5.1E+03	n					1.8E+02	n			
				2.0E-02	I			V		1		1.0E+07	~Cyanide (CN-)	57-12-5	1.6E+03	n	2.0E+04	n					7.3E+02	n	2.0E+02	7.4E+00	2.0E+00
				4.0E-02	I			V		1			~Cyanogen	460-19-5	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				9.0E-02	I			V		1			~Cyanogen Bromide	506-68-3	7.0E+03	n	9.2E+04	n					3.3E+03	n			
				5.0E-02	I			V		1			~Cyanogen Chloride	506-77-4	3.9E+03	n	5.1E+04	n					1.8E+03	n			
				6.0E-04	I	8.0E-04	I	V		1			~Hydrogen Cyanide	74-90-8	4.7E+01	n	6.1E+02	n	8.3E-01	n	3.5E+00	n	1.6E+00	n			
				5.0E-02	I					1			~Potassium Cyanide	151-50-8	3.9E+03	n	5.1E+04	n					1.8E+03	n			
				2.0E-01	I					0.04			~Potassium Silver Cyanide	506-61-6	1.6E+04	n	2.0E+05	nm					7.3E+03	n			
				1.0E-01	I					0.04			~Silver Cyanide	506-64-9	7.8E+03	n	1.0E+05	nm					3.7E+03	n			
				4.0E-02	I					1			~Sodium Cyanide	143-33-9	3.1E+03	n	4.1E+04	n					1.5E+03	n	2.0E+02		
				2.0E-04	P			V		1		4.6E+03	~Thiocyanate	463-56-9	1.6E+01	n	2.0E+02	n					7.3E+00	n		1.5E-03	
				5.0E-02	I					1			~Zinc Cyanide	557-21-1	3.9E+03	n	5.1E+04	n					1.8E+03	n			
						6.0E+00	I	V		1		1.2E+02	Cyclohexane	110-82-7	7.0E+03	ns	2.9E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01	
2.3E-02	H									1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.1E+01	c	7.5E+01	c					2.9E+00	c		1.7E-02	
				5.0E+00	I	7.0E-01	P			1	0.1		Cyclohexanone	108-94-1	3.1E+05	nm	3.1E+06	nm	7.3E+02	n	3.1E+03	n	1.8E+05	n		4.3E+01	
				2.0E-01	I					1	0.1		Cyclohexylamine	108-91-8	1.2E+04	n	1.2E+05	nm					7.3E+03	n		1.9E+00	
				5.0E-03	I					1	0.1		Cyhalothrin/karate	68085-85-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.2E+02	
				1.0E-02	I					1	0.1		Cypermethrin	52315-07-8	6.1E+02	n	6.2E+03	n					3.7E+02	n		5.8E+01	
				7.5E-03	I					1	0.1		Cyromazine	66215-27-8	4.6E+02	n	4.6E+03	n					2.7E+02	n		7.0E-02	
2.4E-01	I	6.9E-05	C							1	0.1		DDD	72-54-8	2.0E+00	c	7.2E+00	c	3.5E-02	c	1.8E-01	c	2.8E-01	c		6.6E-02	
3.4E-01	I	9.7E-05	C							1	0.1		DDE, p,p'-	72-55-9	1.4E+00	c	5.1E+00	c	2.5E-02	c	1.3E-01	c	2.0E-01	c		4.7E-02	
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		DDT	50-29-3	1.7E+00	c*	7.0E+00	c*	2.5E-02	c	1.3E-01	c	2.0E-01	c*		6.7E-02	
				1.0E-02	I					1	0.1		Dacthal	1861-32-1	6.1E+02	n	6.2E+03	n					3.7E+02	n		4.5E-01	
				3.0E-02	I					1	0.1		Dalapon	75-99-0	1.8E+03	n	1.8E+04	n					1.1E+03	n	2.0E+02	2.3E-01	4.1E-02
7.0E-04	I			7.0E-03	I					1	0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.3E+02	n	2.5E+03	c**					9.6E+01	c**		5.3E+01	
				4.0E-05	I					1	0.1		Demeton	8065-48-3	2.4E+00	n	2.5E+01	n					1.5E+00	n			
1.2E-03	I			6.0E-01	I					1	0.1		Di(2-ethylhexyl)adipate	103-23-1	4.1E+02	c*	1.4E+03	c					5.6E+01	c	4.0E+02	4.0E+00	2.9E+01
6.1E-02	H									1	0.1		Diallate	2303-16-4	8.0E+00	c	2.8E+01	c					1.1E+00	c		1.6E-03	
				7.0E-04	A					1	0.1		Diazinon	333-41-5	4.3E+01	n	4.3E+02	n					2.6E+01	n		1.6E-01	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.4E-03	c	6.9E-02	c	1.6E-04	c	2.0E-03	c	3.2E-04	c	2.0E-01	1.4E-07	8.6E-05
				1.0E-02	I					1	0.1		Dibromobenzene, 1,4-	106-37-6	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.5E-01	
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	8.0E+02	Dibromochloromethane	124-48-1	6.8E-01	c	3.3E+00	c	9.0E-02	c	4.5E-01	c	1.5E-01	c	8.0E+01(F)	3.9E-05	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	Dibromoethane, 1,2-	106-93-4	3.4E-02	c	1.7E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c	5.0E-02	1.8E-06	1.4E-05
				1.0E-02	H	4.0E-03	X	V		1		2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.5E+01	n	1.1E+02	n	4.2E+00	n	1.8E+01	n	8.2E+00	n		2.0E-03	
				1.0E-01	I					1	0.1		Dibutyl Phthalate	84-74-2	6.1E+03	n	6.2E+04	n					3.7E+03	n		9.2E+00	
				3.0E-04	P					1	0.1		Dibutyltin Compounds	NA	1.8E+01	n	1.8E+02	n					1.1E+01	n			
				3.0E-02	I					1	0.1		Dicamba	1918-00-9	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.8E-01	
		4.2E-03	P					V		1		5.2E+02	Dichloro-2-butene, 1,4-	764-41-0	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
		4.2E-03	P					V		1	0.1	5.2E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
		4.2E-03	P					V		1	0.1	7.6E+02	Dichloro-2-butene, trans-1,4-	110-57-6	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
5.0E-02	I			4.0E-03	I					1	0.1		Dichloroacetic Acid	79-43-6	9.7E+00	c*	3.4E+01	c*					1.3E+00	c	6.0E+01	2.8E-04	1.2E-02
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	Dichlorobenzene, 1,2-	95-50-1	1.9E+03	ns	9.8E+03	ns	2.1E+02	n	8.8E+02	n	3.7E+02	n	6.0E+02	3.6E-01	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			Dichlorobenzene, 1,4-	106-46-7	2.4E+00	c	1.2E+01	c	2.2E-01	c	1.1E+00	c	4.3E-01	c	7.5E+01	4.1E-04	7.2E-02
4.5E-01	I	3.4E-04	C							1	0.1		Dichlorobenzidine, 3,3'-	91-94-1	1.1E+00	c	3.8E+00	c	7.2E-03	c	3.6E-02	c	1.5E-01	c		9.8E-04	
				9.0E-03	X					1	0.1		Dichlorobenzophenone, 4,4'-	90-98-2	5.5E+02	n	5.5E+03	n					3.3E+02	n		2.0E+00	
				2.0E-01	I	1.0E-01	X	V		1		8.5E+02	Dichlorodifluoromethane	75-71-8	9.4E+01	n	4.0E+02	n	1.0E+02	n	4.4E+02	n	2.0E+02	n		3.1E-01	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.7E+03	Dichloroethane, 1,1-	75-34-3	3.3E+00	c	1.7E+01	c	1.5E+00	c	7.7E+00	c	2.4E+00	c		6.9E-04	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	Dichloroethane, 1,2-	107-06-2	4.3E-01	c*	2.2E+00	c*	9.4E-02	c*	4.7E-01	c*	1.5E-01	c*	5.0E+00	4.2E-05	1.4E-03
				5.0E-02	I	2.0E-01	I	V		1		1.2E+03	Dichloroethylene, 1,1-	75-35-4	2.4E+02	n	1.1E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n	7.0E+00	1.2E-01	2.5E-03
				9.0E-03	H			V		1		1.3E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	7.0E+02	n	9.2E+03	ns					3.3E+02	n		9.7E-02	
				2.0E-03	I			V		1		2.4E+03	Dichloroethylene, 1,2-cis-	156-59-2	1.6E+02	n	2.0E+03	n					7.3E+01	n	7.0E+01	2.1E-02	2.1E-02
				2.0E-02	I	6.0E-02	P	V		1		1.7E+03	Dichloroethylene, 1,2-trans-	156-60-5	1.5E+02	n	6.9E+02	n	6.3E+01	n	2.6E+02	n	1.1E+02	n	1.0E+02	3.1E-02	2.9E-02
				3.0E-03	I					1	0.1		Dichlorophenol, 2,4-	120-83-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.3E-01	
				1.0E-02	I					1	0.05		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	6.9E+02	n	7.7E+03	n					3.7E+02	n	7.0E+01	9.5E-02	1.8E-02
				8.0E-03	I					1	0.1		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.2E-01	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	Dichloropropane, 1,2-	78-87-5	9.4E-01	c*	4.7E+00	c*	2.4E-01	c*	1.2E+00	c*	3.9E-01	c*	5.0E+00	1.3E-04	1.7E-03
				2.0E-02	P			V		1		1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		2.5E-01	
				3.0E-03	I					1	0.1		Dichloropropanol, 2,3-	616-23-9	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.3E-02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	Dichloropropene, 1,3-	542-75-6	1.7E+00	c*	8.3E+00	c*	6.1E-01	c*	3.1E+00	c*	4.3E-01	c*		1.5E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		Dichlorvos	62-73-7	1.7E+00	c*	5.9E+00	c*	2.9E-02	c*	1.5E-01	c*	2.3E-01	c*		7.1E-05	
				8.0E-03	P	7.0E-03	P	V		1		1.3E+02	Dicyclopentadiene	77-73-6	3.1E+01	n	1.3E+02	ns	7.3E+00	n	3.1E+01	n	1.4E+01	n		4.8E-02	
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		Dieldrin	60-57-1	3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	4.2E-03	c		1.7E-04	
		3.0E-04	C			5.0E-03	I			1	0.1		Diesel Engine Exhaust	NA					8.1E-03	c	4.1E-02	c					
						3.0E-03	C			1	0.1		Diethanolamine	111-42-2	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n					
				8.0E-01	I					1	0.1		Diethyl Phthalate	84-66-2	4.9E+04	n	4.9E+05	nm					2.9E+04	n		1.2E+01	
				3.0E-02	P	1.0E-04	P			1	0.1		Diethylene Glycol Monobutyl Ether	112-34-5	1.8E+03	n	1.8E+04	n	1.0E-01	n	4.4E-01	n	1.1E+03	n		2.4E-01	
				6.0E-02	P	3.0E-04	P			1	0.1		Diethylene Glycol Monoethyl Ether	111-90-0	3.6E+03	n	3.6E+04	n	3.1E-01	n	1.3E+00	n	2.2E+03	n		4.4E-01	
				1.0E-03	P					1	0.1		Diethylformamide	617-84-5	6.1E+01	n	6.2E+02	n					3.7E+01	n		7.5E-03	
3.5E+02	C	1.0E-01	C							1	0.1		Diethylstilbestrol	56-53-1	1.4E-03	c	4.9E-03	c	2.4E-05	c	1.2E-04	c	1.9E-04	c		1.1E-04	
				8.0E-02	I					1	0.1		Difenzoquat	43222-48-6	4.9E+03	n	4.9E+04	n					2.9E+03	n			
				2.0E-02	I					1	0.1		Diflubenzuron	35367-38-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		8.2E-01	
						4.0E+01	I	V		1		1.4E+03	Difluoroethane, 1,1-	75-37-6	5.2E+04	ns	2.2E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.8E+01	
4.4E-02	C	1.3E-05	C							1	0.1		Dihydrosafrole	94-58-6	1.1E+01	c	3.9E+01	c	1.9E-01	c	9.4E-01	c	1.5E+00	c		1.9E-03	
						7.0E-01	P	V		1		2.3E+03	Diisopropyl Ether	108-20-3	2.4E+03	ns	1.0E+04	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	
				8.0E-02	I			V		1		5.3E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		8.3E-01	
				2.0E-02	I					1	0.1		Dimethipin	55290-64-7	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.6E-01	
				2.0E-04	I					1	0.1		Dimethoate	60-51-5	1.2E+01	n	1.2E+02	n					7.3E+00	n		1.6E-03	
1.4E-02	H									1	0.1		Dimethoxybenzidine, 3,3'-	119-90-4	3.5E+01	c	1.2E+02	c					4.8E+00	c		5.8E-03	
1.7E-03	P			6.0E-02	P					1	0.1		Dimethyl methylphosphonate	756-79-6	2.9E+02	c*	1.0E+03	c*					4.0E+01	c*		8.3E-03	
4.6E+00	C	1.3E-03	C							1	0.1		Dimethylamino azobenzene [p-]	60-11-7	1.1E-01	c	3.7E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c		6.2E-05	
5.8E-01	H									1	0.1		Dimethylaniline HCl, 2,4-	21436-96-4	8.4E-01	c	3.0E+00	c					1.2E-01	c		6.6E-05	
2.0E-01	P			2.0E-03	X					1	0.1		Dimethylaniline, 2,4-	95-68-1	2.4E+00	c*	8.6E+00	c					3.4E-01	c		1.9E-04	
				2.0E-03	I			V		1		8.3E+02	Dimethylaniline, N,N-	121-69-7	1.6E+02	n	2.0E+03	ns					7.3E+01	n		2.6E-02	
1.1E+01	P									1	0.1		Dimethylbenzidine, 3,3'-	119-93-7	4.4E-02	c	1.6E-01	c					6.1E-03	c		4.0E-05	
				1.0E-01	P	3.0E-02	I			1	0.1		Dimethylformamide	68-12-2	6.1E+03	n	6.2E+04	n	3.1E+01	n	1.3E+02	n	3.7E+03	n		7.4E-01	
				1.0E-04	X	2.0E-06	X			1	0.1		Dimethylhydrazine, 1,1-	57-14-7	6.1E+00	n	6.1E+01	n	2.1E-03	n	8.8E-03	n	3.7E+00	n		8.2E-04	
5.5E+02	C	1.6E-01	C							1	0.1		Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	3.1E-03	c	1.5E-05	c	7.7E-05	c	1.2E-04	c		2.8E-08	
				2.0E-02	I					1	0.1		Dimethylphenol, 2,4-	105-67-9	1.2E+03	n	1.2E+04	n					7.3E+02	n		8.6E-01	
				6.0E-04	I					1	0.1		Dimethylphenol, 2,6-	576-26-1	3.7E+01	n	3.7E+02	n					2.2E+01	n		2.6E-02	
				1.0E-03	I					1	0.1		Dimethylphenol, 3,4-	95-65-8	6.1E+01	n	6.2E+02	n					3.7E+01	n		4.3E-02	
				1.0E-01	I			V		1		5.5E+00	Dimethylterephthalate	120-61-6	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		9.6E-01	
4.5E-02	C	1.3E-05	C							1	0.1		Dimethylvinylchloride	513-37-1	1.1E+01	c	3.8E+01	c	1.9E-01	c	9.4E-01	c	1.5E+00	c		9.2E-04	
				8.0E-05	X					1	0.1		Dinitro-o-cresol, 4,6-	534-52-1	4.9E+00	n	4.9E+01	n					2.9E+00	n		5.0E-03	
				2.0E-03	I					1	0.1		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.2E+02	n	1.2E+03	n					7.3E+01	n		2.4E+00	

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,2-	528-29-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
				1.0E-04	I					1	0.1		Dinitrobenzene, 1,3-	99-65-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,4-	100-25-4	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
				2.0E-03	I					1	0.1		Dinitrophenol, 2,4-	51-28-5	1.2E+02	n	1.2E+03	n					7.3E+01	n		8.2E-02	
6.8E-01	I									1	0.1		Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	7.2E-01	c	2.5E+00	c					9.9E-02	c		1.4E-04	
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		Dinitrotoluene, 2,4-	121-14-2	1.6E+00	c*	5.5E+00	c	2.7E-02	c	1.4E-01	c	2.2E-01	c		2.9E-04	
				1.0E-03	P					1	0.099		Dinitrotoluene, 2,6-	606-20-2	6.1E+01	n	6.2E+02	n					3.7E+01	n		5.0E-02	
				2.0E-03	S					1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.0E+03	n					7.3E+01	n		5.6E-02	
				2.0E-03	S					1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	1.9E+03	n					7.3E+01	n		5.6E-02	
				1.0E-03	I					1	0.1		Dinoseb	88-85-7	6.1E+01	n	6.2E+02	n					3.7E+01	n	7.0E+00	3.2E-01	6.2E-02
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		Dioxane, 1,4-	123-91-1	4.9E+00	c	1.7E+01	c	3.2E-01	c	1.6E+00	c	6.7E-01	c		1.4E-04	
													Dioxins														
6.2E+03	I	1.3E+00	I							1	0.03		~Hexachlorodibenzo-p-dioxin, Mixture	NA	9.4E-05	c	3.9E-04	c	1.9E-06	c	9.4E-06	c	1.1E-05	c		1.5E-05	
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03		~TCDD, 2,3,7,8-	1746-01-6	4.5E-06	c*	1.8E-05	c*	6.4E-08	c	3.2E-07	c	5.2E-07	c*	3.0E-05	2.6E-07	1.5E-05
				3.0E-02	I					1	0.1		Diphenamid	957-51-7	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.1E+01	
				8.0E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	4.9E+01	n	4.9E+02	n					2.9E+01	n		7.1E-02	
				2.5E-02	I					1	0.1		Diphenylamine	122-39-4	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.7E+00	
8.0E-01	I	2.2E-04	I							1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.1E-01	c	2.2E+00	c	1.1E-02	c	5.6E-02	c	8.4E-02	c		2.7E-04	
				2.2E-03	I					1	0.1		Diquat	85-00-7	1.3E+02	n	1.4E+03	n					8.0E+01	n	2.0E+01	1.5E+00	3.7E-01
7.4E+00	C	2.1E-03	C							1	0.1		Direct Black 38	1937-37-7	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		4.4E+00	
7.4E+00	C	2.1E-03	C							1	0.1		Direct Blue 6	2602-46-2	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		1.4E+01	
6.7E+00	C	1.9E-03	C							1	0.1		Direct Brown 95	16071-86-6	7.3E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c			
				4.0E-05	I					1	0.1		Disulfoton	298-04-4	2.4E+00	n	2.5E+01	n					1.5E+00	n		2.7E-03	
				1.0E-02	I					1	0.1		Dithiane, 1,4-	505-29-3	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.8E-01	
				2.0E-03	I					1	0.1		Diuron	330-54-1	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.1E-02	
				4.0E-03	I					1	0.1		Dodine	2439-10-3	2.4E+02	n	2.5E+03	n					1.5E+02	n		7.5E-01	
				2.5E-02	I			V		1		4.1E+02	EPTC	759-94-4	2.0E+03	ns	2.6E+04	ns					9.1E+02	n		4.8E-01	
				6.0E-03	I					1	0.1		Endosulfan	115-29-7	3.7E+02	n	3.7E+03	n					2.2E+02	n		3.0E+00	
				2.0E-02	I					1	0.1		Endothall	145-73-3	1.2E+03	n	1.2E+04	n					7.3E+02	n	1.0E+02	1.7E-01	2.4E-02
				3.0E-04	I					1	0.1		Endrin	72-20-8	1.8E+01	n	1.8E+02	n					1.1E+01	n	2.0E+00	4.4E-01	8.1E-02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	Epichlorohydrin	106-89-8	2.0E+01	n	8.8E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.5E-04	
						2.0E-02	I	V		1		1.5E+04	Epoxybutane, 1,2-	106-88-7	1.7E+02	n	7.2E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		9.2E-03	
				5.0E-03	I					1	0.1		Ethephon	16672-87-0	3.1E+02	n	3.1E+03	n					1.8E+02	n		3.8E-02	
				5.0E-04	I					1	0.1		Ethion	563-12-2	3.1E+01	n	3.1E+02	n					1.8E+01	n		3.6E-02	
				1.0E-01	P	6.0E-02	P			1	0.1		Ethoxyethanol Acetate, 2-	111-15-9	6.1E+03	n	6.2E+04	n	6.3E+01	n	2.6E+02	n	3.7E+03	n		7.6E-01	
				4.0E-01	H	2.0E-01	I			1	0.1		Ethoxyethanol, 2-	110-80-5	2.4E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	1.5E+04	n		2.9E+00	
				9.0E-01	I			V		1		1.1E+04	Ethyl Acetate	141-78-6	7.0E+04	ns	9.2E+05	nms					3.3E+04	n		7.0E+00	
4.8E-02	H							V		1		2.5E+03	Ethyl Acrylate	140-88-5	1.3E+01	c	6.0E+01	c					1.4E+00	c		3.1E-04	
						1.0E+01	I	V		1		2.1E+03	Ethyl Chloride	75-00-3	1.5E+04	ns	6.1E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n		5.9E+00	
				2.0E-01	I			V		1		1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.0E+05	nms					7.3E+03	n		1.6E+00	
				9.0E-02	H	3.0E-01	P	V		1		1.1E+03	Ethyl Methacrylate	97-63-2	1.5E+03	ns	7.5E+03	ns	3.1E+02	n	1.3E+03	n	5.3E+02	n		1.2E-01	
				1.0E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.1E-01	n	6.2E+00	n					3.7E-01	n		1.1E-02	
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	Ethylbenzene	100-41-4	5.4E+00	c	2.7E+01	c	9.7E-01	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.7E-03	7.8E-01
				3.0E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.2E-01	
				9.0E-02	P					1	0.1		Ethylene Diamine	107-15-3	5.5E+03	n	5.5E+04	n					3.3E+03	n		7.5E-01	
				2.0E+00	I	4.0E-01	C			1	0.1		Ethylene Glycol	107-21-1	1.2E+05	nm	1.2E+06	nm	4.2E+02	n	1.8E+03	n	7.3E+04	n		1.5E+01	
				1.0E-01	I	1.6E+00	I			1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.1E+03	n	6.2E+04	n	1.7E+03	n	7.0E+03	n	3.7E+03	n		7.5E-01	
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	Ethylene Oxide	75-21-8	1.7E-01	c	8.3E-01	c	2.8E-02	c	1.4E-01	c	4.4E-02	c		9.1E-06	
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		Ethylene Thiourea	96-45-7	4.9E+00	n	3.8E+01	c**	1.9E-01	c	9.4E-01	c	1.5E+00	c**		3.4E-04	
6.5E+01	C	1.9E-02	C							1	0.1		Ethyleneimine	151-56-4	7.5E-03	c	2.7E-02	c	1.3E-04	c	6.5E-04	c	1.0E-03	c		2.3E-07	
				3.0E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.8E+05	nm	1.8E+06	nm					1.1E+05	n		2.5E+02	
				8.0E-03	I					1	0.1		Express	101200-48-0	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.1E-01	
				2.5E-04	I					1	0.1		Fenamiphos	22224-92-6	1.5E+01	n	1.5E+02	n					9.1E+00	n		9.1E-03	
				2.5E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.5E+03	n	1.5E+04	n					9.1E+02	n		4.1E+01	
				1.3E-02	I					1	0.1		Fluometuron	2164-17-2	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.7E-01	
				4.0E-02	C	1.3E-02	C			1			Fluoride	16984-48-8	3.1E+03	n	4.1E+04	n	1.4E+01	n	5.7E+01	n	1.5E+03	n		2.2E+02	
				6.0E-02	I	1.3E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	n	6.1E+04	n	1.4E+01	n	5.7E+01	n	2.2E+03	n	4.0E+03	3.3E+02	6.0E+02
				8.0E-02	I					1	0.1		Fluridone	59756-60-4	4.9E+03	n	4.9E+04	n					2.9E+03	n		3.3E+02	
				2.0E-02	I					1	0.1		Flurprimidol	56425-91-3	1.2E+03	n	1.2E+04	n					7.3E+02	n		3.3E+00	
				6.0E-02	I					1	0.1		Flutolanil	66332-96-5	3.7E+03	n	3.7E+04	n					2.2E+03	n		1.2E+01	
				1.0E-02	I					1	0.1		Fluvalinate	69409-94-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		5.3E+02	
3.5E-03	I			1.0E-01	I					1	0.1		Folpet	133-07-3	1.4E+02	c*	4.9E+02	c					1.9E+01	c		4.5E-03	
1.9E-01	I									1	0.1		Fomesafen	72178-02-0	2.6E+00	c	9.1E+00	c					3.5E-01	c		1.2E-03	
				2.0E-03	I					1	0.1		Fonofos	944-22-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.4E-01	
		1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1		Formaldehyde	50-00-0	1.2E+04	n	1.2E+05	nm	1.9E-01	c*	9.4E-01	c*	7.3E+03	n		1.5E+00	

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				9.0E-01	P	3.0E-04	X			1	0.1		Formic Acid	64-18-6	4.9E+04	n	4.2E+05	nm	3.1E-01	n	1.3E+00	n	3.3E+04	n		6.6E+00	
				3.0E+00	I					1	0.1		Fosetyl-AL	39148-24-8	1.8E+05	nm	1.8E+06	nm					1.1E+05	n			
													Furans														
				1.0E-03	X			V		1		1.7E+02	~Dibenzofuran	132-64-9	7.8E+01	n	1.0E+03	ns					3.7E+01	n		6.8E-01	
				1.0E-03	I			V		1		6.2E+03	~Furan	110-00-9	7.8E+01	n	1.0E+03	n					3.7E+01	n		1.4E-02	
3.8E+00	H									1	0.1		Furazolidone	67-45-8	1.3E-01	c	4.5E-01	c					1.8E-02	c		3.4E-05	
				3.0E-03	I	5.0E-02	H			1	0.1		Furfural	98-01-1	1.8E+02	n	1.8E+03	n	5.2E+01	n	2.2E+02	n	1.1E+02	n		2.3E-02	
1.5E+00	C	4.3E-04	C							1	0.1		Furium	531-82-8	3.2E-01	c	1.1E+00	c	5.7E-03	c	2.9E-02	c	4.5E-02	c		6.1E-05	
3.0E-02	I	8.6E-06	C							1	0.1		Furmecyclox	60568-05-0	1.6E+01	c	5.7E+01	c	2.8E-01	c	1.4E+00	c	2.2E+00	c		2.4E-03	
				4.0E-04	I					1	0.1		Glufosinate, Ammonium	77182-82-2	2.4E+01	n	2.5E+02	n					1.5E+01	n		3.2E-03	
						8.0E-05	C			1	0.1		Glutaraldehyde	111-30-8	1.1E+05	nm	4.8E+05	nm	8.3E-02	n	3.5E-01	n					
				4.0E-04	I	1.0E-03	H			1	0.1		Glycidyl	765-34-4	2.4E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	1.5E+01	n		2.9E-03	
				1.0E-01	I					1	0.1		Glyphosate	1071-83-6	6.1E+03	n	6.2E+04	n					3.7E+03	n	7.0E+02	7.4E-01	1.4E-01
				3.0E-03	I					1	0.1		Goal	42874-03-3	1.8E+02	n	1.8E+03	n					1.1E+02	n		8.8E+00	
				3.0E-03	A	1.0E-02	A			1	0.1		Guthion	86-50-0	1.8E+02	n	1.8E+03	n	1.0E+01	n	4.4E+01	n	1.1E+02	n		3.3E-02	
				5.0E-05	I					1	0.1		Haloxyfop, Methyl	69806-40-2	3.1E+00	n	3.1E+01	n					1.8E+00	n		2.0E-02	
				1.3E-02	I					1	0.1		Harmony	79277-27-3	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.4E-01	
4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1		Heptachlor	76-44-8	1.1E-01	c	3.8E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c	4.0E-01	1.2E-03	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		Heptachlor Epoxide	1024-57-3	5.3E-02	c*	1.9E-01	c*	9.4E-04	c	4.7E-03	c	7.4E-03	c*	2.0E-01	1.5E-04	4.1E-03
				2.0E-03	I					1	0.1		Hexabromobenzene	87-82-1	1.2E+02	n	1.2E+03	n					7.3E+01	n		4.2E-01	
				2.0E-04	I					1	0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.2E+01	n	1.2E+02	n					7.3E+00	n			
1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		Hexachlorobenzene	118-74-1	3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c	1.0E+00	5.3E-04	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		Hexachlorobutadiene	87-68-3	6.2E+00	c**	2.2E+01	c*	1.1E-01	c	5.6E-01	c	8.6E-01	c*		1.7E-03	
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		Hexachlorocyclohexane, Alpha-	319-84-6	7.7E-02	c	2.7E-01	c	1.4E-03	c	6.8E-03	c	1.1E-02	c		6.2E-05	
1.8E+00	I	5.3E-04	I							1	0.1		Hexachlorocyclohexane, Beta-	319-85-7	2.7E-01	c	9.6E-01	c	4.6E-03	c	2.3E-02	c	3.7E-02	c		2.2E-04	
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	5.2E-01	c*	2.1E+00	c	7.8E-03	c	4.0E-02	c	6.1E-02	c	2.0E-01	3.6E-04	1.2E-03
1.8E+00	I	5.1E-04	I							1	0.1		Hexachlorocyclohexane, Technical	608-73-1	2.7E-01	c	9.6E-01	c	4.8E-03	c	2.4E-02	c	3.7E-02	c		2.2E-04	
				6.0E-03	I	2.0E-04	I			1	0.1		Hexachlorocyclopentadiene	77-47-4	3.7E+02	n	3.7E+03	n	2.1E-01	n	8.8E-01	n	2.2E+02	n	5.0E+01	6.8E-01	1.6E-01
1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1		Hexachloroethane	67-72-1	3.5E+01	c**	1.2E+02	c**	6.1E-01	c	3.1E+00	c	4.8E+00	c**		2.9E-03	
				3.0E-04	I					1	0.1		Hexachlorophene	70-30-4	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.5E+01	
1.1E-01	I			3.0E-03	I					1	0.015		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	5.6E+00	c*	2.4E+01	c					6.1E-01	c		2.3E-04	
						1.0E-05	I	V		1		5.2E+03	Hexamethylene Diisocyanate, 1,6-	822-06-0	3.4E+00	n	1.4E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		2.1E-04	
				6.0E-02	H	7.0E-01	I	V		1		1.4E+02	Hexane, N-	110-54-3	5.7E+02	ns	2.6E+03	ns	7.3E+02	n	3.1E+03	n	8.8E+02	n		6.2E+00	
				2.0E+00	P					1	0.1		Hexanedioic Acid	124-04-9	1.2E+05	nm	1.2E+06	nm					7.3E+04	n		1.8E+01	
				5.0E-03	I	3.0E-02	I	V		1		3.3E+03	Hexanone, 2-	591-78-6	2.1E+02	n	1.4E+03	n	3.1E+01	n	1.3E+02	n	4.7E+01	n		1.1E-02	
				3.3E-02	I					1	0.1		Hexazinone	51235-04-2	2.0E+03	n	2.0E+04	n					1.2E+03	n		5.5E-01	
3.0E+00	I	4.9E-03	I			3.0E-05	P			1			Hydrazine	302-01-2	2.1E-01	c	9.5E-01	c	5.0E-04	c*	2.5E-03	c*	2.2E-02	c			
3.0E+00	I	4.9E-03	I							1			Hydrazine Sulfate	10034-93-2	2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c			
						2.0E-02	I			1			Hydrogen Chloride	7647-01-0	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n					
				4.0E-02	C	1.4E-02	C			1			Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.1E+04	n	1.5E+01	n	6.1E+01	n	1.5E+03	n			
						2.0E-03	I			1			Hydrogen Sulfide	7783-06-4	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n					
6.0E-02	P			4.0E-02	P					1	0.1		Hydroquinone	123-31-9	8.1E+00	c	2.9E+01	c					1.1E+00	c		7.6E-04	
				1.3E-02	I					1	0.1		Imazalil	35554-44-0	7.9E+02	n	8.0E+03	n					4.7E+02	n		8.2E+00	
				2.5E-01	I					1	0.1		Imazaquin	81335-37-7	1.5E+04	n	1.5E+05	nm					9.1E+03	n		4.5E+01	
				1.0E-02	A					1			Iodine	7553-56-2	7.8E+02	n	1.0E+04	n					3.7E+02	n		2.2E+01	
				4.0E-02	I					1	0.1		Iprodione	36734-19-7	2.4E+03	n	2.5E+04	n					1.5E+03	n		4.5E-01	
				7.0E-01	P					1			Iron	7439-89-6	5.5E+04	n	7.2E+05	nm					2.6E+04	n		6.4E+02	
				3.0E-01	I			V		1		1.0E+04	Isobutyl Alcohol	78-83-1	2.3E+04	ns	3.1E+05	nms					1.1E+04	n		2.3E+00	
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		Isophorone	78-59-1	5.1E+02	c*	1.8E+03	c*	2.1E+03	n	8.8E+03	n	7.1E+01	c		2.3E-02	
				1.5E-02	I					1	0.1		Isopropalin	33820-53-0	9.2E+02	n	9.2E+03	n					5.5E+02	n		1.3E+01	
						7.0E+00	C			1	0.1		Isopropanol	67-63-0	9.9E+09	nm	4.2E+10	nm	7.3E+03	n	3.1E+04	n					
				1.0E-01	I					1	0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.1E+03	n	6.2E+04	n					3.7E+03	n		7.9E-01	
				5.0E-02	I					1	0.1		Isoxaben	82558-50-7	3.1E+03	n	3.1E+04	n					1.8E+03	n		5.0E+00	
						3.0E-01	A	V		1			JP-7	NA	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n			
				7.5E-02	I					1	0.1		Kerb	23950-58-5	4.6E+03	n	4.6E+04	n					2.7E+03	n		2.8E+00	
				2.0E-03	I					1	0.1		Lactofen	77501-63-4	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.4E+00	
													Lead Compounds														
2.8E-01	C	8.0E-05	C							1	0.1		~Lead acetate	301-04-2	1.7E+00	c	6.2E+00	c	3.0E-02	c	1.5E-01	c	2.4E-01	c			
										1			~Lead and Compounds	7439-92-1	4.0E+02	n	8.0E+02	n							1.5E+01		1.4E+01
3.8E-02	C	1.1E-05	C							1	0.1		~Lead subacetate	1335-32-6	1.3E+01	c	4.5E+01	c	2.2E-01	c	1.1E+00	c	1.8E+00	c			
				1.0E-07	I					1	0.1		~Tetraethyl Lead	78-00-2	6.1E-03	n	6.2E-02	n					3.7E-03	n		1.3E-05	
				2.0E-03	I					1	0.1		Linuron	330-55-2	1.2E+02	n	1.2E+03	n					7.3E+01	n		6.4E-02	
				2.0E-03	P					1			Lithium	7439-93-2	1.6E+02	n	2.0E+03	n					7.3E+01	n		2.2E+01	
				2.0E-01	I					1	0.1		Londax	83055-99-6	1.2E+04	n	1.2E+05	nm					7.3E+03	n		1.9E+00	
				5.0E-04	I					1	0.1		MCPA	94-74-6	3.1E+01	n	3.1E+02	n					1.8E+01	n		4.7E-03	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				1.0E-02	I					1	0.1		MCPB	94-81-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.4E-01	
				1.0E-03	I					1	0.1		MCPP	93-65-2	6.1E+01	n	6.2E+02	n					3.7E+01	n		1.1E-02	
				2.0E-02	I					1	0.1		Malathion	121-75-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.9E-01	
				1.0E-01	I	7.0E-04	C			1	0.1		Maleic Anhydride	108-31-6	6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	3.7E+03	n		7.4E-01	
				5.0E-01	I					1	0.1		Maleic Hydrazide	123-33-1	3.1E+04	n	3.1E+05	nm					1.8E+04	n		3.8E+00	
				1.0E-04	P					1	0.1		Malononitrile	109-77-3	6.1E+00	n	6.2E+01	n					3.7E+00	n		7.5E-04	
				3.0E-02	H					1	0.1		Mancozeb	8018-01-7	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.5E+00	
				5.0E-03	I					1	0.1		Maneb	12427-38-2	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
				1.4E-01	I	5.0E-05	I			1			Manganese (Diet)	7439-96-5													
				2.4E-02	S	5.0E-05	I			0.04			Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.3E+04	n	5.2E-02	n	2.2E-01	n	8.8E+02	n		5.7E+01	
				9.0E-05	H					1	0.1		Mephosfolan	950-10-7	5.5E+00	n	5.5E+01	n					3.3E+00	n		4.8E-03	
				3.0E-02	I					1	0.1		Mepiquat Chloride	24307-26-4	1.8E+03	n	1.8E+04	n					1.1E+03	n		3.6E-01	
													Mercury Compounds														
				3.0E-04	I	3.0E-05	C			0.07			~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+01	n	3.1E+02	n	3.1E-02	n	1.3E-01	n	1.1E+01	n	2.0E+00		
						3.0E-04	I	V		1		3.1E+00	~Mercury (elemental)	7439-97-6	1.0E+01	ns	4.3E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00	3.3E-02	1.0E-01
				1.0E-04	I					1			~Methyl Mercury	22967-92-6	7.8E+00	n	1.0E+02	n					3.7E+00	n			
				8.0E-05	I					1	0.1		~Phenylmercuric Acetate	62-38-4	4.9E+00	n	4.9E+01	n					2.9E+00	n		9.1E-04	
				3.0E-05	I					1	0.1		Merphos	150-50-5	1.8E+00	n	1.8E+01	n					1.1E+00	n		1.1E-01	
				3.0E-05	I					1	0.1		Merphos Oxide	78-48-8	1.8E+00	n	1.8E+01	n					1.1E+00	n		5.4E-03	
				6.0E-02	I					1	0.1		Metalaxyl	57837-19-1	3.7E+03	n	3.7E+04	n					2.2E+03	n		6.1E-01	
				1.0E-04	I	7.0E-04	H	V		1		4.6E+03	Methacrylonitrile	126-98-7	3.2E+00	n	1.8E+01	n	7.3E-01	n	3.1E+00	n	1.0E+00	n		2.4E-04	
				5.0E-05	I					1	0.1		Methamidophos	10265-92-6	3.1E+00	n	3.1E+01	n					1.8E+00	n		3.8E-04	
				5.0E-01	I	4.0E+00	C			1	0.1		Methanol	67-56-1	3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n	1.8E+04	n		3.7E+00	
				1.0E-03	I					1	0.1		Methidathion	950-37-8	6.1E+01	n	6.2E+02	n					3.7E+01	n		8.9E-03	
				2.5E-02	I					1	0.1		Methomyl	16752-77-5	1.5E+03	n	1.5E+04	n					9.1E+02	n		2.0E-01	
4.9E-02	C	1.4E-05	C							1	0.1		Methoxy-5-nitroaniline, 2-	99-59-2	9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c	1.4E+00	c		4.7E-04	
				5.0E-03	I					1	0.1		Methoxychlor	72-43-5	3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	9.9E+00	2.2E+00
				8.0E-03	P	1.0E-03	P			1	0.1		Methoxyethanol Acetate, 2-	110-49-6	4.9E+02	n	4.9E+03	n	1.0E+00	n	4.4E+00	n	2.9E+02	n		6.0E-02	
				5.0E-03	P	2.0E-02	I			1	0.1		Methoxyethanol, 2-	109-86-4	3.1E+02	n	3.1E+03	n	2.1E+01	n	8.8E+01	n	1.8E+02	n		3.7E-02	
				1.0E+00	X			V		1		2.9E+04	Methyl Acetate	79-20-9	7.8E+04	ns	1.0E+06	nms					3.7E+04	n		7.5E+00	
				3.0E-02	H			V		1		6.8E+03	Methyl Acrylate	96-33-3	2.3E+03	n	3.1E+04	ns					1.1E+03	n		2.3E-01	
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.8E+04	n	2.0E+05	nms	5.2E+03	n	2.2E+04	n	7.1E+03	n		1.5E+00	
		1.0E-03	X	1.0E-03	P	2.0E-05	X			1	0.1		Methyl Hydrazine	60-34-4	6.1E+01	n	6.1E+02	n	2.4E-03	c**	1.2E-02	c**	3.7E+01	n		8.3E-03	
				8.0E-02	H	3.0E+00	I	V		1		3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.3E+03	ns	5.3E+04	ns	3.1E+03	n	1.3E+04	n	2.0E+03	n		4.5E-01	
						1.0E-03	C			1	0.1		Methyl Isocyanate	624-83-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n					
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	Methyl Methacrylate	80-62-6	4.8E+03	ns	2.1E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.1E-01	
				2.5E-04	I					1	0.1		Methyl Parathion	298-00-0	1.5E+01	n	1.5E+02	n					9.1E+00	n		1.5E-02	
				6.0E-02	X					1	0.1		Methyl Phosphonic Acid	993-13-5	3.7E+03	n	3.7E+04	n					2.2E+03	n		4.4E-01	
				6.0E-03	H	4.0E-02	H	V		1		3.8E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	2.5E+02	n	1.6E+03	ns	4.2E+01	n	1.8E+02	n	6.0E+01	n		9.7E-02	
9.9E-02	C	2.8E-05	C							1	0.1		Methyl methanesulfonate	66-27-3	4.9E+00	c	1.7E+01	c	8.7E-02	c	4.4E-01	c	6.8E-01	c		1.4E-04	
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	c	2.2E+02	c	9.4E+00	c	4.7E+01	c	1.2E+01	c		2.8E-03	
				2.0E-04	X					1	0.1		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.2E+01	n	1.2E+02	n					7.3E+00	n			
9.0E-03	P			2.0E-02	X					1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	5.4E+01	c*	1.9E+02	c*					7.5E+00	c*		4.2E-03	
8.3E+00	C	2.4E-03	C							1	0.1		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	5.9E-02	c	2.1E-01	c	1.0E-03	c	5.1E-03	c	8.1E-03	c		2.8E-06	
1.3E-01	C	3.7E-05	C							1	0.1		Methylaniline Hydrochloride, 2-	636-21-5	3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c	5.2E-01	c		2.2E-04	
				1.0E-02	A					1	0.1		Methylarsonic acid	124-58-3	6.1E+02	n	6.2E+03	n					3.7E+02	n			
				2.0E-04	X					1	0.1		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	1.2E+01	n	1.2E+02	n					7.3E+00	n			
				2.0E-04	X					1	0.1		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.2E+01	n	1.2E+02	n					7.3E+00	n			
2.2E+01	C	6.3E-03	C						M	1	0.1		Methylcholanthrene, 3-	56-49-5	5.2E-03	c	7.8E-02	c	1.5E-04	c	1.9E-03	c	9.8E-04	c		1.9E-03	
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		1		3.3E+03	Methylene Chloride	75-09-2	1.1E+01	c	5.3E+01	c	5.2E+00	c	2.6E+01	c	4.8E+00	c	5.0E+00	1.2E-03	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.2E+00	c	1.7E+01	c*	2.2E-03	c	2.9E-02	c	2.2E-01	c		2.5E-03	
4.6E-02	I	1.3E-05	C							1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.1E+01	c	3.7E+01	c	1.9E-01	c	9.4E-01	c	1.5E+00	c		8.1E-03	
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		Methylenebisbenzenamine, 4,4'-	101-77-9	3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c		1.9E-04	
						6.0E-04	I			1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
				7.0E-02	H			V		1		5.0E+02	Methylstyrene, Alpha-	98-83-9	5.5E+03	ns	7.2E+04	ns					2.6E+03	n		4.1E+00	
				1.5E-01	I					1	0.1		Metolachlor	51218-45-2	9.2E+03	n	9.2E+04	n					5.5E+03	n		6.4E+00	
				2.5E-02	I					1	0.1		Metribuzin	21087-64-9	1.5E+03	n	1.5E+04	n					9.1E+02	n		2.8E-01	
				3.0E+00	P					1	0.1		Mineral oils	8012-95-1	1.8E+05	nm	1.8E+06	nm					1.1E+05	n		4.3E+03	
1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		Mirex	2385-85-5	2.7E-02	c	9.6E-02	c	4.8E-04	c	2.4E-03	c	3.7E-03	c		2.7E-03	
				2.0E-03	I					1	0.1		Molinate	2212-67-1	1.2E+02	n	1.2E+03	n					7.3E+01	n		4.1E-02	
				5.0E-03	I					1			Molybdenum	7439-98-7	3.9E+02	n	5.1E+03	n					1.8E+02	n		3.7E+00	
				1.0E-01	I					1			Monochloramine	10599-90-3	7.8E+03	n	1.0E+05	nm					3.7E+03	n			
				2.0E-03	P					1	0.1		Monomethylaniline	100-61-8	1.2E+02	n	1.2E+03	n					7.3E+01	n		2.7E-02	
				3.0E-04	X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.1E+00	
				2.0E-03	I					1	0.1		Naled	300-76-5	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.3E-02	

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				3.0E-02	X	1.0E-01	P	V		1			Naphtha, High Flash Aromatic (HFAN)	64724-95-6	2.3E+03	n	3.1E+04	n	1.0E+02	n	4.4E+02	n	1.8E+02	n			
1.8E+00	C	0.0E+00	C							1	0.1		Naphthylamine, 2-	91-59-8	2.7E-01	c	9.6E-01	c					3.7E-02	c		1.9E-04	
				1.0E-01	I					1	0.1		Napropamide	15299-99-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		2.4E+01	
				5.0E-02	C	5.0E-05	C			0.04			Nickel Carbonyl	13463-39-3	3.7E+03	n	4.4E+04	n	5.2E-02	n	2.2E-01	n	1.8E+03	n			
				5.0E-02	C	1.0E-04	C			1			Nickel Oxide	1313-99-1	3.8E+03	n	4.7E+04	n	1.0E-01	n	4.4E-01	n	1.8E+03	n			
		2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04			Nickel Refinery Dust	NA	3.7E+03	n	4.4E+04	n	1.0E-02	c**	5.1E-02	c**	1.8E+03	n		2.7E+02	
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.0E+04	n	9.4E-03	c*	4.7E-02	c**	7.3E+02	n		4.8E+01	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			Nickel Subsulfide	12035-72-2	3.8E-01	c	1.7E+00	c	5.1E-03	c*	2.6E-02	c**	4.0E-02	c			
				1.6E+00	I					1			Nitrate	14797-55-8	1.3E+05	nm	1.6E+06	nm					5.8E+04	n	1.0E+04		
				1.0E-01	I					1			Nitrite	14797-65-0	7.8E+03	n	1.0E+05	nm					3.7E+03	n	1.0E+03		
				1.0E-02	X	5.0E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.1E+02	n	6.0E+03	n	5.2E-02	n	2.2E-01	n	3.7E+02	n		1.5E-01	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.4E+01	c*	8.6E+01	c*	6.3E+00	n	2.6E+01	n	3.4E+00	c*		1.4E-03	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	Nitrobenzene	98-95-3	4.8E+00	c*	2.4E+01	c*	6.1E-02	c	3.1E-01	c	1.2E-01	c		7.9E-05	
				3.0E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.8E+08	nm	1.8E+09	nm					1.1E+08	n		2.4E+04	
				7.0E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.3E+03	n	4.3E+04	n					2.6E+03	n		1.1E+00	
1.3E+00	C	3.7E-04	C							1	0.1		Nitrofurazone	59-87-0	3.7E-01	c	1.3E+00	c	6.6E-03	c	3.3E-02	c	5.2E-02	c		4.7E-05	
1.7E-02	P			1.0E-04	P					1	0.1		Nitroglycerin	55-63-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		1.6E-03	
				1.0E-01	I					1	0.1		Nitroguanidine	556-88-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		8.8E-01	
		9.0E-06	P			2.0E-02	P	V		1		1.8E+04	Nitromethane	75-52-5	4.9E+00	c*	2.5E+01	c*	2.7E-01	c*	1.4E+00	c*	5.4E-01	c*		1.2E-04	
		2.7E-03	H			2.0E-02	I	V		1		4.9E+03	Nitropropane, 2-	79-46-9	1.3E-02	c	6.4E-02	c	9.0E-04	c	4.5E-03	c	1.8E-03	c		4.7E-07	
2.7E+01	C	7.7E-03	C						M	1	0.1		Nitroso-N-ethylurea, N-	759-73-9	4.3E-03	c	6.4E-02	c	1.2E-04	c	1.6E-03	c	8.0E-04	c		1.9E-07	
1.2E+02	C	3.4E-02	C						M	1	0.1		Nitroso-N-methylurea, N-	684-93-5	9.6E-04	c	1.4E-02	c	2.8E-05	c	3.6E-04	c	1.8E-04	c		4.0E-08	
5.4E+00	I	1.6E-03	I					V		1		7.1E+03	Nitroso-di-N-butylamine, N-	924-16-3	8.7E-02	c	4.0E-01	c	1.5E-03	c	7.7E-03	c	2.4E-03	c		5.0E-06	
7.0E+00	I	2.0E-03	C							1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	6.9E-02	c	2.5E-01	c	1.2E-03	c	6.1E-03	c	9.6E-03	c		7.2E-06	
2.8E+00	I	8.0E-04	C							1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.7E-01	c	6.2E-01	c	3.0E-03	c	1.5E-02	c	2.4E-02	c		4.9E-06	
1.5E+02	I	4.3E-02	I						M	1	0.1		Nitrosodiethylamine, N-	55-18-5	7.7E-04	c	1.1E-02	c	2.2E-05	c	2.9E-04	c	1.4E-04	c		5.3E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	1	0.1		Nitrosodimethylamine, N-	62-75-9	2.3E-03	c	3.4E-02	c	6.9E-05	c	8.8E-04	c	4.2E-04	c		1.0E-07	
4.9E-03	I	2.6E-06	C							1	0.1		Nitrosodiphenylamine, N-	86-30-6	9.9E+01	c	3.5E+02	c	9.4E-01	c	4.7E+00	c	1.4E+01	c		7.5E-02	
2.2E+01	I	6.3E-03	C							1	0.1		Nitrosomethylethylamine, N-	10595-95-6	2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.1E-03	c		8.8E-07	
6.7E+00	C	1.9E-03	C							1	0.1		Nitrosomorpholine [N-]	59-89-2	7.3E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c		2.5E-06	
9.4E+00	C	2.7E-03	C							1	0.1		Nitrosopiperidine [N-]	100-75-4	5.2E-02	c	1.8E-01	c	9.0E-04	c	4.5E-03	c	7.2E-03	c		3.8E-06	
2.1E+00	I	6.1E-04	I							1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.3E-01	c	8.2E-01	c	4.0E-03	c	2.0E-02	c	3.2E-02	c		1.2E-05	
				1.0E-04	X					1	0.1		Nitrotoluene, m-	99-08-1	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.4E-03	
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	Nitrotoluene, o-	88-72-2	2.9E+00	c*	1.3E+01	c*					3.1E-01	c		2.9E-04	
1.6E-02	P			4.0E-03	P					1	0.1		Nitrotoluene, p-	99-99-0	3.0E+01	c**	1.1E+02	c*					4.2E+00	c*		3.9E-03	
				3.0E-04	X	2.0E-01	P	V		1		6.9E+00	Nonane, n-	111-84-2	2.1E+01	ns	2.3E+02	ns	2.1E+02	n	8.8E+02	n	1.1E+01	n		1.5E-01	
				4.0E-02	I					1	0.1		Norflurazon	27314-13-2	2.4E+03	n	2.5E+04	n					1.5E+03	n		9.4E+00	
				7.0E-04	I					1	0.1		Nustar	85509-19-9	4.3E+01	n	4.3E+02	n					2.6E+01	n		4.1E+00	
				3.0E-03	I					1	0.1		Octabromodiphenyl Ether	32536-52-0	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.2E+01	
				5.0E-02	I					1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0	3.8E+03	n	4.9E+04	n					1.8E+03	n		2.3E+00	
				2.0E-03	H					1	0.1		Octamethylpyrophosphoramide	152-16-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.8E-02	
				5.0E-02	I					1	0.1		Oryzalin	19044-88-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		3.4E+00	
				5.0E-03	I					1	0.1		Oxadiazon	19666-30-9	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.9E+00	
				2.5E-02	I					1	0.1		Oxamyl	23135-22-0	1.5E+03	n	1.5E+04	n					9.1E+02	n	2.0E+02	2.0E-01	4.4E-02
				1.3E-02	I					1	0.1		Paclobutrazol	76738-62-0	7.9E+02	n	8.0E+03	n					4.7E+02	n		9.7E-01	
				4.5E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.7E+02	n	2.8E+03	n					1.6E+02	n		2.3E+00	
				6.0E-03	H					1	0.1		Parathion	56-38-2	3.7E+02	n	3.7E+03	n					2.2E+02	n		1.1E+00	
				5.0E-02	H					1	0.1		Pebulate	1114-71-2	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.5E+00	
				4.0E-02	I					1	0.1		Pendimethalin	40487-42-1	2.4E+03	n	2.5E+04	n					1.5E+03	n		1.7E+01	
				2.0E-03	I					1	0.1		Pentabromodiphenyl Ether	32534-81-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.2E+00	
				1.0E-04	I					1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.1E+00	n	6.2E+01	n					3.7E+00	n		1.6E-01	
				8.0E-04	I					1	0.1		Pentachlorobenzene	608-93-5	4.9E+01	n	4.9E+02	n					2.9E+01	n		2.2E-01	
9.0E-02	P									1	0.1		Pentachloroethane	76-01-7	5.4E+00	c	1.9E+01	c					7.5E-01	c		3.6E-04	
2.6E-01	H			3.0E-03	I					1	0.1		Pentachloronitrobenzene	82-68-8	1.9E+00	c*	6.6E+00	c					2.6E-01	c		3.2E-03	
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		Pentachlorophenol	87-86-5	8.9E-01	c	2.7E+00	c	4.8E-01	c	2.4E+00	c	1.7E-01	c	1.0E+00	1.7E-03	1.0E-02
4.0E-03	X			2.0E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.2E+02	c**	4.3E+02	c**					1.7E+01	c**		2.5E-02	
						1.0E+00	P	V		1		3.9E+02	Pentane, n-	109-66-0	8.7E+02	ns	3.7E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		1.0E+01	
													Perchlorates														
				7.0E-04	I					1			~Ammonium Perchlorate	7790-98-9	5.5E+01	n	7.2E+02	n					2.6E+01	n			
				7.0E-04	I					1			~Lithium Perchlorate	7791-03-9	5.5E+01	n	7.2E+02	n					2.6E+01	n			
				7.0E-04	I					1			~Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	7.2E+02	n					2.6E+01	n	1.5E+01(F)		
				7.0E-04	I					1			~Potassium Perchlorate	7778-74-7	5.5E+01	n	7.2E+02	n					2.6E+01	n			
				7.0E-04	I					1			~Sodium Perchlorate	7601-89-0	5.5E+01	n	7.2E+02	n					2.6E+01	n			
				5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.1E+03	n	3.1E+04	n					1.8E+03	n		4.3E+02	
2.2E-03	C	6.3E-07	C							1	0.1		Phenacetin	62-44-2	2.2E+02	c	7.8E+02	c	3.9E+00	c	1.9E+01	c	3.1E+01	c		8.6E-03	

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Toxicity and Chemical-specific Information												Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				2.5E-01	I					1	0.1		Phenmedipham	13684-63-4	1.5E+04	n	1.5E+05	nm					9.1E+03	n		4.9E+01	
				3.0E-01	I	2.0E-01	C			1	0.1		Phenol	108-95-2	1.8E+04	n	1.8E+05	nm	2.1E+02	n	8.8E+02	n	1.1E+04	n		6.3E+00	
				5.0E-04	X					1	0.1		Phenothiazine	92-84-2	3.1E+01	n	3.1E+02	n					1.8E+01	n			
				6.0E-03	I					1	0.1		Phenylenediamine, m-	108-45-2	3.7E+02	n	3.7E+03	n					2.2E+02	n		5.9E-02	
4.7E-02	H									1	0.1		Phenylenediamine, o-	95-54-5	1.0E+01	c	3.7E+01	c					1.4E+00	c		3.8E-04	
				1.9E-01	H					1	0.1		Phenylenediamine, p-	106-50-3	1.2E+04	n	1.2E+05	nm					6.9E+03	n		1.9E+00	
1.9E-03	H									1	0.1		Phenylphenol, 2-	90-43-7	2.5E+02	c	8.9E+02	c					3.5E+01	c		4.7E-01	
				2.0E-04	H					1	0.1		Phorate	298-02-2	1.2E+01	n	1.2E+02	n					7.3E+00	n		8.2E-03	
						3.0E-04	I	V		1		1.6E+03	Phosgene	75-44-5	3.3E-01	n	1.4E+00	n	3.1E-01	n	1.3E+00	n					
				2.0E-02	I					1	0.1		Phosmet	732-11-6	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.6E-01	
													Phosphates, Inorganic														
				4.9E+01	P					1			~Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Diammonium phosphate	7783-28-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Disodium phosphate	7558-79-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Monoaluminum phosphate	13530-50-2	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Monoammonium phosphate	7722-76-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Monosodium phosphate	7558-80-7	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Potassium tripolyphosphate	13845-36-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Sodium tripolyphosphate	7758-29-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Tricalcium phosphate	7758-87-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Trimagnesium phosphate	7757-87-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Tripotassium phosphate	7778-53-2	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				4.9E+01	P					1			~Trisodium phosphate	7601-54-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
				3.0E-04	I	3.0E-04	I			1			Phosphine	7803-51-2	2.3E+01	n	3.1E+02	n	3.1E-01	n	1.3E+00	n	1.1E+01	n			
				4.9E+01	P	1.0E-02	I			1			Phosphoric Acid	7664-38-2	3.0E+06	nm	2.7E+07	nm	1.0E+01	n	4.4E+01	n	1.8E+06	n			
				2.0E-05	I					1			Phosphorus, White	7723-14-0	1.6E+00	n	2.0E+01	n					7.3E-01	n		2.7E-03	
				1.0E+00	H					1	0.1		Phthalic Acid, P-	100-21-0	6.1E+04	n	6.2E+05	nm					3.7E+04	n		1.3E+01	
				2.0E+00	I	2.0E-02	C			1	0.1		Phthalic Anhydride	85-44-9	1.2E+05	nm	1.2E+06	nm	2.1E+01	n	8.8E+01	n	7.3E+04	n		1.6E+01	
				7.0E-02	I					1	0.1		Picloram	1918-02-1	4.3E+03	n	4.3E+04	n					2.6E+03	n	5.0E+02	7.1E-01	1.4E-01
				1.0E-04	X					1	0.1		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.1E+00	n	6.2E+01	n					3.7E+00	n		2.4E-03	
				1.0E-02	I					1	0.1		Pirimiphos, Methyl	29232-93-7	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.5E-01	
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		Polybrominated Biphenyls	59536-65-1	1.6E-02	c*	5.7E-02	c*	2.8E-04	c	1.4E-03	c	2.2E-03	c			
													Polychlorinated Biphenyls (PCBs)														
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14		~Aroclor 1016	12674-11-2	3.9E+00	n	2.1E+01	c**	1.2E-01	c	6.1E-01	c	9.6E-01	c**		9.2E-02	
2.0E+00	S	5.7E-04	S					V		1	0.14	7.6E+02	~Aroclor 1221	11104-28-2	1.4E-01	c	5.4E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.2E-04	
2.0E+00	S	5.7E-04	S					V		1	0.14	7.3E+01	~Aroclor 1232	11141-16-5	1.4E-01	c	5.4E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.2E-04	
2.0E+00	S	5.7E-04	S							1	0.14		~Aroclor 1242	53469-21-9	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		5.3E-03	
2.0E+00	S	5.7E-04	S							1	0.14		~Aroclor 1248	12672-29-6	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		5.2E-03	
2.0E+00	S	5.7E-04	S	2.0E-05	I					1	0.14		~Aroclor 1254	11097-69-1	2.2E-01	c**	7.4E-01	c*	4.3E-03	c	2.1E-02	c	3.4E-02	c*		8.8E-03	
2.0E+00	S	5.7E-04	S							1	0.14		~Aroclor 1260	11096-82-5	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		2.4E-02	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		1.2E-02	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		7.2E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		7.4E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		7.4E-03	
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			1	0.14		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E-04	c*	3.8E-04	c*	2.1E-06	c	1.1E-05	c	1.7E-05	c*		7.2E-06	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.4E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03	
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			1	0.14		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.4E-05	c*	1.1E-04	c*	6.4E-07	c	3.2E-06	c	5.2E-06	c*		1.3E-06	
2.0E+00	I	5.7E-04	I							1	0.14		~Polychlorinated Biphenyls (high risk)	1336-36-3	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c					
4.0E-01	I	1.0E-04	I							1	0.14		~Polychlorinated Biphenyls (low risk)	1336-36-3					2.4E-02	c	1.2E-01	c	1.7E-01	c	5.0E-01	2.6E-02	7.8E-02
7.0E-02	I	2.0E-05	I							1	0.14		~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.2E-01	c	6.1E-01	c					
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			1	0.14		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.4E-02	c*	1.1E-01	c*	6.4E-04	c	3.2E-03	c	5.2E-03	c*		8.1E-04	
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			1	0.14		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-02	c*	3.8E-02	c*	2.1E-04	c	1.1E-03	c	1.7E-03	c*		2.7E-04	
						6.0E-04	I			1	0.1		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
													Polynuclear Aromatic Hydrocarbons (PAHs)														
				6.0E-02	I			V		1	0.13		~Acenaphthene	83-32-9	3.4E+03	n	3.3E+04	n					2.2E+03	n		2.2E+01	
				3.0E-01	I			V		1	0.13		~Anthracene	120-12-7	1.7E+04	n	1.7E+05	nm					1.1E+04	n		3.6E+02	
7.3E-01	E	1.1E-04	C						M	1	0.13		~Benz[a]anthracene	56-55-3	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.0E-02	
1.2E+00	C	1.1E-04	C							1	0.13		~Benzo(j)fluoranthene	205-82-3	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c		6.7E-02	
7.3E+00	I	1.1E-03	C						M	1	0.13		~Benzo[a]pyrene	50-32-8	1.5E-02	c	2.1E-01	c	8.7E-04	c	1.1E-02	c	2.9E-03	c	2.0E-01	3.5E-03	2.4E-01
7.3E-01	E	1.1E-04	C						M	1	0.13		~Benzo[b]fluoranthene	205-99-2	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		3.5E-02	
7.3E-02	E	1.1E-04	C						M	1	0.13		~Benzo[k]fluoranthene	207-08-9	1.5E+00	c	2.1E+01	c	8.7E-03	c	1.1E-01	c	2.9E-01	c		3.5E-01	
7.3E-03	E	1.1E-05	C						M	1	0.13		~Chrysene	218-01-9	1.5E+01	c	2.1E+02	c	8.7E-02	c	1.1E+00	c	2.9E+00	c		1.1E+00	
7.3E+00	E	1.2E-03	C						M	1	0.13		~Dibenz[a,h]anthracene	53-70-3	1.5E-02	c	2.1E-01	c	8.0E-04	c	1.0E-02	c	2.9E-03	c		1.1E-02	
1.2E+01	C	1.1E-03	C							1	0.13		~Dibenzo(a,e)pyrene	192-65-4	3.8E-02	c	1.3E-01	c	2.2E-03	c	1.1E-02	c	5.6E-03	c		7.3E-02	
2.5E+02	C	7.1E-02	C						M	1	0.13		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.3E-04	c	6.2E-03	c	1.4E-05	c	1.7E-04	c	8.6E-05	c		8.5E-05	
				4.0E-02	I					1	0.13		~Fluoranthene	206-44-0	2.3E+03	n	2.2E+04	n					1.5E+03	n		1.6E+02	
				4.0E-02	I			V		1	0.13		~Fluorene	86-73-7	2.3E+03	n	2.2E+04	n					1.5E+03	n		2.7E+01	
7.3E-01	E	1.1E-04	C						M	1	0.13		~Indeno[1,2,3-cd]pyrene	193-39-5	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.2E-01	
2.9E-02	P			7.0E-02	A			V		1		3.9E+02	~Methylnaphthalene, 1-	90-12-0	2.2E+01	c	9.9E+01	c					2.3E+00	c		1.2E-02	
				4.0E-03	I			V		1		3.7E+02	~Methylnaphthalene, 2-	91-57-6	3.1E+02	n	4.1E+03	ns					1.5E+02	n		7.5E-01	
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		~Naphthalene	91-20-3	3.6E+00	c*	1.8E+01	c*	7.2E-02	c*	3.6E-01	c*	1.4E-01	c*		4.7E-04	
1.2E+00	C	1.1E-04	C							1	0.13		~Nitropyrene, 4-	57835-92-4	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c		9.7E-03	
				3.0E-02	I			V		1	0.13		~Pyrene	129-00-0	1.7E+03	n	1.7E+04	n					1.1E+03	n		1.2E+02	
1.5E-01	I			9.0E-03	I					1	0.1		Prochloraz	67747-09-5	3.2E+00	c	1.1E+01	c					4.5E-01	c		2.3E-03	
				6.0E-03	H					1	0.1		Profluralin	26399-36-0	3.7E+02	n	3.7E+03	n					2.2E+02	n		1.3E+01	
				1.5E-02	I					1	0.1		Prometon	1610-18-0	9.2E+02	n	9.2E+03	n					5.5E+02	n		2.6E-01	
				4.0E-03	I					1	0.1		Prometryn	7287-19-6	2.4E+02	n	2.5E+03	n					1.5E+02	n		2.2E-01	
				1.3E-02	I					1	0.1		Propachlor	1918-16-7	7.9E+02	n	8.0E+03	n					4.7E+02	n		2.9E-01	
				5.0E-03	I					1	0.1		Propanil	709-98-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.0E-01	
				2.0E-02	I					1	0.1		Propargite	2312-35-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		5.4E+01	
				2.0E-03	I					1	0.1		Propargyl Alcohol	107-19-7	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02	
				2.0E-02	I					1	0.1		Propazine	139-40-2	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.5E-01	
				2.0E-02	I					1	0.1		Propham	122-42-9	1.2E+03	n	1.2E+04	n					7.3E+02	n		4.7E-01	
				1.3E-02	I					1	0.1		Propiconazole	60207-90-1	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.6E+00	
						8.0E-03	I	V		1		3.3E+04	Propionaldehyde	123-38-6	8.0E+01	n	3.4E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	Propyl benzene	103-65-1	3.4E+03	ns	2.1E+04	ns	1.0E+03	n	4.4E+03	n	1.3E+03	n		2.5E+00	
						3.0E+00	C			1	0.1		Propylene	115-07-1	4.3E+09	nm	1.8E+10	nm	3.1E+03	n	1.3E+04	n					
				2.0E+01	P					1	0.1		Propylene Glycol	57-55-6	1.2E+06	nm	1.2E+07	nm					7.3E+05	n		1.5E+02	
						2.7E-04	A	V		1		1.5E+03	Propylene Glycol Dinitrate	6423-43-4	5.7E+01	n	2.4E+02	n	2.8E-01	n	1.2E+00	n	5.7E-01	n		1.8E-04	
				7.0E-01	H					1	0.1		Propylene Glycol Monoethyl Ether	1569-02-4	4.3E+04	n	4.3E+05	nm					2.6E+04	n		5.2E+00	
				7.0E-01	H	2.0E+00	I			1	0.1		Propylene Glycol Monomethyl Ether	107-98-2	4.3E+04	n	4.3E+05	nm	2.1E+03	n	8.8E+03	n	2.6E+04	n		5.2E+00	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		7.8E+04	Propylene Oxide	75-56-9	2.0E+00	c	9.0E+00	c	6.6E-01	c*	3.3E+00	c*	2.3E-01	c		4.9E-05	
				2.5E-01	I					1	0.1		Pursuit	81335-77-5	1.5E+04	n	1.5E+05	nm					9.1E+03	n		8.0E+00	
				2.5E-02	I					1	0.1		Pydrin	51630-58-1	1.5E+03	n	1.5E+04	n					9.1E+02	n		5.8E+02	
				1.0E-03	I			V		1		5.3E+05	Pyridine	110-86-1	7.8E+01	n	1.0E+03	n					3.7E+01	n		1.3E-02	
				5.0E-04	I					1	0.1		Quinalphos	13593-03-8	3.1E+01	n	3.1E+02	n					1.8E+01	n		1.6E-01	
3.0E+00	I									1	0.1		Quinoline	91-22-5	1.6E-01	c	5.7E-01	c					2.2E-02	c		7.4E-05	
						3.0E-02	A			1			Refractory Ceramic Fibers	NA	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n					
				3.0E-02	I					1	0.1		Resmethrin	10453-86-8	1.8E+03	n	1.8E+04	n					1.1E+03	n		6.8E+02	
				5.0E-02	H					1	0.1		Ronnel	299-84-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.7E+01	
				4.0E-03	I					1	0.1		Rotenone	83-79-4	2.4E+02	n	2.5E+03	n					1.5E+02	n		7.6E+01	
2.2E-01	C	6.3E-05	C						M	1	0.1		Safrole	94-59-7	5.2E-01	c	7.8E+00	c	1.5E-02	c	1.9E-01	c	9.8E-02	c		6.0E-05	
				2.5E-02	I					1	0.1		Savey	78587-05-0	1.5E+03	n	1.5E+04	n					9.1E+02	n		4.1E+00	
				5.0E-03	I					1			Selenious Acid	7783-00-8	3.9E+02	n	5.1E+03	n					1.8E+02	n			
				5.0E-03	I	2.0E-02	C			1			Selenium	7782-49-2	3.9E+02	n	5.1E+03	n	2.1E+01	n	8.8E+01	n	1.8E+02	n	5.0E+01	9.5E-01	2.6E-01
				5.0E-03	C	2.0E-02	C			1			Selenium Sulfide	7446-34-6	3.9E+02	n	5.1E+03	n	2.1E+01	n	8.8E+01	n	1.8E+02	n			
				9.0E-02	I					1	0.1		Sethoxydim	74051-80-2	5.5E+03	n	5.5E+04	n					3.3E+03	n		2.9E+01	
						3.0E-03	C			1			Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				5.0E-03	I					0.04			Silver	7440-22-4	3.9E+02	n	5.1E+03	n					1.8E+02	n		1.6E+00	
1.2E-01	H			5.0E-03	I					1	0.1		Simazine	122-34-9	4.1E+00	c*	1.4E+01	c					5.6E-01	c	4.0E+00	2.8E-04	2.0E-03
				1.3E-02	I					1	0.1		Sodium Acifluorfen	62476-59-9	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.8E+00	
				4.0E-03	I					1			Sodium Azide	26628-22-8	3.1E+02	n	4.1E+03	n					1.5E+02	n			
2.7E-01	H			3.0E-02	I					1	0.1		Sodium Diethyldithiocarbamate	148-18-5	1.8E+00	c	6.4E+00	c					2.5E-01	c			
				5.0E-02	A	1.3E-02	C			1			Sodium Fluoride	7681-49-4	3.9E+03	n	5.1E+04	n	1.4E+01	n	5.7E+01	n	1.8E+03	n			
				2.0E-05	I					1	0.1		Sodium Fluoroacetate	62-74-8	1.2E+00	n	1.2E+01	n					7.3E-01	n		1.5E-04	
				1.0E-03	H					1			Sodium Metavanadate	13718-26-8	7.8E+01	n	1.0E+03	n					3.7E+01	n			
2.4E-02	H			3.0E-02	I					1	0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.0E+01	c*	7.2E+01	c					2.8E+00	c		8.3E-03	
				6.0E-01	I					1			Strontium, Stable	7440-24-6	4.7E+04	n	6.1E+05	nm					2.2E+04	n		7.7E+02	
				3.0E-04	I					1	0.1		Strychnine	57-24-9	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.2E-01	
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	Styrene	100-42-5	6.3E+03	ns	3.6E+04	ns	1.0E+03	n	4.4E+03	n	1.6E+03	n	1.0E+02	1.8E+00	1.1E-01
				8.0E-04	P					1	0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	4.9E+01	n	4.9E+02	n					2.9E+01	n		1.7E-01	
						1.0E-03	C			1			Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n					
				2.5E-02	I					1	0.1		Systhane	88671-89-0	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.1E+01	
				3.0E-02	H					1	0.1		TCMTB	21564-17-0	1.8E+03	n	1.8E+04	n					1.1E+03	n		7.6E+00	
				7.0E-02	I					1	0.1		Tebuthiuron	34014-18-1	4.3E+03	n	4.3E+04	n					2.6E+03	n		7.3E-01	
				2.0E-02	H					1	0.1		Temephos	3383-96-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.4E+02	
				1.3E-02	I					1	0.1		Terbacil	5902-51-2	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.4E-01	
				2.5E-05	H					1	0.1		Terbufos	13071-79-9	1.5E+00	n	1.5E+01	n					9.1E-01	n		2.0E-03	
				1.0E-03	I					1	0.1		Terbutryn	886-50-0	6.1E+01	n	6.2E+02	n					3.7E+01	n		5.2E-02	
				1.0E-04	I					1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.1E+00	n	6.2E+01	n					3.7E+00	n		9.7E-02	
				3.0E-04	I					1	0.1		Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.8E+01	n	1.8E+02	n					1.1E+01	n		5.1E-02	
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	1.9E+00	c	9.3E+00	c	3.3E-01	c	1.7E+00	c	5.2E-01	c		2.0E-04	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	5.6E-01	c	2.8E+00	c	4.2E-02	c	2.1E-01	c	6.7E-02	c		2.6E-05	
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1		1.7E+02	Tetrachloroethylene	127-18-4	5.5E-01	c	2.6E+00	c	4.1E-01	c	2.1E+00	c	1.1E-01	c	5.0E+00	4.9E-05	2.3E-03
				3.0E-02	I					1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.8E+03	n	1.8E+04	n					1.1E+03	n		6.7E+00	
2.0E+01	H									1	0.1		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.4E-02	c	8.6E-02	c					3.4E-03	c		1.1E-05	
				5.0E-04	I					1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.1E+01	n	3.1E+02	n					1.8E+01	n		1.3E-02	
						8.0E+01	I	V		1		1.1E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.1E+05	nms	4.6E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.3E+01	
				4.0E-03	P					1	0.1		Tetryl (Trinitrophenylmethylnitramine)	479-45-8	2.4E+02	n	2.5E+03	n					1.5E+02	n		1.4E+00	
				1.0E-05	X					1			Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.0E+01	n					3.7E-01	n	2.0E+00	2.6E-02	1.4E-01
				1.0E-02	I					1	0.1		Thiobencarb	28249-77-6	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.3E+00	
				7.0E-02	X					1	0.008		Thiodiglycol	111-48-8	5.4E+03	n	6.8E+04	n					2.6E+03	n		5.2E-01	
				3.0E-04	H					1	0.1		Thiofanox	39196-18-4	1.8E+01	n	1.8E+02	n					1.1E+01	n		3.8E-03	
				8.0E-02	I					1	0.1		Thiophanate, Methyl	23564-05-8	4.9E+03	n	4.9E+04	n					2.9E+03	n		2.5E+00	
				5.0E-03	I					1	0.1		Thiram	137-26-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
				6.0E-01	H					1			Tin	7440-31-5	4.7E+04	n	6.1E+05	nm					2.2E+04	n		5.5E+03	
						1.0E-04	A			1			Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n					
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	Toluene	108-88-3	5.0E+03	ns	4.5E+04	ns	5.2E+03	n	2.2E+04	n	2.3E+03	n	1.0E+03	1.6E+00	6.9E-01
1.8E-01	X			1.0E-04	X					1	0.1		Toluene-2,5-diamine	95-70-5	2.7E+00	c**	9.6E+00	c**					3.7E-01	c**		1.2E-04	
1.9E-01	H									1	0.1		Toluidine, p-	106-49-0	2.6E+00	c	9.1E+00	c					3.5E-01	c		1.5E-04	
1.1E+00	I	3.2E-04	I							1	0.1		Toxaphene	8001-35-2	4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	6.1E-02	c	3.0E+00	9.4E-03	4.6E-01
				7.5E-03	I					1	0.1		Tralomethrin	66841-25-6	4.6E+02	n	4.6E+03	n					2.7E+02	n		1.0E+02	
				3.0E-04	A					1	0.1		Tri-n-butyltin	688-73-3	1.8E+01	n	1.8E+02	n					1.1E+01	n		2.4E-01	
				1.3E-02	I					1	0.1		Triallate	2303-17-5	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.1E+00	
				1.0E-02	I					1	0.1		Triasulfuron	82097-50-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.8E-01	
				5.0E-03	I					1	0.1		Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
9.0E-03	P			1.0E-02	P					1	0.1		Tributyl Phosphate	126-73-8	5.4E+01	c*	1.9E+02	c*					7.5E+00	c*		3.7E-02	
				3.0E-04	P					1	0.1		Tributyltin Compounds	NA	1.8E+01	n	1.8E+02	n					1.1E+01	n			
				3.0E-04	I					1	0.1		Tributyltin Oxide	56-35-9	1.8E+01	n	1.8E+02	n					1.1E+01	n		5.7E+02	
				3.0E+01	I	3.0E+01	H	V		1		9.1E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.3E+04	ns	1.8E+05	nms	3.1E+04	n	1.3E+05	n	5.9E+04	n		1.5E+02	
										1	0.1		Trichloroacetic Acid	76-03-9											6.0E+01		1.2E-02
2.9E-02	H									1	0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.7E+01	c	5.9E+01	c					2.3E+00	c		6.4E-03	
7.0E-03	X			3.0E-05	X					1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.8E+00	n	1.8E+01	n					1.1E+00	n		9.9E-03	
				8.0E-04	X			V		1	0.1	1.5E+02	Trichlorobenzene, 1,2,3-	87-61-6	4.9E+01	n	4.9E+02	ns					2.9E+01	n		8.7E-02	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.2E+01	c**	9.9E+01	c**	2.1E+00	n	8.8E+00	n	2.3E+00	c**	7.0E+01	6.8E-03	2.0E-01
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.7E+03	ns	3.8E+04	ns	5.2E+03	n	2.2E+04	n	9.1E+03	n	2.0E+02	3.2E+00	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.3E+00	c**	1.5E-01	c**	7.7E-01	c**	2.4E-01	c**	5.0E+00	7.8E-05	1.6E-03
5.9E-03	C	2.0E-06	C			1.0E-02	Y	V		1		6.9E+02	Trichloroethylene	79-01-6	2.8E+00	c**	1.4E+01	c**	1.2E+00	c**	6.1E+00	c**	2.0E+00	c*	5.0E+00	7.2E-04	1.8E-03
				3.0E-01	I	7.0E-01	H	V		1		1.2E+03	Trichlorofluoromethane	75-69-4	7.9E+02	n	3.4E+03	ns	7.3E+02	n	3.1E+03	n	1.3E+03	n		8.3E-01	
				1.0E-01	I					1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.1E+03	n	6.2E+04	n					3.7E+03	n		1.4E+01	
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		Trichlorophenol, 2,4,6-	88-06-2	4.4E+01	c**	1.6E+02	c**	7.8E-01	c	4.0E+00	c	6.1E+00	c**		2.3E-02	
				1.0E-02	I					1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.5E-01	
				8.0E-03	I					1	0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	4.9E+02	n	4.9E+03	n					2.9E+02	n	5.0E+01	1.6E-01	2.8E-02

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident 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)
				5.0E-03	I			V		1		1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.1E+03	ns					1.8E+02	n		7.1E-02	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.0E-03	c	9.5E-02	c	3.1E-01	n	1.3E+00	n	7.2E-04	c		3.1E-07	
				3.0E-03	X	3.0E-04	P	V		1		4.5E+02	Trichloropropene, 1,2,3-	96-19-5	7.8E-01	n	3.3E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n		3.1E-04	
				3.0E-03	I					1	0.1		Tridiphane	58138-08-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		7.8E-01	
						7.0E-03	I	V		1		2.8E+04	Triethylamine	121-44-8	1.2E+02	n	5.2E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		4.4E-03	
7.7E-03	I			7.5E-03	I					1	0.1		Trifluralin	1582-09-8	6.3E+01	c**	2.2E+02	c*					8.7E+00	c*		2.9E-01	
2.0E-02	P			1.0E-02	P					1	0.1		Trimethyl Phosphate	512-56-1	2.4E+01	c*	8.6E+01	c*					3.4E+00	c		7.4E-04	
						5.0E-03	P	V					Trimethylbenzene, 1,2,3-	526-73-8	7.1E+06	nm	3.0E+07	nm	5.2E+00	n	2.2E+01	n	1.0E+01	n			
						7.0E-03	P	V		1		2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	6.2E+01	n	2.6E+02	ns	7.3E+00	n	3.1E+01	n	1.5E+01	n		2.1E-02	
				1.0E-02	X			V		1		1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	7.8E+02	ns	1.0E+04	ns					3.7E+02	n		5.2E-01	
				3.0E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	n	2.7E+04	n					1.1E+03	n		3.9E+00	
3.0E-02	I			5.0E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	1.9E+01	c**	7.9E+01	c**					2.2E+00	c**		1.3E-02	
				2.0E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.2E+03	n	1.2E+04	n					7.3E+02	n		3.0E+00	
2.0E-02	P			7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.4E+01	c*	8.6E+01	c*					3.4E+00	c*		3.3E-03	
3.2E-03	P			1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.5E+02	c*	5.4E+02	c					2.1E+01	c		1.0E+02	
				3.0E-03	I	3.0E-04	A			1			Uranium (Soluble Salts)	NA	2.3E+02	n	3.1E+03	n	3.1E-01	n	1.3E+00	n	1.1E+02	n	3.0E+01	4.9E+01	1.4E+01
1.0E+00	C	2.9E-04	C						M	1	0.1		Urethane	51-79-6	1.2E-01	c	1.7E+00	c	3.3E-03	c	4.2E-02	c	2.2E-02	c		4.8E-06	
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			Vanadium Pentoxide	1314-62-1	4.0E+02	c**	2.0E+03	c**	2.9E-04	c*	1.5E-03	c*	3.3E+02	n			
				2.0E-02	H					0.026			Vanadium Sulfate	36907-42-3	1.6E+03	n	2.0E+04	n					7.3E+02	n			
				5.0E-03	S					1			Vanadium and Compounds	NA	3.9E+02	n	5.2E+03	n					1.8E+02	n		1.8E+02	
				1.0E-03	I					1	0.1		Vernolate	1929-77-7	6.1E+01	n	6.2E+02	n					3.7E+01	n		2.9E-02	
				2.5E-02	I					1	0.1		Vinclozolin	50471-44-8	1.5E+03	n	1.5E+04	n					9.1E+02	n		7.0E-01	
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	Vinyl Acetate	108-05-4	9.7E+02	n	4.1E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.8E-02	
		3.2E-05	H			3.0E-03	I	V		1		0.0E+00	Vinyl Bromide	593-60-2	1.1E-01	c*s	5.6E-01	c*s	7.6E-02	c*	3.8E-01	c*	1.5E-01	c*		4.4E-05	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	Vinyl Chloride	75-01-4	6.0E-02	c	1.7E+00	c	1.6E-01	c	2.8E+00	c	1.6E-02	c	2.0E+00	5.6E-06	6.9E-04
				3.0E-04	I					1	0.1		Warfarin	81-81-2	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.2E-02	
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	Xylene, P-	106-42-3	6.0E+02	ns	2.6E+03	ns	1.0E+02	n	4.4E+02	n	2.0E+02	n		2.0E-01	
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	Xylene, m-	108-38-3	5.9E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	2.0E+02	n		2.0E-01	
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	Xylene, o-	95-47-6	6.9E+02	ns	3.0E+03	ns	1.0E+02	n	4.4E+02	n	2.0E+02	n		2.0E-01	
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	Xylenes	1330-20-7	6.3E+02	ns	2.7E+03	ns	1.0E+02	n	4.4E+02	n	2.0E+02	n	1.0E+04	2.0E-01	9.8E+00
				3.0E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.1E+02	n					1.1E+01	n			
				3.0E-01	I					1			Zinc and Compounds	7440-66-6	2.3E+04	n	3.1E+05	nm					1.1E+04	n		6.8E+02	
				5.0E-02	I					1	0.1		Zineb	12122-67-7	3.1E+03	n	3.1E+04	n					1.8E+03	n		5.3E+00	

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vocs	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		1.4E+09		ALAR	1596-84-5	3.6E+01	1.1E+02	6.5E+05	2.7E+01	1.2E+04	4.2E+04		9.2E+03
8.7E-03	I			4.0E-03	I					1	0.1		1.4E+09		Acephate	30560-19-1	7.4E+01	2.3E+02		5.6E+01	3.1E+02	1.1E+03		2.4E+02
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	1.4E+09	9.4E+03	Acetaldehyde	75-07-0			1.0E+01	1.0E+01			8.8E+01	8.8E+01
				2.0E-02	I					1	0.1		1.4E+09		Acetochlor	34256-82-1					1.6E+03	5.6E+03		1.2E+03
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	1.4E+09	1.5E+04	Acetone	67-64-1					7.0E+04		4.7E+05	6.1E+04
				3.0E-03	P	6.0E-02	P	V		1		1.1E+05	1.4E+09	2.6E+04	Acetone Cyanohydrin	75-86-5					2.3E+02		1.6E+03	2.0E+02
						6.0E-02	I	V		1		1.3E+05	1.4E+09	1.4E+04	Acetonitrile	75-05-8							8.7E+02	8.7E+02
				1.0E-01	I			V		1		2.5E+03	1.4E+09	6.4E+04	Acetophenone	98-86-2					7.8E+03			7.8E+03
3.8E+00	C	1.3E-03	C							1	0.1		1.4E+09		Acetylaminofluorene, 2-	53-96-3	1.7E-01	5.3E-01	2.5E+03	1.3E-01				
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	1.4E+09	7.4E+03	Acrolein	107-02-8					3.9E+01		1.6E-01	1.5E-01
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I			1	0.1		1.4E+09		Acrylamide	79-06-1	1.3E+00	4.0E+00	3.3E+04	9.7E-01	1.6E+02	5.6E+02	8.5E+06	1.2E+02
				5.0E-01	I	1.0E-03	I			1	0.1		1.4E+09		Acrylic Acid	79-10-7					3.9E+04	1.4E+05	1.4E+06	3.0E+04
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	1.4E+09	8.3E+03	Acrylonitrile	107-13-1	1.2E+00		3.0E-01	2.4E-01	3.1E+03		1.7E+01	1.7E+01
						6.0E-03	P			1	0.1		1.4E+09		Adiponitrile	111-69-3							8.5E+06	8.5E+06
5.6E-02	C			1.0E-02	I					1	0.1		1.4E+09		Alachlor	15972-60-8	1.1E+01	3.6E+01		8.7E+00	7.8E+02	2.8E+03		6.1E+02
				1.0E-03	I					1	0.1		1.4E+09		Aldicarb	116-06-3					7.8E+01	2.8E+02		6.1E+01
				1.0E-03	I					1	0.1		1.4E+09		Aldicarb Sulfone	1646-88-4					7.8E+01	2.8E+02		6.1E+01
1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1		1.4E+09		Aldrin	309-00-2	3.8E-02	1.2E-01	6.8E+02	2.9E-02	2.3E+00	8.4E+00		1.8E+00
				2.5E-01	I					1	0.1		1.4E+09		Ally	74223-64-6					2.0E+04	7.0E+04		1.5E+04
				5.0E-03	I	1.0E-04	X			1	0.1		1.4E+09		Allyl Alcohol	107-18-6					3.9E+02	1.4E+03	1.4E+05	3.0E+02
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	1.4E+09	1.7E+03	Allyl Chloride	107-05-1	3.0E+01		6.9E-01	6.8E-01			1.8E+00	1.8E+00
				1.0E+00	P	5.0E-03	P			1			1.4E+09		Aluminum	7429-90-5					7.8E+04		7.1E+06	7.7E+04
				4.0E-04	I					1			1.4E+09		Aluminum Phosphide	20859-73-8					3.1E+01			3.1E+01
				3.0E-04	I					1	0.1		1.4E+09		Amdro	67485-29-4					2.3E+01	8.4E+01		1.8E+01
				9.0E-03	I					1	0.1		1.4E+09		Ametryn	834-12-8					7.0E+02	2.5E+03		5.5E+02
2.1E+01	C	6.0E-03	C							1	0.1		1.4E+09		Aminobiphenyl, 4-	92-67-1	3.0E-02	9.6E-02	5.5E+02	2.3E-02				
				8.0E-02	P					1	0.1		1.4E+09		Aminophenol, m-	591-27-5					6.3E+03	2.2E+04		4.9E+03
				2.0E-02	P					1	0.1		1.4E+09		Aminophenol, p-	123-30-8					1.6E+03	5.6E+03		1.2E+03
				2.5E-03	I					1	0.1		1.4E+09		Amitraz	33089-61-1					2.0E+02	7.0E+02		1.5E+02
						1.0E-01	I			1					Ammonia	7664-41-7								
				2.0E-01	I					1			1.4E+09		Ammonium Sulfamate	7773-06-0					1.6E+04			1.6E+04
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		1.4E+09		Aniline	62-53-3	1.1E+02	3.5E+02	2.1E+06	8.5E+01	5.5E+02	2.0E+03	1.4E+06	4.3E+02
4.0E-02	P			2.0E-03	X					1	0.1		1.4E+09		Anthraquinone, 9,10-	84-65-1	1.6E+01	5.1E+01		1.2E+01	1.6E+02	5.6E+02		1.2E+02
				4.0E-04	I					0.15			1.4E+09		Antimony (metallic)	7440-36-0					3.1E+01			3.1E+01
				5.0E-04	H					0.15			1.4E+09		Antimony Pentoxide	1314-60-9					3.9E+01			3.9E+01
				9.0E-04	H					0.15			1.4E+09		Antimony Potassium Tartrate	11071-15-1					7.0E+01			7.0E+01
				4.0E-04	H					0.15			1.4E+09		Antimony Tetroxide	1332-81-6					3.1E+01			3.1E+01
						2.0E-04	I			0.15			1.4E+09		Antimony Trioxide	1309-64-4							2.8E+05	2.8E+05
				1.3E-02	I					1	0.1		1.4E+09		Apollo	74115-24-5					1.0E+03	3.6E+03		7.9E+02
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		1.4E+09		Aramite	140-57-8	2.6E+01	8.1E+01	4.7E+05	1.9E+01	3.9E+03	1.4E+04		3.1E+03
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		1.4E+09		Arsenic, Inorganic	7440-38-2	4.3E-01	4.5E+00	7.7E+02	3.9E-01	2.3E+01	2.8E+02	2.1E+04	2.2E+01
				3.5E-06	C	5.0E-05	I			1			1.4E+09		Arsine	7784-42-1					2.7E-01		7.1E+04	2.7E-01
				9.0E-03	I					1	0.1		1.4E+09		Assure	76578-14-8					7.0E+02	2.5E+03		5.5E+02
				5.0E-02	I					1	0.1		1.4E+09		Asulam	3337-71-1					3.9E+03	1.4E+04		3.1E+03
2.3E-01	C			3.5E-02	I					1	0.1		1.4E+09		Atrazine	1912-24-9	2.8E+00	8.8E+00		2.1E+00	2.7E+03	9.8E+03		2.1E+03
8.8E-01	C	2.5E-04	C							1	0.1		1.4E+09		Auramine	492-80-8	7.3E-01	2.3E+00	1.3E+04	5.5E-01				
				4.0E-04	I					1	0.1		1.4E+09		Avermectin B1	65195-55-3					3.1E+01	1.1E+02		2.4E+01
1.1E-01	I	3.1E-05	I					V		1			1.4E+09	5.6E+05	Azobenzene	103-33-3	5.8E+00		4.4E+01	5.1E+00				
				2.0E-01	I	5.0E-04	H			0.07			1.4E+09		Barium	7440-39-3					1.6E+04		7.1E+05	1.5E+04
				4.0E-03	I					1	0.1		1.4E+09		Baygon	114-26-1					3.1E+02	1.1E+03		2.4E+02
				3.0E-02	I					1	0.1		1.4E+09		Bayleton	43121-43-3					2.3E+03	8.4E+03		1.8E+03
				2.5E-02	I					1	0.1		1.4E+09		Baythroid	68359-37-5					2.0E+03	7.0E+03		1.5E+03
				3.0E-01	I					1	0.1		1.4E+09		Benefin	1861-40-1					2.3E+04	8.4E+04		1.8E+04
				5.0E-02	I					1	0.1		1.4E+09		Benomyl	17804-35-2					3.9E+03	1.4E+04		3.1E+03
				3.0E-02	I					1	0.1		1.4E+09		Bentazon	25057-89-0					2.3E+03	8.4E+03		1.8E+03
				1.0E-01	I			V		1		1.2E+03	1.4E+09	2.4E+04	Benzaldehyde	100-52-7					7.8E+03			7.8E+03
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.8E+03	1.4E+09	3.8E+03	Benzene	71-43-2	1.2E+01		1.2E+00	1.1E+00	3.1E+02		1.2E+02	8.6E+01
				2.0E-04	X					1	0.1		1.4E+09		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1					1.6E+01	5.6E+01		1.2E+01
				1.0E-03	P			V		1		1.3E+03	1.4E+09	2.1E+04	Benzenethiol	108-98-5					7.8E+01			7.8E+01
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		1.4E+09		Benzidine	92-87-5	6.5E-04	2.2E-03	1.9E+01	5.0E-04	2.3E+02	8.4E+02		1.8E+02
				4.0E+00	I					1	0.1		1.4E+09		Benzoic Acid	65-85-0					3.1E+05	1.1E+06		2.4E+05
1.3E+01	I							V		1		3.2E+02	1.4E+09	7.3E+04	Benzotrichloride	98-07-7	4.9E-02			4.9E-02				
				1.0E-01	P					1	0.1		1.4E+09		Benzyl Alcohol	100-51-6					7.8E+03	2.8E+04		6.1E+03
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.5E+03	1.4E+09	2.7E+04	Benzyl Chloride	100-44-7	3.8E+00		1.4E+00	1.0E+00	1.6E+02		2.9E+01	2.4E+01
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			1.4E+09		Beryllium and compounds	7440-41-7			1.4E+03	1.4E+03	1.6E+02		2.8E+04	1.6E+02

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-04	I					1	0.1		1.4E+09		Bidrin	141-66-2					7.8E+00	2.8E+01		6.1E+00
				9.0E-03	P					1	0.1		1.4E+09		Bifenox	42576-02-3					7.0E+02	2.5E+03		5.5E+02
				1.5E-02	I					1	0.1		1.4E+09		Biphenthrin	82657-04-3					1.2E+03	4.2E+03		9.2E+02
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		1		2.1E+02	1.4E+09	1.2E+05	Biphenyl, 1,1'-	92-52-4	8.0E+01			8.0E+01	3.9E+03		5.1E+01	5.1E+01
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.0E+03	1.4E+09	3.8E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	9.1E+00		9.2E+00	4.6E+00	3.1E+03			3.1E+03
				3.0E-03	P					1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					2.3E+02	8.4E+02		1.8E+02
1.1E+00	I	3.3E-04	I					V		1		5.1E+03	1.4E+09	4.6E+04	Bis(2-chloroethyl)ether	111-44-4	5.8E-01		3.4E-01	2.1E-01				
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		1.4E+09		Bis(2-ethylhexyl)phthalate	117-81-7	4.6E+01	1.4E+02	1.4E+06	3.5E+01	1.6E+03	5.6E+03		1.2E+03
2.2E+02	I	6.2E-02	I					V		1		4.2E+03	1.4E+09	2.0E+03	Bis(chloromethyl)ether	542-88-1	2.9E-03		7.9E-05	7.7E-05				
				5.0E-02	I					1	0.1		1.4E+09		Bisphenol A	80-05-7					3.9E+03	1.4E+04		3.1E+03
				2.0E-01	I	2.0E-02	H			1			1.4E+09		Boron And Borates Only	7440-42-8					1.6E+04		2.8E+07	1.6E+04
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Boron Trifluoride	7637-07-2					3.1E+03		1.8E+07	3.1E+03
7.0E-01	I			4.0E-03	I					1			1.4E+09		Bromate	15541-45-4	9.1E-01			9.1E-01	3.1E+02			3.1E+02
2.0E+00	X	6.0E-04	X					V		1		2.4E+03	1.4E+09	6.4E+03	Bromo-2-chloroethane, 1-	107-04-0	3.2E-01		2.6E-02	2.4E-02				
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	1.4E+09	9.0E+03	Bromobenzene	108-86-1					6.3E+02		5.6E+02	3.0E+02
						4.0E-02	X	V		1		4.0E+03	1.4E+09	3.9E+03	Bromochloromethane	74-97-5							1.6E+02	1.6E+02
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		1		9.3E+02	1.4E+09	4.3E+03	Bromodichloromethane	75-27-4	1.0E+01		2.8E-01	2.7E-01	1.6E+03			1.6E+03
7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		1.4E+09		Bromoform	75-25-2	8.1E+01	2.6E+02	3.0E+06	6.2E+01	1.6E+03	5.6E+03		1.2E+03
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	1.4E+09	1.5E+03	Bromomethane	74-83-9					1.1E+02		7.8E+00	7.3E+00
				5.0E-03	H					1	0.1		1.4E+09		Bromophos	2104-96-3					3.9E+02	1.4E+03		3.1E+02
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil	1689-84-5					1.6E+03	5.6E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil Octanoate	1689-99-2					1.6E+03	5.6E+03		1.2E+03
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	1.4E+09	9.3E+02	Butadiene, 1,3-	106-99-0	1.9E-01		7.6E-02	5.4E-02			1.9E+00	1.9E+00
				1.0E-01	I					1	0.1		1.4E+09		Butanol, N-	71-36-3					7.8E+03	2.8E+04		6.1E+03
1.9E-03	P			2.0E-01	I					1	0.1		1.4E+09		Butyl Benzyl Phthlate	85-68-7	3.4E+02	1.1E+03		2.6E+02	1.6E+04	5.6E+04		1.2E+04
				2.0E+00	P	3.0E+01	P			1	0.1		1.4E+09		Butyl alcohol, sec-	78-92-2					1.6E+05	5.6E+05	4.3E+10	1.2E+05
				5.0E-02	I					1	0.1		1.4E+09		Butylate	2008-41-5					3.9E+03	1.4E+04		3.1E+03
2.0E-04	C	5.7E-08	C							1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	3.2E+03	1.0E+04	5.8E+07	2.4E+03				
				5.0E-02	P			V		1		1.1E+02	1.4E+09	8.8E+03	Butylbenzene, n-	104-51-8					3.9E+03			3.9E+03
				1.0E+00	I					1	0.1		1.4E+09		Butylphthalyl Butylglycolate	85-70-1					7.8E+04	2.8E+05		6.1E+04
				2.0E-02	A					1	0.1		1.4E+09		Cacodylic Acid	75-60-5					1.6E+03	5.6E+03		1.2E+03
		1.8E-03	I	1.0E-03	I	2.0E-05	C			0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			1.8E+03	1.8E+03	7.8E+01	7.0E+02	2.8E+04	7.0E+01
		1.8E-03	I	5.0E-04	I	2.0E-05	C			0.05	0.001				Cadmium (Water)	7440-43-9								
				5.0E-01	I					1	0.1		1.4E+09		Caprolactam	105-60-2					3.9E+04	1.4E+05		3.1E+04
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		1.4E+09		Captafol	2425-06-1	4.3E+00	1.3E+01	7.7E+04	3.2E+00	1.6E+02	5.6E+02		1.2E+02
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		1.4E+09		Captan	133-06-2	2.8E+02	8.8E+02	5.0E+06	2.1E+02	1.0E+04	3.6E+04		7.9E+03
				1.0E-01	I					1	0.1		1.4E+09		Carbaryl	63-25-2					7.8E+03	2.8E+04		6.1E+03
				5.0E-03	I					1	0.1		1.4E+09		Carbofuran	1563-66-2					3.9E+02	1.4E+03		3.1E+02
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	1.4E+09	1.3E+03	Carbon Disulfide	75-15-0					7.8E+03		9.2E+02	8.2E+02
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	1.4E+09	1.6E+03	Carbon Tetrachloride	56-23-5	9.1E+00		6.5E-01	6.1E-01	3.1E+02		1.7E+02	1.1E+02
				1.0E-02	I					1	0.1		1.4E+09		Carbosulfan	55285-14-8					7.8E+02	2.8E+03		6.1E+02
				1.0E-01	I					1	0.1		1.4E+09		Carboxin	5234-68-4					7.8E+03	2.8E+04		6.1E+03
						9.0E-04	I			1			1.4E+09		Ceric oxide	1306-38-3							1.3E+06	1.3E+06
				1.0E-01	I					1	0.1		1.4E+09		Chloral Hydrate	302-17-0					7.8E+03	2.8E+04		6.1E+03
				1.5E-02	I					1	0.1		1.4E+09		Chloramben	133-90-4					1.2E+03	4.2E+03		9.2E+02
4.0E-01	H									1	0.1		1.4E+09		Chloranil	118-75-2	1.6E+00	5.0E+00		1.2E+00				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		1.4E+09		Chlordane	12789-03-6	1.8E+00	1.4E+01	3.3E+04	1.6E+00	3.9E+01	3.5E+02	9.9E+05	3.5E+01
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	6.4E-02	2.0E-01	7.2E+02	4.9E-02	2.3E+01	8.4E+01		1.8E+01
				7.0E-04	A					1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					5.5E+01	2.0E+02		4.3E+01
				2.0E-02	I					1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					1.6E+03	5.6E+03		1.2E+03
				1.0E-01	I	1.5E-04	A			1			1.4E+09		Chlorine	7782-50-5					7.8E+03		2.1E+05	7.5E+03
				3.0E-02	I	2.0E-04	I			1			1.4E+09		Chlorine Dioxide	10049-04-4					2.3E+03		2.8E+05	2.3E+03
				3.0E-02	I					1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					2.3E+03			2.3E+03
						5.0E+01	I	V		1		1.2E+03	1.4E+09	1.1E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							5.8E+04	5.8E+04
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.5E+02	1.4E+09	1.2E+03	Chloro-1,3-butadiene, 2-	126-99-8			9.4E-03	9.4E-03	1.6E+03		2.4E+01	2.4E+01
4.6E-01	H									1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.4E+00	4.4E+00		1.1E+00				
1.0E-01	P	7.7E-05	C	3.0E-03	X					1	0.1		1.4E+09		Chloro-2-methylaniline, 4-	95-69-2	6.4E+00	2.0E+01	4.3E+04	4.9E+00	2.3E+02	8.4E+02		1.8E+02
2.7E-01	X									1	0.1		1.4E+09		Chloroacetaldehyde, 2-	107-20-0	2.4E+00	7.5E+00		1.8E+00				
				2.0E-03	H					1	0.1		1.4E+09		Chloroacetic Acid	79-11-8					1.6E+02	5.6E+02		1.2E+02
						3.0E-05	I			1	0.1		1.4E+09		Chloroacetophenone, 2-	532-27-4							4.3E+04	4.3E+04
2.0E-01	P			4.0E-03	I					1	0.1		1.4E+09		Chloroaniline, p-	106-47-8	3.2E+00	1.0E+01		2.4E+00	3.1E+02	1.1E+03		2.4E+02
				2.0E-02	I	5.0E-02	P	V		1		7.6E+02	1.4E+09	6.9E+03	Chlorobenzene	108-90-7					1.6E+03		3.6E+02	2.9E+02
1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		1.4E+09		Chlorobenzilate	510-15-6	5.8E+00	1.8E+01	1.1E+05	4.4E+00	1.6E+03	5.6E+03		1.2E+03
				3.0E-02	X					1	0.1		1.4E+09		Chlorobenzoic Acid, p-	74-11-3					2.3E+03	8.4E+03		1.8E+03
				3.0E-03	P	3.0E-01	P	V		1		1.2E+02	1.4E+09	7.3E+03	Chlorobenzotrifluoride, 4-	98-56-6					2.3E+02		2.3E+03	2.1E+02

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				4.0E-02	P			V		1		7.3E+02	1.4E+09	1.9E+03	Chlorobutane, 1-	109-69-3					3.1E+03			3.1E+03
						5.0E+01	I	V		1		1.7E+03	1.4E+09	1.0E+03	Chlorodifluoromethane	75-45-6							5.3E+04	5.3E+04
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.5E+03	1.4E+09	2.8E+03	Chloroform	67-66-3	2.1E+01		3.0E-01	2.9E-01	7.8E+02		2.9E+02	2.1E+02
						9.0E-02	I	V		1		1.3E+03	1.4E+09	1.3E+03	Chloromethane	74-87-3							1.2E+02	1.2E+02
2.4E+00	C	6.9E-04	C					V		1		2.6E+04	1.4E+09	5.7E+03	Chloromethyl Methyl Ether	107-30-2	2.7E-01		2.0E-02	1.9E-02				
				8.0E-02	I			V		1		1.8E+02	1.4E+09	8.6E+04	Chloronaphthalene, Beta-	91-58-7					6.3E+03			6.3E+03
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1		1.4E+09		Chloronitrobenzene, o-	88-73-3	2.1E+00	6.7E+00		1.6E+00	2.3E+02	8.4E+02	1.4E+04	1.8E+02
6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1		1.4E+09		Chloronitrobenzene, p-	100-00-5	1.0E+02	3.2E+02		7.7E+01	7.8E+01	2.8E+02	8.5E+05	6.1E+01
				5.0E-03	I			V		1		2.2E+04	1.4E+09	1.3E+05	Chlorophenol, 2-	95-57-8					3.9E+02			3.9E+02
						4.0E-04	C	V		1		6.2E+02	1.4E+09	5.0E+03	Chloropicrin	76-06-2							2.1E+00	2.1E+00
3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1		1.4E+09		Chlorothalonil	1897-45-6	2.1E+02	6.5E+02	3.7E+06	1.6E+02	1.2E+03	4.2E+03		9.2E+02
				2.0E-02	I			V		1		9.1E+02	1.4E+09	8.7E+03	Chlorotoluene, o-	95-49-8					1.6E+03			1.6E+03
				2.0E-02	X			V		1		2.5E+02	1.4E+09	7.9E+03	Chlorotoluene, p-	106-43-4					1.6E+03			1.6E+03
2.4E+02	C	6.9E-02	C							1	0.1		1.4E+09		Chlorozotocin	54749-90-5	2.7E-03	8.4E-03	4.8E+01	2.0E-03				
				2.0E-01	I					1	0.1		1.4E+09		Chlorpropham	101-21-3					1.6E+04	5.6E+04		1.2E+04
				3.0E-03	I					1	0.1		1.4E+09		Chlorpyrifos	2921-88-2					2.3E+02	8.4E+02		1.8E+02
				1.0E-02	H					1	0.1		1.4E+09		Chlorpyrifos Methyl	5598-13-0					7.8E+02	2.8E+03		6.1E+02
				5.0E-02	I					1	0.1		1.4E+09		Chlorsulfuron	64902-72-3					3.9E+03	1.4E+04		3.1E+03
				8.0E-04	H					1	0.1		1.4E+09		Chlorthiophos	60238-56-4					6.3E+01	2.2E+02		4.9E+01
				1.5E+00	I					0.013			1.4E+09		Chromium(III), Insoluble Salts	16065-83-1					1.2E+05			1.2E+05
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	0.025			1.4E+09		Chromium(VI)	18540-29-9	3.0E-01		1.6E+01	2.9E-01	2.3E+02		1.4E+05	2.3E+02
										0.013			1.4E+09		Chromium, Total	7440-47-3								
		9.0E-03	P	3.0E-04	P	6.0E-06	P			1			1.4E+09		Cobalt	7440-48-4			3.7E+02	3.7E+02	2.3E+01		8.5E+03	2.3E+01
		6.2E-04	I						M	1	0.1				Coke Oven Emissions	8007-45-2								
				4.0E-02	H					1			1.4E+09		Copper	7440-50-8					3.1E+03			3.1E+03
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, m-	108-39-4					3.9E+03	1.4E+04	8.5E+08	3.1E+03
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, o-	95-48-7					3.9E+03	1.4E+04	8.5E+08	3.1E+03
				5.0E-03	H	6.0E-01	C			1	0.1		1.4E+09		Cresol, p-	106-44-5					3.9E+02	1.4E+03	8.5E+08	3.1E+02
				1.0E-01	X					1	0.1		1.4E+09		Cresol, p-chloro-m-	59-50-7					7.8E+03	2.8E+04		6.1E+03
				1.0E-01	A	6.0E-01	C	V		1		5.0E+04	1.4E+09	3.3E+05	Cresols	1319-77-3					7.8E+03		2.0E+05	7.5E+03
1.9E+00	H			1.0E-03	P			V		1		1.7E+04	1.4E+09	2.0E+04	Crotonaldehyde, trans-	123-73-9	3.4E-01			3.4E-01	7.8E+01			7.8E+01
				1.0E-01	I	4.0E-01	I	V		1		2.7E+02	1.4E+09	6.7E+03	Cumene	98-82-8					7.8E+03		2.8E+03	2.1E+03
2.2E-01	C	6.3E-05	C							1	0.1		1.4E+09		Cupferron	135-20-6	2.9E+00	9.2E+00	5.3E+04	2.2E+00				
8.4E-01	H			2.0E-03	H					1	0.1		1.4E+09		Cyanazine	21725-46-2	7.6E-01	2.4E+00		5.8E-01	1.6E+02	5.6E+02		1.2E+02
															Cyanides									
				4.0E-02	I					1			1.4E+09		~Calcium Cyanide	592-01-8					3.1E+03			3.1E+03
				5.0E-03	I					1			1.4E+09		~Copper Cyanide	544-92-3					3.9E+02			3.9E+02
				2.0E-02	I			V		1		1.0E+07	1.4E+09	5.0E+04	~Cyanide (CN-)	57-12-5					1.6E+03			1.6E+03
				4.0E-02	I			V		1			1.4E+09		~Cyanogen	460-19-5					3.1E+03			3.1E+03
				9.0E-02	I			V		1			1.4E+09		~Cyanogen Bromide	506-68-3					7.0E+03			7.0E+03
				5.0E-02	I			V		1			1.4E+09		~Cyanogen Chloride	506-77-4					3.9E+03			3.9E+03
				6.0E-04	I	8.0E-04	I	V		1			1.4E+09		~Hydrogen Cyanide	74-90-8					4.7E+01		1.1E+06	4.7E+01
				5.0E-02	I					1			1.4E+09		~Potassium Cyanide	151-50-8					3.9E+03			3.9E+03
				2.0E-01	I					0.04			1.4E+09		~Potassium Silver Cyanide	506-61-6					1.6E+04			1.6E+04
				1.0E-01	I					0.04			1.4E+09		~Silver Cyanide	506-64-9					7.8E+03			7.8E+03
				4.0E-02	I					1			1.4E+09		~Sodium Cyanide	143-33-9					3.1E+03			3.1E+03
				2.0E-04	P			V		1		4.6E+03	1.4E+09	7.1E+03	~Thiocyanate	463-56-9					1.6E+01			1.6E+01
				5.0E-02	I					1			1.4E+09		~Zinc Cyanide	557-21-1					3.9E+03			3.9E+03
						6.0E+00	I	V		1		1.2E+02	1.4E+09	1.1E+03	Cyclohexane	110-82-7							7.0E+03	7.0E+03
2.3E-02	H									1	0.1		1.4E+09		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.8E+01	8.8E+01		2.1E+01				
				5.0E+00	I	7.0E-01	P			1	0.1		1.4E+09		Cyclohexanone	108-94-1					3.9E+05	1.4E+06	9.9E+08	3.1E+05
				2.0E-01	I					1	0.1		1.4E+09		Cyclohexylamine	108-91-8					1.6E+04	5.6E+04		1.2E+04
				5.0E-03	I					1	0.1		1.4E+09		Cyhalothrin/karate	68085-85-8					3.9E+02	1.4E+03		3.1E+02
				1.0E-02	I					1	0.1		1.4E+09		Cypermethrin	52315-07-8					7.8E+02	2.8E+03		6.1E+02
				7.5E-03	I					1	0.1		1.4E+09		Cyromazine	66215-27-8					5.9E+02	2.1E+03		4.6E+02
2.4E-01	I	6.9E-05	C							1	0.1		1.4E+09		DDD	72-54-8	2.7E+00	8.4E+00	4.8E+04	2.0E+00				
3.4E-01	I	9.7E-05	C							1	0.1		1.4E+09		DDE, p,p'-	72-55-9	1.9E+00	5.9E+00	3.4E+04	1.4E+00				
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		1.4E+09		DDT	50-29-3	1.9E+00	2.0E+01	3.4E+04	1.7E+00	3.9E+01	4.7E+02		3.6E+01
				1.0E-02	I					1	0.1		1.4E+09		Dacthal	1861-32-1					7.8E+02	2.8E+03		6.1E+02
				3.0E-02	I					1	0.1		1.4E+09		Dalapon	75-99-0					2.3E+03	8.4E+03		1.8E+03
7.0E-04	I			7.0E-03	I					1	0.1		1.4E+09		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.1E+02	2.9E+03		6.9E+02	5.5E+02	2.0E+03		4.3E+02
				4.0E-05	I					1	0.1		1.4E+09		Demeton	8065-48-3					3.1E+00	1.1E+01		2.4E+00
1.2E-03	I			6.0E-01	I					1	0.1		1.4E+09		Di(2-ethylhexyl)adipate	103-23-1	5.3E+02	1.7E+03		4.1E+02	4.7E+04	1.7E+05		3.7E+04
6.1E-02	H									1	0.1		1.4E+09		Diallate	2303-16-4	1.0E+01	3.3E+01		8.0E+00				
				7.0E-04	A					1	0.1		1.4E+09		Diazinon	333-41-5					5.5E+01	2.0E+02		4.3E+01

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	1.4E+09	3.4E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	1.9E-01		5.5E-03	5.4E-03	1.6E+01		7.2E+00	4.9E+00
				1.0E-02	I					1	0.1		1.4E+09		Dibromobenzene, 1,4-	106-37-6					7.8E+02	2.8E+03		6.1E+02
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	8.0E+02	1.4E+09	8.6E+03	Dibromochloromethane	124-48-1	7.6E+00	2.4E+01	7.7E-01	6.8E-01	1.6E+03	5.6E+03		1.2E+03
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	1.4E+09	9.3E+03	Dibromoethane, 1,2-	106-93-4	3.2E-01		3.8E-02	3.4E-02	7.0E+02		8.7E+01	7.8E+01
				1.0E-02	H	4.0E-03	X	V		1		2.8E+03	1.4E+09	6.1E+03	Dibromomethane (Methylene Bromide)	74-95-3					7.8E+02		2.5E+01	2.5E+01
				1.0E-01	I					1	0.1		1.4E+09		Dibutyl Phthalate	84-74-2					7.8E+03	2.8E+04		6.1E+03
				3.0E-04	P					1	0.1		1.4E+09		Dibutyltin Compounds	NA					2.3E+01	8.4E+01		1.8E+01
				3.0E-02	I					1	0.1		1.4E+09		Dicamba	1918-00-9					2.3E+03	8.4E+03		1.8E+03
		4.2E-03	P					V		1		5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, 1,4-	764-41-0			6.9E-03	6.9E-03				
		4.2E-03	P					V		1	0.1	5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, cis-1,4-	1476-11-5			6.9E-03	6.9E-03				
		4.2E-03	P					V		1	0.1	7.6E+02	1.4E+09	1.2E+04	Dichloro-2-butene, trans-1,4-	110-57-6			6.9E-03	6.9E-03				
5.0E-02	I			4.0E-03	I					1	0.1		1.4E+09		Dichloroacetic Acid	79-43-6	1.3E+01	4.0E+01		9.7E+00	3.1E+02	1.1E+03		2.4E+02
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	1.4E+09	1.3E+04	Dichlorobenzene, 1,2-	95-50-1					7.0E+03		2.6E+03	1.9E+03
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			1.4E+09	1.1E+04	Dichlorobenzene, 1,4-	106-46-7	1.2E+02		2.5E+00	2.4E+00	5.5E+03		9.4E+03	3.5E+03
4.5E-01	I	3.4E-04	C							1	0.1		1.4E+09		Dichlorobenzidine, 3,3'-	91-94-1	1.4E+00	4.5E+00	9.7E+03	1.1E+00				
				9.0E-03	X					1	0.1		1.4E+09		Dichlorobenzophenone, 4,4'-	90-98-2					7.0E+02	2.5E+03		5.5E+02
				2.0E-01	I	1.0E-01	X	V		1		8.5E+02	1.4E+09	9.1E+02	Dichlorodifluoromethane	75-71-8					1.6E+04		9.4E+01	9.4E+01
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.7E+03	1.4E+09	2.2E+03	Dichloroethane, 1,1-	75-34-3	1.1E+02		3.4E+00	3.3E+00	1.6E+04			1.6E+04
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	1.4E+09	4.9E+03	Dichloroethane, 1,2-	107-06-2	7.0E+00		4.6E-01	4.3E-01	4.7E+02		3.6E+01	3.3E+01
				5.0E-02	I	2.0E-01	I	V		1		1.2E+03	1.4E+09	1.2E+03	Dichloroethylene, 1,1-	75-35-4					3.9E+03		2.6E+02	2.4E+02
				9.0E-03	H			V		1		1.3E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					7.0E+02			7.0E+02
				2.0E-03	I			V		1		2.4E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-cis-	156-59-2					1.6E+02			1.6E+02
				2.0E-02	I	6.0E-02	P	V		1		1.7E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-trans-	156-60-5					1.6E+03		1.7E+02	1.5E+02
				3.0E-03	I					1	0.1		1.4E+09		Dichlorophenol, 2,4-	120-83-2					2.3E+02	8.4E+02		1.8E+02
				1.0E-02	I					1	0.05		1.4E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					7.8E+02	5.6E+03		6.9E+02
				8.0E-03	I					1	0.1		1.4E+09		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					6.3E+02	2.2E+03		4.9E+02
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	1.4E+09	4.1E+03	Dichloropropane, 1,2-	78-87-5	1.8E+01		9.9E-01	9.4E-01	7.0E+03		1.7E+01	1.7E+01
				2.0E-02	P			V		1		1.5E+03	1.4E+09	7.3E+03	Dichloropropane, 1,3-	142-28-9					1.6E+03			1.6E+03
				3.0E-03	I					1	0.1		1.4E+09		Dichloropropanol, 2,3-	616-23-9					2.3E+02	8.4E+02		1.8E+02
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	1.4E+09	3.8E+03	Dichloropropene, 1,3-	542-75-6	6.4E+00		2.3E+00	1.7E+00	2.3E+03		8.0E+01	7.7E+01
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		1.4E+09		Dichlorvos	62-73-7	2.2E+00	7.0E+00	4.0E+04	1.7E+00	3.9E+01	1.4E+02	7.1E+05	3.1E+01
				8.0E-03	P	7.0E-03	P	V		1		1.3E+02	1.4E+09	4.4E+03	Dicyclopentadiene	77-73-6					6.3E+02		3.2E+01	3.1E+01
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		1.4E+09		Dieldrin	60-57-1	4.0E-02	1.3E-01	7.2E+02	3.0E-02	3.9E+00	1.4E+01		3.1E+00
		3.0E-04	C			5.0E-03	I			1	0.1				Diesel Engine Exhaust	NA								
						3.0E-03	C			1	0.1		1.4E+09		Diethanolamine	111-42-2							4.3E+06	4.3E+06
				8.0E-01	I					1	0.1		1.4E+09		Diethyl Phthalate	84-66-2					6.3E+04	2.2E+05		4.9E+04
				3.0E-02	P	1.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monobutyl Ether	112-34-5					2.3E+03	8.4E+03	1.4E+05	1.8E+03
				6.0E-02	P	3.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monoethyl Ether	111-90-0					4.7E+03	1.7E+04	4.3E+05	3.6E+03
				1.0E-03	P					1	0.1		1.4E+09		Diethylformamide	617-84-5					7.8E+01	2.8E+02		6.1E+01
3.5E+02	C	1.0E-01	C							1	0.1		1.4E+09		Diethylstilbestrol	56-53-1	1.8E-03	5.8E-03	3.3E+01	1.4E-03				
				8.0E-02	I					1	0.1		1.4E+09		Difenzoquat	43222-48-6					6.3E+03	2.2E+04		4.9E+03
				2.0E-02	I					1	0.1		1.4E+09		Diflubenzuron	35367-38-5					1.6E+03	5.6E+03		1.2E+03
						4.0E+01	I	V		1		1.4E+03	1.4E+09	1.2E+03	Difluoroethane, 1,1-	75-37-6							5.2E+04	5.2E+04
4.4E-02	C	1.3E-05	C							1	0.1		1.4E+09		Dihydrosafrole	94-58-6	1.5E+01	4.6E+01	2.5E+05	1.1E+01				
						7.0E-01	P	V		1		2.3E+03	1.4E+09	3.3E+03	Diisopropyl Ether	108-20-3							2.4E+03	2.4E+03
				8.0E-02	I			V		1		5.3E+02	1.4E+09	3.1E+04	Diisopropyl Methylphosphonate	1445-75-6					6.3E+03			6.3E+03
				2.0E-02	I					1	0.1		1.4E+09		Dimethipin	55290-64-7					1.6E+03	5.6E+03		1.2E+03
				2.0E-04	I					1	0.1		1.4E+09		Dimethoate	60-51-5					1.6E+01	5.6E+01		1.2E+01
1.4E-02	H									1	0.1		1.4E+09		Dimethoxybenzidine, 3,3'-	119-90-4	4.6E+01	1.4E+02		3.5E+01				
1.7E-03	P			6.0E-02	P					1	0.1		1.4E+09		Dimethyl methylphosphonate	756-79-6	3.8E+02	1.2E+03		2.9E+02	4.7E+03	1.7E+04		3.7E+03
4.6E+00	C	1.3E-03	C							1	0.1		1.4E+09		Dimethylamino azobenzene [p-]	60-11-7	1.4E-01	4.4E-01	2.5E+03	1.1E-01				
5.8E-01	H									1	0.1		1.4E+09		Dimethylaniline HCl, 2,4-	21436-96-4	1.1E+00	3.5E+00		8.4E-01				
2.0E-01	P			2.0E-03	X					1	0.1		1.4E+09		Dimethylaniline, 2,4-	95-68-1	3.2E+00	1.0E+01		2.4E+00	1.6E+02	5.6E+02		1.2E+02
				2.0E-03	I			V		1		8.3E+02	1.4E+09	3.4E+04	Dimethylaniline, N,N-	121-69-7					1.6E+02			1.6E+02
1.1E+01	P									1	0.1		1.4E+09		Dimethylbenzidine, 3,3'-	119-93-7	5.8E-02	1.8E-01		4.4E-02				
				1.0E-01	P	3.0E-02	I			1	0.1		1.4E+09		Dimethylformamide	68-12-2					7.8E+03	2.8E+04	4.3E+07	6.1E+03
				1.0E-04	X	2.0E-06	X			1	0.1		1.4E+09		Dimethylhydrazine, 1,1-	57-14-7					7.8E+00	2.8E+01	2.8E+03	6.1E+00
5.5E+02	C	1.6E-01	C							1	0.1		1.4E+09		Dimethylhydrazine, 1,2-	540-73-8	1.2E-03	3.7E-03	2.1E+01	8.8E-04				
				2.0E-02	I					1	0.1		1.4E+09		Dimethylphenol, 2,4-	105-67-9					1.6E+03	5.6E+03		1.2E+03
				6.0E-04	I					1	0.1		1.4E+09		Dimethylphenol, 2,6-	576-26-1					4.7E+01	1.7E+02		3.7E+01
				1.0E-03	I					1	0.1		1.4E+09		Dimethylphenol, 3,4-	95-65-8					7.8E+01	2.8E+02		6.1E+01
				1.0E-01	I			V		1		5.5E+00	1.4E+09	2.3E+04	Dimethylterephthalate	120-61-6					7.8E+03			7.8E+03
4.5E-02	C	1.3E-05	C							1	0.1		1.4E+09		Dimethylvinylchloride	513-37-1	1.4E+01	4.5E+01	2.5E+05	1.1E+01				
				8.0E-05	X					1	0.1		1.4E+09		Dinitro-o-cresol, 4,6-	534-52-1					6.3E+00	2.2E+01		4.9E+00
				2.0E-03	I					1	0.1		1.4E+09		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					1.6E+02	5.6E+02		1.2E+02

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,2-	528-29-0					7.8E+00	2.8E+01		6.1E+00
				1.0E-04	I					1	0.1		1.4E+09		Dinitrobenzene, 1,3-	99-65-0					7.8E+00	2.8E+01		6.1E+00
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,4-	100-25-4					7.8E+00	2.8E+01		6.1E+00
				2.0E-03	I					1	0.1		1.4E+09		Dinitrophenol, 2,4-	51-28-5					1.6E+02	5.6E+02		1.2E+02
6.8E-01	I									1	0.1		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	9.4E-01	3.0E+00		7.2E-01				
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	2.1E+00	6.4E+00	3.7E+04	1.6E+00	1.6E+02	5.5E+02		1.2E+02
				1.0E-03	P					1	0.099		1.4E+09		Dinitrotoluene, 2,6-	606-20-2					7.8E+01	2.8E+02		6.1E+01
				2.0E-03	S					1	0.006		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					1.6E+02	9.3E+03		1.5E+02
				2.0E-03	S					1	0.009		1.4E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					1.6E+02	6.2E+03		1.5E+02
				1.0E-03	I					1	0.1		1.4E+09		Dinoseb	88-85-7					7.8E+01	2.8E+02		6.1E+01
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		1.4E+09		Dioxane, 1,4-	123-91-1	6.4E+00	2.0E+01	4.3E+05	4.9E+00	2.3E+03	8.4E+03	4.3E+09	1.8E+03
															Dioxins									
6.2E+03	I	1.3E+00	I							1	0.03		1.4E+09		~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.0E-04	1.1E-03	2.5E+00	9.4E-05				
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03		1.4E+09		~TCDD, 2,3,7,8-	1746-01-6	4.9E-06	5.2E-05	8.7E-02	4.5E-06	7.8E-05	9.3E-04	5.7E+01	7.2E-05
				3.0E-02	I					1	0.1		1.4E+09		Diphenamid	957-51-7					2.3E+03	8.4E+03		1.8E+03
				8.0E-04	X					1	0.1		1.4E+09		Diphenyl Sulfone	127-63-9					6.3E+01	2.2E+02		4.9E+01
				2.5E-02	I					1	0.1		1.4E+09		Diphenylamine	122-39-4					2.0E+03	7.0E+03		1.5E+03
8.0E-01	I	2.2E-04	I							1	0.1		1.4E+09		Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	2.5E+00	1.5E+04	6.1E-01				
				2.2E-03	I					1	0.1		1.4E+09		Diquat	85-00-7					1.7E+02	6.1E+02		1.3E+02
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Black 38	1937-37-7	8.7E-02	2.7E-01	1.6E+03	6.6E-02				
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Blue 6	2602-46-2	8.7E-02	2.7E-01	1.6E+03	6.6E-02				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Direct Brown 95	16071-86-6	9.6E-02	3.0E-01	1.7E+03	7.3E-02				
				4.0E-05	I					1	0.1		1.4E+09		Disulfoton	298-04-4					3.1E+00	1.1E+01		2.4E+00
				1.0E-02	I					1	0.1		1.4E+09		Dithiane, 1,4-	505-29-3					7.8E+02	2.8E+03		6.1E+02
				2.0E-03	I					1	0.1		1.4E+09		Diuron	330-54-1					1.6E+02	5.6E+02		1.2E+02
				4.0E-03	I					1	0.1		1.4E+09		Dodine	2439-10-3					3.1E+02	1.1E+03		2.4E+02
				2.5E-02	I			V		1		4.1E+02	1.4E+09	1.3E+05	EPTC	759-94-4					2.0E+03			2.0E+03
				6.0E-03	I					1	0.1		1.4E+09		Endosulfan	115-29-7					4.7E+02	1.7E+03		3.7E+02
				2.0E-02	I					1	0.1		1.4E+09		Endothall	145-73-3					1.6E+03	5.6E+03		1.2E+03
				3.0E-04	I					1	0.1		1.4E+09		Endrin	72-20-8					2.3E+01	8.4E+01		1.8E+01
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	1.4E+09	2.0E+04	Epichlorohydrin	106-89-8	6.5E+01		4.1E+01	2.5E+01	4.7E+02		2.1E+01	2.0E+01
						2.0E-02	I	V		1		1.5E+04	1.4E+09	8.2E+03	Epoxybutane, 1,2-	106-88-7							1.7E+02	1.7E+02
				5.0E-03	I					1	0.1		1.4E+09		Ethephon	16672-87-0					3.9E+02	1.4E+03		3.1E+02
				5.0E-04	I					1	0.1		1.4E+09		Ethion	563-12-2					3.9E+01	1.4E+02		3.1E+01
				1.0E-01	P	6.0E-02	P			1	0.1		1.4E+09		Ethoxyethanol Acetate, 2-	111-15-9					7.8E+03	2.8E+04	8.5E+07	6.1E+03
				4.0E-01	H	2.0E-01	I			1	0.1		1.4E+09		Ethoxyethanol, 2-	110-80-5					3.1E+04	1.1E+05	2.8E+08	2.4E+04
				9.0E-01	I			V		1		1.1E+04	1.4E+09	9.3E+03	Ethyl Acetate	141-78-6					7.0E+04			7.0E+04
4.8E-02	H							V		1		2.5E+03	1.4E+09	6.8E+03	Ethyl Acrylate	140-88-5	1.3E+01			1.3E+01				
						1.0E+01	I	V		1		2.1E+03	1.4E+09	1.4E+03	Ethyl Chloride	75-00-3							1.5E+04	1.5E+04
				2.0E-01	I			V		1		1.0E+04	1.4E+09	3.4E+03	Ethyl Ether	60-29-7					1.6E+04			1.6E+04
				9.0E-02	H	3.0E-01	P	V		1		1.1E+03	1.4E+09	6.2E+03	Ethyl Methacrylate	97-63-2					7.0E+03		1.9E+03	1.5E+03
				1.0E-05	I					1	0.1		1.4E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					7.8E-01	2.8E+00		6.1E-01
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	1.4E+09	6.1E+03	Ethylbenzene	100-41-4	5.8E+01		5.9E+00	5.4E+00	7.8E+03		6.4E+03	3.5E+03
				3.0E-02	P					1	0.1		1.4E+09		Ethylene Cyanohydrin	109-78-4					2.3E+03	8.4E+03		1.8E+03
				9.0E-02	P					1	0.1		1.4E+09		Ethylene Diamine	107-15-3					7.0E+03	2.5E+04		5.5E+03
				2.0E+00	I	4.0E-01	C			1	0.1		1.4E+09		Ethylene Glycol	107-21-1					1.6E+05	5.6E+05	5.7E+08	1.2E+05
				1.0E-01	I	1.6E+00	I			1	0.1		1.4E+09		Ethylene Glycol Monobutyl Ether	111-76-2					7.8E+03	2.8E+04	2.3E+09	6.1E+03
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	1.4E+09	6.6E+03	Ethylene Oxide	75-21-8	2.1E+00		1.8E-01	1.7E-01			2.0E+02	2.0E+02
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		1.4E+09		Ethylene Thiourea	96-45-7	1.4E+01	4.5E+01	2.5E+05	1.1E+01	6.3E+00	2.2E+01		4.9E+00
6.5E+01	C	1.9E-02	C							1	0.1		1.4E+09		Ethyleneimine	151-56-4	9.9E-03	3.1E-02	1.7E+02	7.5E-03				
				3.0E+00	I					1	0.1		1.4E+09		Ethylphthalyl Ethyl Glycolate	84-72-0					2.3E+05	8.4E+05		1.8E+05
				8.0E-03	I					1	0.1		1.4E+09		Express	101200-48-0					6.3E+02	2.2E+03		4.9E+02
				2.5E-04	I					1	0.1		1.4E+09		Fenamiphos	22224-92-6					2.0E+01	7.0E+01		1.5E+01
				2.5E-02	I					1	0.1		1.4E+09		Fenpropathrin	39515-41-8					2.0E+03	7.0E+03		1.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Fluometuron	2164-17-2					1.0E+03	3.6E+03		7.9E+02
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Fluoride	16984-48-8					3.1E+03		1.8E+07	3.1E+03
				6.0E-02	I	1.3E-02	C			1			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4					4.7E+03		1.8E+07	4.7E+03
				8.0E-02	I					1	0.1		1.4E+09		Fluridone	59756-60-4					6.3E+03	2.2E+04		4.9E+03
				2.0E-02	I					1	0.1		1.4E+09		Flurprimidol	56425-91-3					1.6E+03	5.6E+03		1.2E+03
				6.0E-02	I					1	0.1		1.4E+09		Flutolanil	66332-96-5					4.7E+03	1.7E+04		3.7E+03
				1.0E-02	I					1	0.1		1.4E+09		Fluvalinate	69409-94-5					7.8E+02	2.8E+03		6.1E+02
3.5E-03	I			1.0E-01	I					1	0.1		1.4E+09		Folpet	133-07-3	1.8E+02	5.8E+02		1.4E+02	7.8E+03	2.8E+04		6.1E+03
1.9E-01	I									1	0.1		1.4E+09		Fomesafen	72178-02-0	3.4E+00	1.1E+01		2.6E+00				
				2.0E-03	I					1	0.1		1.4E+09		Fonofos	944-22-9					1.6E+02	5.6E+02		1.2E+02
		1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1		1.4E+09		Formaldehyde	50-00-0			2.5E+05	2.5E+05	1.6E+04	5.6E+04	1.4E+07	1.2E+04

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				9.0E-01	P	3.0E-04	X			1	0.1		1.4E+09		Formic Acid	64-18-6					7.0E+04	2.5E+05	4.3E+05	4.9E+04
				3.0E+00	I					1	0.1		1.4E+09		Fosetyl-AL	39148-24-8					2.3E+05	8.4E+05		1.8E+05
															Furans									
				1.0E-03	X			V		1		1.7E+02	1.4E+09	2.1E+05	~Dibenzofuran	132-64-9					7.8E+01			7.8E+01
				1.0E-03	I			V		1		6.2E+03	1.4E+09	2.8E+03	~Furan	110-00-9					7.8E+01			7.8E+01
3.8E+00	H									1	0.1		1.4E+09		Furazolidone	67-45-8	1.7E-01	5.3E-01		1.3E-01				
				3.0E-03	I	5.0E-02	H			1	0.1		1.4E+09		Furfural	98-01-1					2.3E+02	8.4E+02	7.1E+07	1.8E+02
1.5E+00	C	4.3E-04	C							1	0.1		1.4E+09		Furium	531-82-8	4.3E-01	1.3E+00	7.7E+03	3.2E-01				
3.0E-02	I	8.6E-06	C							1	0.1		1.4E+09		Furmecyclox	60568-05-0	2.1E+01	6.7E+01	3.8E+05	1.6E+01				
				4.0E-04	I					1	0.1		1.4E+09		Glufosinate, Ammonium	77182-82-2					3.1E+01	1.1E+02		2.4E+01
						8.0E-05	C			1	0.1		1.4E+09		Glutaraldehyde	111-30-8							1.1E+05	1.1E+05
				4.0E-04	I	1.0E-03	H			1	0.1		1.4E+09		Glycidyl	765-34-4					3.1E+01	1.1E+02	1.4E+06	2.4E+01
				1.0E-01	I					1	0.1		1.4E+09		Glyphosate	1071-83-6					7.8E+03	2.8E+04		6.1E+03
				3.0E-03	I					1	0.1		1.4E+09		Goal	42874-03-3					2.3E+02	8.4E+02		1.8E+02
				3.0E-03	A	1.0E-02	A			1	0.1		1.4E+09		Guthion	86-50-0					2.3E+02	8.4E+02	1.4E+07	1.8E+02
				5.0E-05	I					1	0.1		1.4E+09		Haloxyfop, Methyl	69806-40-2					3.9E+00	1.4E+01		3.1E+00
				1.3E-02	I					1	0.1		1.4E+09		Harmony	79277-27-3					1.0E+03	3.6E+03		7.9E+02
4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1		1.4E+09		Heptachlor	76-44-8	1.4E-01	4.5E-01	2.5E+03	1.1E-01	3.9E+01	1.4E+02		3.1E+01
9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		1.4E+09		Heptachlor Epoxide	1024-57-3	7.0E-02	2.2E-01	1.3E+03	5.3E-02	1.0E+00	3.6E+00		7.9E-01
				2.0E-03	I					1	0.1		1.4E+09		Hexabromobenzene	87-82-1					1.6E+02	5.6E+02		1.2E+02
				2.0E-04	I					1	0.1		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					1.6E+01	5.6E+01		1.2E+01
1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		1.4E+09		Hexachlorobenzene	118-74-1	4.0E-01	1.3E+00	7.2E+03	3.0E-01	6.3E+01	2.2E+02		4.9E+01
7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		1.4E+09		Hexachlorobutadiene	87-68-3	8.2E+00	2.6E+01	1.5E+05	6.2E+00	7.8E+01	2.8E+02		6.1E+01
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	1.0E-01	3.2E-01	1.8E+03	7.7E-02	6.3E+02	2.2E+03		4.9E+02
1.8E+00	I	5.3E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	3.6E-01	1.1E+00	6.2E+03	2.7E-01				
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	5.8E-01	4.6E+00	1.1E+04	5.2E-01	2.3E+01	2.1E+02		2.1E+01
1.8E+00	I	5.1E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	3.6E-01	1.1E+00	6.5E+03	2.7E-01				
				6.0E-03	I	2.0E-04	I			1	0.1		1.4E+09		Hexachlorocyclopentadiene	77-47-4					4.7E+02	1.7E+03	2.8E+05	3.7E+02
1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1		1.4E+09		Hexachloroethane	67-72-1	4.6E+01	1.4E+02	8.3E+05	3.5E+01	7.8E+01	2.8E+02		6.1E+01
				3.0E-04	I					1	0.1		1.4E+09		Hexachlorophene	70-30-4					2.3E+01	8.4E+01		1.8E+01
1.1E-01	I			3.0E-03	I					1	0.015		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	5.8E+00	1.2E+02		5.6E+00	2.3E+02	5.6E+03		2.3E+02
						1.0E-05	I	V		1		5.2E+03	1.4E+09	3.2E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							3.4E+00	3.4E+00
				6.0E-02	H	7.0E-01	I	V		1		1.4E+02	1.4E+09	8.9E+02	Hexane, N-	110-54-3					4.7E+03		6.5E+02	5.7E+02
				2.0E+00	P					1	0.1		1.4E+09		Hexanedioic Acid	124-04-9					1.6E+05	5.6E+05		1.2E+05
				5.0E-03	I	3.0E-02	I	V		1		3.3E+03	1.4E+09	1.4E+04	Hexanone, 2-	591-78-6					3.9E+02		4.5E+02	2.1E+02
				3.3E-02	I					1	0.1		1.4E+09		Hexazinone	51235-04-2					2.6E+03	9.2E+03		2.0E+03
3.0E+00	I	4.9E-03	I			3.0E-05	P			1			1.4E+09		Hydrazine	302-01-2	2.1E-01		6.8E+02	2.1E-01			4.3E+04	4.3E+04
3.0E+00	I	4.9E-03	I							1			1.4E+09		Hydrazine Sulfate	10034-93-2	2.1E-01		6.8E+02	2.1E-01				
						2.0E-02	I			1			1.4E+09		Hydrogen Chloride	7647-01-0							2.8E+07	2.8E+07
				4.0E-02	C	1.4E-02	C			1			1.4E+09		Hydrogen Fluoride	7664-39-3					3.1E+03		2.0E+07	3.1E+03
						2.0E-03	I			1			1.4E+09		Hydrogen Sulfide	7783-06-4							2.8E+06	2.8E+06
6.0E-02	P			4.0E-02	P					1	0.1		1.4E+09		Hydroquinone	123-31-9	1.1E+01	3.4E+01		8.1E+00	3.1E+03	1.1E+04		2.4E+03
				1.3E-02	I					1	0.1		1.4E+09		Imazalil	35554-44-0					1.0E+03	3.6E+03		7.9E+02
				2.5E-01	I					1	0.1		1.4E+09		Imazaquin	81335-37-7					2.0E+04	7.0E+04		1.5E+04
				1.0E-02	A					1			1.4E+09		Iodine	7553-56-2					7.8E+02			7.8E+02
				4.0E-02	I					1	0.1		1.4E+09		Iprodione	36734-19-7					3.1E+03	1.1E+04		2.4E+03
				7.0E-01	P					1			1.4E+09		Iron	7439-89-6					5.5E+04			5.5E+04
				3.0E-01	I			V		1		1.0E+04	1.4E+09	3.0E+04	Isobutyl Alcohol	78-83-1					2.3E+04			2.3E+04
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		1.4E+09		Isophorone	78-59-1	6.7E+02	2.1E+03		5.1E+02	1.6E+04	5.6E+04	2.8E+09	1.2E+04
				1.5E-02	I					1	0.1		1.4E+09		Isopropalin	33820-53-0					1.2E+03	4.2E+03		9.2E+02
						7.0E+00	C			1	0.1		1.4E+09		Isopropanol	67-63-0							9.9E+09	9.9E+09
				1.0E-01	I					1	0.1		1.4E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+03	2.8E+04		6.1E+03
				5.0E-02	I					1	0.1		1.4E+09		Isoxaben	82558-50-7					3.9E+03	1.4E+04		3.1E+03
						3.0E-01	A	V		1			1.4E+09		JP-7	NA							4.3E+08	4.3E+08
				7.5E-02	I					1	0.1		1.4E+09		Kerb	23950-58-5					5.9E+03	2.1E+04		4.6E+03
				2.0E-03	I					1	0.1		1.4E+09		Lactofen	77501-63-4					1.6E+02	5.6E+02		1.2E+02
															Lead Compounds									
2.8E-01	C	8.0E-05	C							1	0.1		1.4E+09		~Lead acetate	301-04-2	2.3E+00	7.2E+00	4.1E+04	1.7E+00				
										1			1.4E+09		~Lead and Compounds	7439-92-1								4.0E+02
3.8E-02	C	1.1E-05	C							1	0.1		1.4E+09		~Lead subacetate	1335-32-6	1.7E+01	5.3E+01	3.0E+05	1.3E+01				
				1.0E-07	I					1	0.1		1.4E+09		~Tetraethyl Lead	78-00-2					7.8E-03	2.8E-02		6.1E-03
				2.0E-03	I					1	0.1		1.4E+09		Linuron	330-55-2					1.6E+02	5.6E+02		1.2E+02
				2.0E-03	P					1			1.4E+09		Lithium	7439-93-2					1.6E+02			1.6E+02
				2.0E-01	I					1	0.1		1.4E+09		Londax	83055-99-6					1.6E+04	5.6E+04		1.2E+04
				5.0E-04	I					1	0.1		1.4E+09		MCPA	94-74-6					3.9E+01	1.4E+02		3.1E+01

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-02	I					1	0.1		1.4E+09		MCPB	94-81-5					7.8E+02	2.8E+03		6.1E+02
				1.0E-03	I					1	0.1		1.4E+09		MCPP	93-65-2					7.8E+01	2.8E+02		6.1E+01
				2.0E-02	I					1	0.1		1.4E+09		Malathion	121-75-5					1.6E+03	5.6E+03		1.2E+03
				1.0E-01	I	7.0E-04	C			1	0.1		1.4E+09		Maleic Anhydride	108-31-6					7.8E+03	2.8E+04	9.9E+05	6.1E+03
				5.0E-01	I					1	0.1		1.4E+09		Maleic Hydrazide	123-33-1					3.9E+04	1.4E+05		3.1E+04
				1.0E-04	P					1	0.1		1.4E+09		Malononitrile	109-77-3					7.8E+00	2.8E+01		6.1E+00
				3.0E-02	H					1	0.1		1.4E+09		Mancozeb	8018-01-7					2.3E+03	8.4E+03		1.8E+03
				5.0E-03	I					1	0.1		1.4E+09		Maneb	12427-38-2					3.9E+02	1.4E+03		3.1E+02
				1.4E-01	I	5.0E-05	I			1					Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I			0.04			1.4E+09		Manganese (Non-diet)	7439-96-5					1.9E+03		7.1E+04	1.8E+03
				9.0E-05	H					1	0.1		1.4E+09		Mephosfolan	950-10-7					7.0E+00	2.5E+01		5.5E+00
				3.0E-02	I					1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					2.3E+03	8.4E+03		1.8E+03
															Mercury Compounds									
				3.0E-04	I	3.0E-05	C			0.07			1.4E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+01		4.3E+04	2.3E+01
						3.0E-04	I	V		1		3.1E+00	1.4E+09	3.2E+04	~Mercury (elemental)	7439-97-6							1.0E+01	1.0E+01
				1.0E-04	I					1			1.4E+09		~Methyl Mercury	22967-92-6					7.8E+00			7.8E+00
				8.0E-05	I					1	0.1		1.4E+09		~Phenylmercuric Acetate	62-38-4					6.3E+00	2.2E+01		4.9E+00
				3.0E-05	I					1	0.1		1.4E+09		Merphos	150-50-5					2.3E+00	8.4E+00		1.8E+00
				3.0E-05	I					1	0.1		1.4E+09		Merphos Oxide	78-48-8					2.3E+00	8.4E+00		1.8E+00
				6.0E-02	I					1	0.1		1.4E+09		Metalaxyl	57837-19-1					4.7E+03	1.7E+04		3.7E+03
				1.0E-04	I	7.0E-04	H	V		1		4.6E+03	1.4E+09	7.3E+03	Methacrylonitrile	126-98-7					7.8E+00		5.3E+00	3.2E+00
				5.0E-05	I					1	0.1		1.4E+09		Methamidophos	10265-92-6					3.9E+00	1.4E+01		3.1E+00
				5.0E-01	I	4.0E+00	C			1	0.1		1.4E+09		Methanol	67-56-1					3.9E+04	1.4E+05	5.7E+09	3.1E+04
				1.0E-03	I					1	0.1		1.4E+09		Methidathion	950-37-8					7.8E+01	2.8E+02		6.1E+01
				2.5E-02	I					1	0.1		1.4E+09		Methomyl	16752-77-5					2.0E+03	7.0E+03		1.5E+03
4.9E-02	C	1.4E-05	C							1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	1.3E+01	4.1E+01	2.4E+05	9.9E+00				
				5.0E-03	I					1	0.1		1.4E+09		Methoxychlor	72-43-5					3.9E+02	1.4E+03		3.1E+02
				8.0E-03	P	1.0E-03	P			1	0.1		1.4E+09		Methoxyethanol Acetate, 2-	110-49-6					6.3E+02	2.2E+03	1.4E+06	4.9E+02
				5.0E-03	P	2.0E-02	I			1	0.1		1.4E+09		Methoxyethanol, 2-	109-86-4					3.9E+02	1.4E+03	2.8E+07	3.1E+02
				1.0E+00	X			V		1		2.9E+04	1.4E+09	8.7E+03	Methyl Acetate	79-20-9					7.8E+04			7.8E+04
				3.0E-02	H			V		1		6.8E+03	1.4E+09	7.5E+03	Methyl Acrylate	96-33-3					2.3E+03			2.3E+03
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	1.4E+09	1.3E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+04		6.8E+04	2.8E+04
		1.0E-03	X	1.0E-03	P	2.0E-05	X			1	0.1		1.4E+09		Methyl Hydrazine	60-34-4			3.3E+03	3.3E+03	7.8E+01	2.8E+02	2.8E+04	6.1E+01
				8.0E-02	H	3.0E+00	I	V		1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					6.3E+03		3.6E+04	5.3E+03
						1.0E-03	C			1	0.1		1.4E+09		Methyl Isocyanate	624-83-9							1.4E+06	1.4E+06
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	1.4E+09	6.8E+03	Methyl Methacrylate	80-62-6					1.1E+05		5.0E+03	4.8E+03
				2.5E-04	I					1	0.1		1.4E+09		Methyl Parathion	298-00-0					2.0E+01	7.0E+01		1.5E+01
				6.0E-02	X					1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					4.7E+03	1.7E+04		3.7E+03
				6.0E-03	H	4.0E-02	H	V		1		3.8E+02	1.4E+09	1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					4.7E+02		5.1E+02	2.5E+02
9.9E-02	C	2.8E-05	C							1	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	6.5E+00	2.0E+01	1.2E+05	4.9E+00				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	1.4E+09	5.3E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.6E+02		4.9E+01	4.3E+01			1.7E+04	1.7E+04
				2.0E-04	X					1	0.1		1.4E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					1.6E+01	5.6E+01		1.2E+01
9.0E-03	P			2.0E-02	X					1	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	7.1E+01	2.2E+02		5.4E+01	1.6E+03	5.6E+03		1.2E+03
8.3E+00	C	2.4E-03	C							1	0.1		1.4E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	7.7E-02	2.4E-01	1.4E+03	5.9E-02				
1.3E-01	C	3.7E-05	C							1	0.1		1.4E+09		Methylaniline Hydrochloride, 2-	636-21-5	4.9E+00	1.6E+01	8.9E+04	3.7E+00				
				1.0E-02	A					1	0.1		1.4E+09		Methylarsonic acid	124-58-3					7.8E+02	2.8E+03		6.1E+02
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					1.6E+01	5.6E+01		1.2E+01
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9					1.6E+01	5.6E+01		1.2E+01
2.2E+01	C	6.3E-03	C						M	1	0.1		1.4E+09		Methylcholanthrene, 3-	56-49-5	6.8E-03	2.3E-02	2.1E+02	5.2E-03				
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		1		3.3E+03	1.4E+09	2.4E+03	Methylene Chloride	75-09-2	8.5E+01		1.2E+01	1.1E+01	4.7E+03		2.6E+03	1.7E+03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		1.4E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.5E+00	5.1E+00	3.0E+03	1.2E+00	1.6E+02	5.6E+02		1.2E+02
4.6E-02	I	1.3E-05	C							1	0.1		1.4E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.4E+01	4.4E+01	2.5E+05	1.1E+01				
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		1.4E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	4.0E-01	1.3E+00	7.2E+03	3.0E-01			2.8E+07	2.8E+07
						6.0E-04	I			1	0.1		1.4E+09		Methylenediphenyl Diisocyanate	101-68-8							8.5E+05	8.5E+05
				7.0E-02	H			V		1		5.0E+02	1.4E+09	1.4E+04	Methylstyrene, Alpha-	98-83-9					5.5E+03			5.5E+03
				1.5E-01	I					1	0.1		1.4E+09		Metolachlor	51218-45-2					1.2E+04	4.2E+04		9.2E+03
				2.5E-02	I					1	0.1		1.4E+09		Metribuzin	21087-64-9					2.0E+03	7.0E+03		1.5E+03
				3.0E+00	P					1	0.1		1.4E+09		Mineral oils	8012-95-1					2.3E+05	8.4E+05		1.8E+05
1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		1.4E+09		Mirex	2385-85-5	3.6E-02	1.1E-01	6.5E+02	2.7E-02	1.6E+01	5.6E+01		1.2E+01
				2.0E-03	I					1	0.1		1.4E+09		Molinate	2212-67-1					1.6E+02	5.6E+02		1.2E+02
				5.0E-03	I					1			1.4E+09		Molybdenum	7439-98-7					3.9E+02			3.9E+02
				1.0E-01	I					1			1.4E+09		Monochloramine	10599-90-3					7.8E+03			7.8E+03
				2.0E-03	P					1	0.1		1.4E+09		Monomethylaniline	100-61-8					1.6E+02	5.6E+02		1.2E+02
				3.0E-04	X					1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+01	8.4E+01		1.8E+01
				2.0E-03	I					1	0.1		1.4E+09		Naled	300-76-5					1.6E+02	5.6E+02		1.2E+02

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				3.0E-02	X	1.0E-01	P	V		1			1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					2.3E+03		1.4E+08	2.3E+03
1.8E+00	C	0.0E+00	C							1	0.1		1.4E+09		Naphthylamine, 2-	91-59-8	3.6E-01	1.1E+00		2.7E-01				
				1.0E-01	I					1	0.1		1.4E+09		Napropamide	15299-99-7					7.8E+03	2.8E+04		6.1E+03
				5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Carbonyl	13463-39-3					3.9E+03		7.1E+04	3.7E+03
				5.0E-02	C	1.0E-04	C			1			1.4E+09		Nickel Oxide	1313-99-1					3.9E+03		1.4E+05	3.8E+03
		2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Refinery Dust	NA			1.4E+04	1.4E+04	3.9E+03		7.1E+04	3.7E+03
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			1.4E+09		Nickel Soluble Salts	7440-02-0			1.3E+04	1.3E+04	1.6E+03		1.3E+05	1.5E+03
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Subsulfide	12035-72-2	3.8E-01		6.9E+03	3.8E-01	3.9E+03		7.1E+04	3.7E+03
				1.6E+00	I					1			1.4E+09		Nitrate	14797-55-8					1.3E+05			1.3E+05
				1.0E-01	I					1			1.4E+09		Nitrite	14797-65-0					7.8E+03			7.8E+03
				1.0E-02	X	5.0E-05	X			1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4					7.8E+02	2.8E+03	7.1E+04	6.1E+02
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6	3.2E+01	1.0E+02		2.4E+01	3.1E+02	1.1E+03	8.5E+06	2.4E+02
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	1.4E+09	7.9E+04	Nitrobenzene	98-95-3			4.8E+00	4.8E+00	1.6E+02		7.4E+02	1.3E+02
				3.0E+03	P					1	0.1		1.4E+09		Nitrocellulose	9004-70-0					2.3E+08	8.4E+08		1.8E+08
				7.0E-02	H					1	0.1		1.4E+09		Nitrofurantoin	67-20-9					5.5E+03	2.0E+04		4.3E+03
1.3E+00	C	3.7E-04	C							1	0.1		1.4E+09		Nitrofurazone	59-87-0	4.9E-01	1.6E+00	8.9E+03	3.7E-01				
1.7E-02	P			1.0E-04	P					1	0.1		1.4E+09		Nitroglycerin	55-63-0	3.8E+01	1.2E+02		2.9E+01	7.8E+00	2.8E+01		6.1E+00
				1.0E-01	I					1	0.1		1.4E+09		Nitroguanidine	556-88-7					7.8E+03	2.8E+04		6.1E+03
		9.0E-06	P			2.0E-02	P	V		1		1.8E+04	1.4E+09	1.8E+04	Nitromethane	75-52-5			4.9E+00	4.9E+00			3.8E+02	3.8E+02
		2.7E-03	H			2.0E-02	I	V		1		4.9E+03	1.4E+09	1.4E+04	Nitropropane, 2-	79-46-9			1.3E-02	1.3E-02			2.9E+02	2.9E+02
2.7E+01	C	7.7E-03	C						M	1	0.1		1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	5.5E-03	1.9E-02	1.7E+02	4.3E-03				
1.2E+02	C	3.4E-02	C						M	1	0.1		1.4E+09		Nitroso-N-methylurea, N-	684-93-5	1.2E-03	4.2E-03	3.8E+01	9.6E-04				
5.4E+00	I	1.6E-03	I					V		1		7.1E+03	1.4E+09	2.1E+05	Nitroso-di-N-butylamine, N-	924-16-3	1.2E-01		3.2E-01	8.7E-02				
7.0E+00	I	2.0E-03	C							1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	9.1E-02	2.9E-01	1.7E+03	6.9E-02				
2.8E+00	I	8.0E-04	C							1	0.1		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	2.3E-01	7.2E-01	4.1E+03	1.7E-01				
1.5E+02	I	4.3E-02	I						M	1	0.1		1.4E+09		Nitrosodiethylamine, N-	55-18-5	9.9E-04	3.4E-03	3.0E+01	7.7E-04				
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	1	0.1		1.4E+09		Nitrosodimethylamine, N-	62-75-9	2.9E-03	9.9E-03	9.3E+01	2.3E-03	6.3E-01	2.2E+00	5.7E+04	4.9E-01
4.9E-03	I	2.6E-06	C							1	0.1		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	1.3E+02	4.1E+02	1.3E+06	9.9E+01				
2.2E+01	I	6.3E-03	C							1	0.1		1.4E+09		Nitrosomethylethylamine, N-	10595-95-6	2.9E-02	9.2E-02	5.3E+02	2.2E-02				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	9.6E-02	3.0E-01	1.7E+03	7.3E-02				
9.4E+00	C	2.7E-03	C							1	0.1		1.4E+09		Nitrosopiperidine [N-]	100-75-4	6.8E-02	2.2E-01	1.2E+03	5.2E-02				
2.1E+00	I	6.1E-04	I							1	0.1		1.4E+09		Nitrosopyrrolidine, N-	930-55-2	3.0E-01	9.6E-01	5.4E+03	2.3E-01				
				1.0E-04	X					1	0.1		1.4E+09		Nitrotoluene, m-	99-08-1					7.8E+00	2.8E+01		6.1E+00
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	1.4E+09	1.5E+05	Nitrotoluene, o-	88-72-2	2.9E+00			2.9E+00	7.0E+01			7.0E+01
1.6E-02	P			4.0E-03	P					1	0.1		1.4E+09		Nitrotoluene, p-	99-99-0	4.0E+01	1.3E+02		3.0E+01	3.1E+02	1.1E+03		2.4E+02
				3.0E-04	X	2.0E-01	P	V		1		6.9E+00	1.4E+09	1.1E+03	Nonane, n-	111-84-2					2.3E+01		2.3E+02	2.1E+01
				4.0E-02	I					1	0.1		1.4E+09		Norflurazon	27314-13-2					3.1E+03	1.1E+04		2.4E+03
				7.0E-04	I					1	0.1		1.4E+09		Nustar	85509-19-9					5.5E+01	2.0E+02		4.3E+01
				3.0E-03	I					1	0.1		1.4E+09		Octabromodiphenyl Ether	32536-52-0					2.3E+02	8.4E+02		1.8E+02
				5.0E-02	I					1	0.006		1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					3.9E+03	2.3E+05		3.8E+03
				2.0E-03	H					1	0.1		1.4E+09		Octamethylpyrophosphoramide	152-16-9					1.6E+02	5.6E+02		1.2E+02
				5.0E-02	I					1	0.1		1.4E+09		Oryzalin	19044-88-3					3.9E+03	1.4E+04		3.1E+03
				5.0E-03	I					1	0.1		1.4E+09		Oxadiazon	19666-30-9					3.9E+02	1.4E+03		3.1E+02
				2.5E-02	I					1	0.1		1.4E+09		Oxamyl	23135-22-0					2.0E+03	7.0E+03		1.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Paclobutrazol	76738-62-0					1.0E+03	3.6E+03		7.9E+02
				4.5E-03	I					1	0.1		1.4E+09		Paraquat Dichloride	1910-42-5					3.5E+02	1.3E+03		2.7E+02
				6.0E-03	H					1	0.1		1.4E+09		Parathion	56-38-2					4.7E+02	1.7E+03		3.7E+02
				5.0E-02	H					1	0.1		1.4E+09		Pebulate	1114-71-2					3.9E+03	1.4E+04		3.1E+03
				4.0E-02	I					1	0.1		1.4E+09		Pendimethalin	40487-42-1					3.1E+03	1.1E+04		2.4E+03
				2.0E-03	I					1	0.1		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					1.6E+02	5.6E+02		1.2E+02
				1.0E-04	I					1	0.1		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					7.8E+00	2.8E+01		6.1E+00
				8.0E-04	I					1	0.1		1.4E+09		Pentachlorobenzene	608-93-5					6.3E+01	2.2E+02		4.9E+01
9.0E-02	P									1	0.1		1.4E+09		Pentachloroethane	76-01-7	7.1E+00	2.2E+01		5.4E+00				
2.6E-01	H			3.0E-03	I					1	0.1		1.4E+09		Pentachloronitrobenzene	82-68-8	2.5E+00	7.8E+00		1.9E+00	2.3E+02	8.4E+02		1.8E+02
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		1.4E+09		Pentachlorophenol	87-86-5	1.6E+00	2.0E+00	6.5E+05	8.9E-01	3.9E+02	5.6E+02		2.3E+02
4.0E-03	X			2.0E-03	P					1	0.1		1.4E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	1.6E+02	5.1E+02		1.2E+02	1.6E+02	5.6E+02		1.2E+02
						1.0E+00	P	V		1		3.9E+02	1.4E+09	8.4E+02	Pentane, n-	109-66-0							8.7E+02	8.7E+02
															Perchlorates									
				7.0E-04	I					1			1.4E+09		~Ammonium Perchlorate	7790-98-9					5.5E+01			5.5E+01
				7.0E-04	I					1			1.4E+09		~Lithium Perchlorate	7791-03-9					5.5E+01			5.5E+01
				7.0E-04	I					1			1.4E+09		~Perchlorate and Perchlorate Salts	14797-73-0					5.5E+01			5.5E+01
				7.0E-04	I					1			1.4E+09		~Potassium Perchlorate	7778-74-7					5.5E+01			5.5E+01
				7.0E-04	I					1			1.4E+09		~Sodium Perchlorate	7601-89-0					5.5E+01			5.5E+01
				5.0E-02	I					1	0.1		1.4E+09		Permethrin	52645-53-1					3.9E+03	1.4E+04		3.1E+03
2.2E-03	C	6.3E-07	C							1	0.1		1.4E+09		Phenacetin	62-44-2	2.9E+02	9.2E+02	5.3E+06	2.2E+02				

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				2.5E-01	I					1	0.1		1.4E+09		Phenmedipham	13684-63-4					2.0E+04	7.0E+04		1.5E+04
				3.0E-01	I	2.0E-01	C			1	0.1		1.4E+09		Phenol	108-95-2					2.3E+04	8.4E+04	2.8E+08	1.8E+04
				5.0E-04	X					1	0.1		1.4E+09		Phenothiazine	92-84-2					3.9E+01	1.4E+02		3.1E+01
				6.0E-03	I					1	0.1		1.4E+09		Phenylenediamine, m-	108-45-2					4.7E+02	1.7E+03		3.7E+02
4.7E-02	H									1	0.1		1.4E+09		Phenylenediamine, o-	95-54-5	1.4E+01	4.3E+01		1.0E+01				
				1.9E-01	H					1	0.1		1.4E+09		Phenylenediamine, p-	106-50-3					1.5E+04	5.3E+04		1.2E+04
1.9E-03	H									1	0.1		1.4E+09		Phenylphenol, 2-	90-43-7	3.3E+02	1.0E+03		2.5E+02				
				2.0E-04	H					1	0.1		1.4E+09		Phorate	298-02-2					1.6E+01	5.6E+01		1.2E+01
						3.0E-04	I	V		1		1.6E+03	1.4E+09	1.1E+03	Phosgene	75-44-5							3.3E-01	3.3E-01
				2.0E-02	I					1	0.1		1.4E+09		Phosmet	732-11-6					1.6E+03	5.6E+03		1.2E+03
															Phosphates, Inorganic									
				4.9E+01	P					1			1.4E+09		~Aluminum metaphosphate	13776-88-0					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Ammonium polyphosphate	68333-79-9					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Calcium pyrophosphate	7790-76-3					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Diammonium phosphate	7783-28-0					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Dicalcium phosphate	7757-93-9					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Dimagnesium phosphate	7782-75-4					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Dipotassium phosphate	7758-11-4					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Disodium phosphate	7558-79-4					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Monoaluminum phosphate	13530-50-2					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Monoammonium phosphate	7722-76-1					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Monocalcium phosphate	7758-23-8					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Monomagnesium phosphate	7757-86-0					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Monopotassium phosphate	7778-77-0					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Monosodium phosphate	7558-80-7					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Polyphosphoric acid	8017-16-1					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Potassium tripolyphosphate	13845-36-8					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium acid pyrophosphate	7758-16-9					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium hexametaphosphate	10124-56-8					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium polyphosphate	68915-31-1					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium trimetaphosphate	7785-84-4					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Sodium tripolyphosphate	7758-29-4					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Tetrapotassium phosphate	7320-34-5					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Tetrasodium pyrophosphate	7722-88-5					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Tricalcium phosphate	7758-87-4					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Trimagnesium phosphate	7757-87-1					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Tripotassium phosphate	7778-53-2					3.8E+06			3.8E+06
				4.9E+01	P					1			1.4E+09		~Trisodium phosphate	7601-54-9					3.8E+06			3.8E+06
				3.0E-04	I	3.0E-04	I			1			1.4E+09		Phosphine	7803-51-2					2.3E+01		4.3E+05	2.3E+01
				4.9E+01	P	1.0E-02	I			1			1.4E+09		Phosphoric Acid	7664-38-2					3.8E+06		1.4E+07	3.0E+06
				2.0E-05	I					1			1.4E+09		Phosphorus, White	7723-14-0					1.6E+00			1.6E+00
				1.0E+00	H					1	0.1		1.4E+09		Phthalic Acid, P-	100-21-0					7.8E+04	2.8E+05		6.1E+04
				2.0E+00	I	2.0E-02	C			1	0.1		1.4E+09		Phthalic Anhydride	85-44-9					1.6E+05	5.6E+05	2.8E+07	1.2E+05
				7.0E-02	I					1	0.1		1.4E+09		Picloram	1918-02-1					5.5E+03	2.0E+04		4.3E+03
				1.0E-04	X					1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E+00	2.8E+01		6.1E+00
				1.0E-02	I					1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7					7.8E+02	2.8E+03		6.1E+02
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		1.4E+09		Polybrominated Biphenyls	59536-65-1	2.1E-02	6.7E-02	3.8E+02	1.6E-02	5.5E-01	2.0E+00		4.3E-01
															Polychlorinated Biphenyls (PCBs)									
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14		1.4E+09		~Aroclor 1016	12674-11-2	9.1E+00	2.1E+01	1.7E+05	6.3E+00	5.5E+00	1.4E+01		3.9E+00
2.0E+00	S	5.7E-04	S					V		1	0.14	7.6E+02	1.4E+09	9.2E+04	~Aroclor 1221	11104-28-2	3.2E-01	7.2E-01	3.9E-01	1.4E-01				
2.0E+00	S	5.7E-04	S					V		1	0.14	7.3E+01	1.4E+09	9.2E+04	~Aroclor 1232	11141-16-5	3.2E-01	7.2E-01	3.9E-01	1.4E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1242	53469-21-9	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1248	12672-29-6	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I					1	0.14		1.4E+09		~Aroclor 1254	11097-69-1	3.2E-01	7.2E-01	5.8E+03	2.2E-01	1.6E+00	4.0E+00		1.1E+00
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1260	11096-82-5	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.6E-04	3.7E-04	2.9E+00	1.1E-04	2.6E-03	6.7E-03	1.9E+03	1.9E-03
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.9E-05	1.1E-04	8.7E-01	3.4E-05	7.8E-04	2.0E-03	5.7E+02	5.6E-04
2.0E+00	I	5.7E-04	I							1	0.14		1.4E+09		~Polychlorinated Biphenyls (high risk)	1336-36-3	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
4.0E-01	I	1.0E-04	I							1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I							1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	4.9E-02	1.1E-01	8.7E+02	3.4E-02	7.8E-01	2.0E+00	5.7E+05	5.6E-01
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.6E-02	3.7E-02	2.9E+02	1.1E-02	2.6E-01	6.7E-01	1.9E+05	1.9E-01
						6.0E-04	I			1	0.1		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.5E+05	8.5E+05
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V		1	0.13		1.4E+09	1.5E+05	~Acenaphthene	83-32-9					4.7E+03	1.3E+04		3.4E+03
				3.0E-01	I			V		1	0.13		1.4E+09	5.6E+05	~Anthracene	120-12-7					2.3E+04	6.4E+04		1.7E+04
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benz[a]anthracene	56-55-3	2.0E-01	5.3E-01	1.2E+04	1.5E-01				
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Benzo(j)fluoranthene	205-82-3	5.3E-01	1.3E+00	3.0E+04	3.8E-01				
7.3E+00	I	1.1E-03	C						M	1	0.13		1.4E+09		~Benzo[a]pyrene	50-32-8	2.0E-02	5.3E-02	1.2E+03	1.5E-02				
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[b]fluoranthene	205-99-2	2.0E-01	5.3E-01	1.2E+04	1.5E-01				
7.3E-02	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[k]fluoranthene	207-08-9	2.0E+00	5.3E+00	1.2E+04	1.5E+00				
7.3E-03	E	1.1E-05	C						M	1	0.13		1.4E+09		~Chrysene	218-01-9	2.0E+01	5.3E+01	1.2E+05	1.5E+01				
7.3E+00	E	1.2E-03	C						M	1	0.13		1.4E+09		~Dibenz[a,h]anthracene	53-70-3	2.0E-02	5.3E-02	1.1E+03	1.5E-02				
1.2E+01	C	1.1E-03	C							1	0.13		1.4E+09		~Dibenzo(a,e)pyrene	192-65-4	5.3E-02	1.3E-01	3.0E+03	3.8E-02				
2.5E+02	C	7.1E-02	C						M	1	0.13		1.4E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	6.0E-04	1.6E-03	1.8E+01	4.3E-04				
				4.0E-02	I					1	0.13		1.4E+09		~Fluoranthene	206-44-0					3.1E+03	8.6E+03		2.3E+03
				4.0E-02	I			V		1	0.13		1.4E+09	3.0E+05	~Fluorene	86-73-7					3.1E+03	8.6E+03		2.3E+03
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	2.0E-01	5.3E-01	1.2E+04	1.5E-01				
2.9E-02	P			7.0E-02	A			V		1		3.9E+02	1.4E+09	6.3E+04	~Methylnaphthalene, 1-	90-12-0	2.2E+01			2.2E+01	5.5E+03			5.5E+03
				4.0E-03	I			V		1		3.7E+02	1.4E+09	6.2E+04	~Methylnaphthalene, 2-	91-57-6					3.1E+02			3.1E+02
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		1.4E+09	5.0E+04	~Naphthalene	91-20-3			3.6E+00	3.6E+00	1.6E+03	4.3E+03	1.6E+02	1.4E+02
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Nitropyrene, 4-	57835-92-4	5.3E-01	1.3E+00	3.0E+04	3.8E-01				
				3.0E-02	I			V		1	0.13		1.4E+09	2.6E+06	~Pyrene	129-00-0					2.3E+03	6.4E+03		1.7E+03
1.5E-01	I			9.0E-03	I					1	0.1		1.4E+09		Prochloraz	67747-09-5	4.3E+00	1.3E+01		3.2E+00	7.0E+02	2.5E+03		5.5E+02
				6.0E-03	H					1	0.1		1.4E+09		Profluralin	26399-36-0					4.7E+02	1.7E+03		3.7E+02
				1.5E-02	I					1	0.1		1.4E+09		Prometon	1610-18-0					1.2E+03	4.2E+03		9.2E+02
				4.0E-03	I					1	0.1		1.4E+09		Prometryn	7287-19-6					3.1E+02	1.1E+03		2.4E+02
				1.3E-02	I					1	0.1		1.4E+09		Propachlor	1918-16-7					1.0E+03	3.6E+03		7.9E+02
				5.0E-03	I					1	0.1		1.4E+09		Propanil	709-98-8					3.9E+02	1.4E+03		3.1E+02
				2.0E-02	I					1	0.1		1.4E+09		Propargite	2312-35-8					1.6E+03	5.6E+03		1.2E+03
				2.0E-03	I					1	0.1		1.4E+09		Propargyl Alcohol	107-19-7					1.6E+02	5.6E+02		1.2E+02
				2.0E-02	I					1	0.1		1.4E+09		Propazine	139-40-2					1.6E+03	5.6E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Propham	122-42-9					1.6E+03	5.6E+03		1.2E+03
				1.3E-02	I					1	0.1		1.4E+09		Propiconazole	60207-90-1					1.0E+03	3.6E+03		7.9E+02
						8.0E-03	I	V		1		3.3E+04	1.4E+09	9.6E+03	Propionaldehyde	123-38-6							8.0E+01	8.0E+01
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	1.4E+09	7.5E+03	Propyl benzene	103-65-1					7.8E+03	2.8E+04	7.9E+03	3.4E+03
						3.0E+00	C			1	0.1		1.4E+09		Propylene	115-07-1							4.3E+09	4.3E+09
				2.0E+01	P					1	0.1		1.4E+09		Propylene Glycol	57-55-6					1.6E+06	5.6E+06		1.2E+06
						2.7E-04	A	V		1		1.5E+03	1.4E+09	2.0E+05	Propylene Glycol Dinitrate	6423-43-4							5.7E+01	5.7E+01
				7.0E-01	H					1	0.1		1.4E+09		Propylene Glycol Monoethyl Ether	1569-02-4					5.5E+04	2.0E+05		4.3E+04
				7.0E-01	H	2.0E+00	I			1	0.1		1.4E+09		Propylene Glycol Monomethyl Ether	107-98-2					5.5E+04	2.0E+05	2.8E+09	4.3E+04
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		7.8E+04	1.4E+09	1.1E+04	Propylene Oxide	75-56-9	2.7E+00		7.3E+00	2.0E+00			3.5E+02	3.5E+02
				2.5E-01	I					1	0.1		1.4E+09		Pursuit	81335-77-5					2.0E+04	7.0E+04		1.5E+04
				2.5E-02	I					1	0.1		1.4E+09		Pydrin	51630-58-1					2.0E+03	7.0E+03		1.5E+03
				1.0E-03	I			V		1		5.3E+05	1.4E+09	6.0E+04	Pyridine	110-86-1					7.8E+01			7.8E+01
				5.0E-04	I					1	0.1		1.4E+09		Quinalphos	13593-03-8					3.9E+01	1.4E+02		3.1E+01
3.0E+00	I									1	0.1		1.4E+09		Quinoline	91-22-5	2.1E-01	6.7E-01		1.6E-01				
						3.0E-02	A			1			1.4E+09		Refractory Ceramic Fibers	NA							4.3E+07	4.3E+07
				3.0E-02	I					1	0.1		1.4E+09		Resmethrin	10453-86-8					2.3E+03	8.4E+03		1.8E+03
				5.0E-02	H					1	0.1		1.4E+09		Ronnel	299-84-3					3.9E+03	1.4E+04		3.1E+03
				4.0E-03	I					1	0.1		1.4E+09		Rotenone	83-79-4					3.1E+02	1.1E+03		2.4E+02
2.2E-01	C	6.3E-05	C						M	1	0.1		1.4E+09		Safrole	94-59-7	6.8E-01	2.3E+00	2.1E+04	5.2E-01				
				2.5E-02	I					1	0.1		1.4E+09		Savey	78587-05-0					2.0E+03	7.0E+03		1.5E+03
				5.0E-03	I					1			1.4E+09		Selenious Acid	7783-00-8					3.9E+02			3.9E+02
				5.0E-03	I	2.0E-02	C			1			1.4E+09		Selenium	7782-49-2					3.9E+02		2.8E+07	3.9E+02
				5.0E-03	C	2.0E-02	C			1			1.4E+09		Selenium Sulfide	7446-34-6					3.9E+02		2.8E+07	3.9E+02
				9.0E-02	I					1	0.1		1.4E+09		Sethoxydim	74051-80-2					7.0E+03	2.5E+04		5.5E+03
						3.0E-03	C			1			1.4E+09		Silica (crystalline, respirable)	7631-86-9							4.3E+06	4.3E+06

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				5.0E-03	I					0.04			1.4E+09		Silver	7440-22-4					3.9E+02			3.9E+02
1.2E-01	H			5.0E-03	I					1	0.1		1.4E+09		Simazine	122-34-9	5.3E+00	1.7E+01		4.1E+00	3.9E+02	1.4E+03		3.1E+02
				1.3E-02	I					1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.0E+03	3.6E+03		7.9E+02
				4.0E-03	I					1			1.4E+09		Sodium Azide	26628-22-8					3.1E+02			3.1E+02
2.7E-01	H			3.0E-02	I					1	0.1		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	2.4E+00	7.5E+00		1.8E+00	2.3E+03	8.4E+03		1.8E+03
				5.0E-02	A	1.3E-02	C			1			1.4E+09		Sodium Fluoride	7681-49-4					3.9E+03		1.8E+07	3.9E+03
				2.0E-05	I					1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					1.6E+00	5.6E+00		1.2E+00
				1.0E-03	H					1			1.4E+09		Sodium Metavanadate	13718-26-8					7.8E+01			7.8E+01
2.4E-02	H			3.0E-02	I					1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	2.7E+01	8.4E+01		2.0E+01	2.3E+03	8.4E+03		1.8E+03
				6.0E-01	I					1			1.4E+09		Strontium, Stable	7440-24-6					4.7E+04			4.7E+04
				3.0E-04	I					1	0.1		1.4E+09		Strychnine	57-24-9					2.3E+01	8.4E+01		1.8E+01
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	1.4E+09	1.0E+04	Styrene	100-42-5					1.6E+04		1.0E+04	6.3E+03
				8.0E-04	P					1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.3E+01	2.2E+02		4.9E+01
						1.0E-03	C			1			1.4E+09		Sulfuric Acid	7664-93-9							1.4E+06	1.4E+06
				2.5E-02	I					1	0.1		1.4E+09		Systhane	88671-89-0					2.0E+03	7.0E+03		1.5E+03
				3.0E-02	H					1	0.1		1.4E+09		TCMTB	21564-17-0					2.3E+03	8.4E+03		1.8E+03
				7.0E-02	I					1	0.1		1.4E+09		Tebuthiuron	34014-18-1					5.5E+03	2.0E+04		4.3E+03
				2.0E-02	H					1	0.1		1.4E+09		Temephos	3383-96-8					1.6E+03	5.6E+03		1.2E+03
				1.3E-02	I					1	0.1		1.4E+09		Terbacil	5902-51-2					1.0E+03	3.6E+03		7.9E+02
				2.5E-05	H					1	0.1		1.4E+09		Terbufos	13071-79-9					2.0E+00	7.0E+00		1.5E+00
				1.0E-03	I					1	0.1		1.4E+09		Terbutryn	886-50-0					7.8E+01	2.8E+02		6.1E+01
				1.0E-04	I					1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					7.8E+00	2.8E+01		6.1E+00
				3.0E-04	I					1	0.1		1.4E+09		Tetrachlorobenzene, 1,2,4,5-	95-94-3					2.3E+01	8.4E+01		1.8E+01
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	1.4E+09	6.1E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	2.5E+01		2.0E+00	1.9E+00	2.3E+03			2.3E+03
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	1.4E+09	1.6E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	3.2E+00		6.8E-01	5.6E-01	1.6E+03			1.6E+03
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1		1.7E+02	1.4E+09	2.5E+03	Tetrachloroethylene	127-18-4	1.2E+00		1.0E+00	5.5E-01	7.8E+02		7.2E+02	3.7E+02
				3.0E-02	I					1	0.1		1.4E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					2.3E+03	8.4E+03		1.8E+03
2.0E+01	H									1	0.1		1.4E+09		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.2E-02	1.0E-01		2.4E-02				
				5.0E-04	I					1	0.1		1.4E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					3.9E+01	1.4E+02		3.1E+01
						8.0E+01	I	V		1		1.1E+03	1.4E+09	1.3E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.1E+05	1.1E+05
				4.0E-03	P					1	0.1		1.4E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					3.1E+02	1.1E+03		2.4E+02
				1.0E-05	X					1			1.4E+09		Thallium (Soluble Salts)	7440-28-0					7.8E-01			7.8E-01
				1.0E-02	I					1	0.1		1.4E+09		Thiobencarb	28249-77-6					7.8E+02	2.8E+03		6.1E+02
				7.0E-02	X					1	0.008		1.4E+09		Thiodiglycol	111-48-8					5.5E+03	2.6E+05		5.4E+03
				3.0E-04	H					1	0.1		1.4E+09		Thiofanox	39196-18-4					2.3E+01	8.4E+01		1.8E+01
				8.0E-02	I					1	0.1		1.4E+09		Thiophanate, Methyl	23564-05-8					6.3E+03	2.2E+04		4.9E+03
				5.0E-03	I					1	0.1		1.4E+09		Thiram	137-26-8					3.9E+02	1.4E+03		3.1E+02
				6.0E-01	H					1			1.4E+09		Tin	7440-31-5					4.7E+04			4.7E+04
						1.0E-04	A			1			1.4E+09		Titanium Tetrachloride	7550-45-0							1.4E+05	1.4E+05
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	1.4E+09	4.6E+03	Toluene	108-88-3					6.3E+03		2.4E+04	5.0E+03
1.8E-01	X			1.0E-04	X					1	0.1		1.4E+09		Toluene-2,5-diamine	95-70-5	3.6E+00	1.1E+01		2.7E+00	7.8E+00	2.8E+01		6.1E+00
1.9E-01	H									1	0.1		1.4E+09		Toluidine, p-	106-49-0	3.4E+00	1.1E+01		2.6E+00				
1.1E+00	I	3.2E-04	I							1	0.1		1.4E+09		Toxaphene	8001-35-2	5.8E-01	1.8E+00	1.0E+04	4.4E-01				
				7.5E-03	I					1	0.1		1.4E+09		Tralomethrin	66841-25-6					5.9E+02	2.1E+03		4.6E+02
				3.0E-04	A					1	0.1		1.4E+09		Tri-n-butyltin	688-73-3					2.3E+01	8.4E+01		1.8E+01
				1.3E-02	I					1	0.1		1.4E+09		Triallate	2303-17-5					1.0E+03	3.6E+03		7.9E+02
				1.0E-02	I					1	0.1		1.4E+09		Triasulfuron	82097-50-5					7.8E+02	2.8E+03		6.1E+02
				5.0E-03	I					1	0.1		1.4E+09		Tribromobenzene, 1,2,4-	615-54-3					3.9E+02	1.4E+03		3.1E+02
9.0E-03	P			1.0E-02	P					1	0.1		1.4E+09		Tributyl Phosphate	126-73-8	7.1E+01	2.2E+02		5.4E+01	7.8E+02	2.8E+03		6.1E+02
				3.0E-04	P					1	0.1		1.4E+09		Tributyltin Compounds	NA					2.3E+01	8.4E+01		1.8E+01
				3.0E-04	I					1	0.1		1.4E+09		Tributyltin Oxide	56-35-9					2.3E+01	8.4E+01		1.8E+01
				3.0E+01	I	3.0E+01	H	V		1		9.1E+02	1.4E+09	1.4E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.3E+06		4.3E+04	4.3E+04
										1	0.1		1.4E+09		Trichloroacetic Acid	76-03-9								
2.9E-02	H									1	0.1		1.4E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	2.2E+01	7.0E+01		1.7E+01				
7.0E-03	X			3.0E-05	X					1	0.1		1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	9.1E+01	2.9E+02		6.9E+01	2.3E+00	8.4E+00		1.8E+00
				8.0E-04	X			V		1	0.1	1.5E+02	1.4E+09	3.5E+04	Trichlorobenzene, 1,2,3-	87-61-6					6.3E+01	2.2E+02		4.9E+01
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	1.4E+09	3.2E+04	Trichlorobenzene, 1,2,4-	120-82-1	2.2E+01			2.2E+01	7.8E+02		6.7E+01	6.2E+01
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	1.4E+09	1.8E+03	Trichloroethane, 1,1,1-	71-55-6					1.6E+05		9.3E+03	8.7E+03
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	1.4E+09	7.8E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+01		1.2E+00	1.1E+00	3.1E+02		1.6E+00	1.6E+00
5.9E-03	C	2.0E-06	C			1.0E-02	Y	V		1		6.9E+02	1.4E+09	2.4E+03	Trichloroethylene	79-01-6	1.1E+02		2.9E+00	2.8E+00			2.5E+01	2.5E+01
				3.0E-01	I	7.0E-01	H	V		1		1.2E+03	1.4E+09	1.1E+03	Trichlorofluoromethane	75-69-4					2.3E+04		8.1E+02	7.9E+02
				1.0E-01	I					1	0.1		1.4E+09		Trichlorophenol, 2,4,5-	95-95-4					7.8E+03	2.8E+04		6.1E+03
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		1.4E+09		Trichlorophenol, 2,4,6-	88-06-2	5.8E+01	1.8E+02	1.1E+06	4.4E+01	7.8E+01	2.8E+02		6.1E+01
				1.0E-02	I					1	0.1		1.4E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					7.8E+02	2.8E+03		6.1E+02
				8.0E-03	I					1	0.1		1.4E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.3E+02	2.2E+03		4.9E+02

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				5.0E-03	I			V		1		1.3E+03	1.4E+09	1.6E+04	Trichloropropane, 1,1,2-	598-77-6					3.9E+02			3.9E+02
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	1.4E+09	1.7E+04	Trichloropropane, 1,2,3-	96-18-4	5.0E-03			5.0E-03	3.1E+02		5.3E+00	5.2E+00
				3.0E-03	X	3.0E-04	P	V		1		4.5E+02	1.4E+09	2.5E+03	Trichloropropene, 1,2,3-	96-19-5					2.3E+02		7.9E-01	7.8E-01
				3.0E-03	I					1	0.1		1.4E+09		Tridiphane	58138-08-2					2.3E+02	8.4E+02		1.8E+02
						7.0E-03	I	V		1		2.8E+04	1.4E+09	1.7E+04	Triethylamine	121-44-8							1.2E+02	1.2E+02
7.7E-03	I			7.5E-03	I					1	0.1		1.4E+09		Trifluralin	1582-09-8	8.3E+01	2.6E+02		6.3E+01	5.9E+02	2.1E+03		4.6E+02
2.0E-02	P			1.0E-02	P					1	0.1		1.4E+09		Trimethyl Phosphate	512-56-1	3.2E+01	1.0E+02		2.4E+01	7.8E+02	2.8E+03		6.1E+02
						5.0E-03	P	V					1.4E+09		Trimethylbenzene, 1,2,3-	526-73-8							7.1E+06	7.1E+06
						7.0E-03	P	V		1		2.2E+02	1.4E+09	8.5E+03	Trimethylbenzene, 1,2,4-	95-63-6							6.2E+01	6.2E+01
				1.0E-02	X			V		1		1.8E+02	1.4E+09	7.1E+03	Trimethylbenzene, 1,3,5-	108-67-8					7.8E+02			7.8E+02
				3.0E-02	I					1	0.019		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4					2.3E+03	4.4E+04		2.2E+03
3.0E-02	I			5.0E-04	I					1	0.032		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	2.1E+01	2.1E+02		1.9E+01	3.9E+01	4.4E+02		3.6E+01
				2.0E-02	P					1	0.1		1.4E+09		Triphenylphosphine Oxide	791-28-6					1.6E+03	5.6E+03		1.2E+03
2.0E-02	P			7.0E-03	P					1	0.1		1.4E+09		Tris(2-chloroethyl)phosphate	115-96-8	3.2E+01	1.0E+02		2.4E+01	5.5E+02	2.0E+03		4.3E+02
3.2E-03	P			1.0E-01	P					1	0.1		1.4E+09		Tris(2-ethylhexyl)phosphate	78-42-2	2.0E+02	6.3E+02		1.5E+02	7.8E+03	2.8E+04		6.1E+03
				3.0E-03	I	3.0E-04	A			1			1.4E+09		Uranium (Soluble Salts)	NA					2.3E+02		4.3E+05	2.3E+02
1.0E+00	C	2.9E-04	C						M	1	0.1		1.4E+09		Urethane	51-79-6	1.5E-01	5.1E-01	4.5E+03	1.2E-01				
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			1.4E+09		Vanadium Pentoxide	1314-62-1			4.0E+02	4.0E+02	7.0E+02		9.9E+03	6.6E+02
				2.0E-02	H					0.026			1.4E+09		Vanadium Sulfate	36907-42-3					1.6E+03			1.6E+03
				5.0E-03	S					1			1.4E+09		Vanadium and Compounds	NA					3.9E+02			3.9E+02
				1.0E-03	I					1	0.1		1.4E+09		Vernolate	1929-77-7					7.8E+01	2.8E+02		6.1E+01
				2.5E-02	I					1	0.1		1.4E+09		Vinclozolin	50471-44-8					2.0E+03	7.0E+03		1.5E+03
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	1.4E+09	4.7E+03	Vinyl Acetate	108-05-4					7.8E+04		9.9E+02	9.7E+02
		3.2E-05	H			3.0E-03	I	V		1		0.0E+00	1.4E+09	1.5E+03	Vinyl Bromide	593-60-2			1.1E-01	1.1E-01			4.6E+00	4.6E+00
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	1.4E+09	1.0E+03	Vinyl Chloride	75-01-4	9.3E-02		1.7E-01	6.0E-02	2.3E+02		1.1E+02	7.4E+01
				3.0E-04	I					1	0.1		1.4E+09		Warfarin	81-81-2					2.3E+01	8.4E+01		1.8E+01
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	6.0E+03	Xylene, P-	106-42-3					1.6E+04		6.3E+02	6.0E+02
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.9E+03	Xylene, m-	108-38-3					1.6E+04		6.1E+02	5.9E+02
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	1.4E+09	7.0E+03	Xylene, o-	95-47-6					1.6E+04		7.2E+02	6.9E+02
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	1.4E+09	6.3E+03	Xylenes	1330-20-7					1.6E+04		6.5E+02	6.3E+02
				3.0E-04	I					1			1.4E+09		Zinc Phosphide	1314-84-7					2.3E+01			2.3E+01
				3.0E-01	I					1			1.4E+09		Zinc and Compounds	7440-66-6					2.3E+04			2.3E+04
				5.0E-02	I					1	0.1		1.4E+09		Zineb	12122-67-7					3.9E+03	1.4E+04		3.1E+03

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		1.4E+09		ALAR	1596-84-5	1.6E+02	2.4E+02	3.3E+06	9.6E+01	1.5E+05	2.3E+05		9.2E+04
8.7E-03	I			4.0E-03	I					1	0.1		1.4E+09		Acephate	30560-19-1	3.3E+02	5.0E+02		2.0E+02	4.1E+03	6.2E+03		2.5E+03
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	1.4E+09	9.4E+03	Acetaldehyde	75-07-0			5.2E+01	5.2E+01			3.7E+02	3.7E+02
				2.0E-02	I					1	0.1		1.4E+09		Acetochlor	34256-82-1					2.0E+04	3.1E+04		1.2E+04
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	1.4E+09	1.5E+04	Acetone	67-64-1					9.2E+05		2.0E+06	6.3E+05
				3.0E-03	P	6.0E-02	P	V		1		1.1E+05	1.4E+09	2.6E+04	Acetone Cyanohydrin	75-86-5					3.1E+03		6.7E+03	2.1E+03
						6.0E-02	I	V		1		1.3E+05	1.4E+09	1.4E+04	Acetonitrile	75-05-8							3.7E+03	3.7E+03
				1.0E-01	I			V		1		2.5E+03	1.4E+09	6.4E+04	Acetophenone	98-86-2					1.0E+05			1.0E+05
3.8E+00	C	1.3E-03	C							1	0.1		1.4E+09		Acetylaminofluorene, 2-	53-96-3	7.5E-01	1.1E+00	1.3E+04	4.5E-01				
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	1.4E+09	7.4E+03	Acrolein	107-02-8					5.1E+02		6.5E-01	6.5E-01
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I			1	0.1		1.4E+09		Acrylamide	79-06-1	5.7E+00	8.7E+00	1.7E+05	3.4E+00	2.0E+03	3.1E+03	3.6E+07	1.2E+03
				5.0E-01	I	1.0E-03	I			1	0.1		1.4E+09		Acrylic Acid	79-10-7					5.1E+05	7.7E+05	6.0E+06	2.9E+05
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	1.4E+09	8.3E+03	Acrylonitrile	107-13-1	5.3E+00		1.5E+00	1.2E+00	4.1E+04		7.2E+01	7.2E+01
						6.0E-03	P			1	0.1		1.4E+09		Adiponitrile	111-69-3							3.6E+07	3.6E+07
5.6E-02	C			1.0E-02	I					1	0.1		1.4E+09		Alachlor	15972-60-8	5.1E+01	7.7E+01		3.1E+01	1.0E+04	1.5E+04		6.2E+03
				1.0E-03	I					1	0.1		1.4E+09		Aldicarb	116-06-3					1.0E+03	1.5E+03		6.2E+02
				1.0E-03	I					1	0.1		1.4E+09		Aldicarb Sulfone	1646-88-4					1.0E+03	1.5E+03		6.2E+02
1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1		1.4E+09		Aldrin	309-00-2	1.7E-01	2.6E-01	3.4E+03	1.0E-01	3.1E+01	4.6E+01		1.8E+01
				2.5E-01	I					1	0.1		1.4E+09		Ally	74223-64-6					2.6E+05	3.9E+05		1.5E+05
				5.0E-03	I	1.0E-04	X			1	0.1		1.4E+09		Allyl Alcohol	107-18-6					5.1E+03	7.7E+03	6.0E+05	3.1E+03
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	1.4E+09	1.7E+03	Allyl Chloride	107-05-1	1.4E+02		3.5E+00	3.4E+00			7.5E+00	7.5E+00
				1.0E+00	P	5.0E-03	P			1			1.4E+09		Aluminum	7429-90-5					1.0E+06		3.0E+07	9.9E+05
				4.0E-04	I					1			1.4E+09		Aluminum Phosphide	20859-73-8					4.1E+02			4.1E+02
				3.0E-04	I					1	0.1		1.4E+09		Amdro	67485-29-4					3.1E+02	4.6E+02		1.8E+02
				9.0E-03	I					1	0.1		1.4E+09		Ametryn	834-12-8					9.2E+03	1.4E+04		5.5E+03
2.1E+01	C	6.0E-03	C							1	0.1		1.4E+09		Aminobiphenyl, 4-	92-67-1	1.4E-01	2.1E-01	2.8E+03	8.2E-02				
				8.0E-02	P					1	0.1		1.4E+09		Aminophenol, m-	591-27-5					8.2E+04	1.2E+05		4.9E+04
				2.0E-02	P					1	0.1		1.4E+09		Aminophenol, p-	123-30-8					2.0E+04	3.1E+04		1.2E+04
				2.5E-03	I					1	0.1		1.4E+09		Amitraz	33089-61-1					2.6E+03	3.9E+03		1.5E+03
						1.0E-01	I			1					Ammonia	7664-41-7								
				2.0E-01	I					1			1.4E+09		Ammonium Sulfamate	7773-06-0					2.0E+05			2.0E+05
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		1.4E+09		Aniline	62-53-3	5.0E+02	7.6E+02	1.0E+07	3.0E+02	7.2E+03	1.1E+04	6.0E+06	4.3E+03
4.0E-02	P			2.0E-03	X					1	0.1		1.4E+09		Anthraquinone, 9,10-	84-65-1	7.2E+01	1.1E+02		4.3E+01	2.0E+03	3.1E+03		1.2E+03
				4.0E-04	I					0.15			1.4E+09		Antimony (metallic)	7440-36-0					4.1E+02			4.1E+02
				5.0E-04	H					0.15			1.4E+09		Antimony Pentoxide	1314-60-9					5.1E+02			5.1E+02
				9.0E-04	H					0.15			1.4E+09		Antimony Potassium Tartrate	11071-15-1					9.2E+02			9.2E+02
				4.0E-04	H					0.15			1.4E+09		Antimony Tetroxide	1332-81-6					4.1E+02			4.1E+02
						2.0E-04	I			0.15			1.4E+09		Antimony Trioxide	1309-64-4							1.2E+06	1.2E+06
				1.3E-02	I					1	0.1		1.4E+09		Apollo	74115-24-5					1.3E+04	2.0E+04		8.0E+03
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		1.4E+09		Aramite	140-57-8	1.1E+02	1.7E+02	2.3E+06	6.9E+01	5.1E+04	7.7E+04		3.1E+04
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		1.4E+09		Arsenic, Inorganic	7440-38-2	1.9E+00	9.6E+00	3.9E+03	1.6E+00	3.1E+02	1.5E+03	8.9E+04	2.6E+02
				3.5E-06	C	5.0E-05	I			1			1.4E+09		Arsine	7784-42-1					3.6E+00		3.0E+05	3.6E+00
				9.0E-03	I					1	0.1		1.4E+09		Assure	76578-14-8					9.2E+03	1.4E+04		5.5E+03
				5.0E-02	I					1	0.1		1.4E+09		Asulam	3337-71-1					5.1E+04	7.7E+04		3.1E+04
2.3E-01	C			3.5E-02	I					1	0.1		1.4E+09		Atrazine	1912-24-9	1.2E+01	1.9E+01		7.5E+00	3.6E+04	5.4E+04		2.2E+04
8.8E-01	C	2.5E-04	C							1	0.1		1.4E+09		Auramine	492-80-8	3.3E+00	4.9E+00	6.7E+04	2.0E+00				
				4.0E-04	I					1	0.1		1.4E+09		Avermectin B1	65195-55-3					4.1E+02	6.2E+02		2.5E+02
1.1E-01	I	3.1E-05	I					V		1			1.4E+09	5.6E+05	Azobenzene	103-33-3	2.6E+01		2.2E+02	2.3E+01				
				2.0E-01	I	5.0E-04	H			0.07			1.4E+09		Barium	7440-39-3					2.0E+05		3.0E+06	1.9E+05
				4.0E-03	I					1	0.1		1.4E+09		Baygon	114-26-1					4.1E+03	6.2E+03		2.5E+03
				3.0E-02	I					1	0.1		1.4E+09		Bayleton	43121-43-3					3.1E+04	4.6E+04		1.8E+04
				2.5E-02	I					1	0.1		1.4E+09		Baythroid	68359-37-5					2.6E+04	3.9E+04		1.5E+04
				3.0E-01	I					1	0.1		1.4E+09		Benefin	1861-40-1					3.1E+05	4.6E+05		1.8E+05
				5.0E-02	I					1	0.1		1.4E+09		Benomyl	17804-35-2					5.1E+04	7.7E+04		3.1E+04
				3.0E-02	I					1	0.1		1.4E+09		Bentazon	25057-89-0					3.1E+04	4.6E+04		1.8E+04
				1.0E-01	I			V		1		1.2E+03	1.4E+09	2.4E+04	Benzaldehyde	100-52-7					1.0E+05			1.0E+05
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.8E+03	1.4E+09	3.8E+03	Benzene	71-43-2	5.2E+01		6.0E+00	5.4E+00	4.1E+03		5.0E+02	4.5E+02
				2.0E-04	X					1	0.1		1.4E+09		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1					2.0E+02	3.1E+02		1.2E+02
				1.0E-03	P			V		1		1.3E+03	1.4E+09	2.1E+04	Benzenethiol	108-98-5					1.0E+03			1.0E+03
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		1.4E+09		Benzidine	92-87-5	1.2E-02	1.9E-02	2.5E+02	7.5E-03	3.1E+03	4.6E+03		1.8E+03
				4.0E+00	I					1	0.1		1.4E+09		Benzoic Acid	65-85-0					4.1E+06	6.2E+06		2.5E+06
1.3E+01	I							V		1		3.2E+02	1.4E+09	7.3E+04	Benzotrichloride	98-07-7	2.2E-01			2.2E-01				
				1.0E-01	P					1	0.1		1.4E+09		Benzyl Alcohol	100-51-6					1.0E+05	1.5E+05		6.2E+04
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.5E+03	1.4E+09	2.7E+04	Benzyl Chloride	100-44-7	1.7E+01		6.9E+00	4.9E+00	2.0E+03		1.2E+02	1.1E+02
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			1.4E+09		Beryllium and compounds	7440-41-7			6.9E+03	6.9E+03	2.0E+03		1.2E+05	2.0E+03

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vocs	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-04	I					1	0.1		1.4E+09		Bidrin	141-66-2					1.0E+02	1.5E+02		6.2E+01
				9.0E-03	P					1	0.1		1.4E+09		Bifenox	42576-02-3					9.2E+03	1.4E+04		5.5E+03
				1.5E-02	I					1	0.1		1.4E+09		Biphenthrin	82657-04-3					1.5E+04	2.3E+04		9.2E+03
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		1		2.1E+02	1.4E+09	1.2E+05	Biphenyl, 1,1'-	92-52-4	3.6E+02			3.6E+02	5.1E+04		2.1E+02	2.1E+02
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.0E+03	1.4E+09	3.8E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.1E+01		4.6E+01	2.2E+01	4.1E+04			4.1E+04
				3.0E-03	P					1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					3.1E+03	4.6E+03		1.8E+03
1.1E+00	I	3.3E-04	I					V		1		5.1E+03	1.4E+09	4.6E+04	Bis(2-chloroethyl)ether	111-44-4	2.6E+00		1.7E+00	1.0E+00				
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		1.4E+09		Bis(2-ethylhexyl)phthalate	117-81-7	2.0E+02	3.1E+02	6.9E+06	1.2E+02	2.0E+04	3.1E+04		1.2E+04
2.2E+02	I	6.2E-02	I					V		1		4.2E+03	1.4E+09	2.0E+03	Bis(chloromethyl)ether	542-88-1	1.3E-02		4.0E-04	3.9E-04				
				5.0E-02	I					1	0.1		1.4E+09		Bisphenol A	80-05-7					5.1E+04	7.7E+04		3.1E+04
				2.0E-01	I	2.0E-02	H			1			1.4E+09		Boron And Borates Only	7440-42-8					2.0E+05		1.2E+08	2.0E+05
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Boron Trifluoride	7637-07-2					4.1E+04		7.7E+07	4.1E+04
7.0E-01	I			4.0E-03	I					1			1.4E+09		Bromate	15541-45-4	4.1E+00			4.1E+00	4.1E+03			4.1E+03
2.0E+00	X	6.0E-04	X					V		1		2.4E+03	1.4E+09	6.4E+03	Bromo-2-chloroethane, 1-	107-04-0	1.4E+00		1.3E-01	1.2E-01				
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	1.4E+09	9.0E+03	Bromobenzene	108-86-1					8.2E+03		2.4E+03	1.8E+03
						4.0E-02	X	V		1		4.0E+03	1.4E+09	3.9E+03	Bromochloromethane	74-97-5							6.8E+02	6.8E+02
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		1		9.3E+02	1.4E+09	4.3E+03	Bromodichloromethane	75-27-4	4.6E+01		1.4E+00	1.4E+00	2.0E+04			2.0E+04
7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		1.4E+09		Bromoform	75-25-2	3.6E+02	5.5E+02	1.5E+07	2.2E+02	2.0E+04	3.1E+04		1.2E+04
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	1.4E+09	1.5E+03	Bromomethane	74-83-9					1.4E+03		3.3E+01	3.2E+01
				5.0E-03	H					1	0.1		1.4E+09		Bromophos	2104-96-3					5.1E+03	7.7E+03		3.1E+03
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil	1689-84-5					2.0E+04	3.1E+04		1.2E+04
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil Octanoate	1689-99-2					2.0E+04	3.1E+04		1.2E+04
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	1.4E+09	9.3E+02	Butadiene, 1,3-	106-99-0	8.4E-01		3.8E-01	2.6E-01			8.2E+00	8.2E+00
				1.0E-01	I					1	0.1		1.4E+09		Butanol, N-	71-36-3					1.0E+05	1.5E+05		6.2E+04
1.9E-03	P			2.0E-01	I					1	0.1		1.4E+09		Butyl Benzyl Phthlate	85-68-7	1.5E+03	2.3E+03		9.1E+02	2.0E+05	3.1E+05		1.2E+05
				2.0E+00	P	3.0E+01	P			1	0.1		1.4E+09		Butyl alcohol, sec-	78-92-2					2.0E+06	3.1E+06	1.8E+11	1.2E+06
				5.0E-02	I					1	0.1		1.4E+09		Butylate	2008-41-5					5.1E+04	7.7E+04		3.1E+04
2.0E-04	C	5.7E-08	C							1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	1.4E+04	2.2E+04	2.9E+08	8.6E+03				
				5.0E-02	P			V		1		1.1E+02	1.4E+09	8.8E+03	Butylbenzene, n-	104-51-8					5.1E+04			5.1E+04
				1.0E+00	I					1	0.1		1.4E+09		Butylphthalyl Butylglycolate	85-70-1					1.0E+06	1.5E+06		6.2E+05
				2.0E-02	A					1	0.1		1.4E+09		Cacodylic Acid	75-60-5					2.0E+04	3.1E+04		1.2E+04
		1.8E-03	I	1.0E-03	I	2.0E-05	C			0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			9.3E+03	9.3E+03	1.0E+03	3.9E+03	1.2E+05	8.0E+02
		1.8E-03	I	5.0E-04	I	2.0E-05	C			0.05	0.001				Cadmium (Water)	7440-43-9								
				5.0E-01	I					1	0.1		1.4E+09		Caprolactam	105-60-2					5.1E+05	7.7E+05		3.1E+05
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		1.4E+09		Captafol	2425-06-1	1.9E+01	2.9E+01	3.9E+05	1.1E+01	2.0E+03	3.1E+03		1.2E+03
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		1.4E+09		Captan	133-06-2	1.2E+03	1.9E+03	2.5E+07	7.5E+02	1.3E+05	2.0E+05		8.0E+04
				1.0E-01	I					1	0.1		1.4E+09		Carbaryl	63-25-2					1.0E+05	1.5E+05		6.2E+04
				5.0E-03	I					1	0.1		1.4E+09		Carbofuran	1563-66-2					5.1E+03	7.7E+03		3.1E+03
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	1.4E+09	1.3E+03	Carbon Disulfide	75-15-0					1.0E+05		3.9E+03	3.7E+03
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	1.4E+09	1.6E+03	Carbon Tetrachloride	56-23-5	4.1E+01		3.3E+00	3.0E+00	4.1E+03		7.0E+02	6.0E+02
				1.0E-02	I					1	0.1		1.4E+09		Carbosulfan	55285-14-8					1.0E+04	1.5E+04		6.2E+03
				1.0E-01	I					1	0.1		1.4E+09		Carboxin	5234-68-4					1.0E+05	1.5E+05		6.2E+04
						9.0E-04	I			1			1.4E+09		Ceric oxide	1306-38-3							5.4E+06	5.4E+06
				1.0E-01	I					1	0.1		1.4E+09		Chloral Hydrate	302-17-0					1.0E+05	1.5E+05		6.2E+04
				1.5E-02	I					1	0.1		1.4E+09		Chloramben	133-90-4					1.5E+04	2.3E+04		9.2E+03
4.0E-01	H									1	0.1		1.4E+09		Chloranil	118-75-2	7.1E+00	1.1E+01		4.3E+00				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		1.4E+09		Chlordane	12789-03-6	8.2E+00	3.1E+01	1.7E+05	6.5E+00	5.1E+02	1.9E+03	4.2E+06	4.0E+02
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	2.9E-01	4.3E-01	3.6E+03	1.7E-01	3.1E+02	4.6E+02		1.8E+02
				7.0E-04	A					1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					7.2E+02	1.1E+03		4.3E+02
				2.0E-02	I					1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					2.0E+04	3.1E+04		1.2E+04
				1.0E-01	I	1.5E-04	A			1			1.4E+09		Chlorine	7782-50-5					1.0E+05		8.6E+05	9.1E+04
				3.0E-02	I	2.0E-04	I			1			1.4E+09		Chlorine Dioxide	10049-04-4					3.1E+04		1.2E+06	3.0E+04
				3.0E-02	I					1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					3.1E+04			3.1E+04
						5.0E+01	I	V		1		1.2E+03	1.4E+09	1.1E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							2.4E+05	2.4E+05
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.5E+02	1.4E+09	1.2E+03	Chloro-1,3-butadiene, 2-	126-99-8			4.7E-02	4.7E-02	2.0E+04		1.0E+02	1.0E+02
4.6E-01	H									1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	6.2E+00	9.4E+00		3.7E+00				
1.0E-01	P	7.7E-05	C	3.0E-03	X					1	0.1		1.4E+09		Chloro-2-methylaniline, 4-	95-69-2	2.9E+01	4.3E+01	2.2E+05	1.7E+01	3.1E+03	4.6E+03		1.8E+03
2.7E-01	X									1	0.1		1.4E+09		Chloroacetaldehyde, 2-	107-20-0	1.1E+01	1.6E+01		6.4E+00				
				2.0E-03	H					1	0.1		1.4E+09		Chloroacetic Acid	79-11-8					2.0E+03	3.1E+03		1.2E+03
						3.0E-05	I			1	0.1		1.4E+09		Chloroacetophenone, 2-	532-27-4							1.8E+05	1.8E+05
2.0E-01	P			4.0E-03	I					1	0.1		1.4E+09		Chloroaniline, p-	106-47-8	1.4E+01	2.2E+01		8.6E+00	4.1E+03	6.2E+03		2.5E+03
				2.0E-02	I	5.0E-02	P	V		1		7.6E+02	1.4E+09	6.9E+03	Chlorobenzene	108-90-7					2.0E+04		1.5E+03	1.4E+03
1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		1.4E+09		Chlorobenzilate	510-15-6	2.6E+01	3.9E+01	5.4E+05	1.6E+01	2.0E+04	3.1E+04		1.2E+04
				3.0E-02	X					1	0.1		1.4E+09		Chlorobenzoic Acid, p-	74-11-3					3.1E+04	4.6E+04		1.8E+04
				3.0E-03	P	3.0E-01	P	V		1		1.2E+02	1.4E+09	7.3E+03	Chlorobenzotrifluoride, 4-	98-56-6					3.1E+03		9.6E+03	2.3E+03

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vocs	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				4.0E-02	P			V		1		7.3E+02	1.4E+09	1.9E+03	Chlorobutane, 1-	109-69-3					4.1E+04			4.1E+04
						5.0E+01	I	V		1		1.7E+03	1.4E+09	1.0E+03	Chlorodifluoromethane	75-45-6							2.2E+05	2.2E+05
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.5E+03	1.4E+09	2.8E+03	Chloroform	67-66-3	9.2E+01		1.5E+00	1.5E+00	1.0E+04		1.2E+03	1.1E+03
						9.0E-02	I	V		1		1.3E+03	1.4E+09	1.3E+03	Chloromethane	74-87-3							5.0E+02	5.0E+02
2.4E+00	C	6.9E-04	C					V		1		2.6E+04	1.4E+09	5.7E+03	Chloromethyl Methyl Ether	107-30-2	1.2E+00		1.0E-01	9.4E-02				
				8.0E-02	I			V		1		1.8E+02	1.4E+09	8.6E+04	Chloronaphthalene, Beta-	91-58-7					8.2E+04			8.2E+04
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1		1.4E+09		Chloronitrobenzene, o-	88-73-3	9.5E+00	1.4E+01		5.7E+00	3.1E+03	4.6E+03	6.0E+04	1.8E+03
6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1		1.4E+09		Chloronitrobenzene, p-	100-00-5	4.5E+02	6.9E+02		2.7E+02	1.0E+03	1.5E+03	3.6E+06	6.2E+02
				5.0E-03	I			V		1		2.2E+04	1.4E+09	1.3E+05	Chlorophenol, 2-	95-57-8					5.1E+03			5.1E+03
						4.0E-04	C	V		1		6.2E+02	1.4E+09	5.0E+03	Chloropicrin	76-06-2							8.8E+00	8.8E+00
3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1		1.4E+09		Chlorothalonil	1897-45-6	9.2E+02	1.4E+03	1.9E+07	5.6E+02	1.5E+04	2.3E+04		9.2E+03
				2.0E-02	I			V		1		9.1E+02	1.4E+09	8.7E+03	Chlorotoluene, o-	95-49-8					2.0E+04			2.0E+04
				2.0E-02	X			V		1		2.5E+02	1.4E+09	7.9E+03	Chlorotoluene, p-	106-43-4					2.0E+04			2.0E+04
2.4E+02	C	6.9E-02	C							1	0.1		1.4E+09		Chlorozotocin	54749-90-5	1.2E-02	1.8E-02	2.4E+02	7.2E-03				
				2.0E-01	I					1	0.1		1.4E+09		Chlorpropham	101-21-3					2.0E+05	3.1E+05		1.2E+05
				3.0E-03	I					1	0.1		1.4E+09		Chlorpyrifos	2921-88-2					3.1E+03	4.6E+03		1.8E+03
				1.0E-02	H					1	0.1		1.4E+09		Chlorpyrifos Methyl	5598-13-0					1.0E+04	1.5E+04		6.2E+03
				5.0E-02	I					1	0.1		1.4E+09		Chlorsulfuron	64902-72-3					5.1E+04	7.7E+04		3.1E+04
				8.0E-04	H					1	0.1		1.4E+09		Chlorthiophos	60238-56-4					8.2E+02	1.2E+03		4.9E+02
				1.5E+00	I					0.013			1.4E+09		Chromium(III), Insoluble Salts	16065-83-1					1.5E+06			1.5E+06
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	0.025			1.4E+09		Chromium(VI)	18540-29-9	5.7E+00		2.0E+02	5.6E+00	3.1E+03		6.0E+05	3.1E+03
										0.013			1.4E+09		Chromium, Total	7440-47-3								
		9.0E-03	P	3.0E-04	P	6.0E-06	P			1			1.4E+09		Cobalt	7440-48-4			1.9E+03	1.9E+03	3.1E+02		3.6E+04	3.0E+02
		6.2E-04	I						M	1	0.1				Coke Oven Emissions	8007-45-2								
				4.0E-02	H					1			1.4E+09		Copper	7440-50-8					4.1E+04			4.1E+04
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, m-	108-39-4					5.1E+04	7.7E+04	3.6E+09	3.1E+04
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, o-	95-48-7					5.1E+04	7.7E+04	3.6E+09	3.1E+04
				5.0E-03	H	6.0E-01	C			1	0.1		1.4E+09		Cresol, p-	106-44-5					5.1E+03	7.7E+03	3.6E+09	3.1E+03
				1.0E-01	X					1	0.1		1.4E+09		Cresol, p-chloro-m-	59-50-7					1.0E+05	1.5E+05		6.2E+04
				1.0E-01	A	6.0E-01	C	V		1		5.0E+04	1.4E+09	3.3E+05	Cresols	1319-77-3					1.0E+05		8.6E+05	9.1E+04
1.9E+00	H			1.0E-03	P			V		1		1.7E+04	1.4E+09	2.0E+04	Crotonaldehyde, trans-	123-73-9	1.5E+00			1.5E+00	1.0E+03			1.0E+03
				1.0E-01	I	4.0E-01	I	V		1		2.7E+02	1.4E+09	6.7E+03	Cumene	98-82-8					1.0E+05		1.2E+04	1.1E+04
2.2E-01	C	6.3E-05	C							1	0.1		1.4E+09		Cupferron	135-20-6	1.3E+01	2.0E+01	2.6E+05	7.8E+00				
8.4E-01	H			2.0E-03	H					1	0.1		1.4E+09		Cyanazine	21725-46-2	3.4E+00	5.2E+00		2.1E+00	2.0E+03	3.1E+03		1.2E+03
															Cyanides									
				4.0E-02	I					1			1.4E+09		~Calcium Cyanide	592-01-8					4.1E+04			4.1E+04
				5.0E-03	I					1			1.4E+09		~Copper Cyanide	544-92-3					5.1E+03			5.1E+03
				2.0E-02	I			V		1		1.0E+07	1.4E+09	5.0E+04	~Cyanide (CN-)	57-12-5					2.0E+04			2.0E+04
				4.0E-02	I			V		1			1.4E+09		~Cyanogen	460-19-5					4.1E+04			4.1E+04
				9.0E-02	I			V		1			1.4E+09		~Cyanogen Bromide	506-68-3					9.2E+04			9.2E+04
				5.0E-02	I			V		1			1.4E+09		~Cyanogen Chloride	506-77-4					5.1E+04			5.1E+04
				6.0E-04	I	8.0E-04	I	V		1			1.4E+09		~Hydrogen Cyanide	74-90-8					6.1E+02		4.8E+06	6.1E+02
				5.0E-02	I					1			1.4E+09		~Potassium Cyanide	151-50-8					5.1E+04			5.1E+04
				2.0E-01	I					0.04			1.4E+09		~Potassium Silver Cyanide	506-61-6					2.0E+05			2.0E+05
				1.0E-01	I					0.04			1.4E+09		~Silver Cyanide	506-64-9					1.0E+05			1.0E+05
				4.0E-02	I					1			1.4E+09		~Sodium Cyanide	143-33-9					4.1E+04			4.1E+04
				2.0E-04	P			V		1		4.6E+03	1.4E+09	7.1E+03	~Thiocyanate	463-56-9					2.0E+02			2.0E+02
				5.0E-02	I					1			1.4E+09		~Zinc Cyanide	557-21-1					5.1E+04			5.1E+04
						6.0E+00	I	V		1		1.2E+02	1.4E+09	1.1E+03	Cyclohexane	110-82-7							2.9E+04	2.9E+04
2.3E-02	H									1	0.1		1.4E+09		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.2E+02	1.9E+02		7.5E+01				
				5.0E+00	I	7.0E-01	P			1	0.1		1.4E+09		Cyclohexanone	108-94-1					5.1E+06	7.7E+06	4.2E+09	3.1E+06
				2.0E-01	I					1	0.1		1.4E+09		Cyclohexylamine	108-91-8					2.0E+05	3.1E+05		1.2E+05
				5.0E-03	I					1	0.1		1.4E+09		Cyhalothrin/karate	68085-85-8					5.1E+03	7.7E+03		3.1E+03
				1.0E-02	I					1	0.1		1.4E+09		Cypermethrin	52315-07-8					1.0E+04	1.5E+04		6.2E+03
				7.5E-03	I					1	0.1		1.4E+09		Cyromazine	66215-27-8					7.7E+03	1.2E+04		4.6E+03
2.4E-01	I	6.9E-05	C							1	0.1		1.4E+09		DDD	72-54-8	1.2E+01	1.8E+01	2.4E+05	7.2E+00				
3.4E-01	I	9.7E-05	C							1	0.1		1.4E+09		DDE, p,p'-	72-55-9	8.4E+00	1.3E+01	1.7E+05	5.1E+00				
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		1.4E+09		DDT	50-29-3	8.4E+00	4.3E+01	1.7E+05	7.0E+00	5.1E+02	2.6E+03		4.3E+02
				1.0E-02	I					1	0.1		1.4E+09		Dacthal	1861-32-1					1.0E+04	1.5E+04		6.2E+03
				3.0E-02	I					1	0.1		1.4E+09		Dalapon	75-99-0					3.1E+04	4.6E+04		1.8E+04
7.0E-04	I			7.0E-03	I					1	0.1		1.4E+09		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.1E+03	6.2E+03		2.5E+03	7.2E+03	1.1E+04		4.3E+03
				4.0E-05	I					1	0.1		1.4E+09		Demeton	8065-48-3					4.1E+01	6.2E+01		2.5E+01
1.2E-03	I			6.0E-01	I					1	0.1		1.4E+09		Di(2-ethylhexyl)adipate	103-23-1	2.4E+03	3.6E+03		1.4E+03	6.1E+05	9.3E+05		3.7E+05
6.1E-02	H									1	0.1		1.4E+09		Diallate	2303-16-4	4.7E+01	7.1E+01		2.8E+01				
				7.0E-04	A					1	0.1		1.4E+09		Diazinon	333-41-5					7.2E+02	1.1E+03		4.3E+02

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	1.4E+09	3.4E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	3.6E+00		7.0E-02	6.9E-02	2.0E+02		3.0E+01	2.6E+01
				1.0E-02	I					1	0.1		1.4E+09		Dibromobenzene, 1,4-	106-37-6					1.0E+04	1.5E+04		6.2E+03
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	8.0E+02	1.4E+09	8.6E+03	Dibromochloromethane	124-48-1	3.4E+01	5.2E+01	3.9E+00	3.3E+00	2.0E+04	3.1E+04		1.2E+04
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	1.4E+09	9.3E+03	Dibromoethane, 1,2-	106-93-4	1.4E+00		1.9E-01	1.7E-01	9.2E+03		3.7E+02	3.5E+02
				1.0E-02	H	4.0E-03	X	V		1		2.8E+03	1.4E+09	6.1E+03	Dibromomethane (Methylene Bromide)	74-95-3					1.0E+04		1.1E+02	1.1E+02
				1.0E-01	I					1	0.1		1.4E+09		Dibutyl Phthalate	84-74-2					1.0E+05	1.5E+05		6.2E+04
				3.0E-04	P					1	0.1		1.4E+09		Dibutyltin Compounds	NA					3.1E+02	4.6E+02		1.8E+02
				3.0E-02	I					1	0.1		1.4E+09		Dicamba	1918-00-9					3.1E+04	4.6E+04		1.8E+04
		4.2E-03	P					V		1		5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, 1,4-	764-41-0			3.5E-02	3.5E-02				
		4.2E-03	P					V		1	0.1	5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, cis-1,4-	1476-11-5			3.5E-02	3.5E-02				
		4.2E-03	P					V		1	0.1	7.6E+02	1.4E+09	1.2E+04	Dichloro-2-butene, trans-1,4-	110-57-6			3.5E-02	3.5E-02				
5.0E-02	I			4.0E-03	I					1	0.1		1.4E+09		Dichloroacetic Acid	79-43-6	5.7E+01	8.7E+01		3.4E+01	4.1E+03	6.2E+03		2.5E+03
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	1.4E+09	1.3E+04	Dichlorobenzene, 1,2-	95-50-1					9.2E+04		1.1E+04	9.8E+03
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			1.4E+09	1.1E+04	Dichlorobenzene, 1,4-	106-46-7	5.3E+02		1.3E+01	1.2E+01	7.2E+04		3.9E+04	2.5E+04
4.5E-01	I	3.4E-04	C							1	0.1		1.4E+09		Dichlorobenzidine, 3,3'-	91-94-1	6.4E+00	9.6E+00	4.9E+04	3.8E+00				
				9.0E-03	X					1	0.1		1.4E+09		Dichlorobenzophenone, 4,4'-	90-98-2					9.2E+03	1.4E+04		5.5E+03
				2.0E-01	I	1.0E-01	X	V		1		8.5E+02	1.4E+09	9.1E+02	Dichlorodifluoromethane	75-71-8					2.0E+05		4.0E+02	4.0E+02
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.7E+03	1.4E+09	2.2E+03	Dichloroethane, 1,1-	75-34-3	5.0E+02		1.7E+01	1.7E+01	2.0E+05			2.0E+05
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	1.4E+09	4.9E+03	Dichloroethane, 1,2-	107-06-2	3.1E+01		2.3E+00	2.2E+00	6.1E+03		1.5E+02	1.5E+02
				5.0E-02	I	2.0E-01	I	V		1		1.2E+03	1.4E+09	1.2E+03	Dichloroethylene, 1,1-	75-35-4					5.1E+04		1.1E+03	1.1E+03
				9.0E-03	H			V		1		1.3E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.2E+03			9.2E+03
				2.0E-03	I			V		1		2.4E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-cis-	156-59-2					2.0E+03			2.0E+03
				2.0E-02	I	6.0E-02	P	V		1		1.7E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-trans-	156-60-5					2.0E+04		7.1E+02	6.9E+02
				3.0E-03	I					1	0.1		1.4E+09		Dichlorophenol, 2,4-	120-83-2					3.1E+03	4.6E+03		1.8E+03
				1.0E-02	I					1	0.05		1.4E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E+04	3.1E+04		7.7E+03
				8.0E-03	I					1	0.1		1.4E+09		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					8.2E+03	1.2E+04		4.9E+03
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	1.4E+09	4.1E+03	Dichloropropane, 1,2-	78-87-5	7.9E+01		5.0E+00	4.7E+00	9.2E+04		7.1E+01	7.1E+01
				2.0E-02	P			V		1		1.5E+03	1.4E+09	7.3E+03	Dichloropropane, 1,3-	142-28-9					2.0E+04			2.0E+04
				3.0E-03	I					1	0.1		1.4E+09		Dichloropropanol, 2,3-	616-23-9					3.1E+03	4.6E+03		1.8E+03
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	1.4E+09	3.8E+03	Dichloropropene, 1,3-	542-75-6	2.9E+01		1.2E+01	8.3E+00	3.1E+04		3.4E+02	3.3E+02
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		1.4E+09		Dichlorvos	62-73-7	9.9E+00	1.5E+01	2.0E+05	5.9E+00	5.1E+02	7.7E+02	3.0E+06	3.1E+02
				8.0E-03	P	7.0E-03	P	V		1		1.3E+02	1.4E+09	4.4E+03	Dicyclopentadiene	77-73-6					8.2E+03		1.4E+02	1.3E+02
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		1.4E+09		Dieldrin	60-57-1	1.8E-01	2.7E-01	3.6E+03	1.1E-01	5.1E+01	7.7E+01		3.1E+01
		3.0E-04	C			5.0E-03	I			1	0.1				Diesel Engine Exhaust	NA								
						3.0E-03	C			1	0.1		1.4E+09		Diethanolamine	111-42-2							1.8E+07	1.8E+07
				8.0E-01	I					1	0.1		1.4E+09		Diethyl Phthalate	84-66-2					8.2E+05	1.2E+06		4.9E+05
				3.0E-02	P	1.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monobutyl Ether	112-34-5					3.1E+04	4.6E+04	6.0E+05	1.8E+04
				6.0E-02	P	3.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monoethyl Ether	111-90-0					6.1E+04	9.3E+04	1.8E+06	3.6E+04
				1.0E-03	P					1	0.1		1.4E+09		Diethylformamide	617-84-5					1.0E+03	1.5E+03		6.2E+02
3.5E+02	C	1.0E-01	C							1	0.1		1.4E+09		Diethylstilbestrol	56-53-1	8.2E-03	1.2E-02	1.7E+02	4.9E-03				
				8.0E-02	I					1	0.1		1.4E+09		Difenzoquat	43222-48-6					8.2E+04	1.2E+05		4.9E+04
				2.0E-02	I					1	0.1		1.4E+09		Diflubenzuron	35367-38-5					2.0E+04	3.1E+04		1.2E+04
						4.0E+01	I	V		1		1.4E+03	1.4E+09	1.2E+03	Difluoroethane, 1,1-	75-37-6							2.2E+05	2.2E+05
4.4E-02	C	1.3E-05	C							1	0.1		1.4E+09		Dihydrosafrole	94-58-6	6.5E+01	9.9E+01	1.3E+06	3.9E+01				
						7.0E-01	P	V		1		2.3E+03	1.4E+09	3.3E+03	Diisopropyl Ether	108-20-3							1.0E+04	1.0E+04
				8.0E-02	I			V		1		5.3E+02	1.4E+09	3.1E+04	Diisopropyl Methylphosphonate	1445-75-6					8.2E+04			8.2E+04
				2.0E-02	I					1	0.1		1.4E+09		Dimethipin	55290-64-7					2.0E+04	3.1E+04		1.2E+04
				2.0E-04	I					1	0.1		1.4E+09		Dimethoate	60-51-5					2.0E+02	3.1E+02		1.2E+02
1.4E-02	H									1	0.1		1.4E+09		Dimethoxybenzidine, 3,3'-	119-90-4	2.0E+02	3.1E+02		1.2E+02				
1.7E-03	P			6.0E-02	P					1	0.1		1.4E+09		Dimethyl methylphosphonate	756-79-6	1.7E+03	2.6E+03		1.0E+03	6.1E+04	9.3E+04		3.7E+04
4.6E+00	C	1.3E-03	C							1	0.1		1.4E+09		Dimethylamino azobenzene [p-]	60-11-7	6.2E-01	9.4E-01	1.3E+04	3.7E-01				
5.8E-01	H									1	0.1		1.4E+09		Dimethylaniline HCl, 2,4-	21436-96-4	4.9E+00	7.5E+00		3.0E+00				
2.0E-01	P			2.0E-03	X					1	0.1		1.4E+09		Dimethylaniline, 2,4-	95-68-1	1.4E+01	2.2E+01		8.6E+00	2.0E+03	3.1E+03		1.2E+03
				2.0E-03	I			V		1		8.3E+02	1.4E+09	3.4E+04	Dimethylaniline, N,N-	121-69-7					2.0E+03			2.0E+03
1.1E+01	P									1	0.1		1.4E+09		Dimethylbenzidine, 3,3'-	119-93-7	2.6E-01	3.9E-01		1.6E-01				
				1.0E-01	P	3.0E-02	I			1	0.1		1.4E+09		Dimethylformamide	68-12-2					1.0E+05	1.5E+05	1.8E+08	6.2E+04
				1.0E-04	X	2.0E-06	X			1	0.1		1.4E+09		Dimethylhydrazine, 1,1-	57-14-7					1.0E+02	1.5E+02	1.2E+04	6.1E+01
5.5E+02	C	1.6E-01	C							1	0.1		1.4E+09		Dimethylhydrazine, 1,2-	540-73-8	5.2E-03	7.9E-03	1.0E+02	3.1E-03				
				2.0E-02	I					1	0.1		1.4E+09		Dimethylphenol, 2,4-	105-67-9					2.0E+04	3.1E+04		1.2E+04
				6.0E-04	I					1	0.1		1.4E+09		Dimethylphenol, 2,6-	576-26-1					6.1E+02	9.3E+02		3.7E+02
				1.0E-03	I					1	0.1		1.4E+09		Dimethylphenol, 3,4-	95-65-8					1.0E+03	1.5E+03		6.2E+02
				1.0E-01	I			V		1		5.5E+00	1.4E+09	2.3E+04	Dimethylterephthalate	120-61-6					1.0E+05			1.0E+05
4.5E-02	C	1.3E-05	C							1	0.1		1.4E+09		Dimethylvinylchloride	513-37-1	6.4E+01	9.6E+01	1.3E+06	3.8E+01				
				8.0E-05	X					1	0.1		1.4E+09		Dinitro-o-cresol, 4,6-	534-52-1					8.2E+01	1.2E+02		4.9E+01
				2.0E-03	I					1	0.1		1.4E+09		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.0E+03	3.1E+03		1.2E+03

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,2-	528-29-0					1.0E+02	1.5E+02		6.2E+01
				1.0E-04	I					1	0.1		1.4E+09		Dinitrobenzene, 1,3-	99-65-0					1.0E+02	1.5E+02		6.2E+01
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,4-	100-25-4					1.0E+02	1.5E+02		6.2E+01
				2.0E-03	I					1	0.1		1.4E+09		Dinitrophenol, 2,4-	51-28-5					2.0E+03	3.1E+03		1.2E+03
6.8E-01	I									1	0.1		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	4.2E+00	6.4E+00		2.5E+00				
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	9.2E+00	1.4E+01	1.9E+05	5.5E+00	2.0E+03	3.0E+03		1.2E+03
				1.0E-03	P					1	0.099		1.4E+09		Dinitrotoluene, 2,6-	606-20-2					1.0E+03	1.6E+03		6.2E+02
				2.0E-03	S					1	0.006		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E+03	5.2E+04		2.0E+03
				2.0E-03	S					1	0.009		1.4E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E+03	3.4E+04		1.9E+03
				1.0E-03	I					1	0.1		1.4E+09		Dinoseb	88-85-7					1.0E+03	1.5E+03		6.2E+02
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		1.4E+09		Dioxane, 1,4-	123-91-1	2.9E+01	4.3E+01	2.2E+06	1.7E+01	3.1E+04	4.6E+04	1.8E+10	1.8E+04
															Dioxins									
6.2E+03	I	1.3E+00	I							1	0.03		1.4E+09		~Hexachlorodibenzo-p-dioxin, Mixture	NA	4.6E-04	2.3E-03	1.3E+01	3.9E-04				
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03		1.4E+09		~TCDD, 2,3,7,8-	1746-01-6	2.2E-05	1.1E-04	4.4E-01	1.8E-05	1.0E-03	5.2E-03	2.4E+02	8.5E-04
				3.0E-02	I					1	0.1		1.4E+09		Diphenamid	957-51-7					3.1E+04	4.6E+04		1.8E+04
				8.0E-04	X					1	0.1		1.4E+09		Diphenyl Sulfone	127-63-9					8.2E+02	1.2E+03		4.9E+02
				2.5E-02	I					1	0.1		1.4E+09		Diphenylamine	122-39-4					2.6E+04	3.9E+04		1.5E+04
8.0E-01	I	2.2E-04	I							1	0.1		1.4E+09		Diphenylhydrazine, 1,2-	122-66-7	3.6E+00	5.4E+00	7.6E+04	2.2E+00				
				2.2E-03	I					1	0.1		1.4E+09		Diquat	85-00-7					2.2E+03	3.4E+03		1.4E+03
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Black 38	1937-37-7	3.9E-01	5.9E-01	7.9E+03	2.3E-01				
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Blue 6	2602-46-2	3.9E-01	5.9E-01	7.9E+03	2.3E-01				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Direct Brown 95	16071-86-6	4.3E-01	6.5E-01	8.8E+03	2.6E-01				
				4.0E-05	I					1	0.1		1.4E+09		Disulfoton	298-04-4					4.1E+01	6.2E+01		2.5E+01
				1.0E-02	I					1	0.1		1.4E+09		Dithiane, 1,4-	505-29-3					1.0E+04	1.5E+04		6.2E+03
				2.0E-03	I					1	0.1		1.4E+09		Diuron	330-54-1					2.0E+03	3.1E+03		1.2E+03
				4.0E-03	I					1	0.1		1.4E+09		Dodine	2439-10-3					4.1E+03	6.2E+03		2.5E+03
				2.5E-02	I			V		1		4.1E+02	1.4E+09	1.3E+05	EPTC	759-94-4					2.6E+04			2.6E+04
				6.0E-03	I					1	0.1		1.4E+09		Endosulfan	115-29-7					6.1E+03	9.3E+03		3.7E+03
				2.0E-02	I					1	0.1		1.4E+09		Endothall	145-73-3					2.0E+04	3.1E+04		1.2E+04
				3.0E-04	I					1	0.1		1.4E+09		Endrin	72-20-8					3.1E+02	4.6E+02		1.8E+02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	1.4E+09	2.0E+04	Epichlorohydrin	106-89-8	2.9E+02		2.1E+02	1.2E+02	6.1E+03		8.9E+01	8.8E+01
						2.0E-02	I	V		1		1.5E+04	1.4E+09	8.2E+03	Epoxybutane, 1,2-	106-88-7							7.2E+02	7.2E+02
				5.0E-03	I					1	0.1		1.4E+09		Ethephon	16672-87-0					5.1E+03	7.7E+03		3.1E+03
				5.0E-04	I					1	0.1		1.4E+09		Ethion	563-12-2					5.1E+02	7.7E+02		3.1E+02
				1.0E-01	P	6.0E-02	P			1	0.1		1.4E+09		Ethoxyethanol Acetate, 2-	111-15-9					1.0E+05	1.5E+05	3.6E+08	6.2E+04
				4.0E-01	H	2.0E-01	I			1	0.1		1.4E+09		Ethoxyethanol, 2-	110-80-5					4.1E+05	6.2E+05	1.2E+09	2.5E+05
				9.0E-01	I			V		1		1.1E+04	1.4E+09	9.3E+03	Ethyl Acetate	141-78-6					9.2E+05			9.2E+05
4.8E-02	H							V		1		2.5E+03	1.4E+09	6.8E+03	Ethyl Acrylate	140-88-5	6.0E+01			6.0E+01				
						1.0E+01	I	V		1		2.1E+03	1.4E+09	1.4E+03	Ethyl Chloride	75-00-3							6.1E+04	6.1E+04
				2.0E-01	I			V		1		1.0E+04	1.4E+09	3.4E+03	Ethyl Ether	60-29-7					2.0E+05			2.0E+05
				9.0E-02	H	3.0E-01	P	V		1		1.1E+03	1.4E+09	6.2E+03	Ethyl Methacrylate	97-63-2					9.2E+04		8.2E+03	7.5E+03
				1.0E-05	I					1	0.1		1.4E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E+01	1.5E+01		6.2E+00
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	1.4E+09	6.1E+03	Ethylbenzene	100-41-4	2.6E+02		3.0E+01	2.7E+01	1.0E+05		2.7E+04	2.1E+04
				3.0E-02	P					1	0.1		1.4E+09		Ethylene Cyanohydrin	109-78-4					3.1E+04	4.6E+04		1.8E+04
				9.0E-02	P					1	0.1		1.4E+09		Ethylene Diamine	107-15-3					9.2E+04	1.4E+05		5.5E+04
				2.0E+00	I	4.0E-01	C			1	0.1		1.4E+09		Ethylene Glycol	107-21-1					2.0E+06	3.1E+06	2.4E+09	1.2E+06
				1.0E-01	I	1.6E+00	I			1	0.1		1.4E+09		Ethylene Glycol Monobutyl Ether	111-76-2					1.0E+05	1.5E+05	9.5E+09	6.2E+04
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	1.4E+09	6.6E+03	Ethylene Oxide	75-21-8	9.2E+00		9.1E-01	8.3E-01			8.6E+02	8.6E+02
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		1.4E+09		Ethylene Thiourea	96-45-7	6.4E+01	9.6E+01	1.3E+06	3.8E+01	8.2E+01	1.2E+02		4.9E+01
6.5E+01	C	1.9E-02	C							1	0.1		1.4E+09		Ethyleneimine	151-56-4	4.4E-02	6.7E-02	8.8E+02	2.7E-02				
				3.0E+00	I					1	0.1		1.4E+09		Ethylphthalyl Ethyl Glycolate	84-72-0					3.1E+06	4.6E+06		1.8E+06
				8.0E-03	I					1	0.1		1.4E+09		Express	101200-48-0					8.2E+03	1.2E+04		4.9E+03
				2.5E-04	I					1	0.1		1.4E+09		Fenamiphos	22224-92-6					2.6E+02	3.9E+02		1.5E+02
				2.5E-02	I					1	0.1		1.4E+09		Fenpropathrin	39515-41-8					2.6E+04	3.9E+04		1.5E+04
				1.3E-02	I					1	0.1		1.4E+09		Fluometuron	2164-17-2					1.3E+04	2.0E+04		8.0E+03
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Fluoride	16984-48-8					4.1E+04		7.7E+07	4.1E+04
				6.0E-02	I	1.3E-02	C			1			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4					6.1E+04		7.7E+07	6.1E+04
				8.0E-02	I					1	0.1		1.4E+09		Fluridone	59756-60-4					8.2E+04	1.2E+05		4.9E+04
				2.0E-02	I					1	0.1		1.4E+09		Flurprimidol	56425-91-3					2.0E+04	3.1E+04		1.2E+04
				6.0E-02	I					1	0.1		1.4E+09		Flutolanil	66332-96-5					6.1E+04	9.3E+04		3.7E+04
				1.0E-02	I					1	0.1		1.4E+09		Fluvalinate	69409-94-5					1.0E+04	1.5E+04		6.2E+03
3.5E-03	I			1.0E-01	I					1	0.1		1.4E+09		Folpet	133-07-3	8.2E+02	1.2E+03		4.9E+02	1.0E+05	1.5E+05		6.2E+04
1.9E-01	I									1	0.1		1.4E+09		Fomesafen	72178-02-0	1.5E+01	2.3E+01		9.1E+00				
				2.0E-03	I					1	0.1		1.4E+09		Fonofos	944-22-9					2.0E+03	3.1E+03		1.2E+03
		1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1		1.4E+09		Formaldehyde	50-00-0			1.3E+06	1.3E+06	2.0E+05	3.1E+05	5.8E+07	1.2E+05

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				9.0E-01	P	3.0E-04	X			1	0.1		1.4E+09		Formic Acid	64-18-6					9.2E+05	1.4E+06	1.8E+06	4.2E+05
				3.0E+00	I					1	0.1		1.4E+09		Fosetyl-AL	39148-24-8					3.1E+06	4.6E+06		1.8E+06
															Furans									
				1.0E-03	X			V		1		1.7E+02	1.4E+09	2.1E+05	~Dibenzofuran	132-64-9					1.0E+03			1.0E+03
				1.0E-03	I			V		1		6.2E+03	1.4E+09	2.8E+03	~Furan	110-00-9					1.0E+03			1.0E+03
3.8E+00	H									1	0.1		1.4E+09		Furazolidone	67-45-8	7.5E-01	1.1E+00		4.5E-01				
				3.0E-03	I	5.0E-02	H			1	0.1		1.4E+09		Furfural	98-01-1					3.1E+03	4.6E+03	3.0E+08	1.8E+03
1.5E+00	C	4.3E-04	C							1	0.1		1.4E+09		Furium	531-82-8	1.9E+00	2.9E+00	3.9E+04	1.1E+00				
3.0E-02	I	8.6E-06	C							1	0.1		1.4E+09		Furmecyclox	60568-05-0	9.5E+01	1.4E+02	1.9E+06	5.7E+01				
				4.0E-04	I					1	0.1		1.4E+09		Glufosinate, Ammonium	77182-82-2					4.1E+02	6.2E+02		2.5E+02
						8.0E-05	C			1	0.1		1.4E+09		Glutaraldehyde	111-30-8							4.8E+05	4.8E+05
				4.0E-04	I	1.0E-03	H			1	0.1		1.4E+09		Glycidyl	765-34-4					4.1E+02	6.2E+02	6.0E+06	2.5E+02
				1.0E-01	I					1	0.1		1.4E+09		Glyphosate	1071-83-6					1.0E+05	1.5E+05		6.2E+04
				3.0E-03	I					1	0.1		1.4E+09		Goal	42874-03-3					3.1E+03	4.6E+03		1.8E+03
				3.0E-03	A	1.0E-02	A			1	0.1		1.4E+09		Guthion	86-50-0					3.1E+03	4.6E+03	6.0E+07	1.8E+03
				5.0E-05	I					1	0.1		1.4E+09		Haloxyfop, Methyl	69806-40-2					5.1E+01	7.7E+01		3.1E+01
				1.3E-02	I					1	0.1		1.4E+09		Harmony	79277-27-3					1.3E+04	2.0E+04		8.0E+03
4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1		1.4E+09		Heptachlor	76-44-8	6.4E-01	9.6E-01	1.3E+04	3.8E-01	5.1E+02	7.7E+02		3.1E+02
9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		1.4E+09		Heptachlor Epoxide	1024-57-3	3.1E-01	4.8E-01	6.4E+03	1.9E-01	1.3E+01	2.0E+01		8.0E+00
				2.0E-03	I					1	0.1		1.4E+09		Hexabromobenzene	87-82-1					2.0E+03	3.1E+03		1.2E+03
				2.0E-04	I					1	0.1		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E+02	3.1E+02		1.2E+02
1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		1.4E+09		Hexachlorobenzene	118-74-1	1.8E+00	2.7E+00	3.6E+04	1.1E+00	8.2E+02	1.2E+03		4.9E+02
7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		1.4E+09		Hexachlorobutadiene	87-68-3	3.7E+01	5.6E+01	7.6E+05	2.2E+01	1.0E+03	1.5E+03		6.2E+02
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	4.5E-01	6.9E-01	9.3E+03	2.7E-01	8.2E+03	1.2E+04		4.9E+03
1.8E+00	I	5.3E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	1.6E+00	2.4E+00	3.1E+04	9.6E-01				
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.6E+00	9.9E+00	5.4E+04	2.1E+00	3.1E+02	1.2E+03		2.4E+02
1.8E+00	I	5.1E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	1.6E+00	2.4E+00	3.3E+04	9.6E-01				
				6.0E-03	I	2.0E-04	I			1	0.1		1.4E+09		Hexachlorocyclopentadiene	77-47-4					6.1E+03	9.3E+03	1.2E+06	3.7E+03
1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1		1.4E+09		Hexachloroethane	67-72-1	2.0E+02	3.1E+02	4.2E+06	1.2E+02	1.0E+03	1.5E+03		6.2E+02
				3.0E-04	I					1	0.1		1.4E+09		Hexachlorophene	70-30-4					3.1E+02	4.6E+02		1.8E+02
1.1E-01	I			3.0E-03	I					1	0.015		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.6E+01	2.6E+02		2.4E+01	3.1E+03	3.1E+04		2.8E+03
						1.0E-05	I	V		1		5.2E+03	1.4E+09	3.2E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							1.4E+01	1.4E+01
				6.0E-02	H	7.0E-01	I	V		1		1.4E+02	1.4E+09	8.9E+02	Hexane, N-	110-54-3					6.1E+04		2.7E+03	2.6E+03
				2.0E+00	P					1	0.1		1.4E+09		Hexanedioic Acid	124-04-9					2.0E+06	3.1E+06		1.2E+06
				5.0E-03	I	3.0E-02	I	V		1		3.3E+03	1.4E+09	1.4E+04	Hexanone, 2-	591-78-6					5.1E+03		1.9E+03	1.4E+03
				3.3E-02	I					1	0.1		1.4E+09		Hexazinone	51235-04-2					3.4E+04	5.1E+04		2.0E+04
3.0E+00	I	4.9E-03	I			3.0E-05	P			1			1.4E+09		Hydrazine	302-01-2	9.5E-01		3.4E+03	9.5E-01			1.8E+05	1.8E+05
3.0E+00	I	4.9E-03	I							1			1.4E+09		Hydrazine Sulfate	10034-93-2	9.5E-01		3.4E+03	9.5E-01				
						2.0E-02	I			1			1.4E+09		Hydrogen Chloride	7647-01-0							1.2E+08	1.2E+08
				4.0E-02	C	1.4E-02	C			1			1.4E+09		Hydrogen Fluoride	7664-39-3					4.1E+04		8.3E+07	4.1E+04
						2.0E-03	I			1			1.4E+09		Hydrogen Sulfide	7783-06-4							1.2E+07	1.2E+07
6.0E-02	P			4.0E-02	P					1	0.1		1.4E+09		Hydroquinone	123-31-9	4.8E+01	7.2E+01		2.9E+01	4.1E+04	6.2E+04		2.5E+04
				1.3E-02	I					1	0.1		1.4E+09		Imazalil	35554-44-0					1.3E+04	2.0E+04		8.0E+03
				2.5E-01	I					1	0.1		1.4E+09		Imazaquin	81335-37-7					2.6E+05	3.9E+05		1.5E+05
				1.0E-02	A					1			1.4E+09		Iodine	7553-56-2					1.0E+04			1.0E+04
				4.0E-02	I					1	0.1		1.4E+09		Iprodione	36734-19-7					4.1E+04	6.2E+04		2.5E+04
				7.0E-01	P					1			1.4E+09		Iron	7439-89-6					7.2E+05			7.2E+05
				3.0E-01	I			V		1		1.0E+04	1.4E+09	3.0E+04	Isobutyl Alcohol	78-83-1					3.1E+05			3.1E+05
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		1.4E+09		Isophorone	78-59-1	3.0E+03	4.6E+03		1.8E+03	2.0E+05	3.1E+05	1.2E+10	1.2E+05
				1.5E-02	I					1	0.1		1.4E+09		Isopropalin	33820-53-0					1.5E+04	2.3E+04		9.2E+03
						7.0E+00	C			1	0.1		1.4E+09		Isopropanol	67-63-0							4.2E+10	4.2E+10
				1.0E-01	I					1	0.1		1.4E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E+05	1.5E+05		6.2E+04
				5.0E-02	I					1	0.1		1.4E+09		Isoxaben	82558-50-7					5.1E+04	7.7E+04		3.1E+04
						3.0E-01	A	V		1			1.4E+09		JP-7	NA							1.8E+09	1.8E+09
				7.5E-02	I					1	0.1		1.4E+09		Kerb	23950-58-5					7.7E+04	1.2E+05		4.6E+04
				2.0E-03	I					1	0.1		1.4E+09		Lactofen	77501-63-4					2.0E+03	3.1E+03		1.2E+03
															Lead Compounds									
2.8E-01	C	8.0E-05	C							1	0.1		1.4E+09		~Lead acetate	301-04-2	1.0E+01	1.5E+01	2.1E+05	6.2E+00				
										1			1.4E+09		~Lead and Compounds	7439-92-1								8.0E+02
3.8E-02	C	1.1E-05	C							1	0.1		1.4E+09		~Lead subacetate	1335-32-6	7.5E+01	1.1E+02	1.5E+06	4.5E+01				
				1.0E-07	I					1	0.1		1.4E+09		~Tetraethyl Lead	78-00-2					1.0E-01	1.5E-01		6.2E-02
				2.0E-03	I					1	0.1		1.4E+09		Linuron	330-55-2					2.0E+03	3.1E+03		1.2E+03
				2.0E-03	P					1			1.4E+09		Lithium	7439-93-2					2.0E+03			2.0E+03
				2.0E-01	I					1	0.1		1.4E+09		Londax	83055-99-6					2.0E+05	3.1E+05		1.2E+05
				5.0E-04	I					1	0.1		1.4E+09		MCPA	94-74-6					5.1E+02	7.7E+02		3.1E+02

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-02	I					1	0.1		1.4E+09		MCPB	94-81-5					1.0E+04	1.5E+04		6.2E+03
				1.0E-03	I					1	0.1		1.4E+09		MCPP	93-65-2					1.0E+03	1.5E+03		6.2E+02
				2.0E-02	I					1	0.1		1.4E+09		Malathion	121-75-5					2.0E+04	3.1E+04		1.2E+04
				1.0E-01	I	7.0E-04	C			1	0.1		1.4E+09		Maleic Anhydride	108-31-6					1.0E+05	1.5E+05	4.2E+06	6.1E+04
				5.0E-01	I					1	0.1		1.4E+09		Maleic Hydrazide	123-33-1					5.1E+05	7.7E+05		3.1E+05
				1.0E-04	P					1	0.1		1.4E+09		Malononitrile	109-77-3					1.0E+02	1.5E+02		6.2E+01
				3.0E-02	H					1	0.1		1.4E+09		Mancozeb	8018-01-7					3.1E+04	4.6E+04		1.8E+04
				5.0E-03	I					1	0.1		1.4E+09		Maneb	12427-38-2					5.1E+03	7.7E+03		3.1E+03
				1.4E-01	I	5.0E-05	I			1					Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I			0.04			1.4E+09		Manganese (Non-diet)	7439-96-5					2.5E+04		3.0E+05	2.3E+04
				9.0E-05	H					1	0.1		1.4E+09		Mephosfolan	950-10-7					9.2E+01	1.4E+02		5.5E+01
				3.0E-02	I					1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					3.1E+04	4.6E+04		1.8E+04
															Mercury Compounds									
				3.0E-04	I	3.0E-05	C			0.07			1.4E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					3.1E+02		1.8E+05	3.1E+02
						3.0E-04	I	V		1		3.1E+00	1.4E+09	3.2E+04	~Mercury (elemental)	7439-97-6							4.3E+01	4.3E+01
				1.0E-04	I					1			1.4E+09		~Methyl Mercury	22967-92-6					1.0E+02			1.0E+02
				8.0E-05	I					1	0.1		1.4E+09		~Phenylmercuric Acetate	62-38-4					8.2E+01	1.2E+02		4.9E+01
				3.0E-05	I					1	0.1		1.4E+09		Merphos	150-50-5					3.1E+01	4.6E+01		1.8E+01
				3.0E-05	I					1	0.1		1.4E+09		Merphos Oxide	78-48-8					3.1E+01	4.6E+01		1.8E+01
				6.0E-02	I					1	0.1		1.4E+09		Metalaxyl	57837-19-1					6.1E+04	9.3E+04		3.7E+04
				1.0E-04	I	7.0E-04	H	V		1		4.6E+03	1.4E+09	7.3E+03	Methacrylonitrile	126-98-7					1.0E+02		2.2E+01	1.8E+01
				5.0E-05	I					1	0.1		1.4E+09		Methamidophos	10265-92-6					5.1E+01	7.7E+01		3.1E+01
				5.0E-01	I	4.0E+00	C			1	0.1		1.4E+09		Methanol	67-56-1					5.1E+05	7.7E+05	2.4E+10	3.1E+05
				1.0E-03	I					1	0.1		1.4E+09		Methidathion	950-37-8					1.0E+03	1.5E+03		6.2E+02
				2.5E-02	I					1	0.1		1.4E+09		Methomyl	16752-77-5					2.6E+04	3.9E+04		1.5E+04
4.9E-02	C	1.4E-05	C							1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	5.8E+01	8.8E+01	1.2E+06	3.5E+01				
				5.0E-03	I					1	0.1		1.4E+09		Methoxychlor	72-43-5					5.1E+03	7.7E+03		3.1E+03
				8.0E-03	P	1.0E-03	P			1	0.1		1.4E+09		Methoxyethanol Acetate, 2-	110-49-6					8.2E+03	1.2E+04	6.0E+06	4.9E+03
				5.0E-03	P	2.0E-02	I			1	0.1		1.4E+09		Methoxyethanol, 2-	109-86-4					5.1E+03	7.7E+03	1.2E+08	3.1E+03
				1.0E+00	X			V		1		2.9E+04	1.4E+09	8.7E+03	Methyl Acetate	79-20-9					1.0E+06			1.0E+06
				3.0E-02	H			V		1		6.8E+03	1.4E+09	7.5E+03	Methyl Acrylate	96-33-3					3.1E+04			3.1E+04
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	1.4E+09	1.3E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.1E+05		2.9E+05	2.0E+05
		1.0E-03	X	1.0E-03	P	2.0E-05	X			1	0.1		1.4E+09		Methyl Hydrazine	60-34-4			1.7E+04	1.7E+04	1.0E+03	1.5E+03	1.2E+05	6.1E+02
				8.0E-02	H	3.0E+00	I	V		1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.2E+04		1.5E+05	5.3E+04
						1.0E-03	C			1	0.1		1.4E+09		Methyl Isocyanate	624-83-9							6.0E+06	6.0E+06
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	1.4E+09	6.8E+03	Methyl Methacrylate	80-62-6					1.4E+06		2.1E+04	2.1E+04
				2.5E-04	I					1	0.1		1.4E+09		Methyl Parathion	298-00-0					2.6E+02	3.9E+02		1.5E+02
				6.0E-02	X					1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					6.1E+04	9.3E+04		3.7E+04
				6.0E-03	H	4.0E-02	H	V		1		3.8E+02	1.4E+09	1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					6.1E+03		2.2E+03	1.6E+03
9.9E-02	C	2.8E-05	C							1	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	2.9E+01	4.4E+01	6.0E+05	1.7E+01				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	1.4E+09	5.3E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.6E+03		2.5E+02	2.2E+02			6.9E+04	6.9E+04
				2.0E-04	X					1	0.1		1.4E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					2.0E+02	3.1E+02		1.2E+02
9.0E-03	P			2.0E-02	X					1	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	3.2E+02	4.8E+02		1.9E+02	2.0E+04	3.1E+04		1.2E+04
8.3E+00	C	2.4E-03	C							1	0.1		1.4E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.4E-01	5.2E-01	6.9E+03	2.1E-01				
1.3E-01	C	3.7E-05	C							1	0.1		1.4E+09		Methylaniline Hydrochloride, 2-	636-21-5	2.2E+01	3.3E+01	4.5E+05	1.3E+01				
				1.0E-02	A					1	0.1		1.4E+09		Methylarsonic acid	124-58-3					1.0E+04	1.5E+04		6.2E+03
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					2.0E+02	3.1E+02		1.2E+02
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9					2.0E+02	3.1E+02		1.2E+02
2.2E+01	C	6.3E-03	C						M	1	0.1		1.4E+09		Methylcholanthrene, 3-	56-49-5	1.3E-01	2.0E-01	2.6E+03	7.8E-02				
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		1		3.3E+03	1.4E+09	2.4E+03	Methylene Chloride	75-09-2	3.8E+02		6.2E+01	5.3E+01	6.1E+04		1.1E+04	9.2E+03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		1.4E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.9E+01	4.3E+01	3.9E+04	1.7E+01	2.0E+03	3.1E+03		1.2E+03
4.6E-02	I	1.3E-05	C							1	0.1		1.4E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	6.2E+01	9.4E+01	1.3E+06	3.7E+01				
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		1.4E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	1.8E+00	2.7E+00	3.6E+04	1.1E+00			1.2E+08	1.2E+08
						6.0E-04	I			1	0.1		1.4E+09		Methylenediphenyl Diisocyanate	101-68-8							3.6E+06	3.6E+06
				7.0E-02	H			V		1		5.0E+02	1.4E+09	1.4E+04	Methylstyrene, Alpha-	98-83-9					7.2E+04			7.2E+04
				1.5E-01	I					1	0.1		1.4E+09		Metolachlor	51218-45-2					1.5E+05	2.3E+05		9.2E+04
				2.5E-02	I					1	0.1		1.4E+09		Metribuzin	21087-64-9					2.6E+04	3.9E+04		1.5E+04
				3.0E+00	P					1	0.1		1.4E+09		Mineral oils	8012-95-1					3.1E+06	4.6E+06		1.8E+06
1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		1.4E+09		Mirex	2385-85-5	1.6E-01	2.4E-01	3.3E+03	9.6E-02	2.0E+02	3.1E+02		1.2E+02
				2.0E-03	I					1	0.1		1.4E+09		Molinate	2212-67-1					2.0E+03	3.1E+03		1.2E+03
				5.0E-03	I					1			1.4E+09		Molybdenum	7439-98-7					5.1E+03			5.1E+03
				1.0E-01	I					1			1.4E+09		Monochloramine	10599-90-3					1.0E+05			1.0E+05
				2.0E-03	P					1	0.1		1.4E+09		Monomethylaniline	100-61-8					2.0E+03	3.1E+03		1.2E+03
				3.0E-04	X					1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.1E+02	4.6E+02		1.8E+02
				2.0E-03	I					1	0.1		1.4E+09		Naled	300-76-5					2.0E+03	3.1E+03		1.2E+03

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SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				3.0E-02	X	1.0E-01	P	V		1			1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					3.1E+04		6.0E+08	3.1E+04
1.8E+00	C	0.0E+00	C							1	0.1		1.4E+09		Naphthylamine, 2-	91-59-8	1.6E+00	2.4E+00		9.6E-01				
				1.0E-01	I					1	0.1		1.4E+09		Napropamide	15299-99-7					1.0E+05	1.5E+05		6.2E+04
				5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Carbonyl	13463-39-3					5.1E+04		3.0E+05	4.4E+04
				5.0E-02	C	1.0E-04	C			1			1.4E+09		Nickel Oxide	1313-99-1					5.1E+04		6.0E+05	4.7E+04
		2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Refinery Dust	NA			6.9E+04	6.9E+04	5.1E+04		3.0E+05	4.4E+04
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			1.4E+09		Nickel Soluble Salts	7440-02-0			6.4E+04	6.4E+04	2.0E+04		5.4E+05	2.0E+04
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Subsulfide	12035-72-2	1.7E+00		3.5E+04	1.7E+00	5.1E+04		3.0E+05	4.4E+04
				1.6E+00	I					1			1.4E+09		Nitrate	14797-55-8					1.6E+06			1.6E+06
				1.0E-01	I					1			1.4E+09		Nitrite	14797-65-0					1.0E+05			1.0E+05
				1.0E-02	X	5.0E-05	X			1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4					1.0E+04	1.5E+04	3.0E+05	6.0E+03
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6	1.4E+02	2.2E+02		8.6E+01	4.1E+03	6.2E+03	3.6E+07	2.5E+03
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	1.4E+09	7.9E+04	Nitrobenzene	98-95-3			2.4E+01	2.4E+01	2.0E+03		3.1E+03	1.2E+03
				3.0E+03	P					1	0.1		1.4E+09		Nitrocellulose	9004-70-0					3.1E+09	4.6E+09		1.8E+09
				7.0E-02	H					1	0.1		1.4E+09		Nitrofurantoin	67-20-9					7.2E+04	1.1E+05		4.3E+04
1.3E+00	C	3.7E-04	C							1	0.1		1.4E+09		Nitrofurazone	59-87-0	2.2E+00	3.3E+00	4.5E+04	1.3E+00				
1.7E-02	P			1.0E-04	P					1	0.1		1.4E+09		Nitroglycerin	55-63-0	1.7E+02	2.6E+02		1.0E+02	1.0E+02	1.5E+02		6.2E+01
				1.0E-01	I					1	0.1		1.4E+09		Nitroguanidine	556-88-7					1.0E+05	1.5E+05		6.2E+04
		9.0E-06	P			2.0E-02	P	V		1		1.8E+04	1.4E+09	1.8E+04	Nitromethane	75-52-5			2.5E+01	2.5E+01			1.6E+03	1.6E+03
		2.7E-03	H			2.0E-02	I	V		1		4.9E+03	1.4E+09	1.4E+04	Nitropropane, 2-	79-46-9			6.4E-02	6.4E-02			1.2E+03	1.2E+03
2.7E+01	C	7.7E-03	C						M	1	0.1		1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	1.1E-01	1.6E-01	2.2E+03	6.4E-02				
1.2E+02	C	3.4E-02	C						M	1	0.1		1.4E+09		Nitroso-N-methylurea, N-	684-93-5	2.4E-02	3.6E-02	4.9E+02	1.4E-02				
5.4E+00	I	1.6E-03	I					V		1		7.1E+03	1.4E+09	2.1E+05	Nitroso-di-N-butylamine, N-	924-16-3	5.3E-01		1.6E+00	4.0E-01				
7.0E+00	I	2.0E-03	C							1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.1E-01	6.2E-01	8.3E+03	2.5E-01				
2.8E+00	I	8.0E-04	C							1	0.1		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	1.0E+00	1.5E+00	2.1E+04	6.2E-01				
1.5E+02	I	4.3E-02	I						M	1	0.1		1.4E+09		Nitrosodiethylamine, N-	55-18-5	1.9E-02	2.9E-02	3.9E+02	1.1E-02				
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	1	0.1		1.4E+09		Nitrosodimethylamine, N-	62-75-9	5.6E-02	8.5E-02	1.2E+03	3.4E-02	8.2E+00	1.2E+01	2.4E+05	4.9E+00
4.9E-03	I	2.6E-06	C							1	0.1		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	5.8E+02	8.8E+02	6.4E+06	3.5E+02				
2.2E+01	I	6.3E-03	C							1	0.1		1.4E+09		Nitrosomethylethylamine, N-	10595-95-6	1.3E-01	2.0E-01	2.6E+03	7.8E-02				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	4.3E-01	6.5E-01	8.8E+03	2.6E-01				
9.4E+00	C	2.7E-03	C							1	0.1		1.4E+09		Nitrosopiperidine [N-]	100-75-4	3.0E-01	4.6E-01	6.2E+03	1.8E-01				
2.1E+00	I	6.1E-04	I							1	0.1		1.4E+09		Nitrosopyrrolidine, N-	930-55-2	1.4E+00	2.1E+00	2.7E+04	8.2E-01				
				1.0E-04	X					1	0.1		1.4E+09		Nitrotoluene, m-	99-08-1					1.0E+02	1.5E+02		6.2E+01
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	1.4E+09	1.5E+05	Nitrotoluene, o-	88-72-2	1.3E+01			1.3E+01	9.2E+02			9.2E+02
1.6E-02	P			4.0E-03	P					1	0.1		1.4E+09		Nitrotoluene, p-	99-99-0	1.8E+02	2.7E+02		1.1E+02	4.1E+03	6.2E+03		2.5E+03
				3.0E-04	X	2.0E-01	P	V		1		6.9E+00	1.4E+09	1.1E+03	Nonane, n-	111-84-2					3.1E+02		9.8E+02	2.3E+02
				4.0E-02	I					1	0.1		1.4E+09		Norflurazon	27314-13-2					4.1E+04	6.2E+04		2.5E+04
				7.0E-04	I					1	0.1		1.4E+09		Nustar	85509-19-9					7.2E+02	1.1E+03		4.3E+02
				3.0E-03	I					1	0.1		1.4E+09		Octabromodiphenyl Ether	32536-52-0					3.1E+03	4.6E+03		1.8E+03
				5.0E-02	I					1	0.006		1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.1E+04	1.3E+06		4.9E+04
				2.0E-03	H					1	0.1		1.4E+09		Octamethylpyrophosphoramide	152-16-9					2.0E+03	3.1E+03		1.2E+03
				5.0E-02	I					1	0.1		1.4E+09		Oryzalin	19044-88-3					5.1E+04	7.7E+04		3.1E+04
				5.0E-03	I					1	0.1		1.4E+09		Oxadiazon	19666-30-9					5.1E+03	7.7E+03		3.1E+03
				2.5E-02	I					1	0.1		1.4E+09		Oxamyl	23135-22-0					2.6E+04	3.9E+04		1.5E+04
				1.3E-02	I					1	0.1		1.4E+09		Paclobutrazol	76738-62-0					1.3E+04	2.0E+04		8.0E+03
				4.5E-03	I					1	0.1		1.4E+09		Paraquat Dichloride	1910-42-5					4.6E+03	7.0E+03		2.8E+03
				6.0E-03	H					1	0.1		1.4E+09		Parathion	56-38-2					6.1E+03	9.3E+03		3.7E+03
				5.0E-02	H					1	0.1		1.4E+09		Pebulate	1114-71-2					5.1E+04	7.7E+04		3.1E+04
				4.0E-02	I					1	0.1		1.4E+09		Pendimethalin	40487-42-1					4.1E+04	6.2E+04		2.5E+04
				2.0E-03	I					1	0.1		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					2.0E+03	3.1E+03		1.2E+03
				1.0E-04	I					1	0.1		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E+02	1.5E+02		6.2E+01
				8.0E-04	I					1	0.1		1.4E+09		Pentachlorobenzene	608-93-5					8.2E+02	1.2E+03		4.9E+02
9.0E-02	P									1	0.1		1.4E+09		Pentachloroethane	76-01-7	3.2E+01	4.8E+01		1.9E+01				
2.6E-01	H			3.0E-03	I					1	0.1		1.4E+09		Pentachloronitrobenzene	82-68-8	1.1E+01	1.7E+01		6.6E+00	3.1E+03	4.6E+03		1.8E+03
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		1.4E+09		Pentachlorophenol	87-86-5	7.2E+00	4.3E+00	3.3E+06	2.7E+00	5.1E+03	3.1E+03		1.9E+03
4.0E-03	X			2.0E-03	P					1	0.1		1.4E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	7.2E+02	1.1E+03		4.3E+02	2.0E+03	3.1E+03		1.2E+03
						1.0E+00	P	V		1		3.9E+02	1.4E+09	8.4E+02	Pentane, n-	109-66-0							3.7E+03	3.7E+03
															Perchlorates									
				7.0E-04	I					1			1.4E+09		~Ammonium Perchlorate	7790-98-9					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Lithium Perchlorate	7791-03-9					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Perchlorate and Perchlorate Salts	14797-73-0					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Potassium Perchlorate	7778-74-7					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Sodium Perchlorate	7601-89-0					7.2E+02			7.2E+02
				5.0E-02	I					1	0.1		1.4E+09		Permethrin	52645-53-1					5.1E+04	7.7E+04		3.1E+04
2.2E-03	C	6.3E-07	C							1	0.1		1.4E+09		Phenacetin	62-44-2	1.3E+03	2.0E+03	2.6E+07	7.8E+02				

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				2.5E-01	I					1	0.1		1.4E+09		Phenmedipham	13684-63-4					2.6E+05	3.9E+05		1.5E+05
				3.0E-01	I	2.0E-01	C			1	0.1		1.4E+09		Phenol	108-95-2					3.1E+05	4.6E+05	1.2E+09	1.8E+05
				5.0E-04	X					1	0.1		1.4E+09		Phenothiazine	92-84-2					5.1E+02	7.7E+02		3.1E+02
				6.0E-03	I					1	0.1		1.4E+09		Phenylenediamine, m-	108-45-2					6.1E+03	9.3E+03		3.7E+03
4.7E-02	H									1	0.1		1.4E+09		Phenylenediamine, o-	95-54-5	6.1E+01	9.2E+01		3.7E+01				
				1.9E-01	H					1	0.1		1.4E+09		Phenylenediamine, p-	106-50-3					1.9E+05	2.9E+05		1.2E+05
1.9E-03	H									1	0.1		1.4E+09		Phenylphenol, 2-	90-43-7	1.5E+03	2.2E+03		8.9E+02				
				2.0E-04	H					1	0.1		1.4E+09		Phorate	298-02-2					2.0E+02	3.1E+02		1.2E+02
						3.0E-04	I	V		1		1.6E+03	1.4E+09	1.1E+03	Phosgene	75-44-5							1.4E+00	1.4E+00
				2.0E-02	I					1	0.1		1.4E+09		Phosmet	732-11-6					2.0E+04	3.1E+04		1.2E+04
															Phosphates, Inorganic									
				4.9E+01	P					1			1.4E+09		~Aluminum metaphosphate	13776-88-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Ammonium polyphosphate	68333-79-9					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Calcium pyrophosphate	7790-76-3					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Diammonium phosphate	7783-28-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Dicalcium phosphate	7757-93-9					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Dimagnesium phosphate	7782-75-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Dipotassium phosphate	7758-11-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Disodium phosphate	7558-79-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monoaluminum phosphate	13530-50-2					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monoammonium phosphate	7722-76-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monocalcium phosphate	7758-23-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monomagnesium phosphate	7757-86-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monopotassium phosphate	7778-77-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monosodium phosphate	7558-80-7					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Polyphosphoric acid	8017-16-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Potassium tripolyphosphate	13845-36-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium acid pyrophosphate	7758-16-9					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (acidic)	7785-88-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (anhydrous)	10279-59-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium hexametaphosphate	10124-56-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium polyphosphate	68915-31-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium trimetaphosphate	7785-84-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium tripolyphosphate	7758-29-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tetrapotassium phosphate	7320-34-5					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tetrasodium pyrophosphate	7722-88-5					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tricalcium phosphate	7758-87-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Trimagnesium phosphate	7757-87-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tripotassium phosphate	7778-53-2					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Trisodium phosphate	7601-54-9					5.0E+07			5.0E+07
				3.0E-04	I	3.0E-04	I			1			1.4E+09		Phosphine	7803-51-2					3.1E+02		1.8E+06	3.1E+02
				4.9E+01	P	1.0E-02	I			1			1.4E+09		Phosphoric Acid	7664-38-2					5.0E+07		6.0E+07	2.7E+07
				2.0E-05	I					1			1.4E+09		Phosphorus, White	7723-14-0					2.0E+01			2.0E+01
				1.0E+00	H					1	0.1		1.4E+09		Phthalic Acid, P-	100-21-0					1.0E+06	1.5E+06		6.2E+05
				2.0E+00	I	2.0E-02	C			1	0.1		1.4E+09		Phthalic Anhydride	85-44-9					2.0E+06	3.1E+06	1.2E+08	1.2E+06
				7.0E-02	I					1	0.1		1.4E+09		Picloram	1918-02-1					7.2E+04	1.1E+05		4.3E+04
				1.0E-04	X					1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.0E+02	1.5E+02		6.2E+01
				1.0E-02	I					1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7					1.0E+04	1.5E+04		6.2E+03
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		1.4E+09		Polybrominated Biphenyls	59536-65-1	9.5E-02	1.4E-01	1.9E+03	5.7E-02	7.2E+00	1.1E+01		4.3E+00
															Polychlorinated Biphenyls (PCBs)									
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14		1.4E+09		~Aroclor 1016	12674-11-2	4.1E+01	4.4E+01	8.3E+05	2.1E+01	7.2E+01	7.7E+01		3.7E+01
2.0E+00	S	5.7E-04	S					V		1	0.14	7.6E+02	1.4E+09	9.2E+04	~Aroclor 1221	11104-28-2	1.4E+00	1.5E+00	2.0E+00	5.4E-01				
2.0E+00	S	5.7E-04	S					V		1	0.14	7.3E+01	1.4E+09	9.2E+04	~Aroclor 1232	11141-16-5	1.4E+00	1.5E+00	2.0E+00	5.4E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1242	53469-21-9	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1248	12672-29-6	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I					1	0.14		1.4E+09		~Aroclor 1254	11097-69-1	1.4E+00	1.5E+00	2.9E+04	7.4E-01	2.0E+01	2.2E+01		1.1E+01
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1260	11096-82-5	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	7.3E-04	7.9E-04	1.5E+01	3.8E-04	3.4E-02	3.7E-02	7.9E+03	1.8E-02
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	2.2E-04	2.4E-04	4.4E+00	1.1E-04	1.0E-02	1.1E-02	2.4E+03	5.3E-03
2.0E+00	I	5.7E-04	I							1	0.14		1.4E+09		~Polychlorinated Biphenyls (high risk)	1336-36-3	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
4.0E-01	I	1.0E-04	I							1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I							1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.2E-01	2.4E-01	4.4E+03	1.1E-01	1.0E+01	1.1E+01	2.4E+06	5.3E+00
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	7.3E-02	7.9E-02	1.5E+03	3.8E-02	3.4E+00	3.7E+00	7.9E+05	1.8E+00
						6.0E-04	I			1	0.1		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+06	3.6E+06
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V		1	0.13		1.4E+09	1.5E+05	~Acenaphthene	83-32-9					6.1E+04	7.1E+04		3.3E+04
				3.0E-01	I			V		1	0.13		1.4E+09	5.6E+05	~Anthracene	120-12-7					3.1E+05	3.6E+05		1.7E+05
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benz[a]anthracene	56-55-3	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Benzo(j)fluoranthene	205-82-3	2.4E+00	2.8E+00	1.5E+05	1.3E+00				
7.3E+00	I	1.1E-03	C						M	1	0.13		1.4E+09		~Benzo[a]pyrene	50-32-8	3.9E-01	4.6E-01	1.5E+04	2.1E-01				
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[b]fluoranthene	205-99-2	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
7.3E-02	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[k]fluoranthene	207-08-9	3.9E+01	4.6E+01	1.5E+05	2.1E+01				
7.3E-03	E	1.1E-05	C						M	1	0.13		1.4E+09		~Chrysene	218-01-9	3.9E+02	4.6E+02	1.5E+06	2.1E+02				
7.3E+00	E	1.2E-03	C						M	1	0.13		1.4E+09		~Dibenz[a,h]anthracene	53-70-3	3.9E-01	4.6E-01	1.4E+04	2.1E-01				
1.2E+01	C	1.1E-03	C							1	0.13		1.4E+09		~Dibenzo(a,e)pyrene	192-65-4	2.4E-01	2.8E-01	1.5E+04	1.3E-01				
2.5E+02	C	7.1E-02	C						M	1	0.13		1.4E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.1E-02	1.3E-02	2.3E+02	6.2E-03				
				4.0E-02	I					1	0.13		1.4E+09		~Fluoranthene	206-44-0					4.1E+04	4.8E+04		2.2E+04
				4.0E-02	I			V		1	0.13		1.4E+09	3.0E+05	~Fluorene	86-73-7					4.1E+04	4.8E+04		2.2E+04
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
2.9E-02	P			7.0E-02	A			V		1		3.9E+02	1.4E+09	6.3E+04	~Methylnaphthalene, 1-	90-12-0	9.9E+01			9.9E+01	7.2E+04			7.2E+04
				4.0E-03	I			V		1		3.7E+02	1.4E+09	6.2E+04	~Methylnaphthalene, 2-	91-57-6					4.1E+03			4.1E+03
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		1.4E+09	5.0E+04	~Naphthalene	91-20-3			1.8E+01	1.8E+01	2.0E+04	2.4E+04	6.6E+02	6.2E+02
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Nitropyrene, 4-	57835-92-4	2.4E+00	2.8E+00	1.5E+05	1.3E+00				
				3.0E-02	I			V		1	0.13		1.4E+09	2.6E+06	~Pyrene	129-00-0					3.1E+04	3.6E+04		1.7E+04
1.5E-01	I			9.0E-03	I					1	0.1		1.4E+09		Prochloraz	67747-09-5	1.9E+01	2.9E+01		1.1E+01	9.2E+03	1.4E+04		5.5E+03
				6.0E-03	H					1	0.1		1.4E+09		Profluralin	26399-36-0					6.1E+03	9.3E+03		3.7E+03
				1.5E-02	I					1	0.1		1.4E+09		Prometon	1610-18-0					1.5E+04	2.3E+04		9.2E+03
				4.0E-03	I					1	0.1		1.4E+09		Prometryn	7287-19-6					4.1E+03	6.2E+03		2.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Propachlor	1918-16-7					1.3E+04	2.0E+04		8.0E+03
				5.0E-03	I					1	0.1		1.4E+09		Propanil	709-98-8					5.1E+03	7.7E+03		3.1E+03
				2.0E-02	I					1	0.1		1.4E+09		Propargite	2312-35-8					2.0E+04	3.1E+04		1.2E+04
				2.0E-03	I					1	0.1		1.4E+09		Propargyl Alcohol	107-19-7					2.0E+03	3.1E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Propazine	139-40-2					2.0E+04	3.1E+04		1.2E+04
				2.0E-02	I					1	0.1		1.4E+09		Propham	122-42-9					2.0E+04	3.1E+04		1.2E+04
				1.3E-02	I					1	0.1		1.4E+09		Propiconazole	60207-90-1					1.3E+04	2.0E+04		8.0E+03
						8.0E-03	I	V		1		3.3E+04	1.4E+09	9.6E+03	Propionaldehyde	123-38-6							3.4E+02	3.4E+02
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	1.4E+09	7.5E+03	Propyl benzene	103-65-1					1.0E+05	1.5E+05	3.3E+04	2.1E+04
						3.0E+00	C			1	0.1		1.4E+09		Propylene	115-07-1							1.8E+10	1.8E+10
				2.0E+01	P					1	0.1		1.4E+09		Propylene Glycol	57-55-6					2.0E+07	3.1E+07		1.2E+07
						2.7E-04	A	V		1		1.5E+03	1.4E+09	2.0E+05	Propylene Glycol Dinitrate	6423-43-4							2.4E+02	2.4E+02
				7.0E-01	H					1	0.1		1.4E+09		Propylene Glycol Monoethyl Ether	1569-02-4					7.2E+05	1.1E+06		4.3E+05
				7.0E-01	H	2.0E+00	I			1	0.1		1.4E+09		Propylene Glycol Monomethyl Ether	107-98-2					7.2E+05	1.1E+06	1.2E+10	4.3E+05
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		7.8E+04	1.4E+09	1.1E+04	Propylene Oxide	75-56-9	1.2E+01		3.7E+01	9.0E+00			1.5E+03	1.5E+03
				2.5E-01	I					1	0.1		1.4E+09		Pursuit	81335-77-5					2.6E+05	3.9E+05		1.5E+05
				2.5E-02	I					1	0.1		1.4E+09		Pydrin	51630-58-1					2.6E+04	3.9E+04		1.5E+04
				1.0E-03	I			V		1		5.3E+05	1.4E+09	6.0E+04	Pyridine	110-86-1					1.0E+03			1.0E+03
				5.0E-04	I					1	0.1		1.4E+09		Quinalphos	13593-03-8					5.1E+02	7.7E+02		3.1E+02
3.0E+00	I									1	0.1		1.4E+09		Quinoline	91-22-5	9.5E-01	1.4E+00		5.7E-01				
						3.0E-02	A			1			1.4E+09		Refractory Ceramic Fibers	NA							1.8E+08	1.8E+08
				3.0E-02	I					1	0.1		1.4E+09		Resmethrin	10453-86-8					3.1E+04	4.6E+04		1.8E+04
				5.0E-02	H					1	0.1		1.4E+09		Ronnel	299-84-3					5.1E+04	7.7E+04		3.1E+04
				4.0E-03	I					1	0.1		1.4E+09		Rotenone	83-79-4					4.1E+03	6.2E+03		2.5E+03
2.2E-01	C	6.3E-05	C						M	1	0.1		1.4E+09		Safrole	94-59-7	1.3E+01	2.0E+01	2.6E+05	7.8E+00				
				2.5E-02	I					1	0.1		1.4E+09		Savey	78587-05-0					2.6E+04	3.9E+04		1.5E+04
				5.0E-03	I					1			1.4E+09		Selenious Acid	7783-00-8					5.1E+03			5.1E+03
				5.0E-03	I	2.0E-02	C			1			1.4E+09		Selenium	7782-49-2					5.1E+03		1.2E+08	5.1E+03
				5.0E-03	C	2.0E-02	C			1			1.4E+09		Selenium Sulfide	7446-34-6					5.1E+03		1.2E+08	5.1E+03
				9.0E-02	I					1	0.1		1.4E+09		Sethoxydim	74051-80-2					9.2E+04	1.4E+05		5.5E+04
						3.0E-03	C			1			1.4E+09		Silica (crystalline, respirable)	7631-86-9							1.8E+07	1.8E+07

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				5.0E-03	I					0.04			1.4E+09		Silver	7440-22-4					5.1E+03			5.1E+03
1.2E-01	H			5.0E-03	I					1	0.1		1.4E+09		Simazine	122-34-9	2.4E+01	3.6E+01		1.4E+01	5.1E+03	7.7E+03		3.1E+03
				1.3E-02	I					1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.3E+04	2.0E+04		8.0E+03
				4.0E-03	I					1			1.4E+09		Sodium Azide	26628-22-8					4.1E+03			4.1E+03
2.7E-01	H			3.0E-02	I					1	0.1		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	1.1E+01	1.6E+01		6.4E+00	3.1E+04	4.6E+04		1.8E+04
				5.0E-02	A	1.3E-02	C			1			1.4E+09		Sodium Fluoride	7681-49-4					5.1E+04		7.7E+07	5.1E+04
				2.0E-05	I					1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					2.0E+01	3.1E+01		1.2E+01
				1.0E-03	H					1			1.4E+09		Sodium Metavanadate	13718-26-8					1.0E+03			1.0E+03
2.4E-02	H			3.0E-02	I					1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	1.2E+02	1.8E+02		7.2E+01	3.1E+04	4.6E+04		1.8E+04
				6.0E-01	I					1			1.4E+09		Strontium, Stable	7440-24-6					6.1E+05			6.1E+05
				3.0E-04	I					1	0.1		1.4E+09		Strychnine	57-24-9					3.1E+02	4.6E+02		1.8E+02
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	1.4E+09	1.0E+04	Styrene	100-42-5					2.0E+05		4.4E+04	3.6E+04
				8.0E-04	P					1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					8.2E+02	1.2E+03		4.9E+02
						1.0E-03	C			1			1.4E+09		Sulfuric Acid	7664-93-9							6.0E+06	6.0E+06
				2.5E-02	I					1	0.1		1.4E+09		Systhane	88671-89-0					2.6E+04	3.9E+04		1.5E+04
				3.0E-02	H					1	0.1		1.4E+09		TCMTB	21564-17-0					3.1E+04	4.6E+04		1.8E+04
				7.0E-02	I					1	0.1		1.4E+09		Tebuthiuron	34014-18-1					7.2E+04	1.1E+05		4.3E+04
				2.0E-02	H					1	0.1		1.4E+09		Temephos	3383-96-8					2.0E+04	3.1E+04		1.2E+04
				1.3E-02	I					1	0.1		1.4E+09		Terbacil	5902-51-2					1.3E+04	2.0E+04		8.0E+03
				2.5E-05	H					1	0.1		1.4E+09		Terbufos	13071-79-9					2.6E+01	3.9E+01		1.5E+01
				1.0E-03	I					1	0.1		1.4E+09		Terbutryn	886-50-0					1.0E+03	1.5E+03		6.2E+02
				1.0E-04	I					1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E+02	1.5E+02		6.2E+01
				3.0E-04	I					1	0.1		1.4E+09		Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.1E+02	4.6E+02		1.8E+02
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	1.4E+09	6.1E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	1.1E+02		1.0E+01	9.3E+00	3.1E+04			3.1E+04
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	1.4E+09	1.6E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	1.4E+01		3.4E+00	2.8E+00	2.0E+04			2.0E+04
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1		1.7E+02	1.4E+09	2.5E+03	Tetrachloroethylene	127-18-4	5.3E+00		5.3E+00	2.6E+00	1.0E+04		3.0E+03	2.3E+03
				3.0E-02	I					1	0.1		1.4E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					3.1E+04	4.6E+04		1.8E+04
2.0E+01	H									1	0.1		1.4E+09		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	1.4E-01	2.2E-01		8.6E-02				
				5.0E-04	I					1	0.1		1.4E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					5.1E+02	7.7E+02		3.1E+02
						8.0E+01	I	V		1		1.1E+03	1.4E+09	1.3E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							4.6E+05	4.6E+05
				4.0E-03	P					1	0.1		1.4E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.1E+03	6.2E+03		2.5E+03
				1.0E-05	X					1			1.4E+09		Thallium (Soluble Salts)	7440-28-0					1.0E+01			1.0E+01
				1.0E-02	I					1	0.1		1.4E+09		Thiobencarb	28249-77-6					1.0E+04	1.5E+04		6.2E+03
				7.0E-02	X					1	0.008		1.4E+09		Thiodiglycol	111-48-8					7.2E+04	1.4E+06		6.8E+04
				3.0E-04	H					1	0.1		1.4E+09		Thiofanox	39196-18-4					3.1E+02	4.6E+02		1.8E+02
				8.0E-02	I					1	0.1		1.4E+09		Thiophanate, Methyl	23564-05-8					8.2E+04	1.2E+05		4.9E+04
				5.0E-03	I					1	0.1		1.4E+09		Thiram	137-26-8					5.1E+03	7.7E+03		3.1E+03
				6.0E-01	H					1			1.4E+09		Tin	7440-31-5					6.1E+05			6.1E+05
						1.0E-04	A			1			1.4E+09		Titanium Tetrachloride	7550-45-0							6.0E+05	6.0E+05
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	1.4E+09	4.6E+03	Toluene	108-88-3					8.2E+04		1.0E+05	4.5E+04
1.8E-01	X			1.0E-04	X					1	0.1		1.4E+09		Toluene-2,5-diamine	95-70-5	1.6E+01	2.4E+01		9.6E+00	1.0E+02	1.5E+02		6.2E+01
1.9E-01	H									1	0.1		1.4E+09		Toluidine, p-	106-49-0	1.5E+01	2.3E+01		9.1E+00				
1.1E+00	I	3.2E-04	I							1	0.1		1.4E+09		Toxaphene	8001-35-2	2.6E+00	3.9E+00	5.2E+04	1.6E+00				
				7.5E-03	I					1	0.1		1.4E+09		Tralomethrin	66841-25-6					7.7E+03	1.2E+04		4.6E+03
				3.0E-04	A					1	0.1		1.4E+09		Tri-n-butyltin	688-73-3					3.1E+02	4.6E+02		1.8E+02
				1.3E-02	I					1	0.1		1.4E+09		Triallate	2303-17-5					1.3E+04	2.0E+04		8.0E+03
				1.0E-02	I					1	0.1		1.4E+09		Triasulfuron	82097-50-5					1.0E+04	1.5E+04		6.2E+03
				5.0E-03	I					1	0.1		1.4E+09		Tribromobenzene, 1,2,4-	615-54-3					5.1E+03	7.7E+03		3.1E+03
9.0E-03	P			1.0E-02	P					1	0.1		1.4E+09		Tributyl Phosphate	126-73-8	3.2E+02	4.8E+02		1.9E+02	1.0E+04	1.5E+04		6.2E+03
				3.0E-04	P					1	0.1		1.4E+09		Tributyltin Compounds	NA					3.1E+02	4.6E+02		1.8E+02
				3.0E-04	I					1	0.1		1.4E+09		Tributyltin Oxide	56-35-9					3.1E+02	4.6E+02		1.8E+02
				3.0E+01	I	3.0E+01	H	V		1		9.1E+02	1.4E+09	1.4E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.1E+07		1.8E+05	1.8E+05
										1	0.1		1.4E+09		Trichloroacetic Acid	76-03-9								
2.9E-02	H									1	0.1		1.4E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	9.9E+01	1.5E+02		5.9E+01				
7.0E-03	X			3.0E-05	X					1	0.1		1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	4.1E+02	6.2E+02		2.5E+02	3.1E+01	4.6E+01		1.8E+01
				8.0E-04	X			V		1	0.1	1.5E+02	1.4E+09	3.5E+04	Trichlorobenzene, 1,2,3-	87-61-6					8.2E+02	1.2E+03		4.9E+02
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	1.4E+09	3.2E+04	Trichlorobenzene, 1,2,4-	120-82-1	9.9E+01			9.9E+01	1.0E+04		2.8E+02	2.7E+02
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	1.4E+09	1.8E+03	Trichloroethane, 1,1,1-	71-55-6					2.0E+06		3.9E+04	3.8E+04
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	1.4E+09	7.8E+03	Trichloroethane, 1,1,2-	79-00-5	5.0E+01		6.0E+00	5.3E+00	4.1E+03		6.8E+00	6.8E+00
5.9E-03	C	2.0E-06	C			1.0E-02	Y	V		1		6.9E+02	1.4E+09	2.4E+03	Trichloroethylene	79-01-6	4.9E+02		1.5E+01	1.4E+01			1.0E+02	1.0E+02
				3.0E-01	I	7.0E-01	H	V		1		1.2E+03	1.4E+09	1.1E+03	Trichlorofluoromethane	75-69-4					3.1E+05		3.4E+03	3.4E+03
				1.0E-01	I					1	0.1		1.4E+09		Trichlorophenol, 2,4,5-	95-95-4					1.0E+05	1.5E+05		6.2E+04
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		1.4E+09		Trichlorophenol, 2,4,6-	88-06-2	2.6E+02	3.9E+02	5.4E+06	1.6E+02	1.0E+03	1.5E+03		6.2E+02
				1.0E-02	I					1	0.1		1.4E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E+04	1.5E+04		6.2E+03
				8.0E-03	I					1	0.1		1.4E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					8.2E+03	1.2E+04		4.9E+03

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				5.0E-03	I			V		1		1.3E+03	1.4E+09	1.6E+04	Trichloropropane, 1,1,2-	598-77-6					5.1E+03			5.1E+03
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	1.4E+09	1.7E+04	Trichloropropane, 1,2,3-	96-18-4	9.5E-02			9.5E-02	4.1E+03		2.2E+01	2.2E+01
				3.0E-03	X	3.0E-04	P	V		1		4.5E+02	1.4E+09	2.5E+03	Trichloropropene, 1,2,3-	96-19-5					3.1E+03		3.3E+00	3.3E+00
				3.0E-03	I					1	0.1		1.4E+09		Tridiphane	58138-08-2					3.1E+03	4.6E+03		1.8E+03
						7.0E-03	I	V		1		2.8E+04	1.4E+09	1.7E+04	Triethylamine	121-44-8							5.2E+02	5.2E+02
7.7E-03	I			7.5E-03	I					1	0.1		1.4E+09		Trifluralin	1582-09-8	3.7E+02	5.6E+02		2.2E+02	7.7E+03	1.2E+04		4.6E+03
2.0E-02	P			1.0E-02	P					1	0.1		1.4E+09		Trimethyl Phosphate	512-56-1	1.4E+02	2.2E+02		8.6E+01	1.0E+04	1.5E+04		6.2E+03
						5.0E-03	P	V					1.4E+09		Trimethylbenzene, 1,2,3-	526-73-8							3.0E+07	3.0E+07
						7.0E-03	P	V		1		2.2E+02	1.4E+09	8.5E+03	Trimethylbenzene, 1,2,4-	95-63-6							2.6E+02	2.6E+02
				1.0E-02	X			V		1		1.8E+02	1.4E+09	7.1E+03	Trimethylbenzene, 1,3,5-	108-67-8					1.0E+04			1.0E+04
				3.0E-02	I					1	0.019		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4					3.1E+04	2.4E+05		2.7E+04
3.0E-02	I			5.0E-04	I					1	0.032		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	9.5E+01	4.5E+02		7.9E+01	5.1E+02	2.4E+03		4.2E+02
				2.0E-02	P					1	0.1		1.4E+09		Triphenylphosphine Oxide	791-28-6					2.0E+04	3.1E+04		1.2E+04
2.0E-02	P			7.0E-03	P					1	0.1		1.4E+09		Tris(2-chloroethyl)phosphate	115-96-8	1.4E+02	2.2E+02		8.6E+01	7.2E+03	1.1E+04		4.3E+03
3.2E-03	P			1.0E-01	P					1	0.1		1.4E+09		Tris(2-ethylhexyl)phosphate	78-42-2	8.9E+02	1.4E+03		5.4E+02	1.0E+05	1.5E+05		6.2E+04
				3.0E-03	I	3.0E-04	A			1			1.4E+09		Uranium (Soluble Salts)	NA					3.1E+03		1.8E+06	3.1E+03
1.0E+00	C	2.9E-04	C						M	1	0.1		1.4E+09		Urethane	51-79-6	2.9E+00	4.3E+00	5.7E+04	1.7E+00				
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			1.4E+09		Vanadium Pentoxide	1314-62-1			2.0E+03	2.0E+03	9.2E+03		4.2E+04	7.5E+03
				2.0E-02	H					0.026			1.4E+09		Vanadium Sulfate	36907-42-3					2.0E+04			2.0E+04
				5.0E-03	S					1			1.4E+09		Vanadium and Compounds	NA					5.2E+03			5.2E+03
				1.0E-03	I					1	0.1		1.4E+09		Vernolate	1929-77-7					1.0E+03	1.5E+03		6.2E+02
				2.5E-02	I					1	0.1		1.4E+09		Vinclozolin	50471-44-8					2.6E+04	3.9E+04		1.5E+04
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	1.4E+09	4.7E+03	Vinyl Acetate	108-05-4					1.0E+06		4.1E+03	4.1E+03
		3.2E-05	H			3.0E-03	I	V		1		0.0E+00	1.4E+09	1.5E+03	Vinyl Bromide	593-60-2			5.6E-01	5.6E-01			1.9E+01	1.9E+01
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	1.4E+09	1.0E+03	Vinyl Chloride	75-01-4	4.0E+00		2.9E+00	1.7E+00	3.1E+03		4.5E+02	3.9E+02
				3.0E-04	I					1	0.1		1.4E+09		Warfarin	81-81-2					3.1E+02	4.6E+02		1.8E+02
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	6.0E+03	Xylene, P-	106-42-3					2.0E+05		2.6E+03	2.6E+03
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.9E+03	Xylene, m-	108-38-3					2.0E+05		2.6E+03	2.5E+03
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	1.4E+09	7.0E+03	Xylene, o-	95-47-6					2.0E+05		3.0E+03	3.0E+03
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	1.4E+09	6.3E+03	Xylenes	1330-20-7					2.0E+05		2.7E+03	2.7E+03
				3.0E-04	I					1			1.4E+09		Zinc Phosphide	1314-84-7					3.1E+02			3.1E+02
				3.0E-01	I					1			1.4E+09		Zinc and Compounds	7440-66-6					3.1E+05			3.1E+05
				5.0E-02	I					1	0.1		1.4E+09		Zineb	12122-67-7					5.1E+04	7.7E+04		3.1E+04

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
5.1E-06	C					ALAR	1596-84-5	4.8E-01	
						Acephate	30560-19-1		
2.2E-06	I	9.0E-03	I	V		Acetaldehyde	75-07-0	1.1E+00	9.4E+00
						Acetochlor	34256-82-1		
		3.1E+01	A	V		Acetone	67-64-1		3.2E+04
		6.0E-02	P	V		Acetone Cyanohydrin	75-86-5		6.3E+01
		6.0E-02	I	V		Acetonitrile	75-05-8		6.3E+01
				V		Acetophenone	98-86-2		
1.3E-03	C					Acetylaminofluorene, 2-	53-96-3	1.9E-03	
		2.0E-05	I	V		Acrolein	107-02-8		2.1E-02
1.0E-04	I	6.0E-03	I			Acrylamide	79-06-1	2.4E-02	6.3E+00
		1.0E-03	I			Acrylic Acid	79-10-7		1.0E+00
6.8E-05	I	2.0E-03	I	V		Acrylonitrile	107-13-1	3.6E-02	2.1E+00
		6.0E-03	P			Adiponitrile	111-69-3		6.3E+00
						Alachlor	15972-60-8		
						Aldicarb	116-06-3		
						Aldicarb Sulfone	1646-88-4		
4.9E-03	I					Aldrin	309-00-2	5.0E-04	
						Ally	74223-64-6		
		1.0E-04	X			Allyl Alcohol	107-18-6		1.0E-01
6.0E-06	C	1.0E-03	I	V		Allyl Chloride	107-05-1	4.1E-01	1.0E+00
		5.0E-03	P			Aluminum	7429-90-5		5.2E+00
						Aluminum Phosphide	20859-73-8		
						Amdro	67485-29-4		
						Ametryn	834-12-8		
6.0E-03	C					Aminobiphenyl, 4-	92-67-1	4.1E-04	
						Aminophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amitraz	33089-61-1		
		1.0E-01	I			Ammonia	7664-41-7		1.0E+02
						Ammonium Sulfamate	7773-06-0		
1.6E-06	C	1.0E-03	I			Aniline	62-53-3	1.5E+00	1.0E+00
						Anthraquinone, 9,10-	84-65-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
						Antimony Potassium Tartrate	11071-15-1		
						Antimony Tetroxide	1332-81-6		
		2.0E-04	I			Antimony Trioxide	1309-64-4		2.1E-01
						Apollo	74115-24-5		
7.1E-06	I					Aramite	140-57-8	3.4E-01	
4.3E-03	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	5.7E-04	1.6E-02
		5.0E-05	I			Arsine	7784-42-1		5.2E-02
						Assure	76578-14-8		
						Asulam	3337-71-1		
						Atrazine	1912-24-9		
2.5E-04	C					Auramine	492-80-8	9.7E-03	
						Avermectin B1	65195-55-3		
3.1E-05	I			V		Azobenzene	103-33-3	7.8E-02	
		5.0E-04	H			Barium	7440-39-3		5.2E-01
						Baygon	114-26-1		
						Bayleton	43121-43-3		
						Baythroid	68359-37-5		
						Benefin	1861-40-1		
						Benomyl	17804-35-2		
						Bentazon	25057-89-0		
				V		Benzaldehyde	100-52-7		
7.8E-06	I	3.0E-02	I	V		Benzene	71-43-2	3.1E-01	3.1E+01
						Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1		
				V		Benzenethiol	108-98-5		
6.7E-02	I				M	Benzidine	92-87-5	1.4E-05	
						Benzoic Acid	65-85-0		
				V		Benzotrichloride	98-07-7		
						Benzyl Alcohol	100-51-6		
4.9E-05	C	1.0E-03	P	V		Benzyl Chloride	100-44-7	5.0E-02	1.0E+00
2.4E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7	1.0E-03	2.1E-02
						Bidrin	141-66-2		
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
		4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4		4.2E-01
1.0E-05	H			V		Bis(2-chloro-1-methylethyl) ether	108-60-1	2.4E-01	
						Bis(2-chloroethoxy)methane	111-91-1		
3.3E-04	I			V		Bis(2-chloroethyl)ether	111-44-4	7.4E-03	
2.4E-06	C					Bis(2-ethylhexyl)phthalate	117-81-7	1.0E+00	
6.2E-02	I			V		Bis(chloromethyl)ether	542-88-1	3.9E-05	
						Bisphenol A	80-05-7		
		2.0E-02	H			Boron And Borates Only	7440-42-8		2.1E+01
		1.3E-02	C			Boron Trifluoride	7637-07-2		1.4E+01
						Bromate	15541-45-4		
6.0E-04	X			V		Bromo-2-chloroethane, 1-	107-04-0	4.1E-03	
		6.0E-02	I	V		Bromobenzene	108-86-1		6.3E+01
		4.0E-02	X	V		Bromochloromethane	74-97-5		4.2E+01
3.7E-05	C			V		Bromodichloromethane	75-27-4	6.6E-02	
1.1E-06	I					Bromoform	75-25-2	2.2E+00	

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
		5.0E-03	I	V		Bromomethane	74-83-9		5.2E+00
						Bromophos	2104-96-3		
						Bromoxynil	1689-84-5		
						Bromoxynil Octanoate	1689-99-2		
3.0E-05	I	2.0E-03	I	V		Butadiene, 1,3-	106-99-0	8.1E-02	2.1E+00
						Butanol, N-	71-36-3		
						Butyl Benzyl Phthlate	85-68-7		
		3.0E+01	P			Butyl alcohol, sec-	78-92-2		3.1E+04
						Butylate	2008-41-5		
5.7E-08	C					Butylated hydroxyanisole	25013-16-5	4.3E+01	
				V		Butylbenzene, n-	104-51-8		
						Butylphthalyl Butylglycolate	85-70-1		
						Cacodylic Acid	75-60-5		
1.8E-03	I	2.0E-05	C			Cadmium (Diet)	7440-43-9		
1.8E-03	I	2.0E-05	C			Cadmium (Water)	7440-43-9	1.4E-03	2.1E-02
						Caprolactam	105-60-2		
4.3E-05	C					Captafol	2425-06-1	5.7E-02	
6.6E-07	C					Captan	133-06-2	3.7E+00	
						Carbaryl	63-25-2		
						Carbofuran	1563-66-2		
		7.0E-01	I	V		Carbon Disulfide	75-15-0		7.3E+02
6.0E-06	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	4.1E-01	1.0E+02
						Carbosulfan	55285-14-8		
						Carboxin	5234-68-4		
		9.0E-04	I			Ceric oxide	1306-38-3		9.4E-01
						Chloral Hydrate	302-17-0		
						Chloramben	133-90-4		
						Chloranil	118-75-2		
1.0E-04	I	7.0E-04	I			Chlordane	12789-03-6	2.4E-02	7.3E-01
4.6E-03	C					Chlordecone (Kepone)	143-50-0	5.3E-04	
						Chlorfenvinphos	470-90-6		
						Chlorimuron, Ethyl-	90982-32-4		
		1.5E-04	A			Chlorine	7782-50-5		1.5E-01
		2.0E-04	I			Chlorine Dioxide	10049-04-4		2.1E-01
						Chlorite (Sodium Salt)	7758-19-2		
		5.0E+01	I	V		Chloro-1,1-difluoroethane, 1-	75-68-3		5.2E+04
3.0E-04	I	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8	8.1E-03	2.1E+01
						Chloro-2-methylaniline HCl, 4-	3165-93-3		
7.7E-05	C					Chloro-2-methylaniline, 4-	95-69-2	3.2E-02	
						Chloroacetaldehyde, 2-	107-20-0		
						Chloroacetic Acid	79-11-8		
		3.0E-05	I			Chloroacetophenone, 2-	532-27-4		3.1E-02
						Chloroaniline, p-	106-47-8		
		5.0E-02	P	V		Chlorobenzene	108-90-7		5.2E+01
3.1E-05	C					Chlorobenzilate	510-15-6	7.8E-02	
						Chlorobenzoic Acid, p-	74-11-3		
		3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6		3.1E+02
				V		Chlorobutane, 1-	109-69-3		
		5.0E+01	I	V		Chlorodifluoromethane	75-45-6		5.2E+04
2.3E-05	I	9.8E-02	A	V		Chloroform	67-66-3	1.1E-01	1.0E+02
		9.0E-02	I	V		Chloromethane	74-87-3		9.4E+01
6.9E-04	C			V		Chloromethyl Methyl Ether	107-30-2	3.5E-03	
				V		Chloronaphthalene, Beta-	91-58-7		
		1.0E-05	X			Chloronitrobenzene, o-	88-73-3		1.0E-02
		6.0E-04	P			Chloronitrobenzene, p-	100-00-5		6.3E-01
				V		Chlorophenol, 2-	95-57-8		
		4.0E-04	C	V		Chloropicrin	76-06-2		4.2E-01
8.9E-07	C					Chlorothalonil	1897-45-6	2.7E+00	
				V		Chlorotoluene, o-	95-49-8		
				V		Chlorotoluene, p-	106-43-4		
6.9E-02	C					Chlorozotocin	54749-90-5	3.5E-05	
						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		
8.4E-02	S	1.0E-04	I		M	Chromium(VI)	18540-29-9	1.1E-05	1.0E-01
						Chromium, Total	7440-47-3		
9.0E-03	P	6.0E-06	P			Cobalt	7440-48-4	2.7E-04	6.3E-03
6.2E-04	I				M	Coke Oven Emissions	8007-45-2	1.5E-03	
						Copper	7440-50-8		
		6.0E-01	C			Cresol, m-	108-39-4		6.3E+02
		6.0E-01	C			Cresol, o-	95-48-7		6.3E+02
		6.0E-01	C			Cresol, p-	106-44-5		6.3E+02
						Cresol, p-chloro-m-	59-50-7		
		6.0E-01	C	V		Cresols	1319-77-3		6.3E+02
				V		Crotonaldehyde, trans-	123-73-9		
		4.0E-01	I	V		Cumene	98-82-8		4.2E+02
6.3E-05	C					Cupferron	135-20-6	3.9E-02	
						Cyanazine	21725-46-2		
						Cyanides			
						~Calcium Cyanide	592-01-8		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						~Copper Cyanide	544-92-3		
				V		~Cyanide (CN-)	57-12-5		
				V		~Cyanogen	460-19-5		
				V		~Cyanogen Bromide	506-68-3		
				V		~Cyanogen Chloride	506-77-4		
		8.0E-04	I	V		~Hydrogen Cyanide	74-90-8		8.3E-01
						~Potassium Cyanide	151-50-8		
						~Potassium Silver Cyanide	506-61-6		
						~Silver Cyanide	506-64-9		
						~Sodium Cyanide	143-33-9		
				V		~Thiocyanate	463-56-9		
						~Zinc Cyanide	557-21-1		
		6.0E+00	I	V		Cyclohexane	110-82-7		6.3E+03
						Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3		
		7.0E-01	P			Cyclohexanone	108-94-1		7.3E+02
						Cyclohexylamine	108-91-8		
						Cyhalothrin/karate	68085-85-8		
						Cypermethrin	52315-07-8		
						Cyromazine	66215-27-8		
6.9E-05	C					DDD	72-54-8	3.5E-02	
9.7E-05	C					DDE, p,p'-	72-55-9	2.5E-02	
9.7E-05	I					DDT	50-29-3	2.5E-02	
						Dacthal	1861-32-1		
						Dalapon	75-99-0		
						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		
6.0E-03	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	1.6E-04	2.1E-01
						Dibromobenzene, 1,4-	106-37-6		
2.7E-05	C			V		Dibromochloromethane	124-48-1	9.0E-02	
6.0E-04	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	4.1E-03	9.4E+00
		4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3		4.2E+00
						Dibutyl Phthalate	84-74-2		
						Dibutyltin Compounds	NA		
						Dicamba	1918-00-9		
4.2E-03	P			V		Dichloro-2-butene, 1,4-	764-41-0	5.8E-04	
4.2E-03	P			V		Dichloro-2-butene, cis-1,4-	1476-11-5	5.8E-04	
4.2E-03	P			V		Dichloro-2-butene, trans-1,4-	110-57-6	5.8E-04	
						Dichloroacetic Acid	79-43-6		
		2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1		2.1E+02
1.1E-05	C	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	2.2E-01	8.3E+02
3.4E-04	C					Dichlorobenzidine, 3,3'-	91-94-1	7.2E-03	
						Dichlorobenzophenone, 4,4'-	90-98-2		
		1.0E-01	X	V		Dichlorodifluoromethane	75-71-8		1.0E+02
1.6E-06	C			V		Dichloroethane, 1,1-	75-34-3	1.5E+00	
2.6E-05	I	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2	9.4E-02	7.3E+00
		2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4		2.1E+02
				V		Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0		
				V		Dichloroethylene, 1,2-cis-	156-59-2		
		6.0E-02	P	V		Dichloroethylene, 1,2-trans-	156-60-5		6.3E+01
						Dichlorophenol, 2,4-	120-83-2		
						Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
						Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6		
1.0E-05	C	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	2.4E-01	4.2E+00
				V		Dichloropropane, 1,3-	142-28-9		
						Dichloropropanol, 2,3-	616-23-9		
4.0E-06	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	6.1E-01	2.1E+01
8.3E-05	C	5.0E-04	I			Dichlorvos	62-73-7	2.9E-02	5.2E-01
		7.0E-03	P	V		Dicyclopentadiene	77-73-6		7.3E+00
4.6E-03	I					Dieldrin	60-57-1	5.3E-04	
3.0E-04	C	5.0E-03	I			Diesel Engine Exhaust	NA	8.1E-03	5.2E+00
		3.0E-03	C			Diethanolamine	111-42-2		3.1E+00
						Diethyl Phthalate	84-66-2		
		1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5		1.0E-01
		3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0		3.1E-01
						Diethylformamide	617-84-5		
1.0E-01	C					Diethylstilbestrol	56-53-1	2.4E-05	
						Difenzoquat	43222-48-6		
						Diflubenzuron	35367-38-5		
		4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6		4.2E+04
1.3E-05	C					Dihydrosafrole	94-58-6	1.9E-01	
		7.0E-01	P	V		Diisopropyl Ether	108-20-3		7.3E+02
				V		Diisopropyl Methylphosphonate	1445-75-6		
						Dimethipin	55290-64-7		
						Dimethoate	60-51-5		
						Dimethoxybenzidine, 3,3'-	119-90-4		
						Dimethyl methylphosphonate	756-79-6		
1.3E-03	C					Dimethylamino azobenzene [p-]	60-11-7	1.9E-03	
						Dimethylaniline HCl, 2,4-	21436-96-4		
						Dimethylaniline, 2,4-	95-68-1		
				V		Dimethylaniline, N,N-	121-69-7		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						Dimethylbenzidine, 3,3'-	119-93-7		
		3.0E-02	I			Dimethylformamide	68-12-2		3.1E+01
		2.0E-06	X			Dimethylhydrazine, 1,1-	57-14-7		2.1E-03
1.6E-01	C					Dimethylhydrazine, 1,2-	540-73-8	1.5E-05	
						Dimethylphenol, 2,4-	105-67-9		
						Dimethylphenol, 2,6-	576-26-1		
						Dimethylphenol, 3,4-	95-65-8		
				V		Dimethylterephthalate	120-61-6		
1.3E-05	C					Dimethylvinylchloride	513-37-1	1.9E-01	
						Dinitro-o-cresol, 4,6-	534-52-1		
						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		
8.9E-05	C					Dinitrotoluene, 2,4-	121-14-2	2.7E-02	
						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		
7.7E-06	C	3.0E+00	C			Dioxane, 1,4-	123-91-1	3.2E-01	3.1E+03
						Dioxins			
1.3E+00	I					~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.9E-06	
3.8E+01	C	4.0E-08	C			~TCDD, 2,3,7,8-	1746-01-6	6.4E-08	4.2E-05
						Diphenamid	957-51-7		
						Diphenyl Sulfone	127-63-9		
						Diphenylamine	122-39-4		
2.2E-04	I					Diphenylhydrazine, 1,2-	122-66-7	1.1E-02	
						Diquat	85-00-7		
2.1E-03	C					Direct Black 38	1937-37-7	1.2E-03	
2.1E-03	C					Direct Blue 6	2602-46-2	1.2E-03	
1.9E-03	C					Direct Brown 95	16071-86-6	1.3E-03	
						Disulfoton	298-04-4		
						Dithiane, 1,4-	505-29-3		
						Diuron	330-54-1		
						Dodine	2439-10-3		
				V		EPTC	759-94-4		
						Endosulfan	115-29-7		
						Endothall	145-73-3		
						Endrin	72-20-8		
1.2E-06	I	1.0E-03	I	V		Epichlorohydrin	106-89-8	2.0E+00	1.0E+00
		2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7		2.1E+01
						Ethephon	16672-87-0		
						Ethion	563-12-2		
		6.0E-02	P			Ethoxyethanol Acetate, 2-	111-15-9		6.3E+01
		2.0E-01	I			Ethoxyethanol, 2-	110-80-5		2.1E+02
				V		Ethyl Acetate	141-78-6		
				V		Ethyl Acrylate	140-88-5		
		1.0E+01	I	V		Ethyl Chloride	75-00-3		1.0E+04
				V		Ethyl Ether	60-29-7		
		3.0E-01	P	V		Ethyl Methacrylate	97-63-2		3.1E+02
						Ethyl-p-nitrophenyl Phosphonate	2104-64-5		
2.5E-06	C	1.0E+00	I	V		Ethylbenzene	100-41-4	9.7E-01	1.0E+03
						Ethylene Cyanohydrin	109-78-4		
						Ethylene Diamine	107-15-3		
		4.0E-01	C			Ethylene Glycol	107-21-1		4.2E+02
		1.6E+00	I			Ethylene Glycol Monobutyl Ether	111-76-2		1.7E+03
8.8E-05	C	3.0E-02	C	V		Ethylene Oxide	75-21-8	2.8E-02	3.1E+01
1.3E-05	C					Ethylene Thiourea	96-45-7	1.9E-01	
1.9E-02	C					Ethyleneimine	151-56-4	1.3E-04	
						Ethylphthalyl Ethyl Glycolate	84-72-0		
						Express	101200-48-0		
						Fenamiphos	22224-92-6		
						Fenpropathrin	39515-41-8		
						Fluometuron	2164-17-2		
		1.3E-02	C			Fluoride	16984-48-8		1.4E+01
		1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4		1.4E+01
						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		
1.3E-05	I	9.8E-03	A			Formaldehyde	50-00-0	1.9E-01	1.0E+01
		3.0E-04	X			Formic Acid	64-18-6		3.1E-01
						Fosetyl-AL	39148-24-8		
						Furans			
				V		~Dibenzofuran	132-64-9		
				V		~Furan	110-00-9		
						Furazolidone	67-45-8		
		5.0E-02	H			Furfural	98-01-1		5.2E+01

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
4.3E-04	C					Furium	531-82-8	5.7E-03	
8.6E-06	C					Furmecyclox	60568-05-0	2.8E-01	
						Glufosinate, Ammonium	77182-82-2		
		8.0E-05	C			Glutaraldehyde	111-30-8		8.3E-02
		1.0E-03	H			Glycidyl	765-34-4		1.0E+00
						Glyphosate	1071-83-6		
						Goal	42874-03-3		
		1.0E-02	A			Guthion	86-50-0		1.0E+01
						Haloxyfop, Methyl	69806-40-2		
						Harmony	79277-27-3		
1.3E-03	I					Heptachlor	76-44-8	1.9E-03	
2.6E-03	I					Heptachlor Epoxide	1024-57-3	9.4E-04	
						Hexabromobenzene	87-82-1		
						Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2		
4.6E-04	I					Hexachlorobenzene	118-74-1	5.3E-03	
2.2E-05	I					Hexachlorobutadiene	87-68-3	1.1E-01	
1.8E-03	I					Hexachlorocyclohexane, Alpha-	319-84-6	1.4E-03	
5.3E-04	I					Hexachlorocyclohexane, Beta-	319-85-7	4.6E-03	
3.1E-04	C					Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.8E-03	
5.1E-04	I					Hexachlorocyclohexane, Technical	608-73-1	4.8E-03	
		2.0E-04	I			Hexachlorocyclopentadiene	77-47-4		2.1E-01
4.0E-06	I					Hexachloroethane	67-72-1	6.1E-01	
						Hexachlorophene	70-30-4		
						Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
		1.0E-05	I	V		Hexamethylene Diisocyanate, 1,6-	822-06-0		1.0E-02
		7.0E-01	I	V		Hexane, N-	110-54-3		7.3E+02
						Hexanedioic Acid	124-04-9		
		3.0E-02	I	V		Hexanone, 2-	591-78-6		3.1E+01
						Hexazinone	51235-04-2		
4.9E-03	I	3.0E-05	P			Hydrazine	302-01-2	5.0E-04	3.1E-02
4.9E-03	I					Hydrazine Sulfate	10034-93-2	5.0E-04	
		2.0E-02	I			Hydrogen Chloride	7647-01-0		2.1E+01
		1.4E-02	C			Hydrogen Fluoride	7664-39-3		1.5E+01
		2.0E-03	I			Hydrogen Sulfide	7783-06-4		2.1E+00
						Hydroquinone	123-31-9		
						Imazalil	35554-44-0		
						Imazaquin	81335-37-7		
						Iodine	7553-56-2		
						Iprodione	36734-19-7		
						Iron	7439-89-6		
				V		Isobutyl Alcohol	78-83-1		
		2.0E+00	C			Isophorone	78-59-1		2.1E+03
						Isopropalin	33820-53-0		
		7.0E+00	C			Isopropanol	67-63-0		7.3E+03
						Isopropyl Methyl Phosphonic Acid	1832-54-8		
						Isoxaben	82558-50-7		
		3.0E-01	A	V		JP-7	NA		3.1E+02
						Kerb	23950-58-5		
						Lactofen	77501-63-4		
						Lead Compounds			
8.0E-05	C					~Lead acetate	301-04-2	3.0E-02	
						~Lead and Compounds	7439-92-1		
1.1E-05	C					~Lead subacetate	1335-32-6	2.2E-01	
						~Tetraethyl Lead	78-00-2		
						Linuron	330-55-2		
						Lithium	7439-93-2		
						Londax	83055-99-6		
						MCPA	94-74-6		
						MCPB	94-81-5		
						MCPP	93-65-2		
						Malathion	121-75-5		
		7.0E-04	C			Maleic Anhydride	108-31-6		7.3E-01
						Maleic Hydrazide	123-33-1		
						Malononitrile	109-77-3		
						Mancozeb	8018-01-7		
						Maneb	12427-38-2		
		5.0E-05	I			Manganese (Diet)	7439-96-5		
		5.0E-05	I			Manganese (Non-diet)	7439-96-5		5.2E-02
						Mephosfolan	950-10-7		
						Mepiquat Chloride	24307-26-4		
						Mercury Compounds			
		3.0E-05	C			~Mercuric Chloride (and other Mercury salts)	7487-94-7		3.1E-02
		3.0E-04	I	V		~Mercury (elemental)	7439-97-6		3.1E-01
						~Methyl Mercury	22967-92-6		
						~Phenylmercuric Acetate	62-38-4		
						Merphos	150-50-5		
						Merphos Oxide	78-48-8		
						Metalaxyl	57837-19-1		
		7.0E-04	H	V		Methacrylonitrile	126-98-7		7.3E-01
						Methamidophos	10265-92-6		
		4.0E+00	C			Methanol	67-56-1		4.2E+03
						Methidathion	950-37-8		
						Methomyl	16752-77-5		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
1.4E-05	C					Methoxy-5-nitroaniline, 2-	99-59-2	1.7E-01	
						Methoxychlor	72-43-5		
		1.0E-03	P			Methoxyethanol Acetate, 2-	110-49-6		1.0E+00
		2.0E-02	I			Methoxyethanol, 2-	109-86-4		2.1E+01
				V		Methyl Acetate	79-20-9		
				V		Methyl Acrylate	96-33-3		
		5.0E+00	I	V		Methyl Ethyl Ketone (2-Butanone)	78-93-3		5.2E+03
1.0E-03	X	2.0E-05	X			Methyl Hydrazine	60-34-4	2.4E-03	2.1E-02
		3.0E+00	I	V		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		3.1E+03
		1.0E-03	C			Methyl Isocyanate	624-83-9		1.0E+00
		7.0E-01	I	V		Methyl Methacrylate	80-62-6		7.3E+02
						Methyl Parathion	298-00-0		
						Methyl Phosphonic Acid	993-13-5		
		4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4		4.2E+01
2.8E-05	C					Methyl methanesulfonate	66-27-3	8.7E-02	
2.6E-07	C	3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE)	1634-04-4	9.4E+00	3.1E+03
						Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2		
						Methyl-5-Nitroaniline, 2-	99-55-8		
2.4E-03	C					Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.0E-03	
3.7E-05	C					Methylaniline Hydrochloride, 2-	636-21-5	6.6E-02	
						Methylarsonic acid	124-58-3		
						Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7		
						Methylbenzene-1,4-diamine sulfate, 2-	615-50-9		
6.3E-03	C				M	Methylcholanthrene, 3-	56-49-5	1.5E-04	
4.7E-07	I	1.0E+00	A	V		Methylene Chloride	75-09-2	5.2E+00	1.1E+03
4.3E-04	C				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.2E-03	
1.3E-05	C					Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.9E-01	
4.6E-04	C	2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	5.3E-03	2.1E+01
		6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8		6.3E-01
				V		Methylstyrene, Alpha-	98-83-9		
						Metolachlor	51218-45-2		
						Metribuzin	21087-64-9		
						Mineral oils	8012-95-1		
5.1E-03	C					Mirex	2385-85-5	4.8E-04	
						Molinate	2212-67-1		
						Molybdenum	7439-98-7		
						Monochloramine	10599-90-3		
						Monomethylaniline	100-61-8		
						N,N'-Diphenyl-1,4-benzenediamine	74-31-7		
						Naled	300-76-5		
		1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64724-95-6		1.0E+02
0.0E+00	C					Naphthylamine, 2-	91-59-8		
						Napropamide	15299-99-7		
		5.0E-05	C			Nickel Carbonyl	13463-39-3		5.2E-02
		1.0E-04	C			Nickel Oxide	1313-99-1		1.0E-01
2.4E-04	I	5.0E-05	C			Nickel Refinery Dust	NA	1.0E-02	5.2E-02
2.6E-04	C	9.0E-05	A			Nickel Soluble Salts	7440-02-0	9.4E-03	9.4E-02
4.8E-04	I	5.0E-05	C			Nickel Subsulfide	12035-72-2	5.1E-03	5.2E-02
						Nitrate	14797-55-8		
						Nitrite	14797-65-0		
		5.0E-05	X			Nitroaniline, 2-	88-74-4		5.2E-02
		6.0E-03	P			Nitroaniline, 4-	100-01-6		6.3E+00
4.0E-05	I	9.0E-03	I	V		Nitrobenzene	98-95-3	6.1E-02	9.4E+00
						Nitrocellulose	9004-70-0		
						Nitrofurantoin	67-20-9		
3.7E-04	C					Nitrofurazone	59-87-0	6.6E-03	
						Nitroglycerin	55-63-0		
						Nitroguanidine	556-88-7		
9.0E-06	P	2.0E-02	P	V		Nitromethane	75-52-5	2.7E-01	2.1E+01
2.7E-03	H	2.0E-02	I	V		Nitropropane, 2-	79-46-9	9.0E-04	2.1E+01
7.7E-03	C				M	Nitroso-N-ethylurea, N-	759-73-9	1.2E-04	
3.4E-02	C				M	Nitroso-N-methylurea, N-	684-93-5	2.8E-05	
1.6E-03	I			V		Nitroso-di-N-butylamine, N-	924-16-3	1.5E-03	
2.0E-03	C					Nitroso-di-N-propylamine, N-	621-64-7	1.2E-03	
8.0E-04	C					Nitrosodiethanolamine, N-	1116-54-7	3.0E-03	
4.3E-02	I				M	Nitrosodiethylamine, N-	55-18-5	2.2E-05	
1.4E-02	I	4.0E-05	X		M	Nitrosodimethylamine, N-	62-75-9	6.9E-05	4.2E-02
2.6E-06	C					Nitrosodiphenylamine, N-	86-30-6	9.4E-01	
6.3E-03	C					Nitrosomethylethylamine, N-	10595-95-6	3.9E-04	
1.9E-03	C					Nitrosomorpholine [N-]	59-89-2	1.3E-03	
2.7E-03	C					Nitrosopiperidine [N-]	100-75-4	9.0E-04	
6.1E-04	I					Nitrosopyrrolidine, N-	930-55-2	4.0E-03	
						Nitrotoluene, m-	99-08-1		
				V		Nitrotoluene, o-	88-72-2		
						Nitrotoluene, p-	99-99-0		
		2.0E-01	P	V		Nonane, n-	111-84-2		2.1E+02
						Norflurazon	27314-13-2		
						Nustar	85509-19-9		
						Octabromodiphenyl Ether	32536-52-0		
						Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0		
						Octamethylpyrophosphoramide	152-16-9		
						Oryzalin	19044-88-3		
						Oxadiazon	19666-30-9		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						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		
						Pentachloronitrobenzene	82-68-8		
5.1E-06	C					Pentachlorophenol	87-86-5	4.8E-01	
						Pentaerythritol tetranitrate (PETN)	78-11-5		
		1.0E+00		P	V	Pentane, n-	109-66-0		1.0E+03
						Perchlorates			
						~Ammonium Perchlorate	7790-98-9		
						~Lithium Perchlorate	7791-03-9		
						~Perchlorate and Perchlorate Salts	14797-73-0		
						~Potassium Perchlorate	7778-74-7		
						~Sodium Perchlorate	7601-89-0		
						Permethrin	52645-53-1		
6.3E-07	C					Phenacetin	62-44-2	3.9E+00	
						Phenmedipham	13684-63-4		
		2.0E-01		C		Phenol	108-95-2		2.1E+02
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		
						Phenylenediamine, p-	106-50-3		
						Phenylphenol, 2-	90-43-7		
						Phorate	298-02-2		
		3.0E-04		I	V	Phosgene	75-44-5		3.1E-01
						Phosmet	732-11-6		
						Phosphates, Inorganic			
						~Aluminum metaphosphate	13776-88-0		
						~Ammonium polyphosphate	68333-79-9		
						~Calcium pyrophosphate	7790-76-3		
						~Diammonium phosphate	7783-28-0		
						~Dicalcium phosphate	7757-93-9		
						~Dimagnesium phosphate	7782-75-4		
						~Dipotassium phosphate	7758-11-4		
						~Disodium phosphate	7558-79-4		
						~Monoaluminum phosphate	13530-50-2		
						~Monoammonium phosphate	7722-76-1		
						~Monocalcium phosphate	7758-23-8		
						~Monomagnesium phosphate	7757-86-0		
						~Monopotassium phosphate	7778-77-0		
						~Monosodium phosphate	7558-80-7		
						~Polyphosphoric acid	8017-16-1		
						~Potassium tripolyphosphate	13845-36-8		
						~Sodium acid pyrophosphate	7758-16-9		
						~Sodium aluminum phosphate (acidic)	7785-88-8		
						~Sodium aluminum phosphate (anhydrous)	10279-59-1		
						~Sodium aluminum phosphate (tetrahydrate)	10305-76-7		
						~Sodium hexametaphosphate	10124-56-8		
						~Sodium polyphosphate	68915-31-1		
						~Sodium trimetaphosphate	7785-84-4		
						~Sodium tripolyphosphate	7758-29-4		
						~Tetrapotassium phosphate	7320-34-5		
						~Tetrasodium pyrophosphate	7722-88-5		
						~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5		
						~Tricalcium phosphate	7758-87-4		
						~Trimagnesium phosphate	7757-87-1		
						~Tripotassium phosphate	7778-53-2		
						~Trisodium phosphate	7601-54-9		
		3.0E-04		I		Phosphine	7803-51-2		3.1E-01
		1.0E-02		I		Phosphoric Acid	7664-38-2		1.0E+01
						Phosphorus, White	7723-14-0		
						Phthalic Acid, P-	100-21-0		
		2.0E-02		C		Phthalic Anhydride	85-44-9		2.1E+01
						Picloram	1918-02-1		
						Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3		
						Pirimiphos, Methyl	29232-93-7		
8.6E-03	C					Polybrominated Biphenyls	59536-65-1	2.8E-04	
						Polychlorinated Biphenyls (PCBs)			
2.0E-05	S					~Aroclor 1016	12674-11-2	1.2E-01	
5.7E-04	S				V	~Aroclor 1221	11104-28-2	4.3E-03	
5.7E-04	S				V	~Aroclor 1232	11141-16-5	4.3E-03	
5.7E-04	S					~Aroclor 1242	53469-21-9	4.3E-03	
5.7E-04	S					~Aroclor 1248	12672-29-6	4.3E-03	
5.7E-04	S					~Aroclor 1254	11097-69-1	4.3E-03	
5.7E-04	S					~Aroclor 1260	11096-82-5	4.3E-03	
1.1E-03	E	1.3E-03		E		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	2.1E-03	1.4E+00
1.1E-03	E	1.3E-03		E		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	2.1E-03	1.4E+00

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
1.1E-03	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	2.1E-03	1.4E+00
1.1E-03	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	2.1E-03	1.4E+00
1.1E+00	E	1.3E-06	E			~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	2.1E-06	1.4E-03
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	2.1E-03	1.4E+00
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	2.1E-03	1.4E+00
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	2.1E-03	1.4E+00
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	2.1E-03	1.4E+00
3.8E+00	E	4.0E-07	E			~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	6.4E-07	4.2E-04
5.7E-04	I					~Polychlorinated Biphenyls (high risk)	1336-36-3	4.3E-03	
1.0E-04	I					~Polychlorinated Biphenyls (low risk)	1336-36-3	2.4E-02	
2.0E-05	I					~Polychlorinated Biphenyls (lowest risk)	1336-36-3	1.2E-01	
3.8E-03	E	4.0E-04	E			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	6.4E-04	4.2E-01
1.1E-02	E	1.3E-04	E			~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.1E-04	1.4E-01
		6.0E-04	I			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9		6.3E-01
						Polynuclear Aromatic Hydrocarbons (PAHs)			
				V		~Acenaphthene	83-32-9		
				V		~Anthracene	120-12-7		
1.1E-04	C				M	~Benz[a]anthracene	56-55-3	8.7E-03	
1.1E-04	C					~Benzo(j)fluoranthene	205-82-3	2.2E-02	
1.1E-03	C				M	~Benzo[a]pyrene	50-32-8	8.7E-04	
1.1E-04	C				M	~Benzo[b]fluoranthene	205-99-2	8.7E-03	
1.1E-04	C				M	~Benzo[k]fluoranthene	207-08-9	8.7E-03	
1.1E-05	C				M	~Chrysene	218-01-9	8.7E-02	
1.2E-03	C				M	~Dibenz[a,h]anthracene	53-70-3	8.0E-04	
1.1E-03	C					~Dibenzo(a,e)pyrene	192-65-4	2.2E-03	
7.1E-02	C				M	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.4E-05	
						~Fluoranthene	206-44-0		
				V		~Fluorene	86-73-7		
1.1E-04	C				M	~Indeno[1,2,3-cd]pyrene	193-39-5	8.7E-03	
				V		~Methylnaphthalene, 1-	90-12-0		
				V		~Methylnaphthalene, 2-	91-57-6		
3.4E-05	C	3.0E-03	I	V		~Naphthalene	91-20-3	7.2E-02	3.1E+00
1.1E-04	C					~Nitropyrene, 4-	57835-92-4	2.2E-02	
				V		~Pyrene	129-00-0		
						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		
		8.0E-03	I	V		Propionaldehyde	123-38-6		8.3E+00
		1.0E+00	X	V		Propyl benzene	103-65-1		1.0E+03
		3.0E+00	C			Propylene	115-07-1		3.1E+03
						Propylene Glycol	57-55-6		
		2.7E-04	A	V		Propylene Glycol Dinitrate	6423-43-4		2.8E-01
						Propylene Glycol Monoethyl Ether	1569-02-4		
		2.0E+00	I			Propylene Glycol Monomethyl Ether	107-98-2		2.1E+03
3.7E-06	I	3.0E-02	I	V		Propylene Oxide	75-56-9	6.6E-01	3.1E+01
						Pursuit	81335-77-5		
						Pydrin	51630-58-1		
				V		Pyridine	110-86-1		
						Quinalphos	13593-03-8		
						Quinoline	91-22-5		
		3.0E-02	A			Refractory Ceramic Fibers	NA		3.1E+01
						Resmethrin	10453-86-8		
						Ronnel	299-84-3		
						Rotenone	83-79-4		
6.3E-05	C				M	Safrole	94-59-7	1.5E-02	
						Savey	78587-05-0		
						Selenious Acid	7783-00-8		
		2.0E-02	C			Selenium	7782-49-2		2.1E+01
		2.0E-02	C			Selenium Sulfide	7446-34-6		2.1E+01
						Sethoxydim	74051-80-2		
		3.0E-03	C			Silica (crystalline, respirable)	7631-86-9		3.1E+00
						Silver	7440-22-4		
						Simazine	122-34-9		
						Sodium Acifluorfen	62476-59-9		
						Sodium Azide	26628-22-8		
						Sodium Diethyldithiocarbamate	148-18-5		
		1.3E-02	C			Sodium Fluoride	7681-49-4		1.4E+01
						Sodium Fluoroacetate	62-74-8		
						Sodium Metavanadate	13718-26-8		
						Stirofos (Tetrachlorovinphos)	961-11-5		
						Strontium, Stable	7440-24-6		
						Strychnine	57-24-9		
		1.0E+00	I	V		Styrene	100-42-5		1.0E+03
						Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9		
		1.0E-03	C			Sulfuric Acid	7664-93-9		1.0E+00

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						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		
						Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1		
						Tetrachlorobenzene, 1,2,4,5-	95-94-3		
7.4E-06	I			V		Tetrachloroethane, 1,1,1,2-	630-20-6	3.3E-01	
5.8E-05	C			V		Tetrachloroethane, 1,1,2,2-	79-34-5	4.2E-02	
5.9E-06	C	2.7E-01	A	V		Tetrachloroethylene	127-18-4	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		
		8.0E+01	I	V		Tetrafluoroethane, 1,1,1,2-	811-97-2		8.3E+04
						Tetryl (Trinitrophenylmethylnitramine)	479-45-8		
						Thallium (Soluble Salts)	7440-28-0		
						Thiobencarb	28249-77-6		
						Thiodiglycol	111-48-8		
						Thiofanox	39196-18-4		
						Thiophanate, Methyl	23564-05-8		
						Thiram	137-26-8		
						Tin	7440-31-5		
		1.0E-04	A			Titanium Tetrachloride	7550-45-0		1.0E-01
		5.0E+00	I	V		Toluene	108-88-3		5.2E+03
						Toluene-2,5-diamine	95-70-5		
						Toluidine, p-	106-49-0		
3.2E-04	I					Toxaphene	8001-35-2	7.6E-03	
						Tralomethrin	66841-25-6		
						Tri-n-butyltin	688-73-3		
						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		
		3.0E+01	H	V		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		3.1E+04
						Trichloroacetic Acid	76-03-9		
						Trichloroaniline HCl, 2,4,6-	33663-50-2		
						Trichloroaniline, 2,4,6-	634-93-5		
				V		Trichlorobenzene, 1,2,3-	87-61-6		
		2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1		2.1E+00
		5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6		5.2E+03
1.6E-05	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	1.5E-01	2.1E-01
2.0E-06	C	1.0E-02	Y	V		Trichloroethylene	79-01-6	1.2E+00	1.0E+01
		7.0E-01	H	V		Trichlorofluoromethane	75-69-4		7.3E+02
						Trichlorophenol, 2,4,5-	95-95-4		
3.1E-06	I					Trichlorophenol, 2,4,6-	88-06-2	7.8E-01	
						Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5		
						Trichlorophenoxypropionic acid, -2,4,5	93-72-1		
				V		Trichloropropane, 1,1,2-	598-77-6		
		3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4		3.1E-01
		3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5		3.1E-01
						Tridiphane	58138-08-2		
		7.0E-03	I	V		Triethylamine	121-44-8		7.3E+00
						Trifluralin	1582-09-8		
						Trimethyl Phosphate	512-56-1		
		5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8		5.2E+00
		7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6		7.3E+00
				V		Trimethylbenzene, 1,3,5-	108-67-8		
						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		
		3.0E-04	A			Uranium (Soluble Salts)	NA		3.1E-01
2.9E-04	C				M	Urethane	51-79-6	3.3E-03	
8.3E-03	P	7.0E-06	P			Vanadium Pentoxide	1314-62-1	2.9E-04	7.3E-03
						Vanadium Sulfate	36907-42-3		
						Vanadium and Compounds	NA		
						Vernolate	1929-77-7		
						Vinclozolin	50471-44-8		
		2.0E-01	I	V		Vinyl Acetate	108-05-4		2.1E+02
3.2E-05	H	3.0E-03	I	V		Vinyl Bromide	593-60-2	7.6E-02	3.1E+00
4.4E-06	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	1.6E-01	1.0E+02
						Warfarin	81-81-2		
		1.0E-01	S	V		Xylene, P-	106-42-3		1.0E+02
		1.0E-01	S	V		Xylene, m-	108-38-3		1.0E+02
		1.0E-01	S	V		Xylene, o-	95-47-6		1.0E+02
		1.0E-01	I	V		Xylenes	1330-20-7		1.0E+02
						Zinc Phosphide	1314-84-7		
						Zinc and Compounds	7440-66-6		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						Zineb	12122-67-7		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
5.1E-06	C					ALAR	1596-84-5	2.4E+00	
						Acephate	30560-19-1		
2.2E-06	I	9.0E-03	I	V		Acetaldehyde	75-07-0	5.6E+00	3.9E+01
						Acetochlor	34256-82-1		
		3.1E+01	A	V		Acetone	67-64-1		1.4E+05
		6.0E-02	P	V		Acetone Cyanohydrin	75-86-5		2.6E+02
		6.0E-02	I	V		Acetonitrile	75-05-8		2.6E+02
				V		Acetophenone	98-86-2		
1.3E-03	C					Acetylaminofluorene, 2-	53-96-3	9.4E-03	
		2.0E-05	I	V		Acrolein	107-02-8		8.8E-02
1.0E-04	I	6.0E-03	I			Acrylamide	79-06-1	1.2E-01	2.6E+01
		1.0E-03	I			Acrylic Acid	79-10-7		4.4E+00
6.8E-05	I	2.0E-03	I	V		Acrylonitrile	107-13-1	1.8E-01	8.8E+00
		6.0E-03	P			Adiponitrile	111-69-3		2.6E+01
						Alachlor	15972-60-8		
						Aldicarb	116-06-3		
						Aldicarb Sulfone	1646-88-4		
4.9E-03	I					Aldrin	309-00-2	2.5E-03	
						Ally	74223-64-6		
		1.0E-04	X			Allyl Alcohol	107-18-6		4.4E-01
6.0E-06	C	1.0E-03	I	V		Allyl Chloride	107-05-1	2.0E+00	4.4E+00
		5.0E-03	P			Aluminum	7429-90-5		2.2E+01
						Aluminum Phosphide	20859-73-8		
						Amdro	67485-29-4		
						Ametryn	834-12-8		
6.0E-03	C					Aminobiphenyl, 4-	92-67-1	2.0E-03	
						Aminophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amitraz	33089-61-1		
		1.0E-01	I			Ammonia	7664-41-7		4.4E+02
						Ammonium Sulfamate	7773-06-0		
1.6E-06	C	1.0E-03	I			Aniline	62-53-3	7.7E+00	4.4E+00
						Anthraquinone, 9,10-	84-65-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
						Antimony Potassium Tartrate	11071-15-1		
						Antimony Tetroxide	1332-81-6		
		2.0E-04	I			Antimony Trioxide	1309-64-4		8.8E-01
						Apollo	74115-24-5		
7.1E-06	I					Aramite	140-57-8	1.7E+00	
4.3E-03	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	2.9E-03	6.6E-02
		5.0E-05	I			Arsine	7784-42-1		2.2E-01
						Assure	76578-14-8		
						Asulam	3337-71-1		
						Atrazine	1912-24-9		
2.5E-04	C					Auramine	492-80-8	4.9E-02	
						Avermectin B1	65195-55-3		
3.1E-05	I			V		Azobenzene	103-33-3	4.0E-01	
		5.0E-04	H			Barium	7440-39-3		2.2E+00
						Baygon	114-26-1		
						Bayleton	43121-43-3		
						Baythroid	68359-37-5		
						Benefin	1861-40-1		
						Benomyl	17804-35-2		
						Bentazon	25057-89-0		
				V		Benzaldehyde	100-52-7		
7.8E-06	I	3.0E-02	I	V		Benzene	71-43-2	1.6E+00	1.3E+02
						Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1		
				V		Benzenethiol	108-98-5		
6.7E-02	I				M	Benzidine	92-87-5	1.8E-04	
						Benzoic Acid	65-85-0		
				V		Benzotrichloride	98-07-7		
						Benzyl Alcohol	100-51-6		
4.9E-05	C	1.0E-03	P	V		Benzyl Chloride	100-44-7	2.5E-01	4.4E+00
2.4E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7	5.1E-03	8.8E-02
						Bidrin	141-66-2		
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
		4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4		1.8E+00
1.0E-05	H			V		Bis(2-chloro-1-methylethyl) ether	108-60-1	1.2E+00	
						Bis(2-chloroethoxy)methane	111-91-1		
3.3E-04	I			V		Bis(2-chloroethyl)ether	111-44-4	3.7E-02	
2.4E-06	C					Bis(2-ethylhexyl)phthalate	117-81-7	5.1E+00	
6.2E-02	I			V		Bis(chloromethyl)ether	542-88-1	2.0E-04	
						Bisphenol A	80-05-7		
		2.0E-02	H			Boron And Borates Only	7440-42-8		8.8E+01
		1.3E-02	C			Boron Trifluoride	7637-07-2		5.7E+01
						Bromate	15541-45-4		
6.0E-04	X			V		Bromo-2-chloroethane, 1-	107-04-0	2.0E-02	
		6.0E-02	I	V		Bromobenzene	108-86-1		2.6E+02
		4.0E-02	X	V		Bromochloromethane	74-97-5		1.8E+02
3.7E-05	C			V		Bromodichloromethane	75-27-4	3.3E-01	
1.1E-06	I					Bromoform	75-25-2	1.1E+01	

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
		5.0E-03	I	V		Bromomethane	74-83-9		2.2E+01
						Bromophos	2104-96-3		
						Bromoxynil	1689-84-5		
						Bromoxynil Octanoate	1689-99-2		
3.0E-05	I	2.0E-03	I	V		Butadiene, 1,3-	106-99-0	4.1E-01	8.8E+00
						Butanol, N-	71-36-3		
						Butyl Benzyl Phthlate	85-68-7		
		3.0E+01	P			Butyl alcohol, sec-	78-92-2		1.3E+05
						Butylate	2008-41-5		
5.7E-08	C					Butylated hydroxyanisole	25013-16-5	2.2E+02	
				V		Butylbenzene, n-	104-51-8		
						Butylphthalyl Butylglycolate	85-70-1		
						Cacodylic Acid	75-60-5		
1.8E-03	I	2.0E-05	C			Cadmium (Diet)	7440-43-9		
1.8E-03	I	2.0E-05	C			Cadmium (Water)	7440-43-9	6.8E-03	8.8E-02
						Caprolactam	105-60-2		
4.3E-05	C					Captafol	2425-06-1	2.9E-01	
6.6E-07	C					Captan	133-06-2	1.9E+01	
						Carbaryl	63-25-2		
						Carbofuran	1563-66-2		
		7.0E-01	I	V		Carbon Disulfide	75-15-0		3.1E+03
6.0E-06	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	2.0E+00	4.4E+02
						Carbosulfan	55285-14-8		
						Carboxin	5234-68-4		
		9.0E-04	I			Ceric oxide	1306-38-3		3.9E+00
						Chloral Hydrate	302-17-0		
						Chloramben	133-90-4		
						Chloranil	118-75-2		
1.0E-04	I	7.0E-04	I			Chlordane	12789-03-6	1.2E-01	3.1E+00
4.6E-03	C					Chlordecone (Kepone)	143-50-0	2.7E-03	
						Chlorfenvinphos	470-90-6		
						Chlorimuron, Ethyl-	90982-32-4		
		1.5E-04	A			Chlorine	7782-50-5		6.4E-01
		2.0E-04	I			Chlorine Dioxide	10049-04-4		8.8E-01
						Chlorite (Sodium Salt)	7758-19-2		
		5.0E+01	I	V		Chloro-1,1-difluoroethane, 1-	75-68-3		2.2E+05
3.0E-04	I	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8	4.1E-02	8.8E+01
						Chloro-2-methylaniline HCl, 4-	3165-93-3		
7.7E-05	C					Chloro-2-methylaniline, 4-	95-69-2	1.6E-01	
						Chloroacetaldehyde, 2-	107-20-0		
						Chloroacetic Acid	79-11-8		
		3.0E-05	I			Chloroacetophenone, 2-	532-27-4		1.3E-01
						Chloroaniline, p-	106-47-8		
		5.0E-02	P	V		Chlorobenzene	108-90-7		2.2E+02
3.1E-05	C					Chlorobenzilate	510-15-6	4.0E-01	
						Chlorobenzoic Acid, p-	74-11-3		
		3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6		1.3E+03
				V		Chlorobutane, 1-	109-69-3		
		5.0E+01	I	V		Chlorodifluoromethane	75-45-6		2.2E+05
2.3E-05	I	9.8E-02	A	V		Chloroform	67-66-3	5.3E-01	4.3E+02
		9.0E-02	I	V		Chloromethane	74-87-3		3.9E+02
6.9E-04	C			V		Chloromethyl Methyl Ether	107-30-2	1.8E-02	
				V		Chloronaphthalene, Beta-	91-58-7		
		1.0E-05	X			Chloronitrobenzene, o-	88-73-3		4.4E-02
		6.0E-04	P			Chloronitrobenzene, p-	100-00-5		2.6E+00
				V		Chlorophenol, 2-	95-57-8		
		4.0E-04	C	V		Chloropicrin	76-06-2		1.8E+00
8.9E-07	C					Chlorothalonil	1897-45-6	1.4E+01	
				V		Chlorotoluene, o-	95-49-8		
				V		Chlorotoluene, p-	106-43-4		
6.9E-02	C					Chlorozotocin	54749-90-5	1.8E-04	
						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		
8.4E-02	S	1.0E-04	I		M	Chromium(VI)	18540-29-9	1.5E-04	4.4E-01
						Chromium, Total	7440-47-3		
9.0E-03	P	6.0E-06	P			Cobalt	7440-48-4	1.4E-03	2.6E-02
6.2E-04	I				M	Coke Oven Emissions	8007-45-2	2.0E-02	
						Copper	7440-50-8		
		6.0E-01	C			Cresol, m-	108-39-4		2.6E+03
		6.0E-01	C			Cresol, o-	95-48-7		2.6E+03
		6.0E-01	C			Cresol, p-	106-44-5		2.6E+03
						Cresol, p-chloro-m-	59-50-7		
		6.0E-01	C	V		Cresols	1319-77-3		2.6E+03
				V		Crotonaldehyde, trans-	123-73-9		
		4.0E-01	I	V		Cumene	98-82-8		1.8E+03
6.3E-05	C					Cupferron	135-20-6	1.9E-01	
						Cyanazine	21725-46-2		
						Cyanides			
						~Calcium Cyanide	592-01-8		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						~Copper Cyanide	544-92-3		
				V		~Cyanide (CN-)	57-12-5		
				V		~Cyanogen	460-19-5		
				V		~Cyanogen Bromide	506-68-3		
				V		~Cyanogen Chloride	506-77-4		
		8.0E-04	I	V		~Hydrogen Cyanide	74-90-8		3.5E+00
						~Potassium Cyanide	151-50-8		
						~Potassium Silver Cyanide	506-61-6		
						~Silver Cyanide	506-64-9		
						~Sodium Cyanide	143-33-9		
				V		~Thiocyanate	463-56-9		
						~Zinc Cyanide	557-21-1		
		6.0E+00	I	V		Cyclohexane	110-82-7		2.6E+04
						Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3		
		7.0E-01	P			Cyclohexanone	108-94-1		3.1E+03
						Cyclohexylamine	108-91-8		
						Cyhalothrin/karate	68085-85-8		
						Cypermethrin	52315-07-8		
						Cyromazine	66215-27-8		
6.9E-05	C					DDD	72-54-8	1.8E-01	
9.7E-05	C					DDE, p,p'-	72-55-9	1.3E-01	
9.7E-05	I					DDT	50-29-3	1.3E-01	
						Dacthal	1861-32-1		
						Dalapon	75-99-0		
						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		
6.0E-03	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	2.0E-03	8.8E-01
						Dibromobenzene, 1,4-	106-37-6		
2.7E-05	C			V		Dibromochloromethane	124-48-1	4.5E-01	
6.0E-04	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	2.0E-02	3.9E+01
		4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3		1.8E+01
						Dibutyl Phthalate	84-74-2		
						Dibutyltin Compounds	NA		
						Dicamba	1918-00-9		
4.2E-03	P			V		Dichloro-2-butene, 1,4-	764-41-0	2.9E-03	
4.2E-03	P			V		Dichloro-2-butene, cis-1,4-	1476-11-5	2.9E-03	
4.2E-03	P			V		Dichloro-2-butene, trans-1,4-	110-57-6	2.9E-03	
						Dichloroacetic Acid	79-43-6		
		2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1		8.8E+02
1.1E-05	C	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	1.1E+00	3.5E+03
3.4E-04	C					Dichlorobenzidine, 3,3'-	91-94-1	3.6E-02	
						Dichlorobenzophenone, 4,4'-	90-98-2		
		1.0E-01	X	V		Dichlorodifluoromethane	75-71-8		4.4E+02
1.6E-06	C			V		Dichloroethane, 1,1-	75-34-3	7.7E+00	
2.6E-05	I	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2	4.7E-01	3.1E+01
		2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4		8.8E+02
				V		Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0		
				V		Dichloroethylene, 1,2-cis-	156-59-2		
		6.0E-02	P	V		Dichloroethylene, 1,2-trans-	156-60-5		2.6E+02
						Dichlorophenol, 2,4-	120-83-2		
						Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
						Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6		
1.0E-05	C	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	1.2E+00	1.8E+01
				V		Dichloropropane, 1,3-	142-28-9		
						Dichloropropanol, 2,3-	616-23-9		
4.0E-06	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	3.1E+00	8.8E+01
8.3E-05	C	5.0E-04	I			Dichlorvos	62-73-7	1.5E-01	2.2E+00
		7.0E-03	P	V		Dicyclopentadiene	77-73-6		3.1E+01
4.6E-03	I					Dieldrin	60-57-1	2.7E-03	
3.0E-04	C	5.0E-03	I			Diesel Engine Exhaust	NA	4.1E-02	2.2E+01
		3.0E-03	C			Diethanolamine	111-42-2		1.3E+01
						Diethyl Phthalate	84-66-2		
		1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5		4.4E-01
		3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0		1.3E+00
						Diethylformamide	617-84-5		
1.0E-01	C					Diethylstilbestrol	56-53-1	1.2E-04	
						Difenzoquat	43222-48-6		
						Diflubenzuron	35367-38-5		
		4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6		1.8E+05
1.3E-05	C					Dihydrosafrole	94-58-6	9.4E-01	
		7.0E-01	P	V		Diisopropyl Ether	108-20-3		3.1E+03
				V		Diisopropyl Methylphosphonate	1445-75-6		
						Dimethipin	55290-64-7		
						Dimethoate	60-51-5		
						Dimethoxybenzidine, 3,3'-	119-90-4		
						Dimethyl methylphosphonate	756-79-6		
1.3E-03	C					Dimethylamino azobenzene [p-]	60-11-7	9.4E-03	
						Dimethylaniline HCl, 2,4-	21436-96-4		
						Dimethylaniline, 2,4-	95-68-1		
				V		Dimethylaniline, N,N-	121-69-7		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						Dimethylbenzidine, 3,3'-	119-93-7		
		3.0E-02	I			Dimethylformamide	68-12-2		1.3E+02
		2.0E-06	X			Dimethylhydrazine, 1,1-	57-14-7		8.8E-03
1.6E-01	C					Dimethylhydrazine, 1,2-	540-73-8	7.7E-05	
						Dimethylphenol, 2,4-	105-67-9		
						Dimethylphenol, 2,6-	576-26-1		
						Dimethylphenol, 3,4-	95-65-8		
				V		Dimethylterephthalate	120-61-6		
1.3E-05	C					Dimethylvinylchloride	513-37-1	9.4E-01	
						Dinitro-o-cresol, 4,6-	534-52-1		
						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		
8.9E-05	C					Dinitrotoluene, 2,4-	121-14-2	1.4E-01	
						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		
7.7E-06	C	3.0E+00	C			Dioxane, 1,4-	123-91-1	1.6E+00	1.3E+04
						Dioxins			
1.3E+00	I					~Hexachlorodibenzo-p-dioxin, Mixture	NA	9.4E-06	
3.8E+01	C	4.0E-08	C			~TCDD, 2,3,7,8-	1746-01-6	3.2E-07	1.8E-04
						Diphenamid	957-51-7		
						Diphenyl Sulfone	127-63-9		
						Diphenylamine	122-39-4		
2.2E-04	I					Diphenylhydrazine, 1,2-	122-66-7	5.6E-02	
						Diquat	85-00-7		
2.1E-03	C					Direct Black 38	1937-37-7	5.8E-03	
2.1E-03	C					Direct Blue 6	2602-46-2	5.8E-03	
1.9E-03	C					Direct Brown 95	16071-86-6	6.5E-03	
						Disulfoton	298-04-4		
						Dithiane, 1,4-	505-29-3		
						Diuron	330-54-1		
						Dodine	2439-10-3		
				V		EPTC	759-94-4		
						Endosulfan	115-29-7		
						Endothall	145-73-3		
						Endrin	72-20-8		
1.2E-06	I	1.0E-03	I	V		Epichlorohydrin	106-89-8	1.0E+01	4.4E+00
		2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7		8.8E+01
						Ethephon	16672-87-0		
						Ethion	563-12-2		
		6.0E-02	P			Ethoxyethanol Acetate, 2-	111-15-9		2.6E+02
		2.0E-01	I			Ethoxyethanol, 2-	110-80-5		8.8E+02
				V		Ethyl Acetate	141-78-6		
				V		Ethyl Acrylate	140-88-5		
		1.0E+01	I	V		Ethyl Chloride	75-00-3		4.4E+04
				V		Ethyl Ether	60-29-7		
		3.0E-01	P	V		Ethyl Methacrylate	97-63-2		1.3E+03
						Ethyl-p-nitrophenyl Phosphonate	2104-64-5		
2.5E-06	C	1.0E+00	I	V		Ethylbenzene	100-41-4	4.9E+00	4.4E+03
						Ethylene Cyanohydrin	109-78-4		
						Ethylene Diamine	107-15-3		
		4.0E-01	C			Ethylene Glycol	107-21-1		1.8E+03
		1.6E+00	I			Ethylene Glycol Monobutyl Ether	111-76-2		7.0E+03
8.8E-05	C	3.0E-02	C	V		Ethylene Oxide	75-21-8	1.4E-01	1.3E+02
1.3E-05	C					Ethylene Thiourea	96-45-7	9.4E-01	
1.9E-02	C					Ethyleneimine	151-56-4	6.5E-04	
						Ethylphthalyl Ethyl Glycolate	84-72-0		
						Express	101200-48-0		
						Fenamiphos	22224-92-6		
						Fenpropathrin	39515-41-8		
						Fluometuron	2164-17-2		
		1.3E-02	C			Fluoride	16984-48-8		5.7E+01
		1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4		5.7E+01
						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		
1.3E-05	I	9.8E-03	A			Formaldehyde	50-00-0	9.4E-01	4.3E+01
		3.0E-04	X			Formic Acid	64-18-6		1.3E+00
						Fosetyl-AL	39148-24-8		
						Furans			
				V		~Dibenzofuran	132-64-9		
				V		~Furan	110-00-9		
						Furazolidone	67-45-8		
		5.0E-02	H			Furfural	98-01-1		2.2E+02

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
4.3E-04	C					Furium	531-82-8	2.9E-02	
8.6E-06	C					Furmecyclox	60568-05-0	1.4E+00	
						Glufosinate, Ammonium	77182-82-2		
		8.0E-05	C			Glutaraldehyde	111-30-8		3.5E-01
		1.0E-03	H			Glycidyl	765-34-4		4.4E+00
						Glyphosate	1071-83-6		
						Goal	42874-03-3		
		1.0E-02	A			Guthion	86-50-0		4.4E+01
						Haloxyfop, Methyl	69806-40-2		
						Harmony	79277-27-3		
1.3E-03	I					Heptachlor	76-44-8	9.4E-03	
2.6E-03	I					Heptachlor Epoxide	1024-57-3	4.7E-03	
						Hexabromobenzene	87-82-1		
						Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2		
4.6E-04	I					Hexachlorobenzene	118-74-1	2.7E-02	
2.2E-05	I					Hexachlorobutadiene	87-68-3	5.6E-01	
1.8E-03	I					Hexachlorocyclohexane, Alpha-	319-84-6	6.8E-03	
5.3E-04	I					Hexachlorocyclohexane, Beta-	319-85-7	2.3E-02	
3.1E-04	C					Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	4.0E-02	
5.1E-04	I					Hexachlorocyclohexane, Technical	608-73-1	2.4E-02	
		2.0E-04	I			Hexachlorocyclopentadiene	77-47-4		8.8E-01
4.0E-06	I					Hexachloroethane	67-72-1	3.1E+00	
						Hexachlorophene	70-30-4		
						Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
		1.0E-05	I	V		Hexamethylene Diisocyanate, 1,6-	822-06-0		4.4E-02
		7.0E-01	I	V		Hexane, N-	110-54-3		3.1E+03
						Hexanedioic Acid	124-04-9		
		3.0E-02	I	V		Hexanone, 2-	591-78-6		1.3E+02
						Hexazinone	51235-04-2		
4.9E-03	I	3.0E-05	P			Hydrazine	302-01-2	2.5E-03	1.3E-01
4.9E-03	I					Hydrazine Sulfate	10034-93-2	2.5E-03	
		2.0E-02	I			Hydrogen Chloride	7647-01-0		8.8E+01
		1.4E-02	C			Hydrogen Fluoride	7664-39-3		6.1E+01
		2.0E-03	I			Hydrogen Sulfide	7783-06-4		8.8E+00
						Hydroquinone	123-31-9		
						Imazalil	35554-44-0		
						Imazaquin	81335-37-7		
						Iodine	7553-56-2		
						Iprodione	36734-19-7		
						Iron	7439-89-6		
				V		Isobutyl Alcohol	78-83-1		
		2.0E+00	C			Isophorone	78-59-1		8.8E+03
						Isopropalin	33820-53-0		
		7.0E+00	C			Isopropanol	67-63-0		3.1E+04
						Isopropyl Methyl Phosphonic Acid	1832-54-8		
						Isoxaben	82558-50-7		
		3.0E-01	A	V		JP-7	NA		1.3E+03
						Kerb	23950-58-5		
						Lactofen	77501-63-4		
						Lead Compounds			
8.0E-05	C					~Lead acetate	301-04-2	1.5E-01	
						~Lead and Compounds	7439-92-1		
1.1E-05	C					~Lead subacetate	1335-32-6	1.1E+00	
						~Tetraethyl Lead	78-00-2		
						Linuron	330-55-2		
						Lithium	7439-93-2		
						Londax	83055-99-6		
						MCPA	94-74-6		
						MCPB	94-81-5		
						MCPP	93-65-2		
						Malathion	121-75-5		
		7.0E-04	C			Maleic Anhydride	108-31-6		3.1E+00
						Maleic Hydrazide	123-33-1		
						Malononitrile	109-77-3		
						Mancozeb	8018-01-7		
						Maneb	12427-38-2		
		5.0E-05	I			Manganese (Diet)	7439-96-5		
		5.0E-05	I			Manganese (Non-diet)	7439-96-5		2.2E-01
						Mephosfolan	950-10-7		
						Mepiquat Chloride	24307-26-4		
						Mercury Compounds			
		3.0E-05	C			~Mercuric Chloride (and other Mercury salts)	7487-94-7		1.3E-01
		3.0E-04	I	V		~Mercury (elemental)	7439-97-6		1.3E+00
						~Methyl Mercury	22967-92-6		
						~Phenylmercuric Acetate	62-38-4		
						Merphos	150-50-5		
						Merphos Oxide	78-48-8		
						Metalaxyl	57837-19-1		
		7.0E-04	H	V		Methacrylonitrile	126-98-7		3.1E+00
						Methamidophos	10265-92-6		
		4.0E+00	C			Methanol	67-56-1		1.8E+04
						Methidathion	950-37-8		
						Methomyl	16752-77-5		

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IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
1.4E-05	C					Methoxy-5-nitroaniline, 2-	99-59-2	8.8E-01	
						Methoxychlor	72-43-5		
		1.0E-03	P			Methoxyethanol Acetate, 2-	110-49-6		4.4E+00
		2.0E-02	I			Methoxyethanol, 2-	109-86-4		8.8E+01
				V		Methyl Acetate	79-20-9		
				V		Methyl Acrylate	96-33-3		
		5.0E+00	I	V		Methyl Ethyl Ketone (2-Butanone)	78-93-3		2.2E+04
1.0E-03	X	2.0E-05	X			Methyl Hydrazine	60-34-4	1.2E-02	8.8E-02
		3.0E+00	I	V		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		1.3E+04
		1.0E-03	C			Methyl Isocyanate	624-83-9		4.4E+00
		7.0E-01	I	V		Methyl Methacrylate	80-62-6		3.1E+03
						Methyl Parathion	298-00-0		
						Methyl Phosphonic Acid	993-13-5		
		4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4		1.8E+02
2.8E-05	C					Methyl methanesulfonate	66-27-3	4.4E-01	
2.6E-07	C	3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	1.3E+04
						Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2		
						Methyl-5-Nitroaniline, 2-	99-55-8		
2.4E-03	C					Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	5.1E-03	
3.7E-05	C					Methylaniline Hydrochloride, 2-	636-21-5	3.3E-01	
						Methylarsonic acid	124-58-3		
						Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7		
						Methylbenzene-1,4-diamine sulfate, 2-	615-50-9		
6.3E-03	C				M	Methylcholanthrene, 3-	56-49-5	1.9E-03	
4.7E-07	I	1.0E+00	A	V		Methylene Chloride	75-09-2	2.6E+01	4.6E+03
4.3E-04	C				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.9E-02	
1.3E-05	C					Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	9.4E-01	
4.6E-04	C	2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	2.7E-02	8.8E+01
		6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8		2.6E+00
				V		Methylstyrene, Alpha-	98-83-9		
						Metolachlor	51218-45-2		
						Metribuzin	21087-64-9		
						Mineral oils	8012-95-1		
5.1E-03	C					Mirex	2385-85-5	2.4E-03	
						Molinate	2212-67-1		
						Molybdenum	7439-98-7		
						Monochloramine	10599-90-3		
						Monomethylaniline	100-61-8		
						N,N'-Diphenyl-1,4-benzenediamine	74-31-7		
						Naled	300-76-5		
		1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64724-95-6		4.4E+02
0.0E+00	C					Naphthylamine, 2-	91-59-8		
						Napropamide	15299-99-7		
		5.0E-05	C			Nickel Carbonyl	13463-39-3		2.2E-01
		1.0E-04	C			Nickel Oxide	1313-99-1		4.4E-01
2.4E-04	I	5.0E-05	C			Nickel Refinery Dust	NA	5.1E-02	2.2E-01
2.6E-04	C	9.0E-05	A			Nickel Soluble Salts	7440-02-0	4.7E-02	3.9E-01
4.8E-04	I	5.0E-05	C			Nickel Subsulfide	12035-72-2	2.6E-02	2.2E-01
						Nitrate	14797-55-8		
						Nitrite	14797-65-0		
		5.0E-05	X			Nitroaniline, 2-	88-74-4		2.2E-01
		6.0E-03	P			Nitroaniline, 4-	100-01-6		2.6E+01
4.0E-05	I	9.0E-03	I	V		Nitrobenzene	98-95-3	3.1E-01	3.9E+01
						Nitrocellulose	9004-70-0		
						Nitrofurantoin	67-20-9		
3.7E-04	C					Nitrofurazone	59-87-0	3.3E-02	
						Nitroglycerin	55-63-0		
						Nitroguanidine	556-88-7		
9.0E-06	P	2.0E-02	P	V		Nitromethane	75-52-5	1.4E+00	8.8E+01
2.7E-03	H	2.0E-02	I	V		Nitropropane, 2-	79-46-9	4.5E-03	8.8E+01
7.7E-03	C				M	Nitroso-N-ethylurea, N-	759-73-9	1.6E-03	
3.4E-02	C				M	Nitroso-N-methylurea, N-	684-93-5	3.6E-04	
1.6E-03	I			V		Nitroso-di-N-butylamine, N-	924-16-3	7.7E-03	
2.0E-03	C					Nitroso-di-N-propylamine, N-	621-64-7	6.1E-03	
8.0E-04	C					Nitrosodiethanolamine, N-	1116-54-7	1.5E-02	
4.3E-02	I				M	Nitrosodiethylamine, N-	55-18-5	2.9E-04	
1.4E-02	I	4.0E-05	X		M	Nitrosodimethylamine, N-	62-75-9	8.8E-04	1.8E-01
2.6E-06	C					Nitrosodiphenylamine, N-	86-30-6	4.7E+00	
6.3E-03	C					Nitrosomethylethylamine, N-	10595-95-6	1.9E-03	
1.9E-03	C					Nitrosomorpholine [N-]	59-89-2	6.5E-03	
2.7E-03	C					Nitrosopiperidine [N-]	100-75-4	4.5E-03	
6.1E-04	I					Nitrosopyrrolidine, N-	930-55-2	2.0E-02	
						Nitrotoluene, m-	99-08-1		
				V		Nitrotoluene, o-	88-72-2		
						Nitrotoluene, p-	99-99-0		
		2.0E-01	P	V		Nonane, n-	111-84-2		8.8E+02
						Norflurazon	27314-13-2		
						Nustar	85509-19-9		
						Octabromodiphenyl Ether	32536-52-0		
						Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0		
						Octamethylpyrophosphoramide	152-16-9		
						Oryzalin	19044-88-3		
						Oxadiazon	19666-30-9		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						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		
						Pentachloronitrobenzene	82-68-8		
5.1E-06	C					Pentachlorophenol	87-86-5	2.4E+00	
						Pentaerythritol tetranitrate (PETN)	78-11-5		
		1.0E+00		P	V	Pentane, n-	109-66-0		4.4E+03
						Perchlorates			
						~Ammonium Perchlorate	7790-98-9		
						~Lithium Perchlorate	7791-03-9		
						~Perchlorate and Perchlorate Salts	14797-73-0		
						~Potassium Perchlorate	7778-74-7		
						~Sodium Perchlorate	7601-89-0		
						Permethrin	52645-53-1		
6.3E-07	C					Phenacetin	62-44-2	1.9E+01	
						Phenmedipham	13684-63-4		
		2.0E-01		C		Phenol	108-95-2		8.8E+02
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		
						Phenylenediamine, p-	106-50-3		
						Phenylphenol, 2-	90-43-7		
						Phorate	298-02-2		
		3.0E-04		I	V	Phosgene	75-44-5		1.3E+00
						Phosmet	732-11-6		
						Phosphates, Inorganic			
						~Aluminum metaphosphate	13776-88-0		
						~Ammonium polyphosphate	68333-79-9		
						~Calcium pyrophosphate	7790-76-3		
						~Diammonium phosphate	7783-28-0		
						~Dicalcium phosphate	7757-93-9		
						~Dimagnesium phosphate	7782-75-4		
						~Dipotassium phosphate	7758-11-4		
						~Disodium phosphate	7558-79-4		
						~Monoaluminum phosphate	13530-50-2		
						~Monoammonium phosphate	7722-76-1		
						~Monocalcium phosphate	7758-23-8		
						~Monomagnesium phosphate	7757-86-0		
						~Monopotassium phosphate	7778-77-0		
						~Monosodium phosphate	7558-80-7		
						~Polyphosphoric acid	8017-16-1		
						~Potassium tripolyphosphate	13845-36-8		
						~Sodium acid pyrophosphate	7758-16-9		
						~Sodium aluminum phosphate (acidic)	7785-88-8		
						~Sodium aluminum phosphate (anhydrous)	10279-59-1		
						~Sodium aluminum phosphate (tetrahydrate)	10305-76-7		
						~Sodium hexametaphosphate	10124-56-8		
						~Sodium polyphosphate	68915-31-1		
						~Sodium trimetaphosphate	7785-84-4		
						~Sodium tripolyphosphate	7758-29-4		
						~Tetrapotassium phosphate	7320-34-5		
						~Tetrasodium pyrophosphate	7722-88-5		
						~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5		
						~Tricalcium phosphate	7758-87-4		
						~Trimagnesium phosphate	7757-87-1		
						~Tripotassium phosphate	7778-53-2		
						~Trisodium phosphate	7601-54-9		
		3.0E-04		I		Phosphine	7803-51-2		1.3E+00
		1.0E-02		I		Phosphoric Acid	7664-38-2		4.4E+01
						Phosphorus, White	7723-14-0		
						Phthalic Acid, P-	100-21-0		
		2.0E-02		C		Phthalic Anhydride	85-44-9		8.8E+01
						Picloram	1918-02-1		
						Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3		
						Pirimiphos, Methyl	29232-93-7		
8.6E-03	C					Polybrominated Biphenyls	59536-65-1	1.4E-03	
						Polychlorinated Biphenyls (PCBs)			
2.0E-05	S					~Aroclor 1016	12674-11-2	6.1E-01	
5.7E-04	S				V	~Aroclor 1221	11104-28-2	2.1E-02	
5.7E-04	S				V	~Aroclor 1232	11141-16-5	2.1E-02	
5.7E-04	S					~Aroclor 1242	53469-21-9	2.1E-02	
5.7E-04	S					~Aroclor 1248	12672-29-6	2.1E-02	
5.7E-04	S					~Aroclor 1254	11097-69-1	2.1E-02	
5.7E-04	S					~Aroclor 1260	11096-82-5	2.1E-02	
1.1E-03	E	1.3E-03		E		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03		E		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-02	5.8E+00

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m^3)$^{-1}$	key	RfC$_i$ (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
1.1E-03	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.1E-02	5.8E+00
1.1E+00	E	1.3E-06	E			~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E-05	5.8E-03
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-02	5.8E+00
3.8E+00	E	4.0E-07	E			~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.2E-06	1.8E-03
5.7E-04	I					~Polychlorinated Biphenyls (high risk)	1336-36-3	2.1E-02	
1.0E-04	I					~Polychlorinated Biphenyls (low risk)	1336-36-3	1.2E-01	
2.0E-05	I					~Polychlorinated Biphenyls (lowest risk)	1336-36-3	6.1E-01	
3.8E-03	E	4.0E-04	E			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.2E-03	1.8E+00
1.1E-02	E	1.3E-04	E			~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-03	5.8E-01
		6.0E-04	I			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9		2.6E+00
						Polynuclear Aromatic Hydrocarbons (PAHs)			
				V		~Acenaphthene	83-32-9		
				V		~Anthracene	120-12-7		
1.1E-04	C				M	~Benz[a]anthracene	56-55-3	1.1E-01	
1.1E-04	C					~Benzo(j)fluoranthene	205-82-3	1.1E-01	
1.1E-03	C				M	~Benzo[a]pyrene	50-32-8	1.1E-02	
1.1E-04	C				M	~Benzo[b]fluoranthene	205-99-2	1.1E-01	
1.1E-04	C				M	~Benzo[k]fluoranthene	207-08-9	1.1E-01	
1.1E-05	C				M	~Chrysene	218-01-9	1.1E+00	
1.2E-03	C				M	~Dibenz[a,h]anthracene	53-70-3	1.0E-02	
1.1E-03	C					~Dibenzo(a,e)pyrene	192-65-4	1.1E-02	
7.1E-02	C				M	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.7E-04	
						~Fluoranthene	206-44-0		
				V		~Fluorene	86-73-7		
1.1E-04	C				M	~Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	
				V		~Methylnaphthalene, 1-	90-12-0		
				V		~Methylnaphthalene, 2-	91-57-6		
3.4E-05	C	3.0E-03	I	V		~Naphthalene	91-20-3	3.6E-01	1.3E+01
1.1E-04	C					~Nitropyrene, 4-	57835-92-4	1.1E-01	
				V		~Pyrene	129-00-0		
						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		
		8.0E-03	I	V		Propionaldehyde	123-38-6		3.5E+01
		1.0E+00	X	V		Propyl benzene	103-65-1		4.4E+03
		3.0E+00	C			Propylene	115-07-1		1.3E+04
						Propylene Glycol	57-55-6		
		2.7E-04	A	V		Propylene Glycol Dinitrate	6423-43-4		1.2E+00
						Propylene Glycol Monoethyl Ether	1569-02-4		
		2.0E+00	I			Propylene Glycol Monomethyl Ether	107-98-2		8.8E+03
3.7E-06	I	3.0E-02	I	V		Propylene Oxide	75-56-9	3.3E+00	1.3E+02
						Pursuit	81335-77-5		
						Pydrin	51630-58-1		
				V		Pyridine	110-86-1		
						Quinalphos	13593-03-8		
						Quinoline	91-22-5		
		3.0E-02	A			Refractory Ceramic Fibers	NA		1.3E+02
						Resmethrin	10453-86-8		
						Ronnel	299-84-3		
						Rotenone	83-79-4		
6.3E-05	C				M	Safrole	94-59-7	1.9E-01	
						Savey	78587-05-0		
						Selenious Acid	7783-00-8		
		2.0E-02	C			Selenium	7782-49-2		8.8E+01
		2.0E-02	C			Selenium Sulfide	7446-34-6		8.8E+01
						Sethoxydim	74051-80-2		
		3.0E-03	C			Silica (crystalline, respirable)	7631-86-9		1.3E+01
						Silver	7440-22-4		
						Simazine	122-34-9		
						Sodium Acifluorfen	62476-59-9		
						Sodium Azide	26628-22-8		
						Sodium Diethyldithiocarbamate	148-18-5		
		1.3E-02	C			Sodium Fluoride	7681-49-4		5.7E+01
						Sodium Fluoroacetate	62-74-8		
						Sodium Metavanadate	13718-26-8		
						Stirofos (Tetrachlorovinphos)	961-11-5		
						Strontium, Stable	7440-24-6		
						Strychnine	57-24-9		
		1.0E+00	I	V		Styrene	100-42-5		4.4E+03
						Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9		
		1.0E-03	C			Sulfuric Acid	7664-93-9		4.4E+00

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						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		
						Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1		
						Tetrachlorobenzene, 1,2,4,5-	95-94-3		
7.4E-06	I			V		Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+00	
5.8E-05	C			V		Tetrachloroethane, 1,1,2,2-	79-34-5	2.1E-01	
5.9E-06	C	2.7E-01	A	V		Tetrachloroethylene	127-18-4	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		
		8.0E+01	I	V		Tetrafluoroethane, 1,1,1,2-	811-97-2		3.5E+05
						Tetryl (Trinitrophenylmethylnitramine)	479-45-8		
						Thallium (Soluble Salts)	7440-28-0		
						Thiobencarb	28249-77-6		
						Thiodiglycol	111-48-8		
						Thiofanox	39196-18-4		
						Thiophanate, Methyl	23564-05-8		
						Thiram	137-26-8		
						Tin	7440-31-5		
		1.0E-04	A			Titanium Tetrachloride	7550-45-0		4.4E-01
		5.0E+00	I	V		Toluene	108-88-3		2.2E+04
						Toluene-2,5-diamine	95-70-5		
						Toluidine, p-	106-49-0		
3.2E-04	I					Toxaphene	8001-35-2	3.8E-02	
						Tralomethrin	66841-25-6		
						Tri-n-butyltin	688-73-3		
						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		
		3.0E+01	H	V		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		1.3E+05
						Trichloroacetic Acid	76-03-9		
						Trichloroaniline HCl, 2,4,6-	33663-50-2		
						Trichloroaniline, 2,4,6-	634-93-5		
				V		Trichlorobenzene, 1,2,3-	87-61-6		
		2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1		8.8E+00
		5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6		2.2E+04
1.6E-05	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	7.7E-01	8.8E-01
2.0E-06	C	1.0E-02	Y	V		Trichloroethylene	79-01-6	6.1E+00	4.4E+01
		7.0E-01	H	V		Trichlorofluoromethane	75-69-4		3.1E+03
						Trichlorophenol, 2,4,5-	95-95-4		
3.1E-06	I					Trichlorophenol, 2,4,6-	88-06-2	4.0E+00	
						Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5		
						Trichlorophenoxypropionic acid, -2,4,5	93-72-1		
				V		Trichloropropane, 1,1,2-	598-77-6		
		3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4		1.3E+00
		3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5		1.3E+00
						Tridiphane	58138-08-2		
		7.0E-03	I	V		Triethylamine	121-44-8		3.1E+01
						Trifluralin	1582-09-8		
						Trimethyl Phosphate	512-56-1		
		5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8		2.2E+01
		7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6		3.1E+01
				V		Trimethylbenzene, 1,3,5-	108-67-8		
						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		
		3.0E-04	A			Uranium (Soluble Salts)	NA		1.3E+00
2.9E-04	C				M	Urethane	51-79-6	4.2E-02	
8.3E-03	P	7.0E-06	P			Vanadium Pentoxide	1314-62-1	1.5E-03	3.1E-02
						Vanadium Sulfate	36907-42-3		
						Vanadium and Compounds	NA		
						Vernolate	1929-77-7		
						Vinclozolin	50471-44-8		
		2.0E-01	I	V		Vinyl Acetate	108-05-4		8.8E+02
3.2E-05	H	3.0E-03	I	V		Vinyl Bromide	593-60-2	3.8E-01	1.3E+01
4.4E-06	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	2.8E+00	4.4E+02
						Warfarin	81-81-2		
		1.0E-01	S	V		Xylene, P-	106-42-3		4.4E+02
		1.0E-01	S	V		Xylene, m-	108-38-3		4.4E+02
		1.0E-01	S	V		Xylene, o-	95-47-6		4.4E+02
		1.0E-01	I	V		Xylenes	1330-20-7		4.4E+02
						Zinc Phosphide	1314-84-7		
						Zinc and Compounds	7440-66-6		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR ($(ug/m^3)^{-1}$)	key	RfC_i (mg/m^3)	key	voc	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m^3)	Noncarcinogenic SL HI=1 (ug/m^3)
						Zineb	12122-67-7		

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
1.8E-02	C	5.1E-06	C	1.5E-01	I					ALAR	1596-84-5	3.7E+00		3.7E+00	5.5E+03		5.5E+03	
8.7E-03	I			4.0E-03	I					Acephate	30560-19-1	7.7E+00		7.7E+00	1.5E+02		1.5E+02	
		2.2E-06	I			9.0E-03	I	V		Acetaldehyde	75-07-0		2.2E+00	2.2E+00		1.9E+01	1.9E+01	
				2.0E-02	I					Acetochlor	34256-82-1				7.3E+02		7.3E+02	
				9.0E-01	I	3.1E+01	A	V		Acetone	67-64-1				3.3E+04	6.4E+04	2.2E+04	
				3.0E-03	P	6.0E-02	P	V		Acetone Cyanohydrin	75-86-5				1.1E+02	1.3E+02	5.8E+01	
						6.0E-02	I	V		Acetonitrile	75-05-8					1.3E+02	1.3E+02	
				1.0E-01	I			V		Acetophenone	98-86-2				3.7E+03		3.7E+03	
3.8E+00	C	1.3E-03	C							Acetylaminofluorene, 2-	53-96-3	1.8E-02		1.8E-02				
				5.0E-04	I	2.0E-05	I	V		Acrolein	107-02-8				1.8E+01	4.2E-02	4.2E-02	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I			Acrylamide	79-06-1	1.3E-01		1.3E-01	7.3E+01		7.3E+01	
				5.0E-01	I	1.0E-03	I			Acrylic Acid	79-10-7				1.8E+04		1.8E+04	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		Acrylonitrile	107-13-1	1.2E-01	7.2E-02	4.5E-02	1.5E+03	4.2E+00	4.2E+00	
						6.0E-03	P			Adiponitrile	111-69-3							
5.6E-02	C			1.0E-02	I					Alachlor	15972-60-8	1.2E+00		1.2E+00	3.7E+02		3.7E+02	2.0E+00
				1.0E-03	I					Aldicarb	116-06-3				3.7E+01		3.7E+01	
				1.0E-03	I					Aldicarb Sulfone	1646-88-4				3.7E+01		3.7E+01	
1.7E+01	I	4.9E-03	I	3.0E-05	I					Aldrin	309-00-2	4.0E-03		4.0E-03	1.1E+00		1.1E+00	
				2.5E-01	I					Ally	74223-64-6				9.1E+03		9.1E+03	
				5.0E-03	I	1.0E-04	X			Allyl Alcohol	107-18-6				1.8E+02		1.8E+02	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		Allyl Chloride	107-05-1	3.2E+00	8.1E-01	6.5E-01		2.1E+00	2.1E+00	
				1.0E+00	P	5.0E-03	P			Aluminum	7429-90-5				3.7E+04		3.7E+04	
				4.0E-04	I					Aluminum Phosphide	20859-73-8				1.5E+01		1.5E+01	
				3.0E-04	I					Amdro	67485-29-4				1.1E+01		1.1E+01	
				9.0E-03	I					Ametryn	834-12-8				3.3E+02		3.3E+02	
2.1E+01	C	6.0E-03	C							Aminobiphenyl, 4-	92-67-1	3.2E-03		3.2E-03				
				8.0E-02	P					Aminophenol, m-	591-27-5				2.9E+03		2.9E+03	
				2.0E-02	P					Aminophenol, p-	123-30-8				7.3E+02		7.3E+02	
				2.5E-03	I					Amitraz	33089-61-1				9.1E+01		9.1E+01	
						1.0E-01	I			Ammonia	7664-41-7							
				2.0E-01	I					Ammonium Sulfamate	7773-06-0				7.3E+03		7.3E+03	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			Aniline	62-53-3	1.2E+01		1.2E+01	2.6E+02		2.6E+02	
4.0E-02	P			2.0E-03	X					Anthraquinone, 9,10-	84-65-1	1.7E+00		1.7E+00	7.3E+01		7.3E+01	
				4.0E-04	I					Antimony (metallic)	7440-36-0				1.5E+01		1.5E+01	6.0E+00
				5.0E-04	H					Antimony Pentoxide	1314-60-9				1.8E+01		1.8E+01	
				9.0E-04	H					Antimony Potassium Tartrate	11071-15-1				3.3E+01		3.3E+01	
				4.0E-04	H					Antimony Tetroxide	1332-81-6				1.5E+01		1.5E+01	
						2.0E-04	I			Antimony Trioxide	1309-64-4							
				1.3E-02	I					Apollo	74115-24-5				4.7E+02		4.7E+02	
2.5E-02	I	7.1E-06	I	5.0E-02	H					Aramite	140-57-8	2.7E+00		2.7E+00	1.8E+03		1.8E+03	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	4.5E-02		4.5E-02	1.1E+01		1.1E+01	1.0E+01
				3.5E-06	C	5.0E-05	I			Arsine	7784-42-1				1.3E-01		1.3E-01	
				9.0E-03	I					Assure	76578-14-8				3.3E+02		3.3E+02	
				5.0E-02	I					Asulam	3337-71-1				1.8E+03		1.8E+03	
2.3E-01	C			3.5E-02	I					Atrazine	1912-24-9	2.9E-01		2.9E-01	1.3E+03		1.3E+03	3.0E+00
8.8E-01	C	2.5E-04	C							Auramine	492-80-8	7.6E-02		7.6E-02				
				4.0E-04	I					Avermectin B1	65195-55-3				1.5E+01		1.5E+01	
1.1E-01	I	3.1E-05	I					V		Azobenzene	103-33-3	6.1E-01	1.6E-01	1.2E-01				
				2.0E-01	I	5.0E-04	H			Barium	7440-39-3				7.3E+03		7.3E+03	2.0E+03
				4.0E-03	I					Baygon	114-26-1				1.5E+02		1.5E+02	
				3.0E-02	I					Bayleton	43121-43-3				1.1E+03		1.1E+03	
				2.5E-02	I					Baythroid	68359-37-5				9.1E+02		9.1E+02	
				3.0E-01	I					Benefin	1861-40-1				1.1E+04		1.1E+04	
				5.0E-02	I					Benomyl	17804-35-2				1.8E+03		1.8E+03	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
				3.0E-02	I					Bentazon	25057-89-0				1.1E+03		1.1E+03	
				1.0E-01	I			V		Benzaldehyde	100-52-7				3.7E+03		3.7E+03	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		Benzene	71-43-2	1.2E+00	6.2E-01	4.1E-01	1.5E+02	6.3E+01	4.4E+01	5.0E+00
				2.0E-04	X					Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1				7.3E+00		7.3E+00	
				1.0E-03	P			V		Benzenethiol	108-98-5				3.7E+01		3.7E+01	
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	Benzidine	92-87-5	9.4E-05		9.4E-05	1.1E+02		1.1E+02	
				4.0E+00	I					Benzoic Acid	65-85-0				1.5E+05		1.5E+05	
1.3E+01	I							V		Benzotrichloride	98-07-7	5.2E-03		5.2E-03				
				1.0E-01	P					Benzyl Alcohol	100-51-6				3.7E+03		3.7E+03	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		Benzyl Chloride	100-44-7	4.0E-01	9.9E-02	7.9E-02	7.3E+01	2.1E+00	2.0E+00	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7				7.3E+01		7.3E+01	4.0E+00
				1.0E-04	I					Bidrin	141-66-2				3.7E+00		3.7E+00	
				9.0E-03	P					Bifenox	42576-02-3				3.3E+02		3.3E+02	
				1.5E-02	I					Biphenthrin	82657-04-3				5.5E+02		5.5E+02	
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4	8.4E+00		8.4E+00	1.8E+03	8.3E-01	8.3E-01	
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		Bis(2-chloro-1-methylethyl) ether	108-60-1	9.6E-01	4.9E-01	3.2E-01	1.5E+03		1.5E+03	
				3.0E-03	P					Bis(2-chloroethoxy)methane	111-91-1				1.1E+02		1.1E+02	
1.1E+00	I	3.3E-04	I					V		Bis(2-chloroethyl)ether	111-44-4	6.1E-02	1.5E-02	1.2E-02				
1.4E-02	I	2.4E-06	C	2.0E-02	I					Bis(2-ethylhexyl)phthalate	117-81-7	4.8E+00		4.8E+00	7.3E+02		7.3E+02	6.0E+00
2.2E+02	I	6.2E-02	I					V		Bis(chloromethyl)ether	542-88-1	3.1E-04	7.8E-05	6.2E-05				
				5.0E-02	I					Bisphenol A	80-05-7				1.8E+03		1.8E+03	
				2.0E-01	I	2.0E-02	H			Boron And Borates Only	7440-42-8				7.3E+03		7.3E+03	
				4.0E-02	C	1.3E-02	C			Boron Trifluoride	7637-07-2				1.5E+03		1.5E+03	
7.0E-01	I			4.0E-03	I					Bromate	15541-45-4	9.6E-02		9.6E-02	1.5E+02		1.5E+02	1.0E+01
2.0E+00	X	6.0E-04	X					V		Bromo-2-chloroethane, 1-	107-04-0	3.4E-02	8.1E-03	6.5E-03				
				8.0E-03	I	6.0E-02	I	V		Bromobenzene	108-86-1				2.9E+02	1.3E+02	8.8E+01	
						4.0E-02	X	V		Bromochloromethane	74-97-5					8.3E+01	8.3E+01	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		Bromodichloromethane	75-27-4	1.1E+00	1.3E-01	1.2E-01	7.3E+02		7.3E+02	8.0E+01(F)
7.9E-03	I	1.1E-06	I	2.0E-02	I					Bromoform	75-25-2	8.5E+00		8.5E+00	7.3E+02		7.3E+02	8.0E+01(F)
				1.4E-03	I	5.0E-03	I	V		Bromomethane	74-83-9				5.1E+01	1.0E+01	8.7E+00	
				5.0E-03	H					Bromophos	2104-96-3				1.8E+02		1.8E+02	
				2.0E-02	I					Bromoxynil	1689-84-5				7.3E+02		7.3E+02	
				2.0E-02	I					Bromoxynil Octanoate	1689-99-2				7.3E+02		7.3E+02	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		Butadiene, 1,3-	106-99-0	2.0E-02	1.6E-01	1.8E-02		4.2E+00	4.2E+00	
				1.0E-01	I					Butanol, N-	71-36-3				3.7E+03		3.7E+03	
1.9E-03	P			2.0E-01	I					Butyl Benzyl Phthlate	85-68-7	3.5E+01		3.5E+01	7.3E+03		7.3E+03	
				2.0E+00	P	3.0E+01	P			Butyl alcohol, sec-	78-92-2				7.3E+04		7.3E+04	
				5.0E-02	I					Butylate	2008-41-5				1.8E+03		1.8E+03	
2.0E-04	C	5.7E-08	C							Butylated hydroxyanisole	25013-16-5	3.4E+02		3.4E+02				
				5.0E-02	P			V		Butylbenzene, n-	104-51-8				1.8E+03		1.8E+03	
				1.0E+00	I					Butylphthalyl Butylglycolate	85-70-1				3.7E+04		3.7E+04	
				2.0E-02	A					Cacodylic Acid	75-60-5				7.3E+02		7.3E+02	
		1.8E-03	I	1.0E-03	I	2.0E-05	C			Cadmium (Diet)	7440-43-9							
		1.8E-03	I	5.0E-04	I	2.0E-05	C			Cadmium (Water)	7440-43-9				1.8E+01		1.8E+01	5.0E+00
				5.0E-01	I					Caprolactam	105-60-2				1.8E+04		1.8E+04	
1.5E-01	C	4.3E-05	C	2.0E-03	I					Captafol	2425-06-1	4.5E-01		4.5E-01	7.3E+01		7.3E+01	
2.3E-03	C	6.6E-07	C	1.3E-01	I					Captan	133-06-2	2.9E+01		2.9E+01	4.7E+03		4.7E+03	
				1.0E-01	I					Carbaryl	63-25-2				3.7E+03		3.7E+03	
				5.0E-03	I					Carbofuran	1563-66-2				1.8E+02		1.8E+02	4.0E+01
				1.0E-01	I	7.0E-01	I	V		Carbon Disulfide	75-15-0				3.7E+03	1.5E+03	1.0E+03	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	9.6E-01	8.1E-01	4.4E-01	1.5E+02	2.1E+02	8.6E+01	5.0E+00
				1.0E-02	I					Carbosulfan	55285-14-8				3.7E+02		3.7E+02	
				1.0E-01	I					Carboxin	5234-68-4				3.7E+03		3.7E+03	
						9.0E-04	I			Ceric oxide	1306-38-3							

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
				1.0E-01	I					Chloral Hydrate	302-17-0				3.7E+03		3.7E+03	
				1.5E-02	I					Chloramben	133-90-4				5.5E+02		5.5E+02	
4.0E-01	H									Chloranil	118-75-2	1.7E-01		1.7E-01				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			Chlordane	12789-03-6	1.9E-01		1.9E-01	1.8E+01		1.8E+01	2.0E+00
1.0E+01	I	4.6E-03	C	3.0E-04	I					Chlordecone (Kepone)	143-50-0	6.7E-03		6.7E-03	1.1E+01		1.1E+01	
				7.0E-04	A					Chlorfenvinphos	470-90-6				2.6E+01		2.6E+01	
				2.0E-02	I					Chlorimuron, Ethyl-	90982-32-4				7.3E+02		7.3E+02	
				1.0E-01	I	1.5E-04	A			Chlorine	7782-50-5				3.7E+03		3.7E+03	
				3.0E-02	I	2.0E-04	I			Chlorine Dioxide	10049-04-4				1.1E+03		1.1E+03	
				3.0E-02	I					Chlorite (Sodium Salt)	7758-19-2				1.1E+03		1.1E+03	1.0E+03
						5.0E+01	I	V		Chloro-1,1-difluoroethane, 1-	75-68-3					1.0E+05	1.0E+05	
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8		1.6E-02	1.6E-02	7.3E+02	4.2E+01	3.9E+01	
4.6E-01	H									Chloro-2-methylaniline HCl, 4-	3165-93-3	1.5E-01		1.5E-01				
1.0E-01	P	7.7E-05	C	3.0E-03	X					Chloro-2-methylaniline, 4-	95-69-2	6.7E-01		6.7E-01	1.1E+02		1.1E+02	
2.7E-01	X									Chloroacetaldehyde, 2-	107-20-0	2.5E-01		2.5E-01				
				2.0E-03	H					Chloroacetic Acid	79-11-8				7.3E+01		7.3E+01	6.0E+01
						3.0E-05	I			Chloroacetophenone, 2-	532-27-4							
2.0E-01	P			4.0E-03	I					Chloroaniline, p-	106-47-8	3.4E-01		3.4E-01	1.5E+02		1.5E+02	
				2.0E-02	I	5.0E-02	P	V		Chlorobenzene	108-90-7				7.3E+02	1.0E+02	9.1E+01	1.0E+02
1.1E-01	C	3.1E-05	C	2.0E-02	I					Chlorobenzilate	510-15-6	6.1E-01		6.1E-01	7.3E+02		7.3E+02	
				3.0E-02	X					Chlorobenzoic Acid, p-	74-11-3				1.1E+03		1.1E+03	
				3.0E-03	P	3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6				1.1E+02	6.3E+02	9.3E+01	
				4.0E-02	P			V		Chlorobutane, 1-	109-69-3				1.5E+03		1.5E+03	
						5.0E+01	I	V		Chlorodifluoromethane	75-45-6					1.0E+05	1.0E+05	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		Chloroform	67-66-3	2.2E+00	2.1E-01	1.9E-01	3.7E+02	2.0E+02	1.3E+02	8.0E+01(F)
						9.0E-02	I	V		Chloromethane	74-87-3					1.9E+02	1.9E+02	
2.4E+00	C	6.9E-04	C					V		Chloromethyl Methyl Ether	107-30-2	2.8E-02	7.1E-03	5.6E-03				
				8.0E-02	I			V		Chloronaphthalene, Beta-	91-58-7				2.9E+03		2.9E+03	
3.0E-01	P			3.0E-03	P	1.0E-05	X			Chloronitrobenzene, o-	88-73-3	2.2E-01		2.2E-01	1.1E+02		1.1E+02	
6.3E-03	P			1.0E-03	P	6.0E-04	P			Chloronitrobenzene, p-	100-00-5	1.1E+01		1.1E+01	3.7E+01		3.7E+01	
				5.0E-03	I			V		Chlorophenol, 2-	95-57-8				1.8E+02		1.8E+02	
						4.0E-04	C	V		Chloropicrin	76-06-2					8.3E-01	8.3E-01	
3.1E-03	C	8.9E-07	C	1.5E-02	I					Chlorothalonil	1897-45-6	2.2E+01		2.2E+01	5.5E+02		5.5E+02	
				2.0E-02	I			V		Chlorotoluene, o-	95-49-8				7.3E+02		7.3E+02	
				2.0E-02	X			V		Chlorotoluene, p-	106-43-4				7.3E+02		7.3E+02	
2.4E+02	C	6.9E-02	C							Chlorozotocin	54749-90-5	2.8E-04		2.8E-04				
				2.0E-01	I					Chlorpropham	101-21-3				7.3E+03		7.3E+03	
				3.0E-03	I					Chlorpyrifos	2921-88-2				1.1E+02		1.1E+02	
				1.0E-02	H					Chlorpyrifos Methyl	5598-13-0				3.7E+02		3.7E+02	
				5.0E-02	I					Chlorsulfuron	64902-72-3				1.8E+03		1.8E+03	
				8.0E-04	H					Chlorthiophos	60238-56-4				2.9E+01		2.9E+01	
				1.5E+00	I					Chromium(III), Insoluble Salts	16065-83-1				5.5E+04		5.5E+04	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	Chromium(VI)	18540-29-9	4.3E-02		4.3E-02	1.1E+02		1.1E+02	
										Chromium, Total	7440-47-3							1.0E+02
		9.0E-03	P	3.0E-04	P	6.0E-06	P			Cobalt	7440-48-4				1.1E+01		1.1E+01	
		6.2E-04	I						M	Coke Oven Emissions	8007-45-2							
				4.0E-02	H					Copper	7440-50-8				1.5E+03		1.5E+03	1.3E+03
				5.0E-02	I	6.0E-01	C			Cresol, m-	108-39-4				1.8E+03		1.8E+03	
				5.0E-02	I	6.0E-01	C			Cresol, o-	95-48-7				1.8E+03		1.8E+03	
				5.0E-03	H	6.0E-01	C			Cresol, p-	106-44-5				1.8E+02		1.8E+02	
				1.0E-01	X					Cresol, p-chloro-m-	59-50-7				3.7E+03		3.7E+03	
				1.0E-01	A	6.0E-01	C	V		Cresols	1319-77-3				3.7E+03	1.3E+03	9.3E+02	
1.9E+00	H			1.0E-03	P			V		Crotonaldehyde, trans-	123-73-9	3.5E-02		3.5E-02	3.7E+01		3.7E+01	
				1.0E-01	I	4.0E-01	I	V		Cumene	98-82-8				3.7E+03	8.3E+02	6.8E+02	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
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2.2E-01	C	6.3E-05	C							Cupferron	135-20-6	3.1E-01		3.1E-01				
8.4E-01	H			2.0E-03	H					Cyanazine	21725-46-2	8.0E-02		8.0E-02	7.3E+01		7.3E+01	
										Cyanides								
				4.0E-02	I					~Calcium Cyanide	592-01-8				1.5E+03		1.5E+03	
				5.0E-03	I					~Copper Cyanide	544-92-3				1.8E+02		1.8E+02	
				2.0E-02	I			V		~Cyanide (CN-)	57-12-5				7.3E+02		7.3E+02	2.0E+02
				4.0E-02	I			V		~Cyanogen	460-19-5				1.5E+03		1.5E+03	
				9.0E-02	I			V		~Cyanogen Bromide	506-68-3				3.3E+03		3.3E+03	
				5.0E-02	I			V		~Cyanogen Chloride	506-77-4				1.8E+03		1.8E+03	
				6.0E-04	I	8.0E-04	I	V		~Hydrogen Cyanide	74-90-8				2.2E+01	1.7E+00	1.6E+00	
				5.0E-02	I					~Potassium Cyanide	151-50-8				1.8E+03		1.8E+03	
				2.0E-01	I					~Potassium Silver Cyanide	506-61-6				7.3E+03		7.3E+03	
				1.0E-01	I					~Silver Cyanide	506-64-9				3.7E+03		3.7E+03	
				4.0E-02	I					~Sodium Cyanide	143-33-9				1.5E+03		1.5E+03	2.0E+02
				2.0E-04	P			V		~Thiocyanate	463-56-9				7.3E+00		7.3E+00	
				5.0E-02	I					~Zinc Cyanide	557-21-1				1.8E+03		1.8E+03	
						6.0E+00	I	V		Cyclohexane	110-82-7					1.3E+04	1.3E+04	
2.3E-02	H									Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.9E+00		2.9E+00				
				5.0E+00	I	7.0E-01	P			Cyclohexanone	108-94-1				1.8E+05		1.8E+05	
				2.0E-01	I					Cyclohexylamine	108-91-8				7.3E+03		7.3E+03	
				5.0E-03	I					Cyhalothrin/karate	68085-85-8				1.8E+02		1.8E+02	
				1.0E-02	I					Cypermethrin	52315-07-8				3.7E+02		3.7E+02	
				7.5E-03	I					Cyromazine	66215-27-8				2.7E+02		2.7E+02	
2.4E-01	I	6.9E-05	C							DDD	72-54-8	2.8E-01		2.8E-01				
3.4E-01	I	9.7E-05	C							DDE, p,p'-	72-55-9	2.0E-01		2.0E-01				
3.4E-01	I	9.7E-05	I	5.0E-04	I					DDT	50-29-3	2.0E-01		2.0E-01	1.8E+01		1.8E+01	
				1.0E-02	I					Dacthal	1861-32-1				3.7E+02		3.7E+02	
				3.0E-02	I					Dalapon	75-99-0				1.1E+03		1.1E+03	2.0E+02
7.0E-04	I			7.0E-03	I					Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.6E+01		9.6E+01	2.6E+02		2.6E+02	
				4.0E-05	I					Demeton	8065-48-3				1.5E+00		1.5E+00	
1.2E-03	I			6.0E-01	I					Di(2-ethylhexyl)adipate	103-23-1	5.6E+01		5.6E+01	2.2E+04		2.2E+04	4.0E+02
6.1E-02	H									Diallate	2303-16-4	1.1E+00		1.1E+00				
				7.0E-04	A					Diazinon	333-41-5				2.6E+01		2.6E+01	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	2.7E-02	3.2E-04	3.2E-04	7.3E+00	4.2E-01	3.9E-01	2.0E-01
				1.0E-02	I					Dibromobenzene, 1,4-	106-37-6				3.7E+02		3.7E+02	
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		Dibromochloromethane	124-48-1	8.0E-01	1.8E-01	1.5E-01	7.3E+02		7.3E+02	8.0E+01(F)
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	3.4E-02	8.1E-03	6.5E-03	3.3E+02	1.9E+01	1.8E+01	5.0E-02
				1.0E-02	H	4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3				3.7E+02	8.3E+00	8.2E+00	
				1.0E-01	I					Dibutyl Phthalate	84-74-2				3.7E+03		3.7E+03	
				3.0E-04	P					Dibutyltin Compounds	NA				1.1E+01		1.1E+01	
				3.0E-02	I					Dicamba	1918-00-9				1.1E+03		1.1E+03	
		4.2E-03	P					V		Dichloro-2-butene, 1,4-	764-41-0		1.2E-03	1.2E-03				
		4.2E-03	P					V		Dichloro-2-butene, cis-1,4-	1476-11-5		1.2E-03	1.2E-03				
		4.2E-03	P					V		Dichloro-2-butene, trans-1,4-	110-57-6		1.2E-03	1.2E-03				
5.0E-02	I			4.0E-03	I					Dichloroacetic Acid	79-43-6	1.3E+00		1.3E+00	1.5E+02		1.5E+02	6.0E+01
				9.0E-02	I	2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1				3.3E+03	4.2E+02	3.7E+02	6.0E+02
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	1.2E+01	4.4E-01	4.3E-01	2.6E+03	1.7E+03	1.0E+03	7.5E+01
4.5E-01	I	3.4E-04	C							Dichlorobenzidine, 3,3'-	91-94-1	1.5E-01		1.5E-01				
				9.0E-03	X					Dichlorobenzophenone, 4,4'-	90-98-2				3.3E+02		3.3E+02	
				2.0E-01	I	1.0E-01	X	V		Dichlorodifluoromethane	75-71-8				7.3E+03	2.1E+02	2.0E+02	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		Dichloroethane, 1,1-	75-34-3	1.2E+01	3.0E+00	2.4E+00	7.3E+03		7.3E+03	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2	7.4E-01	1.9E-01	1.5E-01	2.2E+02	1.5E+01	1.4E+01	5.0E+00
				5.0E-02	I	2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4				1.8E+03	4.2E+02	3.4E+02	7.0E+00
				9.0E-03	H			V		Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0				3.3E+02		3.3E+02	

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				2.0E-03	I			V		Dichloroethylene, 1,2-cis-	156-59-2				7.3E+01		7.3E+01	7.0E+01
				2.0E-02	I	6.0E-02	P	V		Dichloroethylene, 1,2-trans-	156-60-5				7.3E+02	1.3E+02	1.1E+02	1.0E+02
				3.0E-03	I					Dichlorophenol, 2,4-	120-83-2				1.1E+02		1.1E+02	
				1.0E-02	I					Dichlorophenoxy Acetic Acid, 2,4-	94-75-7				3.7E+02		3.7E+02	7.0E+01
				8.0E-03	I					Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6				2.9E+02		2.9E+02	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	1.9E+00	4.9E-01	3.9E-01	3.3E+03	8.3E+00	8.3E+00	5.0E+00
				2.0E-02	P			V		Dichloropropane, 1,3-	142-28-9				7.3E+02		7.3E+02	
				3.0E-03	I					Dichloropropanol, 2,3-	616-23-9				1.1E+02		1.1E+02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	6.7E-01	1.2E+00	4.3E-01	1.1E+03	4.2E+01	4.0E+01	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			Dichlorvos	62-73-7	2.3E-01		2.3E-01	1.8E+01		1.8E+01	
				8.0E-03	P	7.0E-03	P	V		Dicyclopentadiene	77-73-6				2.9E+02	1.5E+01	1.4E+01	
1.6E+01	I	4.6E-03	I	5.0E-05	I					Dieldrin	60-57-1	4.2E-03		4.2E-03	1.8E+00		1.8E+00	
		3.0E-04	C			5.0E-03	I			Diesel Engine Exhaust	NA							
						3.0E-03	C			Diethanolamine	111-42-2							
				8.0E-01	I					Diethyl Phthalate	84-66-2				2.9E+04		2.9E+04	
				3.0E-02	P	1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5				1.1E+03		1.1E+03	
				6.0E-02	P	3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0				2.2E+03		2.2E+03	
				1.0E-03	P					Diethylformamide	617-84-5				3.7E+01		3.7E+01	
3.5E+02	C	1.0E-01	C							Diethylstilbestrol	56-53-1	1.9E-04		1.9E-04				
				8.0E-02	I					Difenzoquat	43222-48-6				2.9E+03		2.9E+03	
				2.0E-02	I					Diflubenzuron	35367-38-5				7.3E+02		7.3E+02	
						4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6					8.3E+04	8.3E+04	
4.4E-02	C	1.3E-05	C							Dihydrosafrole	94-58-6	1.5E+00		1.5E+00				
						7.0E-01	P	V		Diisopropyl Ether	108-20-3					1.5E+03	1.5E+03	
				8.0E-02	I			V		Diisopropyl Methylphosphonate	1445-75-6				2.9E+03		2.9E+03	
				2.0E-02	I					Dimethipin	55290-64-7				7.3E+02		7.3E+02	
				2.0E-04	I					Dimethoate	60-51-5				7.3E+00		7.3E+00	
1.4E-02	H									Dimethoxybenzidine, 3,3'-	119-90-4	4.8E+00		4.8E+00				
1.7E-03	P			6.0E-02	P					Dimethyl methylphosphonate	756-79-6	4.0E+01		4.0E+01	2.2E+03		2.2E+03	
4.6E+00	C	1.3E-03	C							Dimethylamino azobenzene [p-]	60-11-7	1.5E-02		1.5E-02				
5.8E-01	H									Dimethylaniline HCl, 2,4-	21436-96-4	1.2E-01		1.2E-01				
2.0E-01	P			2.0E-03	X					Dimethylaniline, 2,4-	95-68-1	3.4E-01		3.4E-01	7.3E+01		7.3E+01	
				2.0E-03	I			V		Dimethylaniline, N,N-	121-69-7				7.3E+01		7.3E+01	
1.1E+01	P									Dimethylbenzidine, 3,3'-	119-93-7	6.1E-03		6.1E-03				
				1.0E-01	P	3.0E-02	I			Dimethylformamide	68-12-2				3.7E+03		3.7E+03	
				1.0E-04	X	2.0E-06	X			Dimethylhydrazine, 1,1-	57-14-7				3.7E+00		3.7E+00	
5.5E+02	C	1.6E-01	C							Dimethylhydrazine, 1,2-	540-73-8	1.2E-04		1.2E-04				
				2.0E-02	I					Dimethylphenol, 2,4-	105-67-9				7.3E+02		7.3E+02	
				6.0E-04	I					Dimethylphenol, 2,6-	576-26-1				2.2E+01		2.2E+01	
				1.0E-03	I					Dimethylphenol, 3,4-	95-65-8				3.7E+01		3.7E+01	
				1.0E-01	I			V		Dimethylterephthalate	120-61-6				3.7E+03		3.7E+03	
4.5E-02	C	1.3E-05	C							Dimethylvinylchloride	513-37-1	1.5E+00		1.5E+00				
				8.0E-05	X					Dinitro-o-cresol, 4,6-	534-52-1				2.9E+00		2.9E+00	
				2.0E-03	I					Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5				7.3E+01		7.3E+01	
				1.0E-04	P					Dinitrobenzene, 1,2-	528-29-0				3.7E+00		3.7E+00	
				1.0E-04	I					Dinitrobenzene, 1,3-	99-65-0				3.7E+00		3.7E+00	
				1.0E-04	P					Dinitrobenzene, 1,4-	100-25-4				3.7E+00		3.7E+00	
				2.0E-03	I					Dinitrophenol, 2,4-	51-28-5				7.3E+01		7.3E+01	
6.8E-01	I									Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	9.9E-02		9.9E-02				
3.1E-01	C	8.9E-05	C	2.0E-03	I					Dinitrotoluene, 2,4-	121-14-2	2.2E-01		2.2E-01	7.3E+01		7.3E+01	
				1.0E-03	P					Dinitrotoluene, 2,6-	606-20-2				3.7E+01		3.7E+01	
				2.0E-03	S					Dinitrotoluene, 2-Amino-4,6-	35572-78-2				7.3E+01		7.3E+01	
				2.0E-03	S					Dinitrotoluene, 4-Amino-2,6-	19406-51-0				7.3E+01		7.3E+01	
				1.0E-03	I					Dinoseb	88-85-7				3.7E+01		3.7E+01	7.0E+00

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			Dioxane, 1,4-	123-91-1	6.7E-01		6.7E-01	1.1E+03		1.1E+03	
										Dioxins								
6.2E+03	I	1.3E+00	I							~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.1E-05		1.1E-05				
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			~TCDD, 2,3,7,8-	1746-01-6	5.2E-07		5.2E-07	3.7E-05		3.7E-05	3.0E-05
				3.0E-02	I					Diphenamid	957-51-7				1.1E+03		1.1E+03	
				8.0E-04	X					Diphenyl Sulfone	127-63-9				2.9E+01		2.9E+01	
				2.5E-02	I					Diphenylamine	122-39-4				9.1E+02		9.1E+02	
8.0E-01	I	2.2E-04	I							Diphenylhydrazine, 1,2-	122-66-7	8.4E-02		8.4E-02				
				2.2E-03	I					Diquat	85-00-7				8.0E+01		8.0E+01	2.0E+01
7.4E+00	C	2.1E-03	C							Direct Black 38	1937-37-7	9.1E-03		9.1E-03				
7.4E+00	C	2.1E-03	C							Direct Blue 6	2602-46-2	9.1E-03		9.1E-03				
6.7E+00	C	1.9E-03	C							Direct Brown 95	16071-86-6	1.0E-02		1.0E-02				
				4.0E-05	I					Disulfoton	298-04-4				1.5E+00		1.5E+00	
				1.0E-02	I					Dithiane, 1,4-	505-29-3				3.7E+02		3.7E+02	
				2.0E-03	I					Diuron	330-54-1				7.3E+01		7.3E+01	
				4.0E-03	I					Dodine	2439-10-3				1.5E+02		1.5E+02	
				2.5E-02	I			V		EPTC	759-94-4				9.1E+02		9.1E+02	
				6.0E-03	I					Endosulfan	115-29-7				2.2E+02		2.2E+02	
				2.0E-02	I					Endothall	145-73-3				7.3E+02		7.3E+02	1.0E+02
				3.0E-04	I					Endrin	72-20-8				1.1E+01		1.1E+01	2.0E+00
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		Epichlorohydrin	106-89-8	6.8E+00	4.1E+00	2.5E+00	2.2E+02	2.1E+00	2.1E+00	
						2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7					4.2E+01	4.2E+01	
				5.0E-03	I					Ethephon	16672-87-0				1.8E+02		1.8E+02	
				5.0E-04	I					Ethion	563-12-2				1.8E+01		1.8E+01	
				1.0E-01	P	6.0E-02	P			Ethoxyethanol Acetate, 2-	111-15-9				3.7E+03		3.7E+03	
				4.0E-01	H	2.0E-01	I			Ethoxyethanol, 2-	110-80-5				1.5E+04		1.5E+04	
				9.0E-01	I			V		Ethyl Acetate	141-78-6				3.3E+04		3.3E+04	
4.8E-02	H							V		Ethyl Acrylate	140-88-5	1.4E+00		1.4E+00				
						1.0E+01	I	V		Ethyl Chloride	75-00-3					2.1E+04	2.1E+04	
				2.0E-01	I			V		Ethyl Ether	60-29-7				7.3E+03		7.3E+03	
				9.0E-02	H	3.0E-01	P	V		Ethyl Methacrylate	97-63-2				3.3E+03	6.3E+02	5.3E+02	
				1.0E-05	I					Ethyl-p-nitrophenyl Phosphonate	2104-64-5				3.7E-01		3.7E-01	
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		Ethylbenzene	100-41-4	6.1E+00	1.9E+00	1.5E+00	3.7E+03	2.1E+03	1.3E+03	7.0E+02
				3.0E-02	P					Ethylene Cyanohydrin	109-78-4				1.1E+03		1.1E+03	
				9.0E-02	P					Ethylene Diamine	107-15-3				3.3E+03		3.3E+03	
				2.0E+00	I	4.0E-01	C			Ethylene Glycol	107-21-1				7.3E+04		7.3E+04	
				1.0E-01	I	1.6E+00	I			Ethylene Glycol Monobutyl Ether	111-76-2				3.7E+03		3.7E+03	
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		Ethylene Oxide	75-21-8	2.2E-01	5.5E-02	4.4E-02		6.3E+01	6.3E+01	
4.5E-02	C	1.3E-05	C	8.0E-05	I					Ethylene Thiourea	96-45-7	1.5E+00		1.5E+00	2.9E+00		2.9E+00	
6.5E+01	C	1.9E-02	C							Ethyleneimine	151-56-4	1.0E-03		1.0E-03				
				3.0E+00	I					Ethylphthalyl Ethyl Glycolate	84-72-0				1.1E+05		1.1E+05	
				8.0E-03	I					Express	101200-48-0				2.9E+02		2.9E+02	
				2.5E-04	I					Fenamiphos	22224-92-6				9.1E+00		9.1E+00	
				2.5E-02	I					Fenpropathrin	39515-41-8				9.1E+02		9.1E+02	
				1.3E-02	I					Fluometuron	2164-17-2				4.7E+02		4.7E+02	
				4.0E-02	C	1.3E-02	C			Fluoride	16984-48-8				1.5E+03		1.5E+03	
				6.0E-02	I	1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4				2.2E+03		2.2E+03	4.0E+03
				8.0E-02	I					Fluridone	59756-60-4				2.9E+03		2.9E+03	
				2.0E-02	I					Flurprimidol	56425-91-3				7.3E+02		7.3E+02	
				6.0E-02	I					Flutolanil	66332-96-5				2.2E+03		2.2E+03	
				1.0E-02	I					Fluvalinate	69409-94-5				3.7E+02		3.7E+02	
3.5E-03	I			1.0E-01	I					Folpet	133-07-3	1.9E+01		1.9E+01	3.7E+03		3.7E+03	
1.9E-01	I									Fomesafen	72178-02-0	3.5E-01		3.5E-01				
				2.0E-03	I					Fonofos	944-22-9				7.3E+01		7.3E+01	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
		1.3E-05	I	2.0E-01	I	9.8E-03	A			Formaldehyde	50-00-0				7.3E+03		7.3E+03	
				9.0E-01	P	3.0E-04	X			Formic Acid	64-18-6				3.3E+04		3.3E+04	
				3.0E+00	I					Fosetyl-AL	39148-24-8				1.1E+05		1.1E+05	
										Furans								
				1.0E-03	X			V		~Dibenzofuran	132-64-9				3.7E+01		3.7E+01	
				1.0E-03	I			V		~Furan	110-00-9				3.7E+01		3.7E+01	
3.8E+00	H									Furazolidone	67-45-8	1.8E-02		1.8E-02				
				3.0E-03	I	5.0E-02	H			Furfural	98-01-1				1.1E+02		1.1E+02	
1.5E+00	C	4.3E-04	C							Furium	531-82-8	4.5E-02		4.5E-02				
3.0E-02	I	8.6E-06	C							Furmecyclox	60568-05-0	2.2E+00		2.2E+00				
				4.0E-04	I					Glufosinate, Ammonium	77182-82-2				1.5E+01		1.5E+01	
						8.0E-05	C			Glutaraldehyde	111-30-8							
				4.0E-04	I	1.0E-03	H			Glycidyl	765-34-4				1.5E+01		1.5E+01	
				1.0E-01	I					Glyphosate	1071-83-6				3.7E+03		3.7E+03	7.0E+02
				3.0E-03	I					Goal	42874-03-3				1.1E+02		1.1E+02	
				3.0E-03	A	1.0E-02	A			Guthion	86-50-0				1.1E+02		1.1E+02	
				5.0E-05	I					Haloxyfop, Methyl	69806-40-2				1.8E+00		1.8E+00	
				1.3E-02	I					Harmony	79277-27-3				4.7E+02		4.7E+02	
4.5E+00	I	1.3E-03	I	5.0E-04	I					Heptachlor	76-44-8	1.5E-02		1.5E-02	1.8E+01		1.8E+01	4.0E-01
9.1E+00	I	2.6E-03	I	1.3E-05	I					Heptachlor Epoxide	1024-57-3	7.4E-03		7.4E-03	4.7E-01		4.7E-01	2.0E-01
				2.0E-03	I					Hexabromobenzene	87-82-1				7.3E+01		7.3E+01	
				2.0E-04	I					Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2				7.3E+00		7.3E+00	
1.6E+00	I	4.6E-04	I	8.0E-04	I					Hexachlorobenzene	118-74-1	4.2E-02		4.2E-02	2.9E+01		2.9E+01	1.0E+00
7.8E-02	I	2.2E-05	I	1.0E-03	P					Hexachlorobutadiene	87-68-3	8.6E-01		8.6E-01	3.7E+01		3.7E+01	
6.3E+00	I	1.8E-03	I	8.0E-03	A					Hexachlorocyclohexane, Alpha-	319-84-6	1.1E-02		1.1E-02	2.9E+02		2.9E+02	
1.8E+00	I	5.3E-04	I							Hexachlorocyclohexane, Beta-	319-85-7	3.7E-02		3.7E-02				
1.1E+00	C	3.1E-04	C	3.0E-04	I					Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.1E-02		6.1E-02	1.1E+01		1.1E+01	2.0E-01
1.8E+00	I	5.1E-04	I							Hexachlorocyclohexane, Technical	608-73-1	3.7E-02		3.7E-02				
				6.0E-03	I	2.0E-04	I			Hexachlorocyclopentadiene	77-47-4				2.2E+02		2.2E+02	5.0E+01
1.4E-02	I	4.0E-06	I	1.0E-03	I					Hexachloroethane	67-72-1	4.8E+00		4.8E+00	3.7E+01		3.7E+01	
				3.0E-04	I					Hexachlorophene	70-30-4				1.1E+01		1.1E+01	
1.1E-01	I			3.0E-03	I					Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.1E-01		6.1E-01	1.1E+02		1.1E+02	
						1.0E-05	I	V		Hexamethylene Diisocyanate, 1,6-	822-06-0					2.1E-02	2.1E-02	
				6.0E-02	H	7.0E-01	I	V		Hexane, N-	110-54-3				2.2E+03	1.5E+03	8.8E+02	
				2.0E+00	P					Hexanedioic Acid	124-04-9				7.3E+04		7.3E+04	
				5.0E-03	I	3.0E-02	I	V		Hexanone, 2-	591-78-6				1.8E+02	6.3E+01	4.7E+01	
				3.3E-02	I					Hexazinone	51235-04-2				1.2E+03		1.2E+03	
3.0E+00	I	4.9E-03	I			3.0E-05	P			Hydrazine	302-01-2	2.2E-02		2.2E-02				
3.0E+00	I	4.9E-03	I							Hydrazine Sulfate	10034-93-2	2.2E-02		2.2E-02				
						2.0E-02	I			Hydrogen Chloride	7647-01-0							
				4.0E-02	C	1.4E-02	C			Hydrogen Fluoride	7664-39-3				1.5E+03		1.5E+03	
						2.0E-03	I			Hydrogen Sulfide	7783-06-4							
6.0E-02	P			4.0E-02	P					Hydroquinone	123-31-9	1.1E+00		1.1E+00	1.5E+03		1.5E+03	
				1.3E-02	I					Imazalil	35554-44-0				4.7E+02		4.7E+02	
				2.5E-01	I					Imazaquin	81335-37-7				9.1E+03		9.1E+03	
				1.0E-02	A					Iodine	7553-56-2				3.7E+02		3.7E+02	
				4.0E-02	I					Iprodione	36734-19-7				1.5E+03		1.5E+03	
				7.0E-01	P					Iron	7439-89-6				2.6E+04		2.6E+04	
				3.0E-01	I			V		Isobutyl Alcohol	78-83-1				1.1E+04		1.1E+04	
9.5E-04	I			2.0E-01	I	2.0E+00	C			Isophorone	78-59-1	7.1E+01		7.1E+01	7.3E+03		7.3E+03	
				1.5E-02	I					Isopropalin	33820-53-0				5.5E+02		5.5E+02	
						7.0E+00	C			Isopropanol	67-63-0							
				1.0E-01	I					Isopropyl Methyl Phosphonic Acid	1832-54-8				3.7E+03		3.7E+03	
				5.0E-02	I					Isoxaben	82558-50-7				1.8E+03		1.8E+03	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
						3.0E-01	A	V		JP-7	NA					6.3E+02	6.3E+02	
				7.5E-02	I					Kerb	23950-58-5				2.7E+03		2.7E+03	
				2.0E-03	I					Lactofen	77501-63-4				7.3E+01		7.3E+01	
										Lead Compounds								
2.8E-01	C	8.0E-05	C							~Lead acetate	301-04-2	2.4E-01		2.4E-01				
										~Lead and Compounds	7439-92-1							1.5E+01
3.8E-02	C	1.1E-05	C							~Lead subacetate	1335-32-6	1.8E+00		1.8E+00				
				1.0E-07	I					~Tetraethyl Lead	78-00-2				3.7E-03		3.7E-03	
				2.0E-03	I					Linuron	330-55-2				7.3E+01		7.3E+01	
				2.0E-03	P					Lithium	7439-93-2				7.3E+01		7.3E+01	
				2.0E-01	I					Londax	83055-99-6				7.3E+03		7.3E+03	
				5.0E-04	I					MCPA	94-74-6				1.8E+01		1.8E+01	
				1.0E-02	I					MCPB	94-81-5				3.7E+02		3.7E+02	
				1.0E-03	I					MCPP	93-65-2				3.7E+01		3.7E+01	
				2.0E-02	I					Malathion	121-75-5				7.3E+02		7.3E+02	
				1.0E-01	I	7.0E-04	C			Maleic Anhydride	108-31-6				3.7E+03		3.7E+03	
				5.0E-01	I					Maleic Hydrazide	123-33-1				1.8E+04		1.8E+04	
				1.0E-04	P					Malononitrile	109-77-3				3.7E+00		3.7E+00	
				3.0E-02	H					Mancozeb	8018-01-7				1.1E+03		1.1E+03	
				5.0E-03	I					Maneb	12427-38-2				1.8E+02		1.8E+02	
				1.4E-01	I	5.0E-05	I			Manganese (Diet)	7439-96-5							
				2.4E-02	S	5.0E-05	I			Manganese (Non-diet)	7439-96-5				8.8E+02		8.8E+02	
				9.0E-05	H					Mephosfolan	950-10-7				3.3E+00		3.3E+00	
				3.0E-02	I					Mepiquat Chloride	24307-26-4				1.1E+03		1.1E+03	
										Mercury Compounds								
				3.0E-04	I	3.0E-05	C			~Mercuric Chloride (and other Mercury salts)	7487-94-7				1.1E+01		1.1E+01	2.0E+00
						3.0E-04	I	V		~Mercury (elemental)	7439-97-6					6.3E-01	6.3E-01	2.0E+00
				1.0E-04	I					~Methyl Mercury	22967-92-6				3.7E+00		3.7E+00	
				8.0E-05	I					~Phenylmercuric Acetate	62-38-4				2.9E+00		2.9E+00	
				3.0E-05	I					Merphos	150-50-5				1.1E+00		1.1E+00	
				3.0E-05	I					Merphos Oxide	78-48-8				1.1E+00		1.1E+00	
				6.0E-02	I					Metalaxyl	57837-19-1				2.2E+03		2.2E+03	
				1.0E-04	I	7.0E-04	H	V		Methacrylonitrile	126-98-7				3.7E+00	1.5E+00	1.0E+00	
				5.0E-05	I					Methamidophos	10265-92-6				1.8E+00		1.8E+00	
				5.0E-01	I	4.0E+00	C			Methanol	67-56-1				1.8E+04		1.8E+04	
				1.0E-03	I					Methidathion	950-37-8				3.7E+01		3.7E+01	
				2.5E-02	I					Methomyl	16752-77-5				9.1E+02		9.1E+02	
4.9E-02	C	1.4E-05	C							Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+00		1.4E+00				
				5.0E-03	I					Methoxychlor	72-43-5				1.8E+02		1.8E+02	4.0E+01
				8.0E-03	P	1.0E-03	P			Methoxyethanol Acetate, 2-	110-49-6				2.9E+02		2.9E+02	
				5.0E-03	P	2.0E-02	I			Methoxyethanol, 2-	109-86-4				1.8E+02		1.8E+02	
				1.0E+00	X			V		Methyl Acetate	79-20-9				3.7E+04		3.7E+04	
				3.0E-02	H			V		Methyl Acrylate	96-33-3				1.1E+03		1.1E+03	
				6.0E-01	I	5.0E+00	I	V		Methyl Ethyl Ketone (2-Butanone)	78-93-3				2.2E+04	1.0E+04	7.1E+03	
		1.0E-03	X	1.0E-03	P	2.0E-05	X			Methyl Hydrazine	60-34-4				3.7E+01		3.7E+01	
				8.0E-02	H	3.0E+00	I	V		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				2.9E+03	6.3E+03	2.0E+03	
						1.0E-03	C			Methyl Isocyanate	624-83-9							
				1.4E+00	I	7.0E-01	I	V		Methyl Methacrylate	80-62-6				5.1E+04	1.5E+03	1.4E+03	
				2.5E-04	I					Methyl Parathion	298-00-0				9.1E+00		9.1E+00	
				6.0E-02	X					Methyl Phosphonic Acid	993-13-5				2.2E+03		2.2E+03	
				6.0E-03	H	4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4				2.2E+02	8.3E+01	6.0E+01	
9.9E-02	C	2.8E-05	C							Methyl methanesulfonate	66-27-3	6.8E-01		6.8E-01				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.7E+01	1.9E+01	1.2E+01		6.3E+03	6.3E+03	
				2.0E-04	X					Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2				7.3E+00		7.3E+00	

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9.0E-03	P			2.0E-02	X					Methyl-5-Nitroaniline, 2-	99-55-8	7.5E+00		7.5E+00	7.3E+02		7.3E+02	
8.3E+00	C	2.4E-03	C							Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.1E-03		8.1E-03				
1.3E-01	C	3.7E-05	C							Methylaniline Hydrochloride, 2-	636-21-5	5.2E-01		5.2E-01				
				1.0E-02	A					Methylarsonic acid	124-58-3				3.7E+02		3.7E+02	
				2.0E-04	X					Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7				7.3E+00		7.3E+00	
				2.0E-04	X					Methylbenzene-1,4-diamine sulfate, 2-	615-50-9				7.3E+00		7.3E+00	
2.2E+01	C	6.3E-03	C						M	Methylcholanthrene, 3-	56-49-5	9.8E-04		9.8E-04				
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		Methylene Chloride	75-09-2	9.0E+00	1.0E+01	4.8E+00	2.2E+03	2.2E+03	1.1E+03	5.0E+00
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.2E-01		2.2E-01	7.3E+01		7.3E+01	
4.6E-02	I	1.3E-05	C							Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+00		1.5E+00				
1.6E+00	C	4.6E-04	C			2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	4.2E-02		4.2E-02				
						6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8							
				7.0E-02	H			V		Methylstyrene, Alpha-	98-83-9				2.6E+03		2.6E+03	
				1.5E-01	I					Metolachlor	51218-45-2				5.5E+03		5.5E+03	
				2.5E-02	I					Metribuzin	21087-64-9				9.1E+02		9.1E+02	
				3.0E+00	P					Mineral oils	8012-95-1				1.1E+05		1.1E+05	
1.8E+01	C	5.1E-03	C	2.0E-04	I					Mirex	2385-85-5	3.7E-03		3.7E-03	7.3E+00		7.3E+00	
				2.0E-03	I					Molinate	2212-67-1				7.3E+01		7.3E+01	
				5.0E-03	I					Molybdenum	7439-98-7				1.8E+02		1.8E+02	
				1.0E-01	I					Monochloramine	10599-90-3				3.7E+03		3.7E+03	
				2.0E-03	P					Monomethylaniline	100-61-8				7.3E+01		7.3E+01	
				3.0E-04	X					N,N'-Diphenyl-1,4-benzenediamine	74-31-7				1.1E+01		1.1E+01	
				2.0E-03	I					Naled	300-76-5				7.3E+01		7.3E+01	
				3.0E-02	X	1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64724-95-6				1.1E+03	2.1E+02	1.8E+02	
1.8E+00	C	0.0E+00	C							Naphthylamine, 2-	91-59-8	3.7E-02		3.7E-02				
				1.0E-01	I					Napropamide	15299-99-7				3.7E+03		3.7E+03	
				5.0E-02	C	5.0E-05	C			Nickel Carbonyl	13463-39-3				1.8E+03		1.8E+03	
				5.0E-02	C	1.0E-04	C			Nickel Oxide	1313-99-1				1.8E+03		1.8E+03	
		2.4E-04	I	5.0E-02	C	5.0E-05	C			Nickel Refinery Dust	NA				1.8E+03		1.8E+03	
		2.6E-04	C	2.0E-02	I	9.0E-05	A			Nickel Soluble Salts	7440-02-0				7.3E+02		7.3E+02	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			Nickel Subsulfide	12035-72-2	4.0E-02		4.0E-02	1.8E+03		1.8E+03	
				1.6E+00	I					Nitrate	14797-55-8				5.8E+04		5.8E+04	1.0E+04
				1.0E-01	I					Nitrite	14797-65-0				3.7E+03		3.7E+03	1.0E+03
				1.0E-02	X	5.0E-05	X			Nitroaniline, 2-	88-74-4				3.7E+02		3.7E+02	
2.0E-02	P			4.0E-03	P	6.0E-03	P			Nitroaniline, 4-	100-01-6	3.4E+00		3.4E+00	1.5E+02		1.5E+02	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		Nitrobenzene	98-95-3		1.2E-01	1.2E-01	7.3E+01	1.9E+01	1.5E+01	
				3.0E+03	P					Nitrocellulose	9004-70-0				1.1E+08		1.1E+08	
				7.0E-02	H					Nitrofurantoin	67-20-9				2.6E+03		2.6E+03	
1.3E+00	C	3.7E-04	C							Nitrofurazone	59-87-0	5.2E-02		5.2E-02				
1.7E-02	P			1.0E-04	P					Nitroglycerin	55-63-0	4.0E+00		4.0E+00	3.7E+00		3.7E+00	
				1.0E-01	I					Nitroguanidine	556-88-7				3.7E+03		3.7E+03	
		9.0E-06	P			2.0E-02	P	V		Nitromethane	75-52-5		5.4E-01	5.4E-01		4.2E+01	4.2E+01	
		2.7E-03	H			2.0E-02	I	V		Nitropropane, 2-	79-46-9		1.8E-03	1.8E-03		4.2E+01	4.2E+01	
2.7E+01	C	7.7E-03	C						M	Nitroso-N-ethylurea, N-	759-73-9	8.0E-04		8.0E-04				
1.2E+02	C	3.4E-02	C						M	Nitroso-N-methylurea, N-	684-93-5	1.8E-04		1.8E-04				
5.4E+00	I	1.6E-03	I					V		Nitroso-di-N-butylamine, N-	924-16-3	1.2E-02	3.0E-03	2.4E-03				
7.0E+00	I	2.0E-03	C							Nitroso-di-N-propylamine, N-	621-64-7	9.6E-03		9.6E-03				
2.8E+00	I	8.0E-04	C							Nitrosodiethanolamine, N-	1116-54-7	2.4E-02		2.4E-02				
1.5E+02	I	4.3E-02	I						M	Nitrosodiethylamine, N-	55-18-5	1.4E-04		1.4E-04				
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	Nitrosodimethylamine, N-	62-75-9	4.2E-04		4.2E-04	2.9E-01		2.9E-01	
4.9E-03	I	2.6E-06	C							Nitrosodiphenylamine, N-	86-30-6	1.4E+01		1.4E+01				
2.2E+01	I	6.3E-03	C							Nitrosomethylethylamine, N-	10595-95-6	3.1E-03		3.1E-03				
6.7E+00	C	1.9E-03	C							Nitrosomorpholine [N-]	59-89-2	1.0E-02		1.0E-02				
9.4E+00	C	2.7E-03	C							Nitrosopiperidine [N-]	100-75-4	7.2E-03		7.2E-03				

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2.1E+00	I	6.1E-04	I							Nitrosopyrrolidine, N-	930-55-2	3.2E-02		3.2E-02				
				1.0E-04	X					Nitrotoluene, m-	99-08-1				3.7E+00		3.7E+00	
2.2E-01	P			9.0E-04	P			V		Nitrotoluene, o-	88-72-2	3.1E-01		3.1E-01	3.3E+01		3.3E+01	
1.6E-02	P			4.0E-03	P					Nitrotoluene, p-	99-99-0	4.2E+00		4.2E+00	1.5E+02		1.5E+02	
				3.0E-04	X	2.0E-01	P	V		Nonane, n-	111-84-2				1.1E+01	4.2E+02	1.1E+01	
				4.0E-02	I					Norflurazon	27314-13-2				1.5E+03		1.5E+03	
				7.0E-04	I					Nustar	85509-19-9				2.6E+01		2.6E+01	
				3.0E-03	I					Octabromodiphenyl Ether	32536-52-0				1.1E+02		1.1E+02	
				5.0E-02	I					Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0				1.8E+03		1.8E+03	
				2.0E-03	H					Octamethylpyrophosphoramide	152-16-9				7.3E+01		7.3E+01	
				5.0E-02	I					Oryzalin	19044-88-3				1.8E+03		1.8E+03	
				5.0E-03	I					Oxadiazon	19666-30-9				1.8E+02		1.8E+02	
				2.5E-02	I					Oxamyl	23135-22-0				9.1E+02		9.1E+02	2.0E+02
				1.3E-02	I					Paclobutrazol	76738-62-0				4.7E+02		4.7E+02	
				4.5E-03	I					Paraquat Dichloride	1910-42-5				1.6E+02		1.6E+02	
				6.0E-03	H					Parathion	56-38-2				2.2E+02		2.2E+02	
				5.0E-02	H					Pebulate	1114-71-2				1.8E+03		1.8E+03	
				4.0E-02	I					Pendimethalin	40487-42-1				1.5E+03		1.5E+03	
				2.0E-03	I					Pentabromodiphenyl Ether	32534-81-9				7.3E+01		7.3E+01	
				1.0E-04	I					Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9				3.7E+00		3.7E+00	
				8.0E-04	I					Pentachlorobenzene	608-93-5				2.9E+01		2.9E+01	
9.0E-02	P									Pentachloroethane	76-01-7	7.5E-01		7.5E-01				
2.6E-01	H			3.0E-03	I					Pentachloronitrobenzene	82-68-8	2.6E-01		2.6E-01	1.1E+02		1.1E+02	
4.0E-01	I	5.1E-06	C	5.0E-03	I					Pentachlorophenol	87-86-5	1.7E-01		1.7E-01	1.8E+02		1.8E+02	1.0E+00
4.0E-03	X			2.0E-03	P					Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+01		1.7E+01	7.3E+01		7.3E+01	
						1.0E+00	P	V		Pentane, n-	109-66-0					2.1E+03	2.1E+03	
										Perchlorates								
				7.0E-04	I					~Ammonium Perchlorate	7790-98-9				2.6E+01		2.6E+01	
				7.0E-04	I					~Lithium Perchlorate	7791-03-9				2.6E+01		2.6E+01	
				7.0E-04	I					~Perchlorate and Perchlorate Salts	14797-73-0				2.6E+01		2.6E+01	1.5E+01(F)
				7.0E-04	I					~Potassium Perchlorate	7778-74-7				2.6E+01		2.6E+01	
				7.0E-04	I					~Sodium Perchlorate	7601-89-0				2.6E+01		2.6E+01	
				5.0E-02	I					Permethrin	52645-53-1				1.8E+03		1.8E+03	
2.2E-03	C	6.3E-07	C							Phenacetin	62-44-2	3.1E+01		3.1E+01				
				2.5E-01	I					Phenmedipham	13684-63-4				9.1E+03		9.1E+03	
				3.0E-01	I	2.0E-01	C			Phenol	108-95-2				1.1E+04		1.1E+04	
				5.0E-04	X					Phenothiazine	92-84-2				1.8E+01		1.8E+01	
				6.0E-03	I					Phenylenediamine, m-	108-45-2				2.2E+02		2.2E+02	
4.7E-02	H									Phenylenediamine, o-	95-54-5	1.4E+00		1.4E+00				
				1.9E-01	H					Phenylenediamine, p-	106-50-3				6.9E+03		6.9E+03	
1.9E-03	H									Phenylphenol, 2-	90-43-7	3.5E+01		3.5E+01				
				2.0E-04	H					Phorate	298-02-2				7.3E+00		7.3E+00	
						3.0E-04	I	V		Phosgene	75-44-5							
				2.0E-02	I					Phosmet	732-11-6				7.3E+02		7.3E+02	
										Phosphates, Inorganic								
				4.9E+01	P					~Aluminum metaphosphate	13776-88-0				1.8E+06		1.8E+06	
				4.9E+01	P					~Ammonium polyphosphate	68333-79-9				1.8E+06		1.8E+06	
				4.9E+01	P					~Calcium pyrophosphate	7790-76-3				1.8E+06		1.8E+06	
				4.9E+01	P					~Diammonium phosphate	7783-28-0				1.8E+06		1.8E+06	
				4.9E+01	P					~Dicalcium phosphate	7757-93-9				1.8E+06		1.8E+06	
				4.9E+01	P					~Dimagnesium phosphate	7782-75-4				1.8E+06		1.8E+06	
				4.9E+01	P					~Dipotassium phosphate	7758-11-4				1.8E+06		1.8E+06	
				4.9E+01	P					~Disodium phosphate	7558-79-4				1.8E+06		1.8E+06	
				4.9E+01	P					~Monoaluminum phosphate	13530-50-2				1.8E+06		1.8E+06	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
				4.9E+01	P					~Monoammonium phosphate	7722-76-1				1.8E+06		1.8E+06	
				4.9E+01	P					~Monocalcium phosphate	7758-23-8				1.8E+06		1.8E+06	
				4.9E+01	P					~Monomagnesium phosphate	7757-86-0				1.8E+06		1.8E+06	
				4.9E+01	P					~Monopotassium phosphate	7778-77-0				1.8E+06		1.8E+06	
				4.9E+01	P					~Monosodium phosphate	7558-80-7				1.8E+06		1.8E+06	
				4.9E+01	P					~Polyphosphoric acid	8017-16-1				1.8E+06		1.8E+06	
				4.9E+01	P					~Potassium tripolyphosphate	13845-36-8				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium acid pyrophosphate	7758-16-9				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium aluminum phosphate (acidic)	7785-88-8				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium aluminum phosphate (anhydrous)	10279-59-1				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium aluminum phosphate (tetrahydrate)	10305-76-7				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium hexametaphosphate	10124-56-8				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium polyphosphate	68915-31-1				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium trimetaphosphate	7785-84-4				1.8E+06		1.8E+06	
				4.9E+01	P					~Sodium tripolyphosphate	7758-29-4				1.8E+06		1.8E+06	
				4.9E+01	P					~Tetrapotassium phosphate	7320-34-5				1.8E+06		1.8E+06	
				4.9E+01	P					~Tetrasodium pyrophosphate	7722-88-5				1.8E+06		1.8E+06	
				4.9E+01	P					~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5				1.8E+06		1.8E+06	
				4.9E+01	P					~Tricalcium phosphate	7758-87-4				1.8E+06		1.8E+06	
				4.9E+01	P					~Trimagnesium phosphate	7757-87-1				1.8E+06		1.8E+06	
				4.9E+01	P					~Tripotassium phosphate	7778-53-2				1.8E+06		1.8E+06	
				4.9E+01	P					~Trisodium phosphate	7601-54-9				1.8E+06		1.8E+06	
				3.0E-04	I	3.0E-04	I			Phosphine	7803-51-2				1.1E+01		1.1E+01	
				4.9E+01	P	1.0E-02	I			Phosphoric Acid	7664-38-2				1.8E+06		1.8E+06	
				2.0E-05	I					Phosphorus, White	7723-14-0				7.3E-01		7.3E-01	
				1.0E+00	H					Phthalic Acid, P-	100-21-0				3.7E+04		3.7E+04	
				2.0E+00	I	2.0E-02	C			Phthalic Anhydride	85-44-9				7.3E+04		7.3E+04	
				7.0E-02	I					Picloram	1918-02-1				2.6E+03		2.6E+03	5.0E+02
				1.0E-04	X					Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3				3.7E+00		3.7E+00	
				1.0E-02	I					Pirimiphos, Methyl	29232-93-7				3.7E+02		3.7E+02	
3.0E+01	C	8.6E-03	C	7.0E-06	H					Polybrominated Biphenyls	59536-65-1	2.2E-03		2.2E-03	2.6E-01		2.6E-01	
										Polychlorinated Biphenyls (PCBs)								
7.0E-02	S	2.0E-05	S	7.0E-05	I					~Aroclor 1016	12674-11-2	9.6E-01		9.6E-01	2.6E+00		2.6E+00	
2.0E+00	S	5.7E-04	S					V		~Aroclor 1221	11104-28-2	3.4E-02	8.5E-03	6.8E-03				
2.0E+00	S	5.7E-04	S					V		~Aroclor 1232	11141-16-5	3.4E-02	8.5E-03	6.8E-03				
2.0E+00	S	5.7E-04	S							~Aroclor 1242	53469-21-9	3.4E-02		3.4E-02				
2.0E+00	S	5.7E-04	S							~Aroclor 1248	12672-29-6	3.4E-02		3.4E-02				
2.0E+00	S	5.7E-04	S	2.0E-05	I					~Aroclor 1254	11097-69-1	3.4E-02		3.4E-02	7.3E-01		7.3E-01	
2.0E+00	S	5.7E-04	S							~Aroclor 1260	11096-82-5	3.4E-02		3.4E-02				
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.7E-05		1.7E-05	1.2E-03		1.2E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.7E-02		1.7E-02	1.2E+00		1.2E+00	
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	5.2E-06		5.2E-06	3.7E-04		3.7E-04	
2.0E+00	I	5.7E-04	I							~Polychlorinated Biphenyls (high risk)	1336-36-3							
4.0E-01	I	1.0E-04	I							~Polychlorinated Biphenyls (low risk)	1336-36-3	1.7E-01		1.7E-01				5.0E-01
7.0E-02	I	2.0E-05	I							~Polychlorinated Biphenyls (lowest risk)	1336-36-3							
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	5.2E-03		5.2E-03	3.7E-01		3.7E-01	
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.7E-03		1.7E-03	1.2E-01		1.2E-01	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
						6.0E-04	I			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							
										Polynuclear Aromatic Hydrocarbons (PAHs)								
				6.0E-02	I			V		~Acenaphthene	83-32-9				2.2E+03		2.2E+03	
				3.0E-01	I			V		~Anthracene	120-12-7				1.1E+04		1.1E+04	
7.3E-01	E	1.1E-04	C						M	~Benz[a]anthracene	56-55-3	2.9E-02		2.9E-02				
1.2E+00	C	1.1E-04	C							~Benzo(j)fluoranthene	205-82-3	5.6E-02		5.6E-02				
7.3E+00	I	1.1E-03	C						M	~Benzo[a]pyrene	50-32-8	2.9E-03		2.9E-03				2.0E-01
7.3E-01	E	1.1E-04	C						M	~Benzo[b]fluoranthene	205-99-2	2.9E-02		2.9E-02				
7.3E-02	E	1.1E-04	C						M	~Benzo[k]fluoranthene	207-08-9	2.9E-01		2.9E-01				
7.3E-03	E	1.1E-05	C						M	~Chrysene	218-01-9	2.9E+00		2.9E+00				
7.3E+00	E	1.2E-03	C						M	~Dibenz[a,h]anthracene	53-70-3	2.9E-03		2.9E-03				
1.2E+01	C	1.1E-03	C							~Dibenzo(a,e)pyrene	192-65-4	5.6E-03		5.6E-03				
2.5E+02	C	7.1E-02	C						M	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	8.6E-05		8.6E-05				
				4.0E-02	I					~Fluoranthene	206-44-0				1.5E+03		1.5E+03	
				4.0E-02	I			V		~Fluorene	86-73-7				1.5E+03		1.5E+03	
7.3E-01	E	1.1E-04	C						M	~Indeno[1,2,3-cd]pyrene	193-39-5	2.9E-02		2.9E-02				
2.9E-02	P			7.0E-02	A			V		~Methylnaphthalene, 1-	90-12-0	2.3E+00		2.3E+00	2.6E+03		2.6E+03	
				4.0E-03	I			V		~Methylnaphthalene, 2-	91-57-6				1.5E+02		1.5E+02	
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		~Naphthalene	91-20-3		1.4E-01	1.4E-01	7.3E+02	6.3E+00	6.2E+00	
1.2E+00	C	1.1E-04	C							~Nitropyrene, 4-	57835-92-4	5.6E-02		5.6E-02				
				3.0E-02	I			V		~Pyrene	129-00-0				1.1E+03		1.1E+03	
1.5E-01	I			9.0E-03	I					Prochloraz	67747-09-5	4.5E-01		4.5E-01	3.3E+02		3.3E+02	
				6.0E-03	H					Profluralin	26399-36-0				2.2E+02		2.2E+02	
				1.5E-02	I					Prometon	1610-18-0				5.5E+02		5.5E+02	
				4.0E-03	I					Prometryn	7287-19-6				1.5E+02		1.5E+02	
				1.3E-02	I					Propachlor	1918-16-7				4.7E+02		4.7E+02	
				5.0E-03	I					Propanil	709-98-8				1.8E+02		1.8E+02	
				2.0E-02	I					Propargite	2312-35-8				7.3E+02		7.3E+02	
				2.0E-03	I					Propargyl Alcohol	107-19-7				7.3E+01		7.3E+01	
				2.0E-02	I					Propazine	139-40-2				7.3E+02		7.3E+02	
				2.0E-02	I					Propham	122-42-9				7.3E+02		7.3E+02	
				1.3E-02	I					Propiconazole	60207-90-1				4.7E+02		4.7E+02	
						8.0E-03	I	V		Propionaldehyde	123-38-6					1.7E+01	1.7E+01	
				1.0E-01	X	1.0E+00	X	V		Propyl benzene	103-65-1				3.7E+03	2.1E+03	1.3E+03	
						3.0E+00	C			Propylene	115-07-1							
				2.0E+01	P					Propylene Glycol	57-55-6				7.3E+05		7.3E+05	
						2.7E-04	A	V		Propylene Glycol Dinitrate	6423-43-4					5.7E-01	5.7E-01	
				7.0E-01	H					Propylene Glycol Monoethyl Ether	1569-02-4				2.6E+04		2.6E+04	
				7.0E-01	H	2.0E+00	I			Propylene Glycol Monomethyl Ether	107-98-2				2.6E+04		2.6E+04	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		Propylene Oxide	75-56-9	2.8E-01	1.3E+00	2.3E-01		6.3E+01	6.3E+01	
				2.5E-01	I					Pursuit	81335-77-5				9.1E+03		9.1E+03	
				2.5E-02	I					Pydrin	51630-58-1				9.1E+02		9.1E+02	
				1.0E-03	I			V		Pyridine	110-86-1				3.7E+01		3.7E+01	
				5.0E-04	I					Quinalphos	13593-03-8				1.8E+01		1.8E+01	
3.0E+00	I									Quinoline	91-22-5	2.2E-02		2.2E-02				
						3.0E-02	A			Refractory Ceramic Fibers	NA							
				3.0E-02	I					Resmethrin	10453-86-8				1.1E+03		1.1E+03	
				5.0E-02	H					Ronnel	299-84-3				1.8E+03		1.8E+03	
				4.0E-03	I					Rotenone	83-79-4				1.5E+02		1.5E+02	
2.2E-01	C	6.3E-05	C						M	Safrole	94-59-7	9.8E-02		9.8E-02				
				2.5E-02	I					Savey	78587-05-0				9.1E+02		9.1E+02	
				5.0E-03	I					Selenious Acid	7783-00-8				1.8E+02		1.8E+02	
				5.0E-03	I	2.0E-02	C			Selenium	7782-49-2				1.8E+02		1.8E+02	5.0E+01
				5.0E-03	C	2.0E-02	C			Selenium Sulfide	7446-34-6				1.8E+02		1.8E+02	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
				9.0E-02	I					Sethoxydim	74051-80-2				3.3E+03		3.3E+03	
						3.0E-03	C			Silica (crystalline, respirable)	7631-86-9							
				5.0E-03	I					Silver	7440-22-4				1.8E+02		1.8E+02	
1.2E-01	H			5.0E-03	I					Simazine	122-34-9	5.6E-01		5.6E-01	1.8E+02		1.8E+02	4.0E+00
				1.3E-02	I					Sodium Acifluorfen	62476-59-9				4.7E+02		4.7E+02	
				4.0E-03	I					Sodium Azide	26628-22-8				1.5E+02		1.5E+02	
2.7E-01	H			3.0E-02	I					Sodium Diethyldithiocarbamate	148-18-5	2.5E-01		2.5E-01	1.1E+03		1.1E+03	
				5.0E-02	A	1.3E-02	C			Sodium Fluoride	7681-49-4				1.8E+03		1.8E+03	
				2.0E-05	I					Sodium Fluoroacetate	62-74-8				7.3E-01		7.3E-01	
				1.0E-03	H					Sodium Metavanadate	13718-26-8				3.7E+01		3.7E+01	
2.4E-02	H			3.0E-02	I					Stirofos (Tetrachlorovinphos)	961-11-5	2.8E+00		2.8E+00	1.1E+03		1.1E+03	
				6.0E-01	I					Strontium, Stable	7440-24-6				2.2E+04		2.2E+04	
				3.0E-04	I					Strychnine	57-24-9				1.1E+01		1.1E+01	
				2.0E-01	I	1.0E+00	I	V		Styrene	100-42-5				7.3E+03	2.1E+03	1.6E+03	1.0E+02
				8.0E-04	P					Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9				2.9E+01		2.9E+01	
						1.0E-03	C			Sulfuric Acid	7664-93-9							
				2.5E-02	I					Systhane	88671-89-0				9.1E+02		9.1E+02	
				3.0E-02	H					TCMTB	21564-17-0				1.1E+03		1.1E+03	
				7.0E-02	I					Tebuthiuron	34014-18-1				2.6E+03		2.6E+03	
				2.0E-02	H					Temephos	3383-96-8				7.3E+02		7.3E+02	
				1.3E-02	I					Terbacil	5902-51-2				4.7E+02		4.7E+02	
				2.5E-05	H					Terbufos	13071-79-9				9.1E-01		9.1E-01	
				1.0E-03	I					Terbutryn	886-50-0				3.7E+01		3.7E+01	
				1.0E-04	I					Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1				3.7E+00		3.7E+00	
				3.0E-04	I					Tetrachlorobenzene, 1,2,4,5-	95-94-3				1.1E+01		1.1E+01	
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E+00	6.6E-01	5.2E-01	1.1E+03		1.1E+03	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		Tetrachloroethane, 1,1,2,2-	79-34-5	3.4E-01	8.4E-02	6.7E-02	7.3E+02		7.3E+02	
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		Tetrachloroethylene	127-18-4	1.2E-01	8.2E-01	1.1E-01	3.7E+02	5.7E+02	2.2E+02	5.0E+00
				3.0E-02	I					Tetrachlorophenol, 2,3,4,6-	58-90-2				1.1E+03		1.1E+03	
2.0E+01	H									Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.4E-03		3.4E-03				
				5.0E-04	I					Tetraethyl Dithiopyrophosphate	3689-24-5				1.8E+01		1.8E+01	
						8.0E+01	I	V		Tetrafluoroethane, 1,1,1,2-	811-97-2					1.7E+05	1.7E+05	
				4.0E-03	P					Tetryl (Trinitrophenylmethylnitramine)	479-45-8				1.5E+02		1.5E+02	
				1.0E-05	X					Thallium (Soluble Salts)	7440-28-0				3.7E-01		3.7E-01	2.0E+00
				1.0E-02	I					Thiobencarb	28249-77-6				3.7E+02		3.7E+02	
				7.0E-02	X					Thiodiglycol	111-48-8				2.6E+03		2.6E+03	
				3.0E-04	H					Thiofanox	39196-18-4				1.1E+01		1.1E+01	
				8.0E-02	I					Thiophanate, Methyl	23564-05-8				2.9E+03		2.9E+03	
				5.0E-03	I					Thiram	137-26-8				1.8E+02		1.8E+02	
				6.0E-01	H					Tin	7440-31-5				2.2E+04		2.2E+04	
						1.0E-04	A			Titanium Tetrachloride	7550-45-0							
				8.0E-02	I	5.0E+00	I	V		Toluene	108-88-3				2.9E+03	1.0E+04	2.3E+03	1.0E+03
1.8E-01	X			1.0E-04	X					Toluene-2,5-diamine	95-70-5	3.7E-01		3.7E-01	3.7E+00		3.7E+00	
1.9E-01	H									Toluidine, p-	106-49-0	3.5E-01		3.5E-01				
1.1E+00	I	3.2E-04	I							Toxaphene	8001-35-2	6.1E-02		6.1E-02				3.0E+00
				7.5E-03	I					Tralomethrin	66841-25-6				2.7E+02		2.7E+02	
				3.0E-04	A					Tri-n-butyltin	688-73-3				1.1E+01		1.1E+01	
				1.3E-02	I					Triallate	2303-17-5				4.7E+02		4.7E+02	
				1.0E-02	I					Triasulfuron	82097-50-5				3.7E+02		3.7E+02	
				5.0E-03	I					Tribromobenzene, 1,2,4-	615-54-3				1.8E+02		1.8E+02	
9.0E-03	P			1.0E-02	P					Tributyl Phosphate	126-73-8	7.5E+00		7.5E+00	3.7E+02		3.7E+02	
				3.0E-04	P					Tributyltin Compounds	NA				1.1E+01		1.1E+01	
				3.0E-04	I					Tributyltin Oxide	56-35-9				1.1E+01		1.1E+01	
				3.0E+01	I	3.0E+01	H	V		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				1.1E+06	6.3E+04	5.9E+04	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)
										Trichloroacetic Acid	76-03-9							6.0E+01
2.9E-02	H									Trichloroaniline HCl, 2,4,6-	33663-50-2	2.3E+00		2.3E+00				
7.0E-03	X			3.0E-05	X					Trichloroaniline, 2,4,6-	634-93-5	9.6E+00		9.6E+00	1.1E+00		1.1E+00	
				8.0E-04	X			V		Trichlorobenzene, 1,2,3-	87-61-6				2.9E+01		2.9E+01	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1	2.3E+00		2.3E+00	3.7E+02	4.2E+00	4.1E+00	7.0E+01
				2.0E+00	I	5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6				7.3E+04	1.0E+04	9.1E+03	2.0E+02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	1.2E+00	3.0E-01	2.4E-01	1.5E+02	4.2E-01	4.2E-01	5.0E+00
5.9E-03	C	2.0E-06	C			1.0E-02	Y	V		Trichloroethylene	79-01-6	1.1E+01	2.4E+00	2.0E+00		2.1E+01	2.1E+01	5.0E+00
				3.0E-01	I	7.0E-01	H	V		Trichlorofluoromethane	75-69-4				1.1E+04	1.5E+03	1.3E+03	
				1.0E-01	I					Trichlorophenol, 2,4,5-	95-95-4				3.7E+03		3.7E+03	
1.1E-02	I	3.1E-06	I	1.0E-03	P					Trichlorophenol, 2,4,6-	88-06-2	6.1E+00		6.1E+00	3.7E+01		3.7E+01	
				1.0E-02	I					Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5				3.7E+02		3.7E+02	
				8.0E-03	I					Trichlorophenoxypropionic acid, -2,4,5	93-72-1				2.9E+02		2.9E+02	5.0E+01
				5.0E-03	I			V		Trichloropropane, 1,1,2-	598-77-6				1.8E+02		1.8E+02	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4	7.2E-04		7.2E-04	1.5E+02	6.3E-01	6.2E-01	
				3.0E-03	X	3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5				1.1E+02	6.3E-01	6.2E-01	
				3.0E-03	I					Tridiphane	58138-08-2				1.1E+02		1.1E+02	
						7.0E-03	I	V		Triethylamine	121-44-8					1.5E+01	1.5E+01	
7.7E-03	I			7.5E-03	I					Trifluralin	1582-09-8	8.7E+00		8.7E+00	2.7E+02		2.7E+02	
2.0E-02	P			1.0E-02	P					Trimethyl Phosphate	512-56-1	3.4E+00		3.4E+00	3.7E+02		3.7E+02	
						5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8					1.0E+01	1.0E+01	
						7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6					1.5E+01	1.5E+01	
				1.0E-02	X			V		Trimethylbenzene, 1,3,5-	108-67-8				3.7E+02		3.7E+02	
				3.0E-02	I					Trinitrobenzene, 1,3,5-	99-35-4				1.1E+03		1.1E+03	
3.0E-02	I			5.0E-04	I					Trinitrotoluene, 2,4,6-	118-96-7	2.2E+00		2.2E+00	1.8E+01		1.8E+01	
				2.0E-02	P					Triphenylphosphine Oxide	791-28-6				7.3E+02		7.3E+02	
2.0E-02	P			7.0E-03	P					Tris(2-chloroethyl)phosphate	115-96-8	3.4E+00		3.4E+00	2.6E+02		2.6E+02	
3.2E-03	P			1.0E-01	P					Tris(2-ethylhexyl)phosphate	78-42-2	2.1E+01		2.1E+01	3.7E+03		3.7E+03	
				3.0E-03	I	3.0E-04	A			Uranium (Soluble Salts)	NA				1.1E+02		1.1E+02	3.0E+01
1.0E+00	C	2.9E-04	C						M	Urethane	51-79-6	2.2E-02		2.2E-02				
		8.3E-03	P	9.0E-03	I	7.0E-06	P			Vanadium Pentoxide	1314-62-1				3.3E+02		3.3E+02	
				2.0E-02	H					Vanadium Sulfate	36907-42-3				7.3E+02		7.3E+02	
				5.0E-03	S					Vanadium and Compounds	NA				1.8E+02		1.8E+02	
				1.0E-03	I					Vernolate	1929-77-7				3.7E+01		3.7E+01	
				2.5E-02	I					Vinclozolin	50471-44-8				9.1E+02		9.1E+02	
				1.0E+00	H	2.0E-01	I	V		Vinyl Acetate	108-05-4				3.7E+04	4.2E+02	4.1E+02	
		3.2E-05	H			3.0E-03	I	V		Vinyl Bromide	593-60-2		1.5E-01	1.5E-01		6.3E+00	6.3E+00	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	1.7E-02	3.2E-01	1.6E-02	1.1E+02	2.1E+02	7.2E+01	2.0E+00
				3.0E-04	I					Warfarin	81-81-2				1.1E+01		1.1E+01	
				2.0E-01	S	1.0E-01	S	V		Xylene, P-	106-42-3				7.3E+03	2.1E+02	2.0E+02	
				2.0E-01	S	1.0E-01	S	V		Xylene, m-	108-38-3				7.3E+03	2.1E+02	2.0E+02	
				2.0E-01	S	1.0E-01	S	V		Xylene, o-	95-47-6				7.3E+03	2.1E+02	2.0E+02	
				2.0E-01	I	1.0E-01	I	V		Xylenes	1330-20-7				7.3E+03	2.1E+02	2.0E+02	1.0E+04
				3.0E-04	I					Zinc Phosphide	1314-84-7				1.1E+01		1.1E+01	
				3.0E-01	I					Zinc and Compounds	7440-66-6				1.1E+04		1.1E+04	
				5.0E-02	I					Zineb	12122-67-7				1.8E+03		1.8E+03	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	vo c	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I					ALAR	1596-84-5	3.7E+00		3.7E+00	5.5E+03		5.5E+03		8.2E-04	
8.7E-03	I			4.0E-03	I					Acephate	30560-19-1	7.7E+00		7.7E+00	1.5E+02		1.5E+02		1.7E-03	
		2.2E-06	I			9.0E-03	I	V		Acetaldehyde	75-07-0		2.2E+00	2.2E+00		1.9E+01	1.9E+01		4.5E-04	
				2.0E-02	I					Acetochlor	34256-82-1				7.3E+02		7.3E+02		5.8E-01	
				9.0E-01	I	3.1E+01	A	V		Acetone	67-64-1				3.3E+04	6.4E+04	2.2E+04		4.5E+00	
				3.0E-03	P	6.0E-02	P	V		Acetone Cyanohydrin	75-86-5				1.1E+02	1.3E+02	5.8E+01		1.2E-02	
						6.0E-02	I	V		Acetonitrile	75-05-8					1.3E+02	1.3E+02		2.6E-02	
				1.0E-01	I			V		Acetophenone	98-86-2				3.7E+03		3.7E+03		1.1E+00	
3.8E+00	C	1.3E-03	C							Acetylaminofluorene, 2-	53-96-3	1.8E-02		1.8E-02					8.2E-05	
				5.0E-04	I	2.0E-05	I	V		Acrolein	107-02-8				1.8E+01	4.2E-02	4.2E-02		8.4E-06	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I			Acrylamide	79-06-1	1.3E-01		1.3E-01	7.3E+01		7.3E+01		2.8E-05	
				5.0E-01	I	1.0E-03	I			Acrylic Acid	79-10-7				1.8E+04		1.8E+04		3.7E+00	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		Acrylonitrile	107-13-1	1.2E-01	7.2E-02	4.5E-02	1.5E+03	4.2E+00	4.2E+00		9.9E-06	
						6.0E-03	P			Adiponitrile	111-69-3									
5.6E-02	C			1.0E-02	I					Alachlor	15972-60-8	1.2E+00		1.2E+00	3.7E+02		3.7E+02	2.0E+00	9.9E-04	1.6E-03
				1.0E-03	I					Aldicarb	116-06-3				3.7E+01		3.7E+01		9.1E-03	
				1.0E-03	I					Aldicarb Sulfone	1646-88-4				3.7E+01		3.7E+01		8.0E-03	
1.7E+01	I	4.9E-03	I	3.0E-05	I					Aldrin	309-00-2	4.0E-03		4.0E-03	1.1E+00		1.1E+00		6.5E-04	
				2.5E-01	I					Ally	74223-64-6				9.1E+03		9.1E+03		3.5E+00	
				5.0E-03	I	1.0E-04	X			Allyl Alcohol	107-18-6				1.8E+02		1.8E+02		3.7E-02	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		Allyl Chloride	107-05-1	3.2E+00	8.1E-01	6.5E-01		2.1E+00	2.1E+00		2.1E-04	
				1.0E+00	P	5.0E-03	P			Aluminum	7429-90-5				3.7E+04		3.7E+04		5.5E+04	
				4.0E-04	I					Aluminum Phosphide	20859-73-8				1.5E+01		1.5E+01			
				3.0E-04	I					Amdro	67485-29-4				1.1E+01		1.1E+01		3.9E+03	
				9.0E-03	I					Ametryn	834-12-8				3.3E+02		3.3E+02		3.5E-01	
2.1E+01	C	6.0E-03	C							Aminobiphenyl, 4-	92-67-1	3.2E-03		3.2E-03					1.6E-05	
				8.0E-02	P					Aminophenol, m-	591-27-5				2.9E+03		2.9E+03		1.1E+00	
				2.0E-02	P					Aminophenol, p-	123-30-8				7.3E+02		7.3E+02		2.8E-01	
				2.5E-03	I					Amitraz	33089-61-1				9.1E+01		9.1E+01		4.7E+01	
						1.0E-01	I			Ammonia	7664-41-7									
				2.0E-01	I					Ammonium Sulfamate	7773-06-0				7.3E+03		7.3E+03			
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			Aniline	62-53-3	1.2E+01		1.2E+01	2.6E+02		2.6E+02		4.0E-03	
4.0E-02	P			2.0E-03	X					Anthraquinone, 9,10-	84-65-1	1.7E+00		1.7E+00	7.3E+01		7.3E+01			
				4.0E-04	I					Antimony (metallic)	7440-36-0				1.5E+01		1.5E+01	6.0E+00	6.6E-01	2.7E-01
				5.0E-04	H					Antimony Pentoxide	1314-60-9				1.8E+01		1.8E+01			
				9.0E-04	H					Antimony Potassium Tartrate	11071-15-1				3.3E+01		3.3E+01			
				4.0E-04	H					Antimony Tetroxide	1332-81-6				1.5E+01		1.5E+01			
						2.0E-04	I			Antimony Trioxide	1309-64-4									
				1.3E-02	I					Apollo	74115-24-5				4.7E+02		4.7E+02		2.9E+01	
2.5E-02	I	7.1E-06	I	5.0E-02	H					Aramite	140-57-8	2.7E+00		2.7E+00	1.8E+03		1.8E+03		3.0E-02	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	4.5E-02		4.5E-02	1.1E+01		1.1E+01	1.0E+01	1.3E-03	2.9E-01
				3.5E-06	C	5.0E-05	I			Arsine	7784-42-1				1.3E-01		1.3E-01			
				9.0E-03	I					Assure	76578-14-8				3.3E+02		3.3E+02		5.1E+00	
				5.0E-02	I					Asulam	3337-71-1				1.8E+03		1.8E+03		4.7E-01	
2.3E-01	C			3.5E-02	I					Atrazine	1912-24-9	2.9E-01		2.9E-01	1.3E+03		1.3E+03	3.0E+00	1.9E-04	1.9E-03
8.8E-01	C	2.5E-04	C							Auramine	492-80-8	7.6E-02		7.6E-02					7.0E-04	
				4.0E-04	I					Avermectin B1	65195-55-3				1.5E+01		1.5E+01		2.6E+01	
1.1E-01	I	3.1E-05	I					V		Azobenzene	103-33-3	6.1E-01	1.6E-01	1.2E-01					9.6E-04	
				2.0E-01	I	5.0E-04	H			Barium	7440-39-3				7.3E+03		7.3E+03	2.0E+03	3.0E+02	8.2E+01
				4.0E-03	I					Baygon	114-26-1				1.5E+02		1.5E+02		4.7E-02	
				3.0E-02	I					Bayleton	43121-43-3				1.1E+03		1.1E+03		8.7E-01	
				2.5E-02	I					Baythroid	68359-37-5				9.1E+02		9.1E+02		2.4E+02	
				3.0E-01	I					Benefin	1861-40-1				1.1E+04		1.1E+04		3.6E+02	
				5.0E-02	I					Benomyl	17804-35-2				1.8E+03		1.8E+03		1.6E+00	
				3.0E-02	I					Bentazon	25057-89-0				1.1E+03		1.1E+03		2.4E-01	
				1.0E-01	I			V		Benzaldehyde	100-52-7				3.7E+03		3.7E+03		8.1E-01	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		Benzene	71-43-2	1.2E+00	6.2E-01	4.1E-01	1.5E+02	6.3E+01	4.4E+01	5.0E+00	2.1E-04	2.6E-03
				2.0E-04	X					Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1				7.3E+00		7.3E+00			
				1.0E-03	P			V		Benzenethiol	108-98-5				3.7E+01		3.7E+01		2.4E-02	
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	Benzidine	92-87-5	9.4E-05		9.4E-05	1.1E+02		1.1E+02		2.4E-07	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				4.0E+00	I					Benzoic Acid	65-85-0				1.5E+05		1.5E+05		3.4E+01	
1.3E+01	I							V		Benzotrichloride	98-07-7	5.2E-03		5.2E-03					1.1E-05	
				1.0E-01	P					Benzyl Alcohol	100-51-6				3.7E+03		3.7E+03		8.9E-01	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		Benzyl Chloride	100-44-7	4.0E-01	9.9E-02	7.9E-02	7.3E+01	2.1E+00	2.0E+00		8.7E-05	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7				7.3E+01		7.3E+01	4.0E+00	5.8E+01	3.2E+00
				1.0E-04	I					Bidrin	141-66-2				3.7E+00		3.7E+00		8.5E-04	
				9.0E-03	P					Bifenox	42576-02-3				3.3E+02		3.3E+02		2.5E+00	
				1.5E-02	I					Biphenthrin	82657-04-3				5.5E+02		5.5E+02		2.5E+03	
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4	8.4E+00		8.4E+00	1.8E+03	8.3E-01	8.3E-01		8.7E-03	
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		Bis(2-chloro-1-methylethyl) ether	108-60-1	9.6E-01	4.9E-01	3.2E-01	1.5E+03		1.5E+03		1.2E-04	
				3.0E-03	P					Bis(2-chloroethoxy)methane	111-91-1				1.1E+02		1.1E+02		2.5E-02	
1.1E+00	I	3.3E-04	I					V		Bis(2-chloroethyl)ether	111-44-4	6.1E-02	1.5E-02	1.2E-02					3.1E-06	
1.4E-02	I	2.4E-06	C	2.0E-02	I					Bis(2-ethylhexyl)phthalate	117-81-7	4.8E+00		4.8E+00	7.3E+02		7.3E+02	6.0E+00	1.1E+00	1.4E+00
2.2E+02	I	6.2E-02	I					V		Bis(chloromethyl)ether	542-88-1	3.1E-04	7.8E-05	6.2E-05					1.5E-08	
				5.0E-02	I					Bisphenol A	80-05-7				1.8E+03		1.8E+03		1.4E+02	
				2.0E-01	I	2.0E-02	H			Boron And Borates Only	7440-42-8				7.3E+03		7.3E+03		2.3E+01	
				4.0E-02	C	1.3E-02	C			Boron Trifluoride	7637-07-2				1.5E+03		1.5E+03			
7.0E-01	I			4.0E-03	I					Bromate	15541-45-4	9.6E-02		9.6E-02	1.5E+02		1.5E+02	1.0E+01	7.4E-04	7.7E-02
2.0E+00	X	6.0E-04	X					V		Bromo-2-chloroethane, 1-	107-04-0	3.4E-02	8.1E-03	6.5E-03					1.8E-06	
				8.0E-03	I	6.0E-02	I	V		Bromobenzene	108-86-1				2.9E+02	1.3E+02	8.8E+01		5.9E-02	
						4.0E-02	X	V		Bromochloromethane	74-97-5					8.3E+01	8.3E+01		2.1E-02	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		Bromodichloromethane	75-27-4	1.1E+00	1.3E-01	1.2E-01	7.3E+02		7.3E+02	8.0E+01(F)	3.2E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I					Bromoform	75-25-2	8.5E+00		8.5E+00	7.3E+02		7.3E+02	8.0E+01(F)	2.3E-03	2.1E-02
				1.4E-03	I	5.0E-03	I	V		Bromomethane	74-83-9				5.1E+01	1.0E+01	8.7E+00		2.2E-03	
				5.0E-03	H					Bromophos	2104-96-3				1.8E+02		1.8E+02		7.7E-01	
				2.0E-02	I					Bromoxynil	1689-84-5				7.3E+02		7.3E+02		6.3E-01	
				2.0E-02	I					Bromoxynil Octanoate	1689-99-2				7.3E+02		7.3E+02		6.4E+00	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		Butadiene, 1,3-	106-99-0	2.0E-02	1.6E-01	1.8E-02		4.2E+00	4.2E+00		9.7E-06	
				1.0E-01	I					Butanol, N-	71-36-3				3.7E+03		3.7E+03		7.6E-01	
1.9E-03	P			2.0E-01	I					Butyl Benzyl Phthlate	85-68-7	3.5E+01		3.5E+01	7.3E+03		7.3E+03		5.1E-01	
				2.0E+00	P	3.0E+01	P			Butyl alcohol, sec-	78-92-2				7.3E+04		7.3E+04		1.5E+01	
				5.0E-02	I					Butylate	2008-41-5				1.8E+03		1.8E+03		1.8E+00	
2.0E-04	C	5.7E-08	C							Butylated hydroxyanisole	25013-16-5	3.4E+02		3.4E+02					6.3E-01	
				5.0E-02	P			V		Butylbenzene, n-	104-51-8				1.8E+03		1.8E+03		5.9E+00	
				1.0E+00	I					Butylphthalyl Butylglycolate	85-70-1				3.7E+04		3.7E+04		8.3E+02	
				2.0E-02	A					Cacodylic Acid	75-60-5				7.3E+02		7.3E+02			
		1.8E-03	I	1.0E-03	I	2.0E-05	C			Cadmium (Diet)	7440-43-9									
		1.8E-03	I	5.0E-04	I	2.0E-05	C			Cadmium (Water)	7440-43-9				1.8E+01		1.8E+01	5.0E+00	1.4E+00	3.8E-01
				5.0E-01	I					Caprolactam	105-60-2				1.8E+04		1.8E+04		4.5E+00	
1.5E-01	C	4.3E-05	C	2.0E-03	I					Captafol	2425-06-1	4.5E-01		4.5E-01	7.3E+01		7.3E+01		7.9E-04	
2.3E-03	C	6.6E-07	C	1.3E-01	I					Captan	133-06-2	2.9E+01		2.9E+01	4.7E+03		4.7E+03		2.1E-02	
				1.0E-01	I					Carbaryl	63-25-2				3.7E+03		3.7E+03		3.3E+00	
				5.0E-03	I					Carbofuran	1563-66-2				1.8E+02		1.8E+02	4.0E+01	7.1E-02	1.6E-02
				1.0E-01	I	7.0E-01	I	V		Carbon Disulfide	75-15-0				3.7E+03	1.5E+03	1.0E+03		3.1E-01	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	9.6E-01	8.1E-01	4.4E-01	1.5E+02	2.1E+02	8.6E+01	5.0E+00	1.7E-04	1.9E-03
				1.0E-02	I					Carbosulfan	55285-14-8				3.7E+02		3.7E+02		8.8E+00	
				1.0E-01	I					Carboxin	5234-68-4				3.7E+03		3.7E+03		2.0E+00	
						9.0E-04	I			Ceric oxide	1306-38-3									
				1.0E-01	I					Chloral Hydrate	302-17-0				3.7E+03		3.7E+03		7.4E-01	
				1.5E-02	I					Chloramben	133-90-4				5.5E+02		5.5E+02		1.3E-01	
4.0E-01	H									Chloranil	118-75-2	1.7E-01		1.7E-01					1.4E-04	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			Chlordane	12789-03-6	1.9E-01		1.9E-01	1.8E+01		1.8E+01	2.0E+00	1.3E-02	1.4E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I					Chlordecone (Kepone)	143-50-0	6.7E-03		6.7E-03	1.1E+01		1.1E+01		2.4E-04	
				7.0E-04	A					Chlorfenvinphos	470-90-6				2.6E+01		2.6E+01		7.0E-02	
				2.0E-02	I					Chlorimuron, Ethyl-	90982-32-4				7.3E+02		7.3E+02		2.5E-01	
				1.0E-01	I	1.5E-04	A			Chlorine	7782-50-5				3.7E+03		3.7E+03		1.6E+00	
				3.0E-02	I	2.0E-04	I			Chlorine Dioxide	10049-04-4				1.1E+03		1.1E+03			
				3.0E-02	I					Chlorite (Sodium Salt)	7758-19-2				1.1E+03		1.1E+03	1.0E+03		
						5.0E+01	I	V		Chloro-1,1-difluoroethane, 1-	75-68-3					1.0E+05	1.0E+05		5.2E+01	
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8		1.6E-02	1.6E-02	7.3E+02	4.2E+01	3.9E+01		8.5E-06	

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
4.6E-01	H									Chloro-2-methylaniline HCl, 4-	3165-93-3	1.5E-01		1.5E-01					8.3E-05	
1.0E-01	P	7.7E-05	C	3.0E-03	X					Chloro-2-methylaniline, 4-	95-69-2	6.7E-01		6.7E-01	1.1E+02		1.1E+02		3.8E-04	
2.7E-01	X									Chloroacetaldehyde, 2-	107-20-0	2.5E-01		2.5E-01					5.0E-05	
				2.0E-03	H					Chloroacetic Acid	79-11-8				7.3E+01		7.3E+01	6.0E+01	1.5E-02	1.2E-02
						3.0E-05	I			Chloroacetophenone, 2-	532-27-4									
2.0E-01	P			4.0E-03	I					Chloroaniline, p-	106-47-8	3.4E-01		3.4E-01	1.5E+02		1.5E+02		1.4E-04	
				2.0E-02	I	5.0E-02	P	V		Chlorobenzene	108-90-7				7.3E+02	1.0E+02	9.1E+01	1.0E+02	6.2E-02	6.8E-02
1.1E-01	C	3.1E-05	C	2.0E-02	I					Chlorobenzilate	510-15-6	6.1E-01		6.1E-01	7.3E+02		7.3E+02		2.0E-03	
				3.0E-02	X					Chlorobenzoic Acid, p-	74-11-3				1.1E+03		1.1E+03		2.8E-01	
				3.0E-03	P	3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6				1.1E+02	6.3E+02	9.3E+01		3.3E-01	
				4.0E-02	P			V		Chlorobutane, 1-	109-69-3				1.5E+03		1.5E+03		5.9E-01	
						5.0E+01	I	V		Chlorodifluoromethane	75-45-6					1.0E+05	1.0E+05		4.3E+01	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		Chloroform	67-66-3	2.2E+00	2.1E-01	1.9E-01	3.7E+02	2.0E+02	1.3E+02	8.0E+01(F)	5.3E-05	2.2E-02
						9.0E-02	I	V		Chloromethane	74-87-3					1.9E+02	1.9E+02		4.9E-02	
2.4E+00	C	6.9E-04	C					V		Chloromethyl Methyl Ether	107-30-2	2.8E-02	7.1E-03	5.6E-03					1.2E-06	
				8.0E-02	I			V		Chloronaphthalene, Beta-	91-58-7				2.9E+03		2.9E+03		1.5E+01	
3.0E-01	P			3.0E-03	P	1.0E-05	X			Chloronitrobenzene, o-	88-73-3	2.2E-01		2.2E-01	1.1E+02		1.1E+02		2.1E-04	
6.3E-03	P			1.0E-03	P	6.0E-04	P			Chloronitrobenzene, p-	100-00-5	1.1E+01		1.1E+01	3.7E+01		3.7E+01		9.9E-03	
				5.0E-03	I			V		Chlorophenol, 2-	95-57-8				1.8E+02		1.8E+02		1.5E-01	
						4.0E-04	C	V		Chloropicrin	76-06-2					8.3E-01	8.3E-01		2.5E-04	
3.1E-03	C	8.9E-07	C	1.5E-02	I					Chlorothalonil	1897-45-6	2.2E+01		2.2E+01	5.5E+02		5.5E+02		4.9E-02	
				2.0E-02	I			V		Chlorotoluene, o-	95-49-8				7.3E+02		7.3E+02		7.1E-01	
				2.0E-02	X			V		Chlorotoluene, p-	106-43-4				7.3E+02		7.3E+02		7.1E-01	
2.4E+02	C	6.9E-02	C							Chlorozotocin	54749-90-5	2.8E-04		2.8E-04					6.2E-08	
				2.0E-01	I					Chlorpropham	101-21-3				7.3E+03		7.3E+03		6.6E+00	
				3.0E-03	I					Chlorpyrifos	2921-88-2				1.1E+02		1.1E+02		1.6E+00	
				1.0E-02	H					Chlorpyrifos Methyl	5598-13-0				3.7E+02		3.7E+02		1.7E+00	
				5.0E-02	I					Chlorsulfuron	64902-72-3				1.8E+03		1.8E+03		1.5E+00	
				8.0E-04	H					Chlorthiophos	60238-56-4				2.9E+01		2.9E+01		7.5E-01	
				1.5E+00	I					Chromium(III), Insoluble Salts	16065-83-1				5.5E+04		5.5E+04		9.9E+07	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	Chromium(VI)	18540-29-9	4.3E-02		4.3E-02	1.1E+02		1.1E+02		8.3E-04	
										Chromium, Total	7440-47-3							1.0E+02		1.8E+05
		9.0E-03	P	3.0E-04	P	6.0E-06	P			Cobalt	7440-48-4				1.1E+01		1.1E+01		4.9E-01	
		6.2E-04	I						M	Coke Oven Emissions	8007-45-2									
				4.0E-02	H					Copper	7440-50-8				1.5E+03		1.5E+03	1.3E+03	5.1E+01	4.6E+01
				5.0E-02	I	6.0E-01	C			Cresol, m-	108-39-4				1.8E+03		1.8E+03		1.5E+00	
				5.0E-02	I	6.0E-01	C			Cresol, o-	95-48-7				1.8E+03		1.8E+03		1.5E+00	
				5.0E-03	H	6.0E-01	C			Cresol, p-	106-44-5				1.8E+02		1.8E+02		1.5E-01	
				1.0E-01	X					Cresol, p-chloro-m-	59-50-7				3.7E+03		3.7E+03		4.3E+00	
				1.0E-01	A	6.0E-01	C	V		Cresols	1319-77-3				3.7E+03	1.3E+03	9.3E+02		7.6E-01	
1.9E+00	H			1.0E-03	P			V		Crotonaldehyde, trans-	123-73-9	3.5E-02		3.5E-02	3.7E+01		3.7E+01		7.2E-06	
				1.0E-01	I	4.0E-01	I	V		Cumene	98-82-8				3.7E+03	8.3E+02	6.8E+02		1.1E+00	
2.2E-01	C	6.3E-05	C							Cupferron	135-20-6	3.1E-01		3.1E-01					5.3E-04	
8.4E-01	H			2.0E-03	H					Cyanazine	21725-46-2	8.0E-02		8.0E-02	7.3E+01		7.3E+01		3.7E-05	
										Cyanides										
				4.0E-02	I					~Calcium Cyanide	592-01-8				1.5E+03		1.5E+03			
				5.0E-03	I					~Copper Cyanide	544-92-3				1.8E+02		1.8E+02			
				2.0E-02	I			V		~Cyanide (CN-)	57-12-5				7.3E+02		7.3E+02	2.0E+02	7.4E+00	2.0E+00
				4.0E-02	I			V		~Cyanogen	460-19-5				1.5E+03		1.5E+03			
				9.0E-02	I			V		~Cyanogen Bromide	506-68-3				3.3E+03		3.3E+03			
				5.0E-02	I			V		~Cyanogen Chloride	506-77-4				1.8E+03		1.8E+03			
				6.0E-04	I	8.0E-04	I	V		~Hydrogen Cyanide	74-90-8				2.2E+01	1.7E+00	1.6E+00			
				5.0E-02	I					~Potassium Cyanide	151-50-8				1.8E+03		1.8E+03			
				2.0E-01	I					~Potassium Silver Cyanide	506-61-6				7.3E+03		7.3E+03			
				1.0E-01	I					~Silver Cyanide	506-64-9				3.7E+03		3.7E+03			
				4.0E-02	I					~Sodium Cyanide	143-33-9				1.5E+03		1.5E+03	2.0E+02		
				2.0E-04	P			V		~Thiocyanate	463-56-9				7.3E+00		7.3E+00		1.5E-03	
				5.0E-02	I					~Zinc Cyanide	557-21-1				1.8E+03		1.8E+03			
						6.0E+00	I	V		Cyclohexane	110-82-7					1.3E+04	1.3E+04		1.3E+01	
2.3E-02	H									Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.9E+00		2.9E+00					1.7E-02	

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				5.0E+00	I	7.0E-01	P			Cyclohexanone	108-94-1				1.8E+05		1.8E+05		4.3E+01	
				2.0E-01	I					Cyclohexylamine	108-91-8				7.3E+03		7.3E+03		1.9E+00	
				5.0E-03	I					Cyhalothrin/karate	68085-85-8				1.8E+02		1.8E+02		1.2E+02	
				1.0E-02	I					Cypermethrin	52315-07-8				3.7E+02		3.7E+02		5.8E+01	
				7.5E-03	I					Cyromazine	66215-27-8				2.7E+02		2.7E+02		7.0E-02	
2.4E-01	I	6.9E-05	C							DDD	72-54-8	2.8E-01		2.8E-01					6.6E-02	
3.4E-01	I	9.7E-05	C							DDE, p,p'-	72-55-9	2.0E-01		2.0E-01					4.7E-02	
3.4E-01	I	9.7E-05	I	5.0E-04	I					DDT	50-29-3	2.0E-01		2.0E-01	1.8E+01		1.8E+01		6.7E-02	
				1.0E-02	I					Dacthal	1861-32-1				3.7E+02		3.7E+02		4.5E-01	
				3.0E-02	I					Dalapon	75-99-0				1.1E+03		1.1E+03	2.0E+02	2.3E-01	4.1E-02
7.0E-04	I			7.0E-03	I					Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.6E+01		9.6E+01	2.6E+02		2.6E+02		5.3E+01	
				4.0E-05	I					Demeton	8065-48-3				1.5E+00		1.5E+00			
1.2E-03	I			6.0E-01	I					Di(2-ethylhexyl)adipate	103-23-1	5.6E+01		5.6E+01	2.2E+04		2.2E+04	4.0E+02	4.0E+00	2.9E+01
6.1E-02	H									Diallate	2303-16-4	1.1E+00		1.1E+00					1.6E-03	
				7.0E-04	A					Diazinon	333-41-5				2.6E+01		2.6E+01		1.6E-01	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	2.7E-02	3.2E-04	3.2E-04	7.3E+00	4.2E-01	3.9E-01	2.0E-01	1.4E-07	8.6E-05
				1.0E-02	I					Dibromobenzene, 1,4-	106-37-6				3.7E+02		3.7E+02		3.5E-01	
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		Dibromochloromethane	124-48-1	8.0E-01	1.8E-01	1.5E-01	7.3E+02		7.3E+02	8.0E+01(F)	3.9E-05	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	3.4E-02	8.1E-03	6.5E-03	3.3E+02	1.9E+01	1.8E+01	5.0E-02	1.8E-06	1.4E-05
				1.0E-02	H	4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3				3.7E+02	8.3E+00	8.2E+00		2.0E-03	
				1.0E-01	I					Dibutyl Phthalate	84-74-2				3.7E+03		3.7E+03		9.2E+00	
				3.0E-04	P					Dibutyltin Compounds	NA				1.1E+01		1.1E+01			
				3.0E-02	I					Dicamba	1918-00-9				1.1E+03		1.1E+03		2.8E-01	
		4.2E-03	P					V		Dichloro-2-butene, 1,4-	764-41-0		1.2E-03	1.2E-03					5.4E-07	
		4.2E-03	P					V		Dichloro-2-butene, cis-1,4-	1476-11-5		1.2E-03	1.2E-03					5.4E-07	
		4.2E-03	P					V		Dichloro-2-butene, trans-1,4-	110-57-6		1.2E-03	1.2E-03					5.4E-07	
5.0E-02	I			4.0E-03	I					Dichloroacetic Acid	79-43-6	1.3E+00		1.3E+00	1.5E+02		1.5E+02	6.0E+01	2.8E-04	1.2E-02
				9.0E-02	I	2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1				3.3E+03	4.2E+02	3.7E+02	6.0E+02	3.6E-01	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	1.2E+01	4.4E-01	4.3E-01	2.6E+03	1.7E+03	1.0E+03	7.5E+01	4.1E-04	7.2E-02
4.5E-01	I	3.4E-04	C							Dichlorobenzidine, 3,3'-	91-94-1	1.5E-01		1.5E-01					9.8E-04	
				9.0E-03	X					Dichlorobenzophenone, 4,4'-	90-98-2				3.3E+02		3.3E+02		2.0E+00	
				2.0E-01	I	1.0E-01	X	V		Dichlorodifluoromethane	75-71-8				7.3E+03	2.1E+02	2.0E+02		3.1E-01	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		Dichloroethane, 1,1-	75-34-3	1.2E+01	3.0E+00	2.4E+00	7.3E+03		7.3E+03		6.9E-04	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2	7.4E-01	1.9E-01	1.5E-01	2.2E+02	1.5E+01	1.4E+01	5.0E+00	4.2E-05	1.4E-03
				5.0E-02	I	2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4				1.8E+03	4.2E+02	3.4E+02	7.0E+00	1.2E-01	2.5E-03
				9.0E-03	H			V		Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0				3.3E+02		3.3E+02		9.7E-02	
				2.0E-03	I			V		Dichloroethylene, 1,2-cis-	156-59-2				7.3E+01		7.3E+01	7.0E+01	2.1E-02	2.1E-02
				2.0E-02	I	6.0E-02	P	V		Dichloroethylene, 1,2-trans-	156-60-5				7.3E+02	1.3E+02	1.1E+02	1.0E+02	3.1E-02	2.9E-02
				3.0E-03	I					Dichlorophenol, 2,4-	120-83-2				1.1E+02		1.1E+02		1.3E-01	
				1.0E-02	I					Dichlorophenoxy Acetic Acid, 2,4-	94-75-7				3.7E+02		3.7E+02	7.0E+01	9.5E-02	1.8E-02
				8.0E-03	I					Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6				2.9E+02		2.9E+02		1.2E-01	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	1.9E+00	4.9E-01	3.9E-01	3.3E+03	8.3E+00	8.3E+00	5.0E+00	1.3E-04	1.7E-03
				2.0E-02	P			V		Dichloropropane, 1,3-	142-28-9				7.3E+02		7.3E+02		2.5E-01	
				3.0E-03	I					Dichloropropanol, 2,3-	616-23-9				1.1E+02		1.1E+02		2.3E-02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	6.7E-01	1.2E+00	4.3E-01	1.1E+03	4.2E+01	4.0E+01		1.5E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			Dichlorvos	62-73-7	2.3E-01		2.3E-01	1.8E+01		1.8E+01		7.1E-05	
				8.0E-03	P	7.0E-03	P	V		Dicyclopentadiene	77-73-6				2.9E+02	1.5E+01	1.4E+01		4.8E-02	
1.6E+01	I	4.6E-03	I	5.0E-05	I					Dieldrin	60-57-1	4.2E-03		4.2E-03	1.8E+00		1.8E+00		1.7E-04	
		3.0E-04	C			5.0E-03	I			Diesel Engine Exhaust	NA									
						3.0E-03	C			Diethanolamine	111-42-2									
				8.0E-01	I					Diethyl Phthalate	84-66-2				2.9E+04		2.9E+04		1.2E+01	
				3.0E-02	P	1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5				1.1E+03		1.1E+03		2.4E-01	
				6.0E-02	P	3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0				2.2E+03		2.2E+03		4.4E-01	
				1.0E-03	P					Diethylformamide	617-84-5				3.7E+01		3.7E+01		7.5E-03	
3.5E+02	C	1.0E-01	C							Diethylstilbestrol	56-53-1	1.9E-04		1.9E-04					1.1E-04	
				8.0E-02	I					Difenzoquat	43222-48-6				2.9E+03		2.9E+03			
				2.0E-02	I					Diflubenzuron	35367-38-5				7.3E+02		7.3E+02		8.2E-01	
						4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6					8.3E+04	8.3E+04		2.8E+01	
4.4E-02	C	1.3E-05	C							Dihydrosafrole	94-58-6	1.5E+00		1.5E+00					1.9E-03	
						7.0E-01	P	V		Diisopropyl Ether	108-20-3					1.5E+03	1.5E+03		3.7E-01	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				8.0E-02	I			V		Diisopropyl Methylphosphonate	1445-75-6				2.9E+03		2.9E+03		8.3E-01	
				2.0E-02	I					Dimethipin	55290-64-7				7.3E+02		7.3E+02		1.6E-01	
				2.0E-04	I					Dimethoate	60-51-5				7.3E+00		7.3E+00		1.6E-03	
1.4E-02	H									Dimethoxybenzidine, 3,3'-	119-90-4	4.8E+00		4.8E+00					5.8E-03	
1.7E-03	P			6.0E-02	P					Dimethyl methylphosphonate	756-79-6	4.0E+01		4.0E+01	2.2E+03		2.2E+03		8.3E-03	
4.6E+00	C	1.3E-03	C							Dimethylamino azobenzene [p-]	60-11-7	1.5E-02		1.5E-02					6.2E-05	
5.8E-01	H									Dimethylaniline HCl, 2,4-	21436-96-4	1.2E-01		1.2E-01					6.6E-05	
2.0E-01	P			2.0E-03	X					Dimethylaniline, 2,4-	95-68-1	3.4E-01		3.4E-01	7.3E+01		7.3E+01		1.9E-04	
				2.0E-03	I			V		Dimethylaniline, N,N-	121-69-7				7.3E+01		7.3E+01		2.6E-02	
1.1E+01	P									Dimethylbenzidine, 3,3'-	119-93-7	6.1E-03		6.1E-03					4.0E-05	
				1.0E-01	P	3.0E-02	I			Dimethylformamide	68-12-2				3.7E+03		3.7E+03		7.4E-01	
				1.0E-04	X	2.0E-06	X			Dimethylhydrazine, 1,1-	57-14-7				3.7E+00		3.7E+00		8.2E-04	
5.5E+02	C	1.6E-01	C							Dimethylhydrazine, 1,2-	540-73-8	1.2E-04		1.2E-04					2.8E-08	
				2.0E-02	I					Dimethylphenol, 2,4-	105-67-9				7.3E+02		7.3E+02		8.6E-01	
				6.0E-04	I					Dimethylphenol, 2,6-	576-26-1				2.2E+01		2.2E+01		2.6E-02	
				1.0E-03	I					Dimethylphenol, 3,4-	95-65-8				3.7E+01		3.7E+01		4.3E-02	
				1.0E-01	I			V		Dimethylterephthalate	120-61-6				3.7E+03		3.7E+03		9.6E-01	
4.5E-02	C	1.3E-05	C							Dimethylvinylchloride	513-37-1	1.5E+00		1.5E+00					9.2E-04	
				8.0E-05	X					Dinitro-o-cresol, 4,6-	534-52-1				2.9E+00		2.9E+00		5.0E-03	
				2.0E-03	I					Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5				7.3E+01		7.3E+01		2.4E+00	
				1.0E-04	P					Dinitrobenzene, 1,2-	528-29-0				3.7E+00		3.7E+00		3.3E-03	
				1.0E-04	I					Dinitrobenzene, 1,3-	99-65-0				3.7E+00		3.7E+00		3.3E-03	
				1.0E-04	P					Dinitrobenzene, 1,4-	100-25-4				3.7E+00		3.7E+00		3.3E-03	
				2.0E-03	I					Dinitrophenol, 2,4-	51-28-5				7.3E+01		7.3E+01		8.2E-02	
6.8E-01	I									Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	9.9E-02		9.9E-02					1.4E-04	
3.1E-01	C	8.9E-05	C	2.0E-03	I					Dinitrotoluene, 2,4-	121-14-2	2.2E-01		2.2E-01	7.3E+01		7.3E+01		2.9E-04	
				1.0E-03	P					Dinitrotoluene, 2,6-	606-20-2				3.7E+01		3.7E+01		5.0E-02	
				2.0E-03	S					Dinitrotoluene, 2-Amino-4,6-	35572-78-2				7.3E+01		7.3E+01		5.6E-02	
				2.0E-03	S					Dinitrotoluene, 4-Amino-2,6-	19406-51-0				7.3E+01		7.3E+01		5.6E-02	
				1.0E-03	I					Dinoseb	88-85-7				3.7E+01		3.7E+01	7.0E+00	3.2E-01	6.2E-02
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			Dioxane, 1,4-	123-91-1	6.7E-01		6.7E-01	1.1E+03		1.1E+03		1.4E-04	
										Dioxins										
6.2E+03	I	1.3E+00	I							~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.1E-05		1.1E-05					1.5E-05	
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			~TCDD, 2,3,7,8-	1746-01-6	5.2E-07		5.2E-07	3.7E-05		3.7E-05	3.0E-05	2.6E-07	1.5E-05
				3.0E-02	I					Diphenamid	957-51-7				1.1E+03		1.1E+03		1.1E+01	
				8.0E-04	X					Diphenyl Sulfone	127-63-9				2.9E+01		2.9E+01		7.1E-02	
				2.5E-02	I					Diphenylamine	122-39-4				9.1E+02		9.1E+02		1.7E+00	
8.0E-01	I	2.2E-04	I							Diphenylhydrazine, 1,2-	122-66-7	8.4E-02		8.4E-02					2.7E-04	
				2.2E-03	I					Diquat	85-00-7				8.0E+01		8.0E+01	2.0E+01	1.5E+00	3.7E-01
7.4E+00	C	2.1E-03	C							Direct Black 38	1937-37-7	9.1E-03		9.1E-03					4.4E+00	
7.4E+00	C	2.1E-03	C							Direct Blue 6	2602-46-2	9.1E-03		9.1E-03					1.4E+01	
6.7E+00	C	1.9E-03	C							Direct Brown 95	16071-86-6	1.0E-02		1.0E-02						
				4.0E-05	I					Disulfoton	298-04-4				1.5E+00		1.5E+00		2.7E-03	
				1.0E-02	I					Dithiane, 1,4-	505-29-3				3.7E+02		3.7E+02		1.8E-01	
				2.0E-03	I					Diuron	330-54-1				7.3E+01		7.3E+01		3.1E-02	
				4.0E-03	I					Dodine	2439-10-3				1.5E+02		1.5E+02		7.5E-01	
				2.5E-02	I			V		EPTC	759-94-4				9.1E+02		9.1E+02		4.8E-01	
				6.0E-03	I					Endosulfan	115-29-7				2.2E+02		2.2E+02		3.0E+00	
				2.0E-02	I					Endothall	145-73-3				7.3E+02		7.3E+02	1.0E+02	1.7E-01	2.4E-02
				3.0E-04	I					Endrin	72-20-8				1.1E+01		1.1E+01	2.0E+00	4.4E-01	8.1E-02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		Epichlorohydrin	106-89-8	6.8E+00	4.1E+00	2.5E+00	2.2E+02	2.1E+00	2.1E+00		4.5E-04	
						2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7					4.2E+01	4.2E+01		9.2E-03	
				5.0E-03	I					Ethephon	16672-87-0				1.8E+02		1.8E+02		3.8E-02	
				5.0E-04	I					Ethion	563-12-2				1.8E+01		1.8E+01		3.6E-02	
				1.0E-01	P	6.0E-02	P			Ethoxyethanol Acetate, 2-	111-15-9				3.7E+03		3.7E+03		7.6E-01	
				4.0E-01	H	2.0E-01	I			Ethoxyethanol, 2-	110-80-5				1.5E+04		1.5E+04		2.9E+00	
				9.0E-01	I			V		Ethyl Acetate	141-78-6				3.3E+04		3.3E+04		7.0E+00	
4.8E-02	H							V		Ethyl Acrylate	140-88-5	1.4E+00		1.4E+00					3.1E-04	
						1.0E+01	I	V		Ethyl Chloride	75-00-3					2.1E+04	2.1E+04		5.9E+00	
				2.0E-01	I			V		Ethyl Ether	60-29-7				7.3E+03		7.3E+03		1.6E+00	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				9.0E-02	H	3.0E-01	P	V		Ethyl Methacrylate	97-63-2				3.3E+03	6.3E+02	5.3E+02		1.2E-01	
				1.0E-05	I					Ethyl-p-nitrophenyl Phosphonate	2104-64-5				3.7E-01		3.7E-01		1.1E-02	
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		Ethylbenzene	100-41-4	6.1E+00	1.9E+00	1.5E+00	3.7E+03	2.1E+03	1.3E+03	7.0E+02	1.7E-03	7.8E-01
				3.0E-02	P					Ethylene Cyanohydrin	109-78-4				1.1E+03		1.1E+03		2.2E-01	
				9.0E-02	P					Ethylene Diamine	107-15-3				3.3E+03		3.3E+03		7.5E-01	
				2.0E+00	I	4.0E-01	C			Ethylene Glycol	107-21-1				7.3E+04		7.3E+04		1.5E+01	
				1.0E-01	I	1.6E+00	I			Ethylene Glycol Monobutyl Ether	111-76-2				3.7E+03		3.7E+03		7.5E-01	
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		Ethylene Oxide	75-21-8	2.2E-01	5.5E-02	4.4E-02		6.3E+01	6.3E+01		9.1E-06	
4.5E-02	C	1.3E-05	C	8.0E-05	I					Ethylene Thiourea	96-45-7	1.5E+00		1.5E+00	2.9E+00		2.9E+00		3.4E-04	
6.5E+01	C	1.9E-02	C							Ethyleneimine	151-56-4	1.0E-03		1.0E-03					2.3E-07	
				3.0E+00	I					Ethylphthalyl Ethyl Glycolate	84-72-0				1.1E+05		1.1E+05		2.5E+02	
				8.0E-03	I					Express	101200-48-0				2.9E+02		2.9E+02		1.1E-01	
				2.5E-04	I					Fenamiphos	22224-92-6				9.1E+00		9.1E+00		9.1E-03	
				2.5E-02	I					Fenpropathrin	39515-41-8				9.1E+02		9.1E+02		4.1E+01	
				1.3E-02	I					Fluometuron	2164-17-2				4.7E+02		4.7E+02		3.7E-01	
				4.0E-02	C	1.3E-02	C			Fluoride	16984-48-8				1.5E+03		1.5E+03		2.2E+02	
				6.0E-02	I	1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4				2.2E+03		2.2E+03	4.0E+03	3.3E+02	6.0E+02
				8.0E-02	I					Fluridone	59756-60-4				2.9E+03		2.9E+03		3.3E+02	
				2.0E-02	I					Flurprimidol	56425-91-3				7.3E+02		7.3E+02		3.3E+00	
				6.0E-02	I					Flutolanil	66332-96-5				2.2E+03		2.2E+03		1.2E+01	
				1.0E-02	I					Fluvalinate	69409-94-5				3.7E+02		3.7E+02		5.3E+02	
3.5E-03	I			1.0E-01	I					Folpet	133-07-3	1.9E+01		1.9E+01	3.7E+03		3.7E+03		4.5E-03	
1.9E-01	I									Fomesafen	72178-02-0	3.5E-01		3.5E-01					1.2E-03	
				2.0E-03	I					Fonofos	944-22-9				7.3E+01		7.3E+01		1.4E-01	
		1.3E-05	I	2.0E-01	I	9.8E-03	A			Formaldehyde	50-00-0				7.3E+03		7.3E+03		1.5E+00	
				9.0E-01	P	3.0E-04	X			Formic Acid	64-18-6				3.3E+04		3.3E+04		6.6E+00	
				3.0E+00	I					Fosetyl-AL	39148-24-8				1.1E+05		1.1E+05			
										Furans										
				1.0E-03	X			V		~Dibenzofuran	132-64-9				3.7E+01		3.7E+01		6.8E-01	
				1.0E-03	I			V		~Furan	110-00-9				3.7E+01		3.7E+01		1.4E-02	
3.8E+00	H									Furazolidone	67-45-8	1.8E-02		1.8E-02					3.4E-05	
				3.0E-03	I	5.0E-02	H			Furfural	98-01-1				1.1E+02		1.1E+02		2.3E-02	
1.5E+00	C	4.3E-04	C							Furium	531-82-8	4.5E-02		4.5E-02					6.1E-05	
3.0E-02	I	8.6E-06	C							Furmecyclox	60568-05-0	2.2E+00		2.2E+00					2.4E-03	
				4.0E-04	I					Glufosinate, Ammonium	77182-82-2				1.5E+01		1.5E+01		3.2E-03	
						8.0E-05	C			Glutaraldehyde	111-30-8									
				4.0E-04	I	1.0E-03	H			Glycidyl	765-34-4				1.5E+01		1.5E+01		2.9E-03	
				1.0E-01	I					Glyphosate	1071-83-6				3.7E+03		3.7E+03	7.0E+02	7.4E-01	1.4E-01
				3.0E-03	I					Goal	42874-03-3				1.1E+02		1.1E+02		8.8E+00	
				3.0E-03	A	1.0E-02	A			Guthion	86-50-0				1.1E+02		1.1E+02		3.3E-02	
				5.0E-05	I					Haloxyfop, Methyl	69806-40-2				1.8E+00		1.8E+00		2.0E-02	
				1.3E-02	I					Harmony	79277-27-3				4.7E+02		4.7E+02		1.4E-01	
4.5E+00	I	1.3E-03	I	5.0E-04	I					Heptachlor	76-44-8	1.5E-02		1.5E-02	1.8E+01		1.8E+01	4.0E-01	1.2E-03	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I					Heptachlor Epoxide	1024-57-3	7.4E-03		7.4E-03	4.7E-01		4.7E-01	2.0E-01	1.5E-04	4.1E-03
				2.0E-03	I					Hexabromobenzene	87-82-1				7.3E+01		7.3E+01		4.2E-01	
				2.0E-04	I					Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2				7.3E+00		7.3E+00			
1.6E+00	I	4.6E-04	I	8.0E-04	I					Hexachlorobenzene	118-74-1	4.2E-02		4.2E-02	2.9E+01		2.9E+01	1.0E+00	5.3E-04	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P					Hexachlorobutadiene	87-68-3	8.6E-01		8.6E-01	3.7E+01		3.7E+01		1.7E-03	
6.3E+00	I	1.8E-03	I	8.0E-03	A					Hexachlorocyclohexane, Alpha-	319-84-6	1.1E-02		1.1E-02	2.9E+02		2.9E+02		6.2E-05	
1.8E+00	I	5.3E-04	I							Hexachlorocyclohexane, Beta-	319-85-7	3.7E-02		3.7E-02					2.2E-04	
1.1E+00	C	3.1E-04	C	3.0E-04	I					Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.1E-02		6.1E-02	1.1E+01		1.1E+01	2.0E-01	3.6E-04	1.2E-03
1.8E+00	I	5.1E-04	I							Hexachlorocyclohexane, Technical	608-73-1	3.7E-02		3.7E-02					2.2E-04	
				6.0E-03	I	2.0E-04	I			Hexachlorocyclopentadiene	77-47-4				2.2E+02		2.2E+02	5.0E+01	6.8E-01	1.6E-01
1.4E-02	I	4.0E-06	I	1.0E-03	I					Hexachloroethane	67-72-1	4.8E+00		4.8E+00	3.7E+01		3.7E+01		2.9E-03	
				3.0E-04	I					Hexachlorophene	70-30-4				1.1E+01		1.1E+01		1.5E+01	
1.1E-01	I			3.0E-03	I					Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.1E-01		6.1E-01	1.1E+02		1.1E+02		2.3E-04	
						1.0E-05	I	V		Hexamethylene Diisocyanate, 1,6-	822-06-0					2.1E-02	2.1E-02		2.1E-04	
				6.0E-02	H	7.0E-01	I	V		Hexane, N-	110-54-3				2.2E+03	1.5E+03	8.8E+02		6.2E+00	
				2.0E+00	P					Hexanedioic Acid	124-04-9				7.3E+04		7.3E+04		1.8E+01	
				5.0E-03	I	3.0E-02	I	V		Hexanone, 2-	591-78-6				1.8E+02	6.3E+01	4.7E+01		1.1E-02	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				3.3E-02	I					Hexazinone	51235-04-2				1.2E+03		1.2E+03		5.5E-01	
3.0E+00	I	4.9E-03	I			3.0E-05	P			Hydrazine	302-01-2	2.2E-02		2.2E-02						
3.0E+00	I	4.9E-03	I							Hydrazine Sulfate	10034-93-2	2.2E-02		2.2E-02						
						2.0E-02	I			Hydrogen Chloride	7647-01-0									
				4.0E-02	C	1.4E-02	C			Hydrogen Fluoride	7664-39-3				1.5E+03		1.5E+03			
						2.0E-03	I			Hydrogen Sulfide	7783-06-4									
6.0E-02	P			4.0E-02	P					Hydroquinone	123-31-9	1.1E+00		1.1E+00	1.5E+03		1.5E+03		7.6E-04	
				1.3E-02	I					Imazalil	35554-44-0				4.7E+02		4.7E+02		8.2E+00	
				2.5E-01	I					Imazaquin	81335-37-7				9.1E+03		9.1E+03		4.5E+01	
				1.0E-02	A					Iodine	7553-56-2				3.7E+02		3.7E+02		2.2E+01	
				4.0E-02	I					Iprodione	36734-19-7				1.5E+03		1.5E+03		4.5E-01	
				7.0E-01	P					Iron	7439-89-6				2.6E+04		2.6E+04		6.4E+02	
				3.0E-01	I			V		Isobutyl Alcohol	78-83-1				1.1E+04		1.1E+04		2.3E+00	
9.5E-04	I			2.0E-01	I	2.0E+00	C			Isophorone	78-59-1	7.1E+01		7.1E+01	7.3E+03		7.3E+03		2.3E-02	
				1.5E-02	I					Isopropalin	33820-53-0				5.5E+02		5.5E+02		1.3E+01	
						7.0E+00	C			Isopropanol	67-63-0									
				1.0E-01	I					Isopropyl Methyl Phosphonic Acid	1832-54-8				3.7E+03		3.7E+03		7.9E-01	
				5.0E-02	I					Isoxaben	82558-50-7				1.8E+03		1.8E+03		5.0E+00	
						3.0E-01	A	V		JP-7	NA					6.3E+02	6.3E+02			
				7.5E-02	I					Kerb	23950-58-5				2.7E+03		2.7E+03		2.8E+00	
				2.0E-03	I					Lactofen	77501-63-4				7.3E+01		7.3E+01		3.4E+00	
										Lead Compounds										
2.8E-01	C	8.0E-05	C							~Lead acetate	301-04-2	2.4E-01		2.4E-01						
										~Lead and Compounds	7439-92-1							1.5E+01		1.4E+01
3.8E-02	C	1.1E-05	C							~Lead subacetate	1335-32-6	1.8E+00		1.8E+00						
				1.0E-07	I					~Tetraethyl Lead	78-00-2				3.7E-03		3.7E-03		1.3E-05	
				2.0E-03	I					Linuron	330-55-2				7.3E+01		7.3E+01		6.4E-02	
				2.0E-03	P					Lithium	7439-93-2				7.3E+01		7.3E+01		2.2E+01	
				2.0E-01	I					Londax	83055-99-6				7.3E+03		7.3E+03		1.9E+00	
				5.0E-04	I					MCPA	94-74-6				1.8E+01		1.8E+01		4.7E-03	
				1.0E-02	I					MCPB	94-81-5				3.7E+02		3.7E+02		1.4E-01	
				1.0E-03	I					MCPP	93-65-2				3.7E+01		3.7E+01		1.1E-02	
				2.0E-02	I					Malathion	121-75-5				7.3E+02		7.3E+02		1.9E-01	
				1.0E-01	I	7.0E-04	C			Maleic Anhydride	108-31-6				3.7E+03		3.7E+03		7.4E-01	
				5.0E-01	I					Maleic Hydrazide	123-33-1				1.8E+04		1.8E+04		3.8E+00	
				1.0E-04	P					Malononitrile	109-77-3				3.7E+00		3.7E+00		7.5E-04	
				3.0E-02	H					Mancozeb	8018-01-7				1.1E+03		1.1E+03		1.5E+00	
				5.0E-03	I					Maneb	12427-38-2				1.8E+02		1.8E+02		2.6E-01	
				1.4E-01	I	5.0E-05	I			Manganese (Diet)	7439-96-5									
				2.4E-02	S	5.0E-05	I			Manganese (Non-diet)	7439-96-5				8.8E+02		8.8E+02		5.7E+01	
				9.0E-05	H					Mephosfolan	950-10-7				3.3E+00		3.3E+00		4.8E-03	
				3.0E-02	I					Mepiquat Chloride	24307-26-4				1.1E+03		1.1E+03		3.6E-01	
										Mercury Compounds										
				3.0E-04	I	3.0E-05	C			~Mercuric Chloride (and other Mercury salts)	7487-94-7				1.1E+01		1.1E+01	2.0E+00		
						3.0E-04	I	V		~Mercury (elemental)	7439-97-6					6.3E-01	6.3E-01	2.0E+00	3.3E-02	1.0E-01
				1.0E-04	I					~Methyl Mercury	22967-92-6				3.7E+00		3.7E+00			
				8.0E-05	I					~Phenylmercuric Acetate	62-38-4				2.9E+00		2.9E+00		9.1E-04	
				3.0E-05	I					Merphos	150-50-5				1.1E+00		1.1E+00		1.1E-01	
				3.0E-05	I					Merphos Oxide	78-48-8				1.1E+00		1.1E+00		5.4E-03	
				6.0E-02	I					Metalaxyl	57837-19-1				2.2E+03		2.2E+03		6.1E-01	
				1.0E-04	I	7.0E-04	H	V		Methacrylonitrile	126-98-7				3.7E+00	1.5E+00	1.0E+00		2.4E-04	
				5.0E-05	I					Methamidophos	10265-92-6				1.8E+00		1.8E+00		3.8E-04	
				5.0E-01	I	4.0E+00	C			Methanol	67-56-1				1.8E+04		1.8E+04		3.7E+00	
				1.0E-03	I					Methidathion	950-37-8				3.7E+01		3.7E+01		8.9E-03	
				2.5E-02	I					Methomyl	16752-77-5				9.1E+02		9.1E+02		2.0E-01	
4.9E-02	C	1.4E-05	C							Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+00		1.4E+00					4.7E-04	
				5.0E-03	I					Methoxychlor	72-43-5				1.8E+02		1.8E+02	4.0E+01	9.9E+00	2.2E+00
				8.0E-03	P	1.0E-03	P			Methoxyethanol Acetate, 2-	110-49-6				2.9E+02		2.9E+02		6.0E-02	
				5.0E-03	P	2.0E-02	I			Methoxyethanol, 2-	109-86-4				1.8E+02		1.8E+02		3.7E-02	
				1.0E+00	X			V		Methyl Acetate	79-20-9				3.7E+04		3.7E+04		7.5E+00	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				3.0E-02	H			V		Methyl Acrylate	96-33-3				1.1E+03		1.1E+03		2.3E-01	
				6.0E-01	I	5.0E+00	I	V		Methyl Ethyl Ketone (2-Butanone)	78-93-3				2.2E+04	1.0E+04	7.1E+03		1.5E+00	
		1.0E-03	X	1.0E-03	P	2.0E-05	X			Methyl Hydrazine	60-34-4				3.7E+01		3.7E+01		8.3E-03	
				8.0E-02	H	3.0E+00	I	V		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				2.9E+03	6.3E+03	2.0E+03		4.5E-01	
						1.0E-03	C			Methyl Isocyanate	624-83-9									
				1.4E+00	I	7.0E-01	I	V		Methyl Methacrylate	80-62-6				5.1E+04	1.5E+03	1.4E+03		3.1E-01	
				2.5E-04	I					Methyl Parathion	298-00-0				9.1E+00		9.1E+00		1.5E-02	
				6.0E-02	X					Methyl Phosphonic Acid	993-13-5				2.2E+03		2.2E+03		4.4E-01	
				6.0E-03	H	4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4				2.2E+02	8.3E+01	6.0E+01		9.7E-02	
9.9E-02	C	2.8E-05	C							Methyl methanesulfonate	66-27-3	6.8E-01		6.8E-01					1.4E-04	
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.7E+01	1.9E+01	1.2E+01		6.3E+03	6.3E+03		2.8E-03	
				2.0E-04	X					Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2				7.3E+00		7.3E+00			
9.0E-03	P			2.0E-02	X					Methyl-5-Nitroaniline, 2-	99-55-8	7.5E+00		7.5E+00	7.3E+02		7.3E+02		4.2E-03	
8.3E+00	C	2.4E-03	C							Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.1E-03		8.1E-03					2.8E-06	
1.3E-01	C	3.7E-05	C							Methylaniline Hydrochloride, 2-	636-21-5	5.2E-01		5.2E-01					2.2E-04	
				1.0E-02	A					Methylarsonic acid	124-58-3				3.7E+02		3.7E+02			
				2.0E-04	X					Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7				7.3E+00		7.3E+00			
				2.0E-04	X					Methylbenzene-1,4-diamine sulfate, 2-	615-50-9				7.3E+00		7.3E+00			
2.2E+01	C	6.3E-03	C						M	Methylcholanthrene, 3-	56-49-5	9.8E-04		9.8E-04					1.9E-03	
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		Methylene Chloride	75-09-2	9.0E+00	1.0E+01	4.8E+00	2.2E+03	2.2E+03	1.1E+03	5.0E+00	1.2E-03	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.2E-01		2.2E-01	7.3E+01		7.3E+01		2.5E-03	
4.6E-02	I	1.3E-05	C							Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+00		1.5E+00					8.1E-03	
1.6E+00	C	4.6E-04	C			2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	4.2E-02		4.2E-02					1.9E-04	
						6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8									
				7.0E-02	H			V		Methylstyrene, Alpha-	98-83-9				2.6E+03		2.6E+03		4.1E+00	
				1.5E-01	I					Metolachlor	51218-45-2				5.5E+03		5.5E+03		6.4E+00	
				2.5E-02	I					Metribuzin	21087-64-9				9.1E+02		9.1E+02		2.8E-01	
				3.0E+00	P					Mineral oils	8012-95-1				1.1E+05		1.1E+05		4.3E+03	
1.8E+01	C	5.1E-03	C	2.0E-04	I					Mirex	2385-85-5	3.7E-03		3.7E-03	7.3E+00		7.3E+00		2.7E-03	
				2.0E-03	I					Molinate	2212-67-1				7.3E+01		7.3E+01		4.1E-02	
				5.0E-03	I					Molybdenum	7439-98-7				1.8E+02		1.8E+02		3.7E+00	
				1.0E-01	I					Monochloramine	10599-90-3				3.7E+03		3.7E+03			
				2.0E-03	P					Monomethylaniline	100-61-8				7.3E+01		7.3E+01		2.7E-02	
				3.0E-04	X					N,N'-Diphenyl-1,4-benzenediamine	74-31-7				1.1E+01		1.1E+01		1.1E+00	
				2.0E-03	I					Naled	300-76-5				7.3E+01		7.3E+01		3.3E-02	
				3.0E-02	X	1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64724-95-6				1.1E+03	2.1E+02	1.8E+02			
1.8E+00	C	0.0E+00	C							Naphthylamine, 2-	91-59-8	3.7E-02		3.7E-02					1.9E-04	
				1.0E-01	I					Napropamide	15299-99-7				3.7E+03		3.7E+03		2.4E+01	
				5.0E-02	C	5.0E-05	C			Nickel Carbonyl	13463-39-3				1.8E+03		1.8E+03			
				5.0E-02	C	1.0E-04	C			Nickel Oxide	1313-99-1				1.8E+03		1.8E+03			
		2.4E-04	I	5.0E-02	C	5.0E-05	C			Nickel Refinery Dust	NA				1.8E+03		1.8E+03		2.7E+02	
		2.6E-04	C	2.0E-02	I	9.0E-05	A			Nickel Soluble Salts	7440-02-0				7.3E+02		7.3E+02		4.8E+01	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			Nickel Subsulfide	12035-72-2	4.0E-02		4.0E-02	1.8E+03		1.8E+03			
				1.6E+00	I					Nitrate	14797-55-8				5.8E+04		5.8E+04	1.0E+04		
				1.0E-01	I					Nitrite	14797-65-0				3.7E+03		3.7E+03	1.0E+03		
				1.0E-02	X	5.0E-05	X			Nitroaniline, 2-	88-74-4				3.7E+02		3.7E+02		1.5E-01	
2.0E-02	P			4.0E-03	P	6.0E-03	P			Nitroaniline, 4-	100-01-6	3.4E+00		3.4E+00	1.5E+02		1.5E+02		1.4E-03	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		Nitrobenzene	98-95-3		1.2E-01	1.2E-01	7.3E+01	1.9E+01	1.5E+01		7.9E-05	
				3.0E+03	P					Nitrocellulose	9004-70-0				1.1E+08		1.1E+08		2.4E+04	
				7.0E-02	H					Nitrofurantoin	67-20-9				2.6E+03		2.6E+03		1.1E+00	
1.3E+00	C	3.7E-04	C							Nitrofurazone	59-87-0	5.2E-02		5.2E-02					4.7E-05	
1.7E-02	P			1.0E-04	P					Nitroglycerin	55-63-0	4.0E+00		4.0E+00	3.7E+00		3.7E+00		1.6E-03	
				1.0E-01	I					Nitroguanidine	556-88-7				3.7E+03		3.7E+03		8.8E-01	
		9.0E-06	P			2.0E-02	P	V		Nitromethane	75-52-5		5.4E-01	5.4E-01		4.2E+01	4.2E+01		1.2E-04	
		2.7E-03	H			2.0E-02	I	V		Nitropropane, 2-	79-46-9		1.8E-03	1.8E-03		4.2E+01	4.2E+01		4.7E-07	
2.7E+01	C	7.7E-03	C						M	Nitroso-N-ethylurea, N-	759-73-9	8.0E-04		8.0E-04					1.9E-07	
1.2E+02	C	3.4E-02	C						M	Nitroso-N-methylurea, N-	684-93-5	1.8E-04		1.8E-04					4.0E-08	
5.4E+00	I	1.6E-03	I					V		Nitroso-di-N-butylamine, N-	924-16-3	1.2E-02	3.0E-03	2.4E-03					5.0E-06	
7.0E+00	I	2.0E-03	C							Nitroso-di-N-propylamine, N-	621-64-7	9.6E-03		9.6E-03					7.2E-06	
2.8E+00	I	8.0E-04	C							Nitrosodiethanolamine, N-	1116-54-7	2.4E-02		2.4E-02					4.9E-06	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.5E+02	I	4.3E-02	I						M	Nitrosodiethylamine, N-	55-18-5	1.4E-04		1.4E-04					5.3E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	Nitrosodimethylamine, N-	62-75-9	4.2E-04		4.2E-04	2.9E-01		2.9E-01		1.0E-07	
4.9E-03	I	2.6E-06	C							Nitrosodiphenylamine, N-	86-30-6	1.4E+01		1.4E+01					7.5E-02	
2.2E+01	I	6.3E-03	C							Nitrosomethylethylamine, N-	10595-95-6	3.1E-03		3.1E-03					8.8E-07	
6.7E+00	C	1.9E-03	C							Nitrosomorpholine [N-]	59-89-2	1.0E-02		1.0E-02					2.5E-06	
9.4E+00	C	2.7E-03	C							Nitrosopiperidine [N-]	100-75-4	7.2E-03		7.2E-03					3.8E-06	
2.1E+00	I	6.1E-04	I							Nitrosopyrrolidine, N-	930-55-2	3.2E-02		3.2E-02					1.2E-05	
				1.0E-04	X					Nitrotoluene, m-	99-08-1				3.7E+00		3.7E+00		3.4E-03	
2.2E-01	P			9.0E-04	P			V		Nitrotoluene, o-	88-72-2	3.1E-01		3.1E-01	3.3E+01		3.3E+01		2.9E-04	
1.6E-02	P			4.0E-03	P					Nitrotoluene, p-	99-99-0	4.2E+00		4.2E+00	1.5E+02		1.5E+02		3.9E-03	
				3.0E-04	X	2.0E-01	P	V		Nonane, n-	111-84-2				1.1E+01	4.2E+02	1.1E+01		1.5E-01	
				4.0E-02	I					Norflurazon	27314-13-2				1.5E+03		1.5E+03		9.4E+00	
				7.0E-04	I					Nustar	85509-19-9				2.6E+01		2.6E+01		4.1E+00	
				3.0E-03	I					Octabromodiphenyl Ether	32536-52-0				1.1E+02		1.1E+02		2.2E+01	
				5.0E-02	I					Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0				1.8E+03		1.8E+03		2.3E+00	
				2.0E-03	H					Octamethylpyrophosphoramide	152-16-9				7.3E+01		7.3E+01		1.8E-02	
				5.0E-02	I					Oryzalin	19044-88-3				1.8E+03		1.8E+03		3.4E+00	
				5.0E-03	I					Oxadiazon	19666-30-9				1.8E+02		1.8E+02		1.9E+00	
				2.5E-02	I					Oxamyl	23135-22-0				9.1E+02		9.1E+02	2.0E+02	2.0E-01	4.4E-02
				1.3E-02	I					Paclobutrazol	76738-62-0				4.7E+02		4.7E+02		9.7E-01	
				4.5E-03	I					Paraquat Dichloride	1910-42-5				1.6E+02		1.6E+02		2.3E+00	
				6.0E-03	H					Parathion	56-38-2				2.2E+02		2.2E+02		1.1E+00	
				5.0E-02	H					Pebulate	1114-71-2				1.8E+03		1.8E+03		1.5E+00	
				4.0E-02	I					Pendimethalin	40487-42-1				1.5E+03		1.5E+03		1.7E+01	
				2.0E-03	I					Pentabromodiphenyl Ether	32534-81-9				7.3E+01		7.3E+01		3.2E+00	
				1.0E-04	I					Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9				3.7E+00		3.7E+00		1.6E-01	
				8.0E-04	I					Pentachlorobenzene	608-93-5				2.9E+01		2.9E+01		2.2E-01	
9.0E-02	P									Pentachloroethane	76-01-7	7.5E-01		7.5E-01					3.6E-04	
2.6E-01	H			3.0E-03	I					Pentachloronitrobenzene	82-68-8	2.6E-01		2.6E-01	1.1E+02		1.1E+02		3.2E-03	
4.0E-01	I	5.1E-06	C	5.0E-03	I					Pentachlorophenol	87-86-5	1.7E-01		1.7E-01	1.8E+02		1.8E+02	1.0E+00	1.7E-03	1.0E-02
4.0E-03	X			2.0E-03	P					Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+01		1.7E+01	7.3E+01		7.3E+01		2.5E-02	
						1.0E+00	P	V		Pentane, n-	109-66-0					2.1E+03	2.1E+03		1.0E+01	
										Perchlorates										
				7.0E-04	I					~Ammonium Perchlorate	7790-98-9				2.6E+01		2.6E+01			
				7.0E-04	I					~Lithium Perchlorate	7791-03-9				2.6E+01		2.6E+01			
				7.0E-04	I					~Perchlorate and Perchlorate Salts	14797-73-0				2.6E+01		2.6E+01	1.5E+01(F)		
				7.0E-04	I					~Potassium Perchlorate	7778-74-7				2.6E+01		2.6E+01			
				7.0E-04	I					~Sodium Perchlorate	7601-89-0				2.6E+01		2.6E+01			
				5.0E-02	I					Permethrin	52645-53-1				1.8E+03		1.8E+03		4.3E+02	
2.2E-03	C	6.3E-07	C							Phenacetin	62-44-2	3.1E+01		3.1E+01					8.6E-03	
				2.5E-01	I					Phenmedipham	13684-63-4				9.1E+03		9.1E+03		4.9E+01	
				3.0E-01	I	2.0E-01	C			Phenol	108-95-2				1.1E+04		1.1E+04		6.3E+00	
				5.0E-04	X					Phenothiazine	92-84-2				1.8E+01		1.8E+01			
				6.0E-03	I					Phenylenediamine, m-	108-45-2				2.2E+02		2.2E+02		5.9E-02	
4.7E-02	H									Phenylenediamine, o-	95-54-5	1.4E+00		1.4E+00					3.8E-04	
				1.9E-01	H					Phenylenediamine, p-	106-50-3				6.9E+03		6.9E+03		1.9E+00	
1.9E-03	H									Phenylphenol, 2-	90-43-7	3.5E+01		3.5E+01					4.7E-01	
				2.0E-04	H					Phorate	298-02-2				7.3E+00		7.3E+00		8.2E-03	
						3.0E-04	I	V		Phosgene	75-44-5									
				2.0E-02	I					Phosmet	732-11-6				7.3E+02		7.3E+02		1.6E-01	
										Phosphates, Inorganic										
				4.9E+01	P					~Aluminum metaphosphate	13776-88-0				1.8E+06		1.8E+06			
				4.9E+01	P					~Ammonium polyphosphate	68333-79-9				1.8E+06		1.8E+06			
				4.9E+01	P					~Calcium pyrophosphate	7790-76-3				1.8E+06		1.8E+06			
				4.9E+01	P					~Diammonium phosphate	7783-28-0				1.8E+06		1.8E+06			
				4.9E+01	P					~Dicalcium phosphate	7757-93-9				1.8E+06		1.8E+06			
				4.9E+01	P					~Dimagnesium phosphate	7782-75-4				1.8E+06		1.8E+06			
				4.9E+01	P					~Dipotassium phosphate	7758-11-4				1.8E+06		1.8E+06			
				4.9E+01	P					~Disodium phosphate	7558-79-4				1.8E+06		1.8E+06			
				4.9E+01	P					~Monoaluminum phosphate	13530-50-2				1.8E+06		1.8E+06			

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				4.9E+01	P					~Monoammonium phosphate	7722-76-1				1.8E+06		1.8E+06			
				4.9E+01	P					~Monocalcium phosphate	7758-23-8				1.8E+06		1.8E+06			
				4.9E+01	P					~Monomagnesium phosphate	7757-86-0				1.8E+06		1.8E+06			
				4.9E+01	P					~Monopotassium phosphate	7778-77-0				1.8E+06		1.8E+06			
				4.9E+01	P					~Monosodium phosphate	7558-80-7				1.8E+06		1.8E+06			
				4.9E+01	P					~Polyphosphoric acid	8017-16-1				1.8E+06		1.8E+06			
				4.9E+01	P					~Potassium tripolyphosphate	13845-36-8				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium acid pyrophosphate	7758-16-9				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium aluminum phosphate (acidic)	7785-88-8				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium aluminum phosphate (anhydrous)	10279-59-1				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium aluminum phosphate (tetrahydrate)	10305-76-7				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium hexametaphosphate	10124-56-8				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium polyphosphate	68915-31-1				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium trimetaphosphate	7785-84-4				1.8E+06		1.8E+06			
				4.9E+01	P					~Sodium tripolyphosphate	7758-29-4				1.8E+06		1.8E+06			
				4.9E+01	P					~Tetrapotassium phosphate	7320-34-5				1.8E+06		1.8E+06			
				4.9E+01	P					~Tetrasodium pyrophosphate	7722-88-5				1.8E+06		1.8E+06			
				4.9E+01	P					~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5				1.8E+06		1.8E+06			
				4.9E+01	P					~Tricalcium phosphate	7758-87-4				1.8E+06		1.8E+06			
				4.9E+01	P					~Trimagnesium phosphate	7757-87-1				1.8E+06		1.8E+06			
				4.9E+01	P					~Tripotassium phosphate	7778-53-2				1.8E+06		1.8E+06			
				4.9E+01	P					~Trisodium phosphate	7601-54-9				1.8E+06		1.8E+06			
				3.0E-04	I	3.0E-04	I			Phosphine	7803-51-2				1.1E+01		1.1E+01			
				4.9E+01	P	1.0E-02	I			Phosphoric Acid	7664-38-2				1.8E+06		1.8E+06			
				2.0E-05	I					Phosphorus, White	7723-14-0				7.3E-01		7.3E-01		2.7E-03	
				1.0E+00	H					Phthalic Acid, P-	100-21-0				3.7E+04		3.7E+04		1.3E+01	
				2.0E+00	I	2.0E-02	C			Phthalic Anhydride	85-44-9				7.3E+04		7.3E+04		1.6E+01	
				7.0E-02	I					Picloram	1918-02-1				2.6E+03		2.6E+03	5.0E+02	7.1E-01	1.4E-01
				1.0E-04	X					Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3				3.7E+00		3.7E+00		2.4E-03	
				1.0E-02	I					Pirimiphos, Methyl	29232-93-7				3.7E+02		3.7E+02		3.5E-01	
3.0E+01	C	8.6E-03	C	7.0E-06	H					Polybrominated Biphenyls	59536-65-1	2.2E-03		2.2E-03	2.6E-01		2.6E-01			
										Polychlorinated Biphenyls (PCBs)										
7.0E-02	S	2.0E-05	S	7.0E-05	I					~Aroclor 1016	12674-11-2	9.6E-01		9.6E-01	2.6E+00		2.6E+00		9.2E-02	
2.0E+00	S	5.7E-04	S					V		~Aroclor 1221	11104-28-2	3.4E-02	8.5E-03	6.8E-03					1.2E-04	
2.0E+00	S	5.7E-04	S					V		~Aroclor 1232	11141-16-5	3.4E-02	8.5E-03	6.8E-03					1.2E-04	
2.0E+00	S	5.7E-04	S							~Aroclor 1242	53469-21-9	3.4E-02		3.4E-02					5.3E-03	
2.0E+00	S	5.7E-04	S							~Aroclor 1248	12672-29-6	3.4E-02		3.4E-02					5.2E-03	
2.0E+00	S	5.7E-04	S	2.0E-05	I					~Aroclor 1254	11097-69-1	3.4E-02		3.4E-02	7.3E-01		7.3E-01		8.8E-03	
2.0E+00	S	5.7E-04	S							~Aroclor 1260	11096-82-5	3.4E-02		3.4E-02					2.4E-02	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.7E-02		1.7E-02	1.2E+00		1.2E+00		1.2E-02	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.7E-02		1.7E-02	1.2E+00		1.2E+00		7.2E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.7E-02		1.7E-02	1.2E+00		1.2E+00		7.4E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.7E-02		1.7E-02	1.2E+00		1.2E+00		7.4E-03	
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.7E-05		1.7E-05	1.2E-03		1.2E-03		7.2E-06	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.7E-02		1.7E-02	1.2E+00		1.2E+00		4.5E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.7E-02		1.7E-02	1.2E+00		1.2E+00		4.4E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.7E-02		1.7E-02	1.2E+00		1.2E+00		4.5E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.7E-02		1.7E-02	1.2E+00		1.2E+00		4.5E-03	
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	5.2E-06		5.2E-06	3.7E-04		3.7E-04		1.3E-06	
2.0E+00	I	5.7E-04	I							~Polychlorinated Biphenyls (high risk)	1336-36-3									
4.0E-01	I	1.0E-04	I							~Polychlorinated Biphenyls (low risk)	1336-36-3	1.7E-01		1.7E-01				5.0E-01	2.6E-02	7.8E-02
7.0E-02	I	2.0E-05	I							~Polychlorinated Biphenyls (lowest risk)	1336-36-3									
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	5.2E-03		5.2E-03	3.7E-01		3.7E-01		8.1E-04	
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.7E-03		1.7E-03	1.2E-01		1.2E-01		2.7E-04	
						6.0E-04	I			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9									
										Polynuclear Aromatic Hydrocarbons (PAHs)										
				6.0E-02	I			V		~Acenaphthene	83-32-9				2.2E+03		2.2E+03		2.2E+01	
				3.0E-01	I			V		~Anthracene	120-12-7				1.1E+04		1.1E+04		3.6E+02	
7.3E-01	E	1.1E-04	C						M	~Benz[a]anthracene	56-55-3	2.9E-02		2.9E-02					1.0E-02	
1.2E+00	C	1.1E-04	C							~Benzo(j)fluoranthene	205-82-3	5.6E-02		5.6E-02					6.7E-02	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
7.3E+00	I	1.1E-03	C						M	~Benzo[a]pyrene	50-32-8	2.9E-03		2.9E-03				2.0E-01	3.5E-03	2.4E-01
7.3E-01	E	1.1E-04	C						M	~Benzo[b]fluoranthene	205-99-2	2.9E-02		2.9E-02					3.5E-02	
7.3E-02	E	1.1E-04	C						M	~Benzo[k]fluoranthene	207-08-9	2.9E-01		2.9E-01					3.5E-01	
7.3E-03	E	1.1E-05	C						M	~Chrysene	218-01-9	2.9E+00		2.9E+00					1.1E+00	
7.3E+00	E	1.2E-03	C						M	~Dibenz[a,h]anthracene	53-70-3	2.9E-03		2.9E-03					1.1E-02	
1.2E+01	C	1.1E-03	C							~Dibenzo(a,e)pyrene	192-65-4	5.6E-03		5.6E-03					7.3E-02	
2.5E+02	C	7.1E-02	C						M	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	8.6E-05		8.6E-05					8.5E-05	
				4.0E-02	I					~Fluoranthene	206-44-0				1.5E+03		1.5E+03		1.6E+02	
				4.0E-02	I			V		~Fluorene	86-73-7				1.5E+03		1.5E+03		2.7E+01	
7.3E-01	E	1.1E-04	C						M	~Indeno[1,2,3-cd]pyrene	193-39-5	2.9E-02		2.9E-02					1.2E-01	
2.9E-02	P			7.0E-02	A			V		~Methylnaphthalene, 1-	90-12-0	2.3E+00		2.3E+00	2.6E+03		2.6E+03		1.2E-02	
				4.0E-03	I			V		~Methylnaphthalene, 2-	91-57-6				1.5E+02		1.5E+02		7.5E-01	
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		~Naphthalene	91-20-3		1.4E-01	1.4E-01	7.3E+02	6.3E+00	6.2E+00		4.7E-04	
1.2E+00	C	1.1E-04	C							~Nitropyrene, 4-	57835-92-4	5.6E-02		5.6E-02					9.7E-03	
				3.0E-02	I			V		~Pyrene	129-00-0				1.1E+03		1.1E+03		1.2E+02	
1.5E-01	I			9.0E-03	I					Prochloraz	67747-09-5	4.5E-01		4.5E-01	3.3E+02		3.3E+02		2.3E-03	
				6.0E-03	H					Profluralin	26399-36-0				2.2E+02		2.2E+02		1.3E+01	
				1.5E-02	I					Prometon	1610-18-0				5.5E+02		5.5E+02		2.6E-01	
				4.0E-03	I					Prometryn	7287-19-6				1.5E+02		1.5E+02		2.2E-01	
				1.3E-02	I					Propachlor	1918-16-7				4.7E+02		4.7E+02		2.9E-01	
				5.0E-03	I					Propanil	709-98-8				1.8E+02		1.8E+02		1.0E-01	
				2.0E-02	I					Propargite	2312-35-8				7.3E+02		7.3E+02		5.4E+01	
				2.0E-03	I					Propargyl Alcohol	107-19-7				7.3E+01		7.3E+01		1.5E-02	
				2.0E-02	I					Propazine	139-40-2				7.3E+02		7.3E+02		6.5E-01	
				2.0E-02	I					Propham	122-42-9				7.3E+02		7.3E+02		4.7E-01	
				1.3E-02	I					Propiconazole	60207-90-1				4.7E+02		4.7E+02		1.6E+00	
						8.0E-03	I	V		Propionaldehyde	123-38-6					1.7E+01	1.7E+01		3.4E-03	
				1.0E-01	X	1.0E+00	X	V		Propyl benzene	103-65-1				3.7E+03	2.1E+03	1.3E+03		2.5E+00	
						3.0E+00	C			Propylene	115-07-1									
				2.0E+01	P					Propylene Glycol	57-55-6				7.3E+05		7.3E+05		1.5E+02	
						2.7E-04	A	V		Propylene Glycol Dinitrate	6423-43-4					5.7E-01	5.7E-01		1.8E-04	
				7.0E-01	H					Propylene Glycol Monoethyl Ether	1569-02-4				2.6E+04		2.6E+04		5.2E+00	
				7.0E-01	H	2.0E+00	I			Propylene Glycol Monomethyl Ether	107-98-2				2.6E+04		2.6E+04		5.2E+00	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		Propylene Oxide	75-56-9	2.8E-01	1.3E+00	2.3E-01		6.3E+01	6.3E+01		4.9E-05	
				2.5E-01	I					Pursuit	81335-77-5				9.1E+03		9.1E+03		8.0E+00	
				2.5E-02	I					Pydrin	51630-58-1				9.1E+02		9.1E+02		5.8E+02	
				1.0E-03	I			V		Pyridine	110-86-1				3.7E+01		3.7E+01		1.3E-02	
				5.0E-04	I					Quinalphos	13593-03-8				1.8E+01		1.8E+01		1.6E-01	
3.0E+00	I									Quinoline	91-22-5	2.2E-02		2.2E-02					7.4E-05	
						3.0E-02	A			Refractory Ceramic Fibers	NA									
				3.0E-02	I					Resmethrin	10453-86-8				1.1E+03		1.1E+03		6.8E+02	
				5.0E-02	H					Ronnel	299-84-3				1.8E+03		1.8E+03		1.7E+01	
				4.0E-03	I					Rotenone	83-79-4				1.5E+02		1.5E+02		7.6E+01	
2.2E-01	C	6.3E-05	C						M	Safrole	94-59-7	9.8E-02		9.8E-02					6.0E-05	
				2.5E-02	I					Savey	78587-05-0				9.1E+02		9.1E+02		4.1E+00	
				5.0E-03	I					Selenious Acid	7783-00-8				1.8E+02		1.8E+02			
				5.0E-03	I	2.0E-02	C			Selenium	7782-49-2				1.8E+02		1.8E+02	5.0E+01	9.5E-01	2.6E-01
				5.0E-03	C	2.0E-02	C			Selenium Sulfide	7446-34-6				1.8E+02		1.8E+02			
				9.0E-02	I					Sethoxydim	74051-80-2				3.3E+03		3.3E+03		2.9E+01	
						3.0E-03	C			Silica (crystalline, respirable)	7631-86-9									
				5.0E-03	I					Silver	7440-22-4				1.8E+02		1.8E+02		1.6E+00	
1.2E-01	H			5.0E-03	I					Simazine	122-34-9	5.6E-01		5.6E-01	1.8E+02		1.8E+02	4.0E+00	2.8E-04	2.0E-03
				1.3E-02	I					Sodium Acifluorfen	62476-59-9				4.7E+02		4.7E+02		3.8E+00	
				4.0E-03	I					Sodium Azide	26628-22-8				1.5E+02		1.5E+02			
2.7E-01	H			3.0E-02	I					Sodium Diethyldithiocarbamate	148-18-5	2.5E-01		2.5E-01	1.1E+03		1.1E+03			
				5.0E-02	A	1.3E-02	C			Sodium Fluoride	7681-49-4				1.8E+03		1.8E+03			
				2.0E-05	I					Sodium Fluoroacetate	62-74-8				7.3E-01		7.3E-01		1.5E-04	
				1.0E-03	H					Sodium Metavanadate	13718-26-8				3.7E+01		3.7E+01			
2.4E-02	H			3.0E-02	I					Stirofos (Tetrachlorovinphos)	961-11-5	2.8E+00		2.8E+00	1.1E+03		1.1E+03		8.3E-03	
				6.0E-01	I					Strontium, Stable	7440-24-6				2.2E+04		2.2E+04		7.7E+02	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				3.0E-04	I					Strychnine	57-24-9				1.1E+01		1.1E+01		1.2E-01	
				2.0E-01	I	1.0E+00	I	V		Styrene	100-42-5				7.3E+03	2.1E+03	1.6E+03	1.0E+02	1.8E+00	1.1E-01
				8.0E-04	P					Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9				2.9E+01		2.9E+01		1.7E-01	
						1.0E-03	C			Sulfuric Acid	7664-93-9									
				2.5E-02	I					Systhane	88671-89-0				9.1E+02		9.1E+02		1.1E+01	
				3.0E-02	H					TCMTB	21564-17-0				1.1E+03		1.1E+03		7.6E+00	
				7.0E-02	I					Tebuthiuron	34014-18-1				2.6E+03		2.6E+03		7.3E-01	
				2.0E-02	H					Temephos	3383-96-8				7.3E+02		7.3E+02		1.4E+02	
				1.3E-02	I					Terbacil	5902-51-2				4.7E+02		4.7E+02		1.4E-01	
				2.5E-05	H					Terbufos	13071-79-9				9.1E-01		9.1E-01		2.0E-03	
				1.0E-03	I					Terbutryn	886-50-0				3.7E+01		3.7E+01		5.2E-02	
				1.0E-04	I					Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1				3.7E+00		3.7E+00		9.7E-02	
				3.0E-04	I					Tetrachlorobenzene, 1,2,4,5-	95-94-3				1.1E+01		1.1E+01		5.1E-02	
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E+00	6.6E-01	5.2E-01	1.1E+03		1.1E+03		2.0E-04	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		Tetrachloroethane, 1,1,2,2-	79-34-5	3.4E-01	8.4E-02	6.7E-02	7.3E+02		7.3E+02		2.6E-05	
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		Tetrachloroethylene	127-18-4	1.2E-01	8.2E-01	1.1E-01	3.7E+02	5.7E+02	2.2E+02	5.0E+00	4.9E-05	2.3E-03
				3.0E-02	I					Tetrachlorophenol, 2,3,4,6-	58-90-2				1.1E+03		1.1E+03		6.7E+00	
2.0E+01	H									Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.4E-03		3.4E-03					1.1E-05	
				5.0E-04	I					Tetraethyl Dithiopyrophosphate	3689-24-5				1.8E+01		1.8E+01		1.3E-02	
						8.0E+01	I	V		Tetrafluoroethane, 1,1,1,2-	811-97-2					1.7E+05	1.7E+05		9.3E+01	
				4.0E-03	P					Tetryl (Trinitrophenylmethylnitramine)	479-45-8				1.5E+02		1.5E+02		1.4E+00	
				1.0E-05	X					Thallium (Soluble Salts)	7440-28-0				3.7E-01		3.7E-01	2.0E+00	2.6E-02	1.4E-01
				1.0E-02	I					Thiobencarb	28249-77-6				3.7E+02		3.7E+02		1.3E+00	
				7.0E-02	X					Thiodiglycol	111-48-8				2.6E+03		2.6E+03		5.2E-01	
				3.0E-04	H					Thiofanox	39196-18-4				1.1E+01		1.1E+01		3.8E-03	
				8.0E-02	I					Thiophanate, Methyl	23564-05-8				2.9E+03		2.9E+03		2.5E+00	
				5.0E-03	I					Thiram	137-26-8				1.8E+02		1.8E+02		2.6E-01	
				6.0E-01	H					Tin	7440-31-5				2.2E+04		2.2E+04		5.5E+03	
						1.0E-04	A			Titanium Tetrachloride	7550-45-0									
				8.0E-02	I	5.0E+00	I	V		Toluene	108-88-3				2.9E+03	1.0E+04	2.3E+03	1.0E+03	1.6E+00	6.9E-01
1.8E-01	X			1.0E-04	X					Toluene-2,5-diamine	95-70-5	3.7E-01		3.7E-01	3.7E+00		3.7E+00		1.2E-04	
1.9E-01	H									Toluidine, p-	106-49-0	3.5E-01		3.5E-01					1.5E-04	
1.1E+00	I	3.2E-04	I							Toxaphene	8001-35-2	6.1E-02		6.1E-02				3.0E+00	9.4E-03	4.6E-01
				7.5E-03	I					Tralomethrin	66841-25-6				2.7E+02		2.7E+02		1.0E+02	
				3.0E-04	A					Tri-n-butyltin	688-73-3				1.1E+01		1.1E+01		2.4E-01	
				1.3E-02	I					Triallate	2303-17-5				4.7E+02		4.7E+02		1.1E+00	
				1.0E-02	I					Triasulfuron	82097-50-5				3.7E+02		3.7E+02		3.8E-01	
				5.0E-03	I					Tribromobenzene, 1,2,4-	615-54-3				1.8E+02		1.8E+02		2.6E-01	
9.0E-03	P			1.0E-02	P					Tributyl Phosphate	126-73-8	7.5E+00		7.5E+00	3.7E+02		3.7E+02		3.7E-02	
				3.0E-04	P					Tributyltin Compounds	NA				1.1E+01		1.1E+01			
				3.0E-04	I					Tributyltin Oxide	56-35-9				1.1E+01		1.1E+01		5.7E+02	
				3.0E+01	I	3.0E+01	H	V		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				1.1E+06	6.3E+04	5.9E+04		1.5E+02	
										Trichloroacetic Acid	76-03-9							6.0E+01		1.2E-02
2.9E-02	H									Trichloroaniline HCl, 2,4,6-	33663-50-2	2.3E+00		2.3E+00					6.4E-03	
7.0E-03	X			3.0E-05	X					Trichloroaniline, 2,4,6-	634-93-5	9.6E+00		9.6E+00	1.1E+00		1.1E+00		9.9E-03	
				8.0E-04	X			V		Trichlorobenzene, 1,2,3-	87-61-6				2.9E+01		2.9E+01		8.7E-02	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1	2.3E+00		2.3E+00	3.7E+02	4.2E+00	4.1E+00	7.0E+01	6.8E-03	2.0E-01
				2.0E+00	I	5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6				7.3E+04	1.0E+04	9.1E+03	2.0E+02	3.2E+00	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	1.2E+00	3.0E-01	2.4E-01	1.5E+02	4.2E-01	4.2E-01	5.0E+00	7.8E-05	1.6E-03
5.9E-03	C	2.0E-06	C			1.0E-02	Y	V		Trichloroethylene	79-01-6	1.1E+01	2.4E+00	2.0E+00		2.1E+01	2.1E+01	5.0E+00	7.2E-04	1.8E-03
				3.0E-01	I	7.0E-01	H	V		Trichlorofluoromethane	75-69-4				1.1E+04	1.5E+03	1.3E+03		8.3E-01	
				1.0E-01	I					Trichlorophenol, 2,4,5-	95-95-4				3.7E+03		3.7E+03		1.4E+01	
1.1E-02	I	3.1E-06	I	1.0E-03	P					Trichlorophenol, 2,4,6-	88-06-2	6.1E+00		6.1E+00	3.7E+01		3.7E+01		2.3E-02	
				1.0E-02	I					Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5				3.7E+02		3.7E+02		1.5E-01	
				8.0E-03	I					Trichlorophenoxypropionic acid, -2,4,5	93-72-1				2.9E+02		2.9E+02	5.0E+01	1.6E-01	2.8E-02
				5.0E-03	I			V		Trichloropropane, 1,1,2-	598-77-6				1.8E+02		1.8E+02		7.1E-02	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4	7.2E-04		7.2E-04	1.5E+02	6.3E-01	6.2E-01		3.1E-07	
				3.0E-03	X	3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5				1.1E+02	6.3E-01	6.2E-01		3.1E-04	
				3.0E-03	I					Tridiphane	58138-08-2				1.1E+02		1.1E+02		7.8E-01	
						7.0E-03	I	V		Triethylamine	121-44-8					1.5E+01	1.5E+01		4.4E-03	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL HQ=1 (ug/L)	Inhalation SL HQ=1 (ug/L)	Noncarcinogenic SL HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
7.7E-03	I			7.5E-03	I					Trifluralin	1582-09-8	8.7E+00		8.7E+00	2.7E+02		2.7E+02		2.9E-01	
2.0E-02	P			1.0E-02	P					Trimethyl Phosphate	512-56-1	3.4E+00		3.4E+00	3.7E+02		3.7E+02		7.4E-04	
						5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8					1.0E+01	1.0E+01			
						7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6					1.5E+01	1.5E+01		2.1E-02	
				1.0E-02	X			V		Trimethylbenzene, 1,3,5-	108-67-8				3.7E+02		3.7E+02		5.2E-01	
				3.0E-02	I					Trinitrobenzene, 1,3,5-	99-35-4				1.1E+03		1.1E+03		3.9E+00	
3.0E-02	I			5.0E-04	I					Trinitrotoluene, 2,4,6-	118-96-7	2.2E+00		2.2E+00	1.8E+01		1.8E+01		1.3E-02	
				2.0E-02	P					Triphenylphosphine Oxide	791-28-6				7.3E+02		7.3E+02		3.0E+00	
2.0E-02	P			7.0E-03	P					Tris(2-chloroethyl)phosphate	115-96-8	3.4E+00		3.4E+00	2.6E+02		2.6E+02		3.3E-03	
3.2E-03	P			1.0E-01	P					Tris(2-ethylhexyl)phosphate	78-42-2	2.1E+01		2.1E+01	3.7E+03		3.7E+03		1.0E+02	
				3.0E-03	I	3.0E-04	A			Uranium (Soluble Salts)	NA				1.1E+02		1.1E+02	3.0E+01	4.9E+01	1.4E+01
1.0E+00	C	2.9E-04	C						M	Urethane	51-79-6	2.2E-02		2.2E-02					4.8E-06	
		8.3E-03	P	9.0E-03	I	7.0E-06	P			Vanadium Pentoxide	1314-62-1				3.3E+02		3.3E+02			
				2.0E-02	H					Vanadium Sulfate	36907-42-3				7.3E+02		7.3E+02			
				5.0E-03	S					Vanadium and Compounds	NA				1.8E+02		1.8E+02		1.8E+02	
				1.0E-03	I					Vernolate	1929-77-7				3.7E+01		3.7E+01		2.9E-02	
				2.5E-02	I					Vinclozolin	50471-44-8				9.1E+02		9.1E+02		7.0E-01	
				1.0E+00	H	2.0E-01	I	V		Vinyl Acetate	108-05-4				3.7E+04	4.2E+02	4.1E+02		8.8E-02	
		3.2E-05	H			3.0E-03	I	V		Vinyl Bromide	593-60-2		1.5E-01	1.5E-01		6.3E+00	6.3E+00		4.4E-05	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	1.7E-02	3.2E-01	1.6E-02	1.1E+02	2.1E+02	7.2E+01	2.0E+00	5.6E-06	6.9E-04
				3.0E-04	I					Warfarin	81-81-2				1.1E+01		1.1E+01		1.2E-02	
				2.0E-01	S	1.0E-01	S	V		Xylene, P-	106-42-3				7.3E+03	2.1E+02	2.0E+02		2.0E-01	
				2.0E-01	S	1.0E-01	S	V		Xylene, m-	108-38-3				7.3E+03	2.1E+02	2.0E+02		2.0E-01	
				2.0E-01	S	1.0E-01	S	V		Xylene, o-	95-47-6				7.3E+03	2.1E+02	2.0E+02		2.0E-01	
				2.0E-01	I	1.0E-01	I	V		Xylenes	1330-20-7				7.3E+03	2.1E+02	2.0E+02	1.0E+04	2.0E-01	9.8E+00
				3.0E-04	I					Zinc Phosphide	1314-84-7				1.1E+01		1.1E+01			
				3.0E-01	I					Zinc and Compounds	7440-66-6				1.1E+04		1.1E+04		6.8E+02	
				5.0E-02	I					Zineb	12122-67-7				1.8E+03		1.8E+03		5.3E+00	

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
ALAR	1596-84-5	160.17	EPI	1.7294E-08	4.23E-10	EPI			0.064422	WATER9	7.5272E-06	WATER9	10	EPI	100000	EPI
Acephate	30560-19-1	183.16	EPI	2.048E-11	5.01E-13	EPI	1.35	CRC89	0.037354	WATER9	7.9758E-06	WATER9	10	EPI	818000	EPI
Acetaldehyde	75-07-0	44.05	EPI	0.0027269	0.0000667	EPI	0.7834	CRC89	0.12771	WATER9	0.0000135	WATER9	1	EPI	1000000	EPI
Acetochlor	34256-82-1	269.77	EPI	9.1169E-07	2.23E-08	EPI			0.045508	WATER9	5.3173E-06	WATER9	298.4	EPI	223	EPI
Acetone	67-64-1	58.08	EPI	0.0014309	0.000035	EPI	0.7845	CRC89	0.105923	WATER9	0.0000115	WATER9	2.364	EPI	1000000	EPI
Acetone Cyanohydrin	75-86-5	85.11	EPI	0.0005315	0.000013	EPI	0.932	CRC89	0.085946	WATER9	0.0000101	WATER9	1	EPI	1000000	EPI
Acetonitrile	75-05-8	41.05	EPI	0.0014105	0.0000345	EPI	0.7857	CRC89	0.134	WATER9	0.0000141	WATER9	4.67	EPI	1000000	EPI
Acetophenone	98-86-2	120.15	EPI	0.0004252	0.0000104	EPI	1.0281	CRC89	0.065222	WATER9	8.7229E-06	WATER9	51.85	EPI	6130	EPI
Acetylaminofluorene, 2-	53-96-3	223.28	EPI	7.8496E-09	1.92E-10	EPI			0.051624	WATER9	6.0319E-06	WATER9	2206	EPI	0	LANGE
Acrolein	107-02-8	56.06	EPI	0.0049877	0.000122	EPI	0.84	CRC89	0.111693	WATER9	0.0000122	WATER9	1	EPI	212000	EPI
Acrylamide	79-06-1	71.08	EPI	6.9501E-08	1.7E-09	EPI	1.222	LANGE	0.110399	WATER9	0.0000133	WATER9	5.694	EPI	390000	EPI
Acrylic Acid	79-10-7	72.06	EPI	0.0000151	0.00000037	EPI	1.0511	CRC89	0.102722	WATER9	0.000012	WATER9	1.44	EPI	1000000	EPI
Acrylonitrile	107-13-1	53.06	EPI	0.0056419	0.000138	EPI	0.8007	CRC89	0.11369	WATER9	0.0000123	WATER9	8.511	EPI	74500	EPI
Adiponitrile	111-69-3	108.14	EPI	4.9469E-08	1.21E-09	EPI	0.9676	CRC89	0.070778	WATER9	8.9598E-06	WATER9	20.18	EPI	80000	EPI
Alachlor	15972-60-8	269.77	EPI	3.4015E-07	8.32E-09	EPI	1.133	CRC89	0.022641	WATER9	5.6913E-06	WATER9	312.3	EPI	240	EPI
Aldicarb	116-06-3	190.26	EPI	5.8872E-08	1.44E-09	EPI	1.195	CRC89	0.031868	WATER9	7.2458E-06	WATER9	24.64	EPI	6030	EPI
Aldicarb Sulfone	1646-88-4	222.26	EPI	1.3778E-07	3.37E-09	EPI			0.051782	WATER9	6.0503E-06	WATER9	10	EPI	10000	EPI
Aldrin	309-00-2	364.92	EPI	0.0017989	0.000044	EPI			0.037207	WATER9	4.3473E-06	WATER9	82020	EPI	0.017	EPI
Ally	74223-64-6	381.37	EPI	5.397E-15	1.32E-16	EPI			0.036129	WATER9	4.2214E-06	WATER9	92.5	EPI	9500	EPI
Allyl Alcohol	107-18-6	58.08	EPI	0.000204	0.00000499	EPI	0.854	CRC89	0.109755	WATER9	0.0000121	WATER9	1.904	EPI	1000000	EPI
Allyl Chloride	107-05-1	76.53	EPI	0.4497138	0.011	EPI	0.9376	CRC89	0.093607	WATER9	0.0000108	WATER9	39.6	EPI	3370	EPI
Aluminum	7429-90-5	26.9815	EPI				2.7	CRC89								
Aluminum Phosphide	20859-73-8	57.96	EPI				2.4	CRC89								
Amdro	67485-29-4	494.49	EPI	0.0000899	0.0000022	EPI			0.030384	WATER9	3.5502E-06	WATER9	179700000	EPI	0.006	EPI
Ametryn	834-12-8	227.33	EPI	9.9346E-08	2.43E-09	EPI			0.051009	WATER9	0.00000596	WATER9	428.2	EPI	209	EPI
Aminobiphenyl, 4-	92-67-1	169.23	EPI	7.0728E-06	0.000000173	EPI			0.062102	WATER9	7.2561E-06	WATER9	2471	EPI	128.81	EPI
Aminophenol, m-	591-27-5	109.13	EPI	1.0957E-08	2.68E-10	EPI			0.0832	WATER9	9.7213E-06	WATER9	90.2	EPI	27000	EPI
Aminophenol, p-	123-30-8	109.13	EPI	1.4677E-08	3.59E-10	EPI			0.0832	WATER9	9.7213E-06	WATER9	90.2	EPI	16000	EPI
Amitraz	33089-61-1	293.42	EPI	0.0004035	0.00000987	EPI	1.128	CRC89	0.021614	WATER9	5.3971E-06	WATER9	257300	EPI	1	EPI
Ammonia	7664-41-7	17.03	EPI	0.0006582	0.0000161	PHYSPROP	0.696	CRC89							899000	PERRY
Ammonium Sulfamate	7773-06-0	97.09	EPI												147000	EPI
Aniline	62-53-3	93.13	EPI	0.0000826	0.00000202	EPI	1.0217	CRC89	0.083011	WATER9	0.0000101	WATER9	70.23	EPI	36000	EPI
Anthraquinone, 9,10-	84-65-1															
Antimony (metallic)	7440-36-0	121.75	EPI				6.68	CRC89								
Antimony Pentoxide	1314-60-9	323.517	CRC89				3.78	CRC89							3000	CRC89
Antimony Potassium Tartrate	11071-15-1	613.83	EPI												52600	EPI
Antimony Tetroxide	1332-81-6	307.52	EPI				6.64	CRC89								
Antimony Trioxide	1309-64-4	291.52	EPI				5.58	CRC89								
Apollo	74115-24-5	303.15	EPI	1.5944E-08	3.9E-10	EPI			0.042103	WATER9	4.9194E-06	WATER9	30210	EPI	1	EPI
Aramite	140-57-8	334.86	EPI	7.7678E-06	0.00000019	EPI	1.143	CRC89	0.02029	WATER9	5.0255E-06	WATER9	5550	EPI	2.5922	EPI
Arsenic, Inorganic	7440-38-2	74.9216	EPI				5.75	CRC89								
Arsine	7784-42-1	77.95	EPI				3.186	CRC89							200000	PERRY
Assure	76578-14-8	372.81	EPI	4.3336E-07	1.06E-08	EPI			0.03668	WATER9	4.2858E-06	WATER9	7736	EPI	0.3	EPI
Asulam	3337-71-1	230.24	EPI	6.991E-11	1.71E-12	EPI			0.050579	WATER9	5.9097E-06	WATER9	27.8	EPI	5000	EPI
Atrazine	1912-24-9	215.69	EPI	9.6484E-08	2.36E-09	EPI			0.052828	WATER9	6.1726E-06	WATER9	224.5	EPI	34.7	EPI
Auramine	492-80-8	267.38	EPI	1.4881E-07	3.64E-09	EPI			0.045779	WATER9	5.3489E-06	WATER9	4456	EPI	10000	EPI
Avermectin B1	65195-55-3	875.12	EPI	5.397E-26	1.32E-27	EPI			0.020767	WATER9	2.4265E-06	WATER9	876700	EPI	1.4194	EPI
Azobenzene	103-33-3	182.23	EPI	0.0005519	0.0000135	EPI	1.203	PERRY	0.035909	WATER9	7.4655E-06	WATER9	3759	EPI	6.4	EPI
Barium	7440-39-3	137.33	EPI				3.62	CRC89								
Baygon	114-26-1	209.25	EPI	5.8463E-08	1.43E-09	EPI	1.12	CRC89	0.025745	WATER9	6.5827E-06	WATER9	59.95	EPI	1860	EPI
Bayleton	43121-43-3	293.76	EPI	3.3156E-09	8.11E-11	EPI	1.22	CRC89	0.022429	WATER9	5.6532E-06	WATER9	298.5	EPI	71.5	EPI
Baythroid	68359-37-5	434.3	EPI	1.1856E-06	0.000000029	EPI			0.03313	WATER9	3.871E-06	WATER9	130600	EPI	0.003	EPI
Benefin	1861-40-1	335.29	EPI	0.011897	0.000291	EPI			0.039368	WATER9	4.5998E-06	WATER9	16390	EPI	0.1	EPI
Benomyl	17804-35-2	290.32	EPI	2.016E-10	4.93E-12	EPI			0.043335	WATER9	5.0633E-06	WATER9	336.2	EPI	3.8	EPI
Bentazon	25057-89-0	240.28	EPI	8.9125E-08	2.18E-09	EPI			0.04916	WATER9	5.7439E-06	WATER9	10	EPI	500	EPI
Benzaldehyde	100-52-7	106.13	EPI	0.0010916	0.0000267	EPI	1.0401	CRC89	0.074393	WATER9	9.4627E-06	WATER9	11.09	EPI	6950	EPI
Benzene	71-43-2	78.11	EPI	0.2269011	0.00555	EPI	0.8765	CRC89	0.089538	WATER9	0.0000103	WATER9	145.8	EPI	1790	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1															
Benzenethiol	108-98-5	110.17	EPI	0.0136958	0.000335	EPI	1.0775	CRC89	0.072863	WATER9	9.4511E-06	WATER9	233.9	EPI	835	EPI
Benzidine	92-87-5	184.24	EPI	2.8823E-09	7.05E-11	EPI			0.058681	WATER9	6.8564E-06	WATER9	1190	EPI	322	EPI
Benzoic Acid	65-85-0	122.12	EPI	1.5576E-06	3.81E-08	EPI	1.2659	CRC89	0.070194	WATER9	9.7868E-06	WATER9	16.55	EPI	3400	EPI
Benzotrichloride	98-07-7	195.48	EPI	0.0106296	0.00026	EPI	1.3723	CRC89	0.031256	WATER9	7.746E-06	WATER9	1001	EPI	53	EPI
Benzyl Alcohol	100-51-6	108.14	EPI	0.0000138	0.000000337	EPI	1.0419	CRC89	0.073119	WATER9	9.3665E-06	WATER9	21.46	EPI	42900	EPI
Benzyl Chloride	100-44-7	126.59	EPI	0.0168438	0.000412	EPI	1.1004	CRC89	0.063362	WATER9	8.8057E-06	WATER9	446.1	EPI	525	EPI
Beryllium and compounds	7440-41-7	9.01	EPI				1.85	CRC89								
Bidrin	141-66-2	237.19	EPI	2.0564E-09	5.03E-11	EPI	1.216	CRC89	0.025047	WATER9	6.4147E-06	WATER9	16.58	EPI	1000000	EPI
Bifenox	42576-02-3	342.14	EPI	4.4154E-06	0.000000108	EPI			0.038841	WATER9	4.5382E-06	WATER9	3679	EPI	0.398	EPI
Biphenthrin	82657-04-3	422.88	EPI	0.0000409	0.000001	EPI	1.2	CRC89	0.018376	WATER9	4.4983E-06	WATER9	2272000	EPI	0.1	EPI
Biphenyl, 1,1'-	92-52-4	154.21	EPI	0.012592	0.000308	EPI	1.04	CRC89	0.047059	WATER9	7.5618E-06	WATER9	5129	EPI	6.94	EPI
Bis(2-chloro-1-methylethyl) ether	108-60-1	171.07	EPI	0.0030335	0.0000742	EPI	1.103	CRC89	0.039889	WATER9	7.3606E-06	WATER9	82.92	EPI	1700	EPI
Bis(2-chloroethoxy)methane	111-91-1	173.04	EPI	0.0001574	0.00000385	EPI			0.061187	WATER9	7.1492E-06	WATER9	14.38	EPI	7800	EPI
Bis(2-chloroethyl)ether	111-44-4	143.01	EPI	0.000695	0.000017	EPI	1.22	CRC89	0.056719	WATER9	8.707E-06	WATER9	32.21	EPI	17200	EPI
Bis(2-ethylhexyl)phthalate	117-81-7	390.57	EPI	0.000011	0.00000027	EPI	0.981	CRC89	0.01734	WATER9	4.1807E-06	WATER9	119600	EPI	0.27	EPI
Bis(chloromethyl)ether	542-88-1	114.96	EPI	0.1782502	0.00436	EPI	1.323	CRC89	0.0763	WATER9	0.0000104	WATER9	9.699	EPI	22000	EPI
Bisphenol A	80-05-7	228.29	EPI	3.745E-10	9.16E-12	EPI			0.050866	WATER9	5.9433E-06	WATER9	37670	EPI	120	EPI
Boron And Borates Only	7440-42-8	13.84	EPI				2.34	CRC89								
Boron Trifluoride	7637-07-2	67.81	EPI				2.772	CRC89							3320000	EPI
Bromate	15541-45-4	79.9	EPI													
Bromo-2-chloroethane, 1-	107-04-0	143.41	EPI	0.0371627	0.000909	EPI	1.7392	CRC89	0.065925	WATER9	0.0000108	WATER9	39.6	EPI	6900	EPI
Bromobenzene	108-86-1	157.01	EPI	0.1009812	0.00247	EPI	1.495	CRC89	0.053713	WATER9	9.3004E-06	WATER9	233.9	EPI	446	EPI
Bromochloromethane	74-97-5	129.38	EPI	0.0596893	0.00146	EPI	1.9344	CRC89	0.078692	WATER9	0.0000122	WATER9	21.73	EPI	16700	EPI
Bromodichloromethane	75-27-4	163.83	EPI	0.0866721	0.00212	EPI	1.98	CRC89	0.056263	WATER9	0.0000107	WATER9	31.82	EPI	3030	EPI
Bromoform	75-25-2	252.73	EPI	0.0218724	0.000535	EPI	2.8788	CRC89	0.035732	WATER9	0.0000104	WATER9	31.82	EPI	3100	EPI
Bromomethane	74-83-9	94.94	EPI	0.3000818	0.00734	EPI	1.6755	CRC89	0.100497	WATER9	0.0000135	WATER9	13.22	EPI	15200	EPI
Bromophos	2104-96-3	365.99	EPI	0.008381	0.000205	EPI			0.037134	WATER9	4.3388E-06	WATER9	2019	EPI	0.3	EPI
Bromoxynil	1689-84-5	276.92	EPI	5.3966E-09	1.32E-10	EPI			0.044722	WATER9	5.2254E-06	WATER9	330.1	EPI	130	EPI
Bromoxynil Octanoate	1689-99-2	403.12	EPI	0.0013042	0.0000319	EPI			0.034818	WATER9	4.0681E-06	WATER9	4252	EPI	0.08	EPI
Butadiene, 1,3-	106-99-0	54.09	EPI	3.0089943	0.0736	EPI	0.6149	CRC89	0.100351	WATER9	0.0000103	WATER9	39.6	EPI	735	EPI
Butanol, N-	71-36-3	74.12	EPI	0.0003602	0.00000881	EPI	0.8095	CRC89	0.090042	WATER9	0.0000101	WATER9	3.471	EPI	63200	EPI
Butyl Benzyl Phthlate	85-68-7	312.37	EPI	0.0000515	0.00000126	EPI	1.119	CRC89	0.020832	WATER9	5.1733E-06	WATER9	7155	EPI	2.69	EPI
Butyl alcohol, sec-	78-92-2	74.12	EPI	0.0003704	0.00000906	EPI	0.8063	CRC89	0.089889	WATER9	0.0000101	WATER9	2.919	EPI	181000	EPI
Butylate	2008-41-5	217.37	EPI	0.0034546	0.0000845	EPI	0.9402	CRC89	0.023231	WATER9	5.7927E-06	WATER9	385.7	EPI	45	EPI
Butylated hydroxyanisole	25013-16-5	180.25	EPI	0.0000478	0.00000117	EPI			0.059544	WATER9	6.9572E-06	WATER9	840.7	EPI	742.97	EPI
Butylbenzene, n-	104-51-8	134.22	EPI	0.6500409	0.0159	EPI	0.8601	CRC89	0.052773	WATER9	7.3335E-06	WATER9	1482	EPI	11.8	EPI
Butylphthalyl Butylglycolate	85-70-1	336.39	EPI	1.2592E-07	3.08E-09	EPI	1.1	LANGE	0.019866	WATER9	4.8978E-06	WATER9	11240	EPI	8.4709	EPI
Cacodylic Acid	75-60-5	138	EPI						0.071149	WATER9	8.3132E-06	WATER9	43.89	EPI	2000000	EPI
Cadmium (Diet)	7440-43-9	112.41	EPI				8.69	CRC89								
Cadmium (Water)	7440-43-9	112.41	EPI				8.69	CRC89								
Caprolactam	105-60-2	113.16	EPI	1.0343E-06	2.53E-08	EPI	1.02	LANGE	0.069242	WATER9	8.9995E-06	WATER9	24.5	EPI	772000	EPI
Captafol	2425-06-1	349.06	EPI	2.0114E-07	4.92E-09	EPI			0.038325	WATER9	4.478E-06	WATER9	782.7	EPI	1.4	EPI
Captan	133-06-2	300.59	EPI	2.8618E-07	0.000000007	EPI	1.74	CRC89	0.026194	WATER9	6.8995E-06	WATER9	252.2	EPI	5.1	EPI
Carbaryl	63-25-2	201.23	EPI	1.3369E-07	3.27E-09	EPI	1.228	CRC89	0.027424	WATER9	7.1216E-06	WATER9	354.8	EPI	110	EPI
Carbofuran	1563-66-2	221.26	EPI	1.2633E-07	3.09E-09	EPI	1.18	CRC89	0.025615	WATER9	6.5684E-06	WATER9	95.25	EPI	320	EPI
Carbon Disulfide	75-15-0	76.13	EPI	0.5887163	0.0144	EPI	1.2632	CRC89	0.106447	WATER9	0.000013	WATER9	21.73	EPI	2160	EPI
Carbon Tetrachloride	56-23-5	153.82	EPI	1.1283729	0.0276	EPI	1.594	CRC89	0.057144	WATER9	9.7849E-06	WATER9	43.89	EPI	793	EPI
Carbosulfan	55285-14-8	380.55	EPI	0.0000209	0.000000512	EPI	1.056	CRC89	0.018239	WATER9	4.4384E-06	WATER9	11960	EPI	0.3	EPI
Carboxin	5234-68-4	235.3	EPI	1.3083E-08	3.2E-10	EPI			0.049851	WATER9	5.8247E-06	WATER9	169.4	EPI	147	EPI
Ceric oxide	1306-38-3	172.11	EPI				7.216	CRC89							107000	EPI
Chloral Hydrate	302-17-0	165.4	EPI	4.4563E-09	1.09E-10	EPI	1.9081	CRC89	0.054399	WATER9	0.0000104	WATER9	1	EPI	793000	EPI
Chloramben	133-90-4	206.03	EPI	1.5822E-09	3.87E-11	EPI			0.054467	WATER9	6.364E-06	WATER9	21.37	EPI	700	EPI
Chloranil	118-75-2	245.88	EPI	1.3369E-08	3.27E-10	EPI			0.04841	WATER9	5.6564E-06	WATER9	308.1	EPI	250	EPI
Chlordane	12789-03-6	409.78	EPI	0.0019869	0.0000486	EPI			0.034439	WATER9	4.0239E-06	WATER9	33780	EPI	0.056	EPI
Chlordecone (Kepone)	143-50-0	490.64	EPI	2.1995E-06	5.38E-08	EPI	1.61	CRC89	0.019647	WATER9	4.9081E-06	WATER9	17500	EPI	2.7	EPI
Chlorfenvinphos	470-90-6	359.58	EPI	1.1815E-06	2.89E-08	EPI			0.037574	WATER9	4.3903E-06	WATER9	1264	EPI	124	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Chlorimuron, Ethyl-	90982-32-4	414.82	EPI	7.441E-14	1.82E-15	EPI			0.03416	WATER9	3.9913E-06	WATER9	71.79	EPI	1200	EPI
Chlorine	7782-50-5	70.91	EPI	0.4783	0.0117	PHYSPROP	2.898	CRC89							6300	EPI
Chlorine Dioxide	10049-04-4	67.45	EPI				2.757	CRC89								
Chlorite (Sodium Salt)	7758-19-2	90.44	EPI												640000	CRC89
Chloro-1,1-difluoroethane, 1-	75-68-3	100.5	EPI	2.4039248	0.0588	EPI	1.107	CRC89	0.080393	WATER9	0.0000101	WATER9	43.89	EPI	1400	EPI
Chloro-1,3-butadiene, 2-	126-99-8	88.54	EPI	2.2935405	0.0561	EPI	0.956	CRC89	0.084147	WATER9	0.00001	WATER9	60.7	EPI	836.92	EPI
Chloro-2-methylaniline HCl, 4-	3165-93-3	141.6	EPI	0.0000814	0.00000199	EPI			0.069938	WATER9	8.1717E-06	WATER9	184.5	EPI	1732.4	EPI
Chloro-2-methylaniline, 4-	95-69-2	141.6	EPI	0.0000814	0.00000199	EPI			0.069938	WATER9	8.1717E-06	WATER9	184.5	EPI	1732.4	EPI
Chloroacetaldehyde, 2-	107-20-0	78.5	EPI	0.00074	0.0000181	EPI	1.19	CRC89	0.101505	WATER9	0.0000123	WATER9	1	EPI	266780	EPI
Chloroacetic Acid	79-11-8	94.5	EPI	3.7858E-07	9.26E-09	EPI	1.4043	CRC89	0.093821	WATER9	0.0000121	WATER9	1.44	EPI	858000	EPI
Chloroacetophenone, 2-	532-27-4	154.6	EPI	0.0001349	0.0000033	EPI	1.324	CRC89	0.052239	WATER9	8.7273E-06	WATER9	98.9	EPI	1100	PERRY
Chloroaniline, p-	106-47-8	127.57	EPI	0.0000474	0.00000116	EPI	1.429	CRC89	0.070385	WATER9	0.0000103	WATER9	112.7	EPI	3900	EPI
Chlorobenzene	108-90-7	112.56	EPI	0.1271464	0.00311	EPI	1.1058	CRC89	0.072131	WATER9	9.4765E-06	WATER9	233.9	EPI	498	EPI
Chlorobenzilate	510-15-6	325.19	EPI	2.9599E-06	7.24E-08	EPI	1.2816	CRC89	0.021777	WATER9	5.4782E-06	WATER9	1539	EPI	13	EPI
Chlorobenzoic Acid, p-	74-11-3	156.57	EPI	1.5863E-06	3.88E-08	EPI	1.541	PERRY	0.054689	WATER9	9.487E-06	WATER9	26.56	EPI	72	EPI
Chlorobenzotrifluoride, 4-	98-56-6	180.56	EPI	1.4186427	0.0347	EPI	1.334	CRC89	0.0385	WATER9	7.9872E-06	WATER9	1606	EPI	11.723	EPI
Chlorobutane, 1-	109-69-3	92.57	EPI	0.6827473	0.0167	EPI	0.8857	CRC89	0.078413	WATER9	9.3274E-06	WATER9	72.17	EPI	1100	EPI
Chlorodifluoromethane	75-45-6	86.47	EPI	1.6598528	0.0406	EPI	1.4909	CRC89	0.103378	WATER9	0.0000133	WATER9	31.82	EPI	2770	EPI
Chloroform	67-66-3	119.38	EPI	0.1500409	0.00367	EPI	1.4788	CRC89	0.07692	WATER9	0.0000109	WATER9	31.82	EPI	7950	EPI
Chloromethane	74-87-3	50.49	EPI	0.3605887	0.00882	EPI	0.911	CRC89	0.123962	WATER9	0.0000136	WATER9	13.22	EPI	5320	EPI
Chloromethyl Methyl Ether	107-30-2	80.51	EPI	0.0124285	0.000304	EPI	1.063	CRC89	0.094973	WATER9	0.0000113	WATER9	5.322	EPI	192400	EPI
Chloronaphthalene, Beta-	91-58-7	162.62	EPI	0.0130826	0.00032	EPI	1.1377	CRC89	0.044691	WATER9	7.7301E-06	WATER9	2478	EPI	11.7	EPI
Chloronitrobenzene, o-	88-73-3	157.56	EPI	0.0003802	0.0000093	EPI	1.368	CRC89	0.051345	WATER9	8.7995E-06	WATER9	370.6	EPI	441	EPI
Chloronitrobenzene, p-	100-00-5	157.56	EPI	0.0001999	0.00000489	EPI	1.2979	CRC89	0.050159	WATER9	8.5261E-06	WATER9	363.2	EPI	225	EPI
Chlorophenol, 2-	95-57-8	128.56	EPI	0.0004579	0.0000112	EPI	1.2634	CRC89	0.066118	WATER9	9.4784E-06	WATER9	306.5	EPI	11300	EPI
Chloropicrin	76-06-2	164.38	EPI	0.0838103	0.00205	EPI	1.6558	CRC89	0.051764	WATER9	9.6198E-06	WATER9	44.19	EPI	1620	EPI
Chlorothalonil	1897-45-6	265.91	EPI	0.0000818	0.000002	EPI	1.7	CRC89	0.027579	WATER9	7.3232E-06	WATER9	1041	EPI	0.81	EPI
Chlorotoluene, o-	95-49-8	126.59	EPI	0.1459526	0.00357	EPI	1.0825	CRC89	0.062903	WATER9	8.7194E-06	WATER9	382.9	EPI	374	EPI
Chlorotoluene, p-	106-43-4	126.59	EPI	0.1790679	0.00438	EPI	1.0697	CRC89	0.062571	WATER9	8.6574E-06	WATER9	375.3	EPI	106	EPI
Chlorozotocin	54749-90-5	313.7	EPI	1.5E-20	3.67E-22	EPI			0.041154	WATER9	4.8085E-06	WATER9	10	EPI	1000000	EPI
Chlorpropham	101-21-3	213.67	EPI	0.0000233	0.000000569	EPI	1.18	CRC89	0.026089	WATER9	6.7074E-06	WATER9	350.7	EPI	89	EPI
Chlorpyrifos	2921-88-2	350.59	EPI	0.0001198	0.00000293	EPI			0.038214	WATER9	4.465E-06	WATER9	7283	EPI	1.12	EPI
Chlorpyrifos Methyl	5598-13-0	322.53	EPI	0.0001533	0.00000375	EPI			0.040399	WATER9	4.7203E-06	WATER9	2193	EPI	4.76	EPI
Chlorsulfuron	64902-72-3	357.77	EPI	1.398E-14	3.42E-16	EPI			0.037701	WATER9	4.405E-06	WATER9	322	EPI	31000	EPI
Chlorthiophos	60238-56-4	361.24	EPI	0.0000491	0.0000012	EPI			0.037459	WATER9	4.3768E-06	WATER9	12790	EPI	0.3	EPI
Chromium(III), Insoluble Salts	16065-83-1						5.22	CRC89								
Chromium(VI)	18540-29-9														1690000	CRC89
Chromium, Total	7440-47-3	52	EPI				7.15	CRC89								
Cobalt	7440-48-4	58.93	EPI				8.86	CRC89								
Coke Oven Emissions	8007-45-2	78.11	EPI	0.2269011	0.00555	EPI			0.10398	WATER9	0.0000121	WATER9	145.8	EPI	1790	EPI
Copper	7440-50-8	63.55	EPI				8.96	CRC89								
Cresol, m-	108-39-4	108.14	EPI	0.000035	0.000000856	EPI	1.0339	CRC89	0.072872	WATER9	9.3232E-06	WATER9	300.4	EPI	22700	EPI
Cresol, o-	95-48-7	108.14	EPI	0.0000491	0.0000012	EPI	1.0327	CRC89	0.072835	WATER9	9.3168E-06	WATER9	306.5	EPI	25900	EPI
Cresol, p-	106-44-5	108.14	EPI	0.0000409	0.000001	EPI	1.0185	CRC89	0.072394	WATER9	9.2397E-06	WATER9	300.4	EPI	21500	EPI
Cresol, p-chloro-m-	59-50-7	142.59	EPI	0.0001002	0.00000245	EPI			0.069614	WATER9	8.1338E-06	WATER9	491.8	EPI	3830	EPI
Cresols	1319-77-3	108.14	EPI	0.0000491	0.0000012	EPI			0.083707	WATER9	9.7805E-06	WATER9	306.5	EPI	25900	EPI
Crotonaldehyde, trans-	123-73-9	70.09	EPI	0.0007931	0.0000194	EPI	0.8516	CRC89	0.095926	WATER9	0.0000108	WATER9	1.793	EPI	150000	EPI
Cumene	98-82-8	120.2	EPI	0.4701554	0.0115	EPI	0.864	CRC89	0.060304	WATER9	7.8566E-06	WATER9	697.8	EPI	61.3	EPI
Cupferron	135-20-6	155.16	EPI	8.667E-16	2.12E-17	EPI			0.065801	WATER9	7.6883E-06	WATER9	762.4	EPI	204310	EPI
Cyanazine	21725-46-2	240.7	EPI	1.051E-10	2.57E-12	EPI			0.049102	WATER9	5.7372E-06	WATER9	134.1	EPI	170	EPI
Cyanides																
~Calcium Cyanide	592-01-8	92.11	EPI													
~Copper Cyanide	544-92-3	89.56	EPI				2.9	CRC89							23	EPI
~Cyanide (CN-)	57-12-5	27.03	EPI	0.0054374	0.000133	EPI			0.210955	WATER9	0.0000246	WATER9			1000000	EPI
~Cyanogen	460-19-5	52.04	EPI	0.2207686	0.0054	EPI	0.9537	CRC89	0.123753	WATER9	0.0000138	WATER9			4500000	PERRY
~Cyanogen Bromide	506-68-3	105.92	EPI				2.015	CRC89	0.098407	WATER9	0.0000141	WATER9				
~Cyanogen Chloride	506-77-4	61.47	EPI	0.0787186	0.0019412	YAWS	1.186	CRC89	0.120745	WATER9	0.0000142	WATER9			25000000	PERRY

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
~Hydrogen Cyanide	74-90-8	27.03	EPI	0.0054374	0.000133	EPI	0.6876	CRC89	0.167804	WATER9	0.0000168	WATER9			1000000	EPI
~Potassium Cyanide	151-50-8	65.12	EPI				1.55	CRC89							720000	EPI
~Potassium Silver Cyanide	506-61-6	199	EPI													
~Silver Cyanide	506-64-9	133.89	EPI				3.95	CRC89							23	EPI
~Sodium Cyanide	143-33-9	49.01	EPI				1.6	CRC89							582000	CRC89
~Thiocyanate	463-56-9	59.09	EPI	0.0059689	0.000146	EPI			0.12524	WATER9	0.0000146	WATER9	4.67	EPI	35319	EPI
~Zinc Cyanide	557-21-1	117.43	EPI				1.852	CRC89							17100	EPI
Cyclohexane	110-82-7	84.16	EPI	6.1324612	0.15	EPI	0.7739	CRC89	0.079975	WATER9	9.1079E-06	WATER9	145.8	EPI	55	EPI
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	513.09	EPI	4.374E-10	1.07E-11	EPI			0.029645	WATER9	3.4638E-06	WATER9	2807	EPI	0.45388	EPI
Cyclohexanone	108-94-1	98.15	EPI	0.0003679	0.000009	EPI	0.9478	CRC89	0.076757	WATER9	9.3792E-06	WATER9	17.38	EPI	25000	EPI
Cyclohexylamine	108-91-8	99.18	EPI	0.0001701	0.00000416	EPI	0.8191	CRC89	0.071293	WATER9	8.5392E-06	WATER9	32.17	EPI	1000000	EPI
Cyhalothrin/karate	68085-85-8	449.86	EPI	0.0000605	0.00000148	EPI			0.032362	WATER9	3.7812E-06	WATER9	341300	EPI	0.005	EPI
Cypermethrin	52315-07-8	416.31	EPI	0.0000172	0.00000042	EPI	1.25	CRC89	0.018905	WATER9	4.6534E-06	WATER9	79750	EPI	0.004	EPI
Cyromazine	66215-27-8	166.19	EPI	2.31E-12	5.65E-14	EPI			0.062857	WATER9	7.3443E-06	WATER9	28.73	EPI	13000	EPI
DDD	72-54-8	320.05	EPI	0.0002698	0.0000066	EPI			0.040608	WATER9	4.7447E-06	WATER9	117500	EPI	0.09	EPI
DDE, p,p'-	72-55-9	318.03	EPI	0.0017007	0.0000416	EPI			0.04078	WATER9	4.7648E-06	WATER9	117500	EPI	0.04	EPI
DDT	50-29-3	354.49	EPI	0.0003401	0.00000832	EPI			0.037933	WATER9	4.4322E-06	WATER9	168600	EPI	0.0055	EPI
Dacthal	1861-32-1	331.97	EPI	0.0000891	0.00000218	EPI			0.03963	WATER9	4.6304E-06	WATER9	511.1	EPI	0.5	EPI
Dalapon	75-99-0	142.97	EPI	2.314E-06	5.66E-08	EPI	1.389	CRC89	0.060081	WATER9	9.4134E-06	WATER9	3.231	EPI	502000	EPI
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	959.17	EPI	1.8193E-06	4.45E-08	EPI	3	IRIS Profile	0.019535	WATER9	2.2826E-06	WATER9	276200	EPI	0.0001	EPI
Demeton	8065-48-3	258.339	CRC89						0.046841	WATER9	5.473E-06	WATER9				
Di(2-ethylhexyl)adipate	103-23-1	370.58	EPI	0.0000177	0.000000434	EPI	0.922	CRC89	0.017291	WATER9	4.157E-06	WATER9	36000	EPI	0.78	EPI
Diallate	2303-16-4	270.22	EPI	0.0001554	0.0000038	EPI			0.045458	WATER9	5.3114E-06	WATER9	644.3	EPI	14	EPI
Diazinon	333-41-5	304.35	EPI	4.6198E-06	0.000000113	EPI	1.1088	CRC89	0.021026	WATER9	5.2259E-06	WATER9	3034	EPI	40	EPI
Dibromo-3-chloropropane, 1,2-	96-12-8	236.33	EPI	0.0060098	0.000147	EPI	2.093	CRC89	0.032135	WATER9	8.9048E-06	WATER9	115.8	EPI	1230	EPI
Dibromobenzene, 1,4-	106-37-6	235.91	EPI	0.0365086	0.000893	EPI	2.261	CRC89	0.033276	WATER9	9.3369E-06	WATER9	375.3	EPI	20	EPI
Dibromochloromethane	124-48-1	208.28	EPI	0.0320114	0.000783	EPI	2.451	CRC89	0.036636	WATER9	0.0000106	WATER9	31.82	EPI	2700	EPI
Dibromoethane, 1,2-	106-93-4	187.86	EPI	0.026574	0.00065	EPI	2.1683	CRC89	0.043035	WATER9	0.0000104	WATER9	39.6	EPI	3910	EPI
Dibromomethane (Methylene Bromide)	74-95-3	173.84	EPI	0.0336059	0.000822	EPI	2.4969	CRC89	0.055137	WATER9	0.0000119	WATER9	21.73	EPI	11900	EPI
Dibutyl Phthalate	84-74-2	278.35	EPI	0.000074	0.00000181	EPI	1.0465	CRC89	0.021436	WATER9	5.3255E-06	WATER9	1157	EPI	11.2	EPI
Dibutyltin Compounds	NA															
Dicamba	1918-00-9	221.04	EPI	8.9125E-08	2.18E-09	EPI	1.57	CRC89	0.029224	WATER9	7.8006E-06	WATER9	29.01	EPI	8310	EPI
Dichloro-2-butene, 1,4-	764-41-0	125	EPI	0.0271464	0.000664	EPI	1.188	LANGE	0.066505	WATER9	0.00000929	WATER9	131.5	EPI	580	EPI
Dichloro-2-butene, cis-1,4-	1476-11-5	125	EPI	0.0271464	0.000664	EPI	1.188	CRC89	0.066505	WATER9	0.00000929	WATER9	131.5	EPI	580	EPI
Dichloro-2-butene, trans-1,4-	110-57-6	125	EPI	0.0271464	0.000664	EPI	1.183	CRC89	0.066382	WATER9	9.2665E-06	WATER9	131.5	EPI	850	EPI
Dichloroacetic Acid	79-43-6	128.94	EPI	3.426E-07	8.38E-09	EPI	1.5634	CRC89	0.072234	WATER9	0.0000108	WATER9	2.252	EPI	1000000	EPI
Dichlorobenzene, 1,2-	95-50-1	147	EPI	0.0784955	0.00192	EPI	1.3059	CRC89	0.05617	WATER9	8.9213E-06	WATER9	382.9	EPI	156	EPI
Dichlorobenzene, 1,4-	106-46-7	147	EPI	0.0985282	0.00241	EPI	1.2475	CRC89	0.055043	WATER9	8.6797E-06	WATER9	375.3	EPI	81.3	EPI
Dichlorobenzidine, 3,3'-	91-94-1	253.13	EPI	1.64E-07	4.0114E-09	SSL			0.047482	WATER9	5.5478E-06	WATER9	3190	EPI	3.1	EPI
Dichlorobenzophenone, 4,4'-	90-98-2	251.11	EPI	0.0000437	0.00000107	EPI	1.45	CRC89	0.026393	WATER9	6.8893E-06	WATER9	2927	EPI	7.802	EPI
Dichlorodifluoromethane	75-71-8	120.91	EPI	14.022895	0.343	EPI	1.486	PERRY	0.076029	WATER9	0.0000108	WATER9	43.89	EPI	280	EPI
Dichloroethane, 1,1-	75-34-3	98.96	EPI	0.2297629	0.00562	EPI	1.1757	CRC89	0.083645	WATER9	0.0000106	WATER9	31.82	EPI	5040	EPI
Dichloroethane, 1,2-	107-06-2	98.96	EPI	0.048242	0.00118	EPI	1.2454	CRC89	0.085722	WATER9	0.000011	WATER9	39.6	EPI	8600	EPI
Dichloroethylene, 1,1-	75-35-4	96.94	EPI	1.0670482	0.0261	EPI	1.213	CRC89	0.086314	WATER9	0.000011	WATER9	31.82	EPI	2420	EPI
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	96.94	EPI	0.1668029	0.00408	EPI	1.265	PERRY	0.087863	WATER9	0.0000112	WATER9	39.6	EPI	3500	EPI
Dichloroethylene, 1,2-cis-	156-59-2	96.94	EPI	0.1668029	0.00408	EPI	1.2837	CRC89	0.088409	WATER9	0.0000113	WATER9	39.6	EPI	6410	EPI
Dichloroethylene, 1,2-trans-	156-60-5	96.94	EPI	0.1668029	0.00408	EPI	1.2565	CRC89	0.087613	WATER9	0.0000112	WATER9	39.6	EPI	4520	EPI
Dichlorophenol, 2,4-	120-83-2	163	EPI	0.0001754	0.00000429	EPI	1.383	PERRY	0.048577	WATER9	8.6787E-06	WATER9	491.8	EPI	4500	EPI
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	221.04	EPI	1.4473E-06	3.54E-08	EPI			0.051972	WATER9	6.0726E-06	WATER9	29.63	EPI	677	EPI
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	249.1	EPI	2.3998E-07	5.87E-09	EPI			0.047992	WATER9	5.6075E-06	WATER9	98.4	EPI	46	EPI
Dichloropropane, 1,2-	78-87-5	112.99	EPI	0.1152903	0.00282	EPI	1.159	PERRY	0.07334	WATER9	9.7252E-06	WATER9	60.7	EPI	2800	EPI
Dichloropropane, 1,3-	142-28-9	112.99	EPI	0.0399019	0.000976	EPI	1.1785	CRC89	0.073874	WATER9	9.823E-06	WATER9	72.17	EPI	2750	EPI
Dichloropropanol, 2,3-	616-23-9	128.99	EPI	1.48E-07	3.62E-09	EPI	1.3607	CRC89	0.068017	WATER9	0.00000989	WATER9	5.568	EPI	60820	EPI
Dichloropropene, 1,3-	542-75-6	110.97	EPI	0.1451349	0.00355	EPI	1.217	LANGE	0.076273	WATER9	0.0000101	WATER9	72.17	EPI	2800	EPI
Dichlorvos	62-73-7	220.98	EPI	0.0000235	0.000000574	EPI	1.415	CRC89	0.027877	WATER9	7.3302E-06	WATER9	53.96	EPI	8000	EPI
Dicyclopentadiene	77-73-6	132.21	EPI	2.5551922	0.0625	EPI	0.93	LANGE	0.055746	WATER9	7.7554E-06	WATER9	1513	EPI	13.687	EPI
Dieldrin	60-57-1	380.91	EPI	0.0004088	0.00001	EPI	1.75	CRC89	0.023287	WATER9	6.0062E-06	WATER9	20090	EPI	0.195	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Diesel Engine Exhaust	NA															
Diethanolamine	111-42-2	105.14	EPI	1.5822E-09	3.87E-11	EPI	1.0966	CRC89	0.076805	WATER9	9.8229E-06	WATER9	1	EPI	1000000	EPI
Diethyl Phthalate	84-66-2	222.24	EPI	0.0000249	0.00000061	EPI	1.232	CRC89	0.026074	WATER9	6.7227E-06	WATER9	104.9	EPI	1080	EPI
Diethylene Glycol Monobutyl Ether	112-34-5	162.23	EPI	2.9436E-07	7.2E-09	EPI	0.9553	CRC89	0.041438	WATER9	6.9707E-06	WATER9	10	EPI	1000000	EPI
Diethylene Glycol Monoethyl Ether	111-90-0	134.18	EPI	9.1169E-07	2.23E-08	EPI	0.9885	CRC89	0.056241	WATER9	7.9734E-06	WATER9	1	EPI	1000000	EPI
Diethylformamide	617-84-5	101.15	EPI	5.3148E-06	0.00000013	EPI	0.908	CRC89	0.073301	WATER9	8.9773E-06	WATER9	2.06	EPI	1000000	EPI
Diethylstilbestrol	56-53-1	268.36	EPI	2.371E-10	5.8E-12	EPI			0.045668	WATER9	5.3359E-06	WATER9	274100	EPI	12	EPI
Difenzoquat	43222-48-6	360.43	EPI						0.037515	WATER9	4.3833E-06	WATER9	78380	EPI	817000	EPI
Diflubenzuron	35367-38-5	310.69	EPI	1.8806E-07	4.6E-09	EPI			0.041419	WATER9	4.8395E-06	WATER9	463.2	EPI	0.08	EPI
Difluoroethane, 1,1-	75-37-6	66.05	EPI	0.8299264	0.0203	EPI	0.896	CRC89	0.102316	WATER9	0.0000115	WATER9	31.82	EPI	3200	EPI
Dihydrosafrole	94-58-6	164.21	EPI	6.7457073	0.165	EPI			0.063361	WATER9	7.4032E-06	WATER9	207.2	EPI	5.7727	EPI
Diisopropyl Ether	108-20-3	102.18	EPI	0.1046607	0.00256	EPI	0.7192	CRC89	0.065423	WATER9	7.7582E-06	WATER9	22.79	EPI	8800	EPI
Diisopropyl Methylphosphonate	1445-75-6	180.19	EPI	0.0017907	0.0000438	EPI			0.059557	WATER9	6.9588E-06	WATER9	42.2	EPI	1500	EPI
Dimethipin	55290-64-7	210.26	EPI	9.403E-10	2.3E-11	EPI			0.053734	WATER9	6.2784E-06	WATER9	10	EPI	4600	EPI
Dimethoate	60-51-5	229.25	EPI	9.9346E-09	2.43E-10	EPI	1.277	CRC89	0.026086	WATER9	6.7422E-06	WATER9	12.77	EPI	23300	EPI
Dimethoxybenzidine, 3,3'-	119-90-4	244.3	EPI	1.9052E-09	4.66E-11	EPI			0.048619	WATER9	5.6807E-06	WATER9	508.8	EPI	60	EPI
Dimethyl methylphosphonate	756-79-6	124.08	EPI	0.0000511	0.00000125	EPI	1.1684	CRC89	0.06658	WATER9	9.2386E-06	WATER9	5.407	EPI	1000000	EPI
Dimethylamino azobenzene [p-]	60-11-7	225.3	EPI	9.5666E-06	0.000000234	EPI			0.051315	WATER9	5.9958E-06	WATER9	2028	EPI	0.23	EPI
Dimethylaniline HCl, 2,4-	21436-96-4	121.18	EPI	0.0001022	0.0000025	EPI			0.077589	WATER9	9.0657E-06	WATER9	184.5	EPI	2175.5	EPI
Dimethylaniline, 2,4-	95-68-1	121.18	EPI	0.0001022	0.0000025	EPI	0.9723	CRC89	0.063025	WATER9	8.3925E-06	WATER9	184.5	EPI	2175.5	EPI
Dimethylaniline, N,N-	121-69-7	121.18	EPI	0.0023222	0.0000568	EPI	0.9557	CRC89	0.062541	WATER9	8.3063E-06	WATER9	78.67	EPI	1450	EPI
Dimethylbenzidine, 3,3'-	119-93-7	212.3	EPI	3.3115E-09	8.1E-11	EPI			0.053389	WATER9	6.2381E-06	WATER9	3190	EPI	1300	EPI
Dimethylformamide	68-12-2	73.1	EPI	3.0213E-06	7.39E-08	EPI	0.9445	CRC89	0.09718	WATER9	0.0000112	WATER9	1	EPI	1000000	EPI
Dimethylhydrazine, 1,1-	57-14-7	60.1	EPI	2.8414E-06	6.95E-08	EPI	0.791	CRC89	0.103785	WATER9	0.0000113	WATER9	11.95	EPI	1000000	EPI
Dimethylhydrazine, 1,2-	540-73-8	60.1	EPI	2.8414E-06	6.95E-08	EPI	0.8274	CRC89	0.105769	WATER9	0.0000116	WATER9	14.87	EPI	1000000	EPI
Dimethylphenol, 2,4-	105-67-9	122.17	EPI	0.0000389	0.000000951	EPI	0.965	CRC89	0.062245	WATER9	8.314E-06	WATER9	491.8	EPI	7870	EPI
Dimethylphenol, 2,6-	576-26-1	122.17	EPI	0.0002719	0.00000665	EPI			0.077169	WATER9	9.0166E-06	WATER9	501.9	EPI	6050	EPI
Dimethylphenol, 3,4-	95-65-8	122.17	EPI	0.000017	0.000000415	EPI	0.983	CRC89	0.062762	WATER9	8.4067E-06	WATER9	491.8	EPI	4760	EPI
Dimethylterephthalate	120-61-6	194.19	EPI	0.0054783	0.000134	EPI	1.075	CRC89	0.028533	WATER9	6.7171E-06	WATER9	30.96	EPI	19	EPI
Dimethylvinylchloride	513-37-1	90.55	EPI	3.311529	0.081	EPI	0.9186	CRC89	0.081174	WATER9	9.6608E-06	WATER9	60.7	EPI	1000	EPI
Dinitro-o-cresol, 4,6-	534-52-1	198.14	EPI	0.0000572	0.0000014	EPI			0.055904	WATER9	6.5319E-06	WATER9	754.4	EPI	198	EPI
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	266.26	EPI	1.3818E-09	3.38E-11	EPI			0.045907	WATER9	5.3639E-06	WATER9	16540	EPI	15	EPI
Dinitrobenzene, 1,2-	528-29-0	168.11	EPI	2.1791E-06	5.33E-08	EPI	1.3119	CRC89	0.044718	WATER9	8.2538E-06	WATER9	358.8	EPI	133	EPI
Dinitrobenzene, 1,3-	99-65-0	168.11	EPI	2.0033E-06	0.000000049	EPI	1.5751	CRC89	0.048499	WATER9	9.2109E-06	WATER9	351.6	EPI	533	EPI
Dinitrobenzene, 1,4-	100-25-4	168.11	EPI	0.0000151	0.00000037	EPI	1.625	CRC89	0.049167	WATER9	9.3849E-06	WATER9	351.6	EPI	69	EPI
Dinitrophenol, 2,4-	51-28-5	184.11	EPI	3.5159E-06	0.000000086	EPI	1.683	CRC89	0.04067	WATER9	9.0756E-06	WATER9	460.8	EPI	2790	EPI
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	182.14	EPI	0.0000162	0.000000397	EPI			0.059131	WATER9	6.909E-06	WATER9	587.4	EPI	270	EPI
Dinitrotoluene, 2,4-	121-14-2	182.14	EPI	2.2077E-06	0.000000054	EPI	1.3208	CRC89	0.037512	WATER9	7.8982E-06	WATER9	575.6	EPI	200	EPI
Dinitrotoluene, 2,6-	606-20-2	182.14	EPI	0.0000305	0.000000747	EPI	1.2833	CRC89	0.037026	WATER9	7.7629E-06	WATER9	587.4	EPI	182	SSL
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	197.15	EPI	6.6231E-09	1.62E-10	EPI			0.056091	WATER9	6.5537E-06	WATER9	283	EPI	319.49	EPI
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	197.15	EPI	6.6231E-09	1.62E-10	EPI			0.056091	WATER9	6.5537E-06	WATER9	283	EPI	319.49	EPI
Dinoseb	88-85-7	240.22	EPI	0.0000186	0.000000456	EPI	1.265	CRC89	0.025346	WATER9	6.5187E-06	WATER9	4294	EPI	52	EPI
Dioxane, 1,4-	123-91-1	88.11	EPI	0.0001962	0.0000048	EPI	1.0337	CRC89	0.087372	WATER9	0.0000105	WATER9	2.633	EPI	1000000	EPI
Dioxins																
~Hexachlorodibenzo-p-dioxin, Mixture	NA	390.87	EPI	0.000233	0.0000057	EPI							695200	EPI	0.000004	EPI
~TCDD, 2,3,7,8-	1746-01-6	321.98	EPI	0.0020442	0.00005	EPI			0.047028	WATER9	4.7257E-06	WATER9	249100	EPI	0.0002	EPI
Diphenamid	957-51-7	239.32	EPI	1.4841E-09	3.63E-11	EPI	1.17	CRC89	0.024483	WATER9	6.2344E-06	WATER9	4798	EPI	260	EPI
Diphenyl Sulfone	127-63-9	218.27	EPI	0.0000102	0.000000249	EPI	1.252	CRC89	0.026518	WATER9	6.8618E-06	WATER9	1109	EPI	0	LANGE
Diphenylamine	122-39-4	169.23	EPI	0.00011	0.00000269	EPI	1.158	CRC89	0.041706	WATER9	7.628E-06	WATER9	825.8	EPI	53	EPI
Diphenylhydrazine, 1,2-	122-66-7	184.24	EPI	0.0000195	0.000000478	EPI	1.158	CRC89	0.034312	WATER9	7.2488E-06	WATER9	1505	EPI	221	EPI
Diquat	85-00-7	344.05	EPI	5.805E-12	1.42E-13	EPI	1.24	CRC89	0.02081	WATER9	5.1922E-06	WATER9	9272	EPI	708000	EPI
Direct Black 38	1937-37-7	737.77	EPI	3.365E-38	8.23E-40	EPI			0.023271	WATER9	2.719E-06	WATER9	242000000	EPI	55.937	EPI
Direct Blue 6	2602-46-2	821.67	EPI	6.705E-42	1.64E-43	EPI			0.021658	WATER9	2.5306E-06	WATER9	790800000	EPI	8.2167E-07	EPI
Direct Brown 95	16071-86-6	760.11	EPI						0.022812	WATER9	2.6654E-06	WATER9	6985000	EPI	9.7133E-07	EPI
Disulfoton	298-04-4	274.39	EPI	0.0000883	0.00000216	EPI	1.144	CRC89	0.022543	WATER9	5.6664E-06	WATER9	837.9	EPI	16.3	EPI
Dithiane, 1,4-	505-29-3	120.23	EPI	0.0017171	0.000042	EPI			0.077997	WATER9	9.1133E-06	WATER9	145.8	EPI	3000	EPI
Diuron	330-54-1	233.1	EPI	2.0605E-08	5.04E-10	EPI			0.050164	WATER9	5.8613E-06	WATER9	109.1	EPI	42	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Dodine	2439-10-3	287.45	EPI	3.6836E-09	9.01E-11	EPI			0.043623	WATER9	5.097E-06	WATER9	2482	EPI	630	EPI
EPTC	759-94-4	189.32	EPI	0.00065	0.0000159	EPI	0.9546	CRC89	0.029126	WATER9	6.3511E-06	WATER9	164.1	EPI	375	EPI
Endosulfan	115-29-7	406.92	EPI	0.0026574	0.000065	EPI	1.745	CRC89	0.022485	WATER9	5.7629E-06	WATER9	6761	EPI	0.325	EPI
Endothall	145-73-3	186.17	EPI	1.574E-14	3.85E-16	EPI	1.431	CRC89	0.036747	WATER9	8.1792E-06	WATER9	19.41	EPI	100000	EPI
Endrin	72-20-8	380.91	EPI	0.0004088	0.00001	EPI			0.036158	WATER9	4.2248E-06	WATER9	20090	EPI	0.25	EPI
Epichlorohydrin	106-89-8	92.53	EPI	0.0012428	0.0000304	EPI	1.183	PERRY	0.088865	WATER9	0.0000111	WATER9	9.907	EPI	65900	EPI
Epoxybutane, 1,2-	106-88-7	72.11	EPI	0.007359	0.00018	EPI	0.8297	CRC89	0.092894	WATER9	0.0000104	WATER9	9.907	EPI	95000	EPI
Ethephon	16672-87-0	144.5	EPI	2.33E-10	5.7E-12	EPI	1.2	CRC89	0.055477	WATER9	8.5676E-06	WATER9	5.028	EPI	1000000	EPI
Ethion	563-12-2	384.46	EPI	0.0000155	0.000000379	EPI	1.22	CRC89	0.019478	WATER9	4.8104E-06	WATER9	882	EPI	2	EPI
Ethoxyethanol Acetate, 2-	111-15-9	132.16	EPI	0.0001308	0.0000032	EPI	0.974	CRC89	0.05695	WATER9	7.9753E-06	WATER9	4.542	EPI	247000	EPI
Ethoxyethanol, 2-	110-80-5	90.12	EPI	0.0000192	0.00000047	EPI	0.9253	CRC89	0.081756	WATER9	9.7308E-06	WATER9	1	EPI	1000000	EPI
Ethyl Acetate	141-78-6	88.11	EPI	0.0054783	0.000134	EPI	0.9003	CRC89	0.082314	WATER9	9.7026E-06	WATER9	5.583	EPI	80000	EPI
Ethyl Acrylate	140-88-5	100.12	EPI	0.0138594	0.000339	EPI	0.9234	CRC89	0.074539	WATER9	9.1242E-06	WATER9	10.65	EPI	15000	EPI
Ethyl Chloride	75-00-3	64.52	EPI	0.4538021	0.0111	EPI	0.8902	CRC89	0.103754	WATER9	0.0000116	WATER9	21.73	EPI	6710	EPI
Ethyl Ether	60-29-7	74.12	EPI	0.0502862	0.00123	EPI	0.7138	CRC89	0.085248	WATER9	9.3639E-06	WATER9	9.699	EPI	60400	EPI
Ethyl Methacrylate	97-63-2	114.15	EPI	0.023426	0.000573	EPI	0.9135	CRC89	0.065344	WATER9	8.3794E-06	WATER9	16.66	EPI	5400	EPI
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	323.31	EPI	0.0000182	0.000000444	EPI	1.27	CRC89	0.021748	WATER9	5.4674E-06	WATER9	15470	EPI	3.11	EPI
Ethylbenzene	100-41-4	106.17	EPI	0.3221586	0.00788	EPI	0.8626	CRC89	0.068465	WATER9	8.4558E-06	WATER9	446.1	EPI	169	EPI
Ethylene Cyanohydrin	109-78-4	71.08	EPI	3.0662E-07	7.5E-09	EPI	1.0404	CRC89	0.10331	WATER9	0.000012	WATER9	1	EPI	1000000	EPI
Ethylene Diamine	107-15-3	60.1	EPI	7.0728E-08	1.73E-09	EPI	0.8979	CRC89	0.109445	WATER9	0.0000122	WATER9	14.87	EPI	1000000	EPI
Ethylene Glycol	107-21-1	62.07	EPI	2.453E-06	0.00000006	EPI	1.1135	CRC89	0.116924	WATER9	0.0000136	WATER9	1	EPI	1000000	EPI
Ethylene Glycol Monobutyl Ether	111-76-2	118.18	EPI	0.0000654	0.0000016	EPI	0.9015	CRC89	0.062619	WATER9	8.1419E-06	WATER9	2.823	EPI	1000000	EPI
Ethylene Oxide	75-21-8	44.05	EPI	0.0060507	0.000148	EPI	0.8821	CRC89	0.133972	WATER9	0.0000145	WATER9	3.237	EPI	1000000	EPI
Ethylene Thiourea	96-45-7	102.15	EPI	0.0000137	0.000000336	EPI			0.086948	WATER9	0.0000102	WATER9	12.97	EPI	20000	EPI
Ethyleneimine	151-56-4	43.07	EPI	0.0004947	0.0000121	EPI	0.832	CRC89	0.132827	WATER9	0.0000142	WATER9	9.043	EPI	1000000	EPI
Ethylphthalyl Ethyl Glycolate	84-72-0	280.28	EPI	3.1603E-08	7.73E-10	EPI			0.044364	WATER9	5.1835E-06	WATER9	1019	EPI	992.56	EPI
Express	101200-48-0	395.39	EPI	4.17E-12	1.02E-13	EPI			0.03527	WATER9	4.121E-06	WATER9	94.69	EPI	50	EPI
Fenamiphos	22224-92-6	303.36	EPI	4.9469E-08	1.21E-09	EPI	1.15	CRC89	0.021437	WATER9	5.352E-06	WATER9	398	EPI	329	EPI
Fenpropathrin	39515-41-8	349.43	EPI	0.0003123	0.00000764	EPI			0.038298	WATER9	4.4749E-06	WATER9	22490	EPI	0.33	EPI
Fluometuron	2164-17-2	232.21	EPI	1.067E-07	2.61E-09	EPI			0.050292	WATER9	5.8762E-06	WATER9	285.3	EPI	110	EPI
Fluoride	16984-48-8	38	EPI												1.69	EPI
Fluorine (Soluble Fluoride)	7782-41-4	38	EPI				1.553	CRC89							1.69	EPI
Fluridone	59756-60-4	329.32	EPI	3.3115E-07	8.1E-09	EPI			0.039842	WATER9	4.6552E-06	WATER9	56770	EPI	12	EPI
Flurprimidol	56425-91-3	312.29	EPI	5.3557E-08	1.31E-09	EPI			0.041278	WATER9	4.823E-06	WATER9	2189	EPI	114	EPI
Flutolanil	66332-96-5	323.32	EPI	1.3001E-07	3.18E-09	EPI			0.040333	WATER9	4.7126E-06	WATER9	2558	EPI	6.53	EPI
Fluvalinate	69409-94-5	502.92	EPI	5.928E-07	1.45E-08	EPI			0.030044	WATER9	3.5104E-06	WATER9	730000	EPI	0.005	EPI
Folpet	133-07-3	296.56	EPI	3.1316E-06	7.66E-08	EPI			0.042725	WATER9	4.992E-06	WATER9	17.7	EPI	0.8	EPI
Fomesafen	72178-02-0	438.76	EPI	3.078E-11	7.53E-13	EPI	1.28	CRC89	0.018607	WATER9	4.5736E-06	WATER9	1546	EPI	50	EPI
Fonofos	944-22-9	246.32	EPI	0.0002854	0.00000698	EPI	1.16	CRC89	0.024017	WATER9	6.096E-06	WATER9	855.8	EPI	15.7	EPI
Formaldehyde	50-00-0	30.03	EPI	0.0000138	0.000000337	EPI	0.815	CRC89	0.167073	WATER9	0.0000174	WATER9	1	EPI	400000	EPI
Formic Acid	64-18-6	46.03	EPI	6.8275E-06	0.000000167	EPI	1.22	CRC89	0.147862	WATER9	0.0000172	WATER9	1	EPI	1000000	EPI
Fosetyl-AL	39148-24-8	354.11	EPI						0.03796	WATER9	4.4353E-06	WATER9	6485	EPI	111000	EPI
Furans																
~Dibenzofuran	132-64-9	168.2	EPI	0.0087081	0.000213	EPI	1.0886	CRC89	0.04105	WATER9	7.3773E-06	WATER9	9161	EPI	3.1	EPI
~Furan	110-00-9	68.08	EPI	0.2207686	0.0054	EPI	0.9514	CRC89	0.102673	WATER9	0.0000117	WATER9	79.99	EPI	10000	EPI
Furazolidone	67-45-8	225.16	EPI	1.3328E-09	3.26E-11	EPI			0.051337	WATER9	5.9983E-06	WATER9	858.4	EPI	40	EPI
Furfural	98-01-1	96.09	EPI	0.0001541	0.00000377	EPI	1.1594	CRC89	0.085318	WATER9	0.0000107	WATER9	6.083	EPI	74100	EPI
Furium	531-82-8	253.23	EPI	5.437E-14	1.33E-15	EPI			0.047469	WATER9	5.5464E-06	WATER9	577.6	EPI	4205.3	EPI
Furmecyclox	60568-05-0	251.33	EPI	2.8168E-07	6.89E-09	EPI			0.047708	WATER9	5.5743E-06	WATER9	429	EPI	0.3	EPI
Glufosinate, Ammonium	77182-82-2	198.16	EPI	1.034E-22	2.53E-24	EPI			0.0559	WATER9	6.5314E-06	WATER9	10	EPI	1370000	EPI
Glutaraldehyde	111-30-8	100.12	EPI	9.7711E-07	2.39E-08	EPI			0.08812	WATER9	0.0000103	WATER9	1	EPI	709980	EPI
Glycidyl	765-34-4	72.06	EPI	0.0000321	0.000000784	EPI	1.1403	CRC89	0.106251	WATER9	0.0000126	WATER9	1	EPI	1000000	EPI
Glyphosate	1071-83-6	169.07	EPI	8.585E-11	2.1E-12	EPI			0.062141	WATER9	7.2606E-06	WATER9	1	EPI	10500	EPI
Goal	42874-03-3	361.71	EPI	0.0000335	0.00000082	EPI	1.35	CRC89	0.021124	WATER9	5.3022E-06	WATER9	39900	EPI	0.116	EPI
Guthion	86-50-0	317.32	EPI	9.7711E-07	2.39E-08	EPI	1.44	CRC89	0.023317	WATER9	5.962E-06	WATER9	51.93	EPI	20.9	EPI
Haloxyfop, Methyl	69806-40-2	375.73	EPI	0.000013	0.000000319	EPI			0.03649	WATER9	4.2635E-06	WATER9	5454	EPI	9.3	EPI
Harmony	79277-27-3	387.39	EPI	1.668E-12	4.08E-14	EPI			0.035754	WATER9	4.1775E-06	WATER9	50.76	EPI	2240	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Heptachlor	76-44-8	373.32	EPI	0.0120196	0.000294	EPI	1.57	CRC89	0.022344	WATER9	5.6959E-06	WATER9	41260	EPI	0.18	EPI
Heptachlor Epoxide	1024-57-3	389.32	EPI	0.0008585	0.000021	EPI			0.035636	WATER9	4.1637E-06	WATER9	10110	EPI	0.2	EPI
Hexabromobenzene	87-82-1	551.49	EPI	0.0011488	0.0000281	EPI			0.028253	WATER9	3.3011E-06	WATER9	2807	EPI	0.00016	EPI
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2														0.0009	IRIS Profile
Hexachlorobenzene	118-74-1	284.78	EPI	0.0695012	0.0017	EPI	2.044	CRC89	0.028975	WATER9	7.8497E-06	WATER9	6195	EPI	0.0062	EPI
Hexachlorobutadiene	87-68-3	260.76	EPI	0.4210957	0.0103	EPI	1.556	CRC89	0.026745	WATER9	7.0264E-06	WATER9	845.2	EPI	3.2	EPI
Hexachlorocyclohexane, Alpha-	319-84-6	290.83	EPI	0.0002101	0.00000514	EPI			0.043284	WATER9	5.0574E-06	WATER9	2807	EPI	2	EPI
Hexachlorocyclohexane, Beta-	319-85-7	290.83	EPI	0.0002101	0.00000514	EPI	1.89	CRC89	0.027667	WATER9	7.3955E-06	WATER9	2807	EPI	0.24	EPI
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	290.83	EPI	0.0002101	0.00000514	EPI			0.043284	WATER9	5.0574E-06	WATER9	2807	EPI	7.3	EPI
Hexachlorocyclohexane, Technical	608-73-1	290.83	EPI	0.0002101	0.00000514	EPI			0.043284	WATER9	5.0574E-06	WATER9	2807	EPI	8	EPI
Hexachlorocyclopentadiene	77-47-4	272.77	EPI	1.103843	0.027	EPI	1.7019	CRC89	0.027238	WATER9	7.217E-06	WATER9	1404	EPI	1.8	EPI
Hexachloroethane	67-72-1	236.74	EPI	0.1590352	0.00389	EPI	2.091	CRC89	0.032094	WATER9	8.8904E-06	WATER9	196.8	EPI	50	EPI
Hexachlorophene	70-30-4	406.91	EPI	2.24E-11	5.48E-13	EPI			0.034601	WATER9	4.0428E-06	WATER9	668600	EPI	140	EPI
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	222.12	EPI	8.217E-10	2.01E-11	EPI	1.82	CRC89	0.031154	WATER9	8.4989E-06	WATER9	89.07	EPI	59.7	EPI
Hexamethylene Diisocyanate, 1,6-	822-06-0	168.2	EPI	0.0019624	0.000048	EPI	1.0528	CRC89	0.040426	WATER9	7.2308E-06	WATER9	4818	EPI	179.03	EPI
Hexane, N-	110-54-3	86.18	EPI	73.589534	1.8	EPI	0.6606	CRC89	0.073106	WATER9	8.1657E-06	WATER9	131.5	EPI	9.5	EPI
Hexanedioic Acid	124-04-9	146.14	EPI	1.926E-10	4.71E-12	EPI	1.36	CRC89	0.057682	WATER9	9.1735E-06	WATER9	24.34	EPI	30800	EPI
Hexanone, 2-	591-78-6	100.16	EPI	0.0038103	0.0000932	EPI	0.8113	CRC89	0.070356	WATER9	8.4404E-06	WATER9	14.98	EPI	17200	EPI
Hexazinone	51235-04-2	252.32	EPI	9.24E-11	2.26E-12	EPI	1.25	CRC89	0.024566	WATER9	6.2842E-06	WATER9	129.4	EPI	33000	EPI
Hydrazine	302-01-2	32.05	EPI				1.0036	CRC89							1000000	EPI
Hydrazine Sulfate	10034-93-2	128.1	EPI				1.378	CRC89							30550	PERRY
Hydrogen Chloride	7647-01-0	35.45	EPI				1.49	CRC89								
Hydrogen Fluoride	7664-39-3	20.01	EPI				0.818	CRC89								
Hydrogen Sulfide	7783-06-4	34.08	EPI				1.393	CRC89							4370000	PERRY
Hydroquinone	123-31-9	110.11	EPI	1.9338E-09	4.73E-11	EPI	1.33	CRC89	0.079843	WATER9	0.0000107	WATER9	240.5	EPI	72000	EPI
Imazalil	35554-44-0	297.19	EPI	1.0589E-07	2.59E-09	EPI	1.243	CRC89	0.022493	WATER9	5.6772E-06	WATER9	8495	EPI	180	EPI
Imazaquin	81335-37-7	311.34	EPI	2.825E-16	6.91E-18	EPI			0.041362	WATER9	4.8328E-06	WATER9	2386	EPI	90	EPI
Iodine	7553-56-2	253.81	EPI				4.933	CRC89							330	EPI
Iprodione	36734-19-7	330.17	EPI	1.2756E-07	3.12E-09	EPI			0.039774	WATER9	4.6472E-06	WATER9	52.52	EPI	13.9	EPI
Iron	7439-89-6	55.85	EPI				7.87	CRC89								
Isobutyl Alcohol	78-83-1	74.12	EPI	0.0003998	0.00000978	EPI	0.8018	CRC89	0.089671	WATER9	0.00001	WATER9	2.919	EPI	85000	EPI
Isophorone	78-59-1	138.21	EPI	0.0002715	0.00000664	EPI	0.9255	CRC89	0.052505	WATER9	7.5296E-06	WATER9	65.15	EPI	12000	EPI
Isopropalin	33820-53-0	309.37	EPI	0.004538	0.000111	EPI			0.041537	WATER9	4.8533E-06	WATER9	11430	EPI	0.11	EPI
Isopropanol	67-63-0	60.1	EPI	0.0003312	0.0000081	EPI	0.7809	CRC89	0.103223	WATER9	0.0000112	WATER9	1.53	EPI	1000000	EPI
Isopropyl Methyl Phosphonic Acid	1832-54-8	138.1	EPI	2.8128E-07	6.88E-09	EPI			0.071114	WATER9	8.3092E-06	WATER9	7.707	EPI	1000000	EPI
Isoxaben	82558-50-7	332.4	EPI	5.1922E-08	1.27E-09	EPI			0.039596	WATER9	4.6264E-06	WATER9	1262	EPI	1.42	EPI
JP-7	NA															
Kerb	23950-58-5	256.13	EPI	3.9943E-07	9.77E-09	EPI			0.04711	WATER9	5.5044E-06	WATER9	404.9	EPI	15	EPI
Lactofen	77501-63-4	461.78	EPI	0.0000193	0.000000472	EPI			0.031803	WATER9	3.7159E-06	WATER9	23030	EPI	0.1	EPI
Lead Compounds																
~Lead acetate	301-04-2	325.29	EPI				3.25	CRC89	0.033366	WATER9	9.5728E-06	WATER9	1	EPI	1600	EPI
~Lead and Compounds	7439-92-1	207.2	EPI				11.3	CRC89								
~Lead subacetate	1335-32-6	805.7	EPI						0.021943	WATER9	2.5639E-06	WATER9	10.37	EPI	62500	EPI
~Tetraethyl Lead	78-00-2	323.45	EPI	23.221586	0.568	EPI	1.653	CRC89	0.02464	WATER9	6.4025E-06	WATER9	647.9	EPI	0.29	EPI
Linuron	330-55-2	249.1	EPI	2.5552E-07	6.25E-09	EPI			0.047992	WATER9	5.6075E-06	WATER9	339.8	EPI	75	EPI
Lithium	7439-93-2	6.94	EPI				0.534	CRC89								
Londax	83055-99-6	410.4	EPI	1.545E-13	3.78E-15	EPI			0.034405	WATER9	4.0199E-06	WATER9	27.76	EPI	120	EPI
MCPA	94-74-6	200.62	EPI	5.4374E-08	1.33E-09	EPI			0.055442	WATER9	6.4779E-06	WATER9	29.63	EPI	630	EPI
MCPB	94-81-5	228.68	EPI	1.1079E-07	2.71E-09	EPI			0.050808	WATER9	5.9366E-06	WATER9	98.4	EPI	48	EPI
MCPP	93-65-2	214.65	EPI	3.6631E-08	8.96E-10	EPI			0.052999	WATER9	6.1925E-06	WATER9	48.51	EPI	620	EPI
Malathion	121-75-5	330.35	EPI	1.9992E-07	4.89E-09	EPI	1.2076	CRC89	0.020988	WATER9	5.2365E-06	WATER9	31.27	EPI	143	EPI
Maleic Anhydride	108-31-6	98.06	EPI	0.0001607	0.00000393	EPI	1.314	CRC89	0.088395	WATER9	0.0000114	WATER9	1	EPI	163000	PERRY
Maleic Hydrazide	123-33-1	112.09	EPI	1.0834E-09	2.65E-11	EPI			0.081729	WATER9	9.5494E-06	WATER9	3.303	EPI	4510	EPI
Malononitrile	109-77-3	66.06	EPI	5.3557E-06	0.000000131	EPI	1.191	CRC89	0.115073	WATER9	0.0000136	WATER9	3.334	EPI	133000	EPI
Mancozeb	8018-01-7	212.36	EPI	0.0000231	0.000000564	EPI			0.053379	WATER9	6.2369E-06	WATER9	607.6	EPI	1000000	EPI
Maneb	12427-38-2	212.36	EPI	0.0000231	0.000000564	EPI			0.053379	WATER9	6.2369E-06	WATER9	607.6	EPI	1000000	EPI
Manganese (Diet)	7439-96-5	54.94	EPI				7.3	CRC89								

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Manganese (Non-diet)	7439-96-5	54.94	EPI				7.3	CRC89								
Mephosfolan	950-10-7	269.32	EPI	4.8651E-09	1.19E-10	EPI			0.045559	WATER9	5.3232E-06	WATER9	636.3	EPI	57	EPI
Mepiquat Chloride	24307-26-4	149.67	EPI	1.762E-10	4.31E-12	EPI			0.067401	WATER9	7.8752E-06	WATER9	66.16	EPI	500000	EPI
Mercury Compounds																
~Mercuric Chloride (and other Mercury salts)	7487-94-7	271.5	EPI				5.6	CRC89							69000	EPI
~Mercury (elemental)	7439-97-6	200.59	EPI	0.467	0.0114228	SSL	13.534	CRC89	0.0307	SSL	0.0000063	SSL			0.06	EPI
~Methyl Mercury	22967-92-6	215.63	EPI													
~Phenylmercuric Acetate	62-38-4	336.74	EPI	2.314E-08	5.66E-10	EPI			0.039255	WATER9	4.5866E-06	WATER9	56.44	EPI	4370	EPI
Merphos	150-50-5	298.5	EPI	0.000928	0.0000227	EPI	1.02	CRC89	0.0204	WATER9	5.0288E-06	WATER9	48970	EPI	0.0009971	EPI
Merphos Oxide	78-48-8	314.5	EPI	0.000012	0.000000294	EPI	1.057	CRC89	0.02019	WATER9	4.979E-06	WATER9	2350	EPI	2.3	EPI
Metalaxyl	57837-19-1	279.34	EPI	1.2061E-07	2.95E-09	EPI			0.044463	WATER9	5.1951E-06	WATER9	38.57	EPI	8400	EPI
Methacrylonitrile	126-98-7	67.09	EPI	0.0100981	0.000247	EPI	0.8001	CRC89	0.096431	WATER9	0.0000106	WATER9	13.05	EPI	25400	EPI
Methamidophos	10265-92-6	141.13	EPI	3.5487E-08	8.68E-10	EPI	1.31	CRC89	0.059623	WATER9	9.1593E-06	WATER9	5.407	EPI	1000000	EPI
Methanol	67-56-1	32.04	EPI	0.000186	0.00000455	EPI	0.7914	CRC89	0.158281	WATER9	0.0000165	WATER9	1	EPI	1000000	EPI
Methidathion	950-37-8	302.32	EPI	2.9313E-07	7.17E-09	EPI			0.04218	WATER9	4.9284E-06	WATER9	21.24	EPI	187	EPI
Methomyl	16752-77-5	162.21	EPI	8.054E-10	1.97E-11	EPI	1.2946	CRC89	0.04759	WATER9	8.3658E-06	WATER9	10	EPI	58000	EPI
Methoxy-5-nitroaniline, 2-	99-59-2	168.15	EPI	6.0098E-07	1.47E-08	EPI	1.2068	CRC89	0.043046	WATER9	7.8494E-06	WATER9	71.31	EPI	115	EPI
Methoxychlor	72-43-5	345.66	EPI	8.2993E-06	0.000000203	EPI	1.41	CRC89	0.022085	WATER9	5.5926E-06	WATER9	26890	EPI	0.1	EPI
Methoxyethanol Acetate, 2-	110-49-6	118.13	EPI	0.0000127	0.000000311	EPI	1.0074	CRC89	0.065835	WATER9	8.7052E-06	WATER9	2.492	EPI	1000000	EPI
Methoxyethanol, 2-	109-86-4	76.1	EPI	0.0000135	0.00000033	EPI	0.9647	CRC89	0.095152	WATER9	0.000011	WATER9	1	EPI	1000000	EPI
Methyl Acetate	79-20-9	74.08	EPI	0.0047016	0.000115	EPI	0.9342	CRC89	0.095776	WATER9	0.000011	WATER9	3.064	EPI	243000	EPI
Methyl Acrylate	96-33-3	86.09	EPI	0.0081357	0.000199	EPI	0.9535	CRC89	0.085998	WATER9	0.0000102	WATER9	5.844	EPI	49400	EPI
Methyl Ethyl Ketone (2-Butanone)	78-93-3	72.11	EPI	0.0023262	0.0000569	EPI	0.7999	CRC89	0.091444	WATER9	0.0000102	WATER9	4.51	EPI	223000	EPI
Methyl Hydrazine	60-34-4	46.07	EPI	1.2919E-06	3.16E-08	EPI	0.866	LANGE	0.129093	WATER9	0.000014	WATER9	13.31	EPI	1000000	EPI
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	100.16	EPI	0.0056419	0.000138	EPI	0.7965	CRC89	0.06978	WATER9	8.3477E-06	WATER9	12.6	EPI	19000	EPI
Methyl Isocyanate	624-83-9	57.05	EPI	0.0378577	0.000926	EPI	0.9588	CRC89	0.116552	WATER9	0.0000131	WATER9	39.6	EPI	48330	EPI
Methyl Methacrylate	80-62-6	100.12	EPI	0.0130417	0.000319	EPI	0.9377	CRC89	0.075045	WATER9	9.2087E-06	WATER9	9.14	EPI	15000	EPI
Methyl Parathion	298-00-0	263.21	EPI	4.0883E-06	0.0000001	EPI	1.358	CRC89	0.024985	WATER9	6.4392E-06	WATER9	729.3	EPI	37.7	EPI
Methyl Phosphonic Acid	993-13-5	96.02	EPI	4.988E-10	1.22E-11	EPI			0.090611	WATER9	0.0000106	WATER9	1.407	EPI	20000	EPI
Methyl Styrene (Mixed Isomers)	25013-15-4	118.18	EPI	0.1042518	0.00255	EPI			0.078897	WATER9	9.2184E-06	WATER9	697.8	EPI	89	EPI
Methyl methanesulfonate	66-27-3	110.13	EPI	0.0001648	0.00000403	EPI	1.2943	CRC89	0.078906	WATER9	0.0000106	WATER9	4.332	EPI	200000	LANGE
Methyl tert-Butyl Ether (MTBE)	1634-04-4	88.15	EPI	0.0239984	0.000587	EPI	0.7353	CRC89	0.075268	WATER9	8.5905E-06	WATER9	11.56	EPI	51000	EPI
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2															
Methyl-5-Nitroaniline, 2-	99-55-8	152.15	EPI	7.9313E-07	1.94E-08	EPI			0.066666	WATER9	7.7894E-06	WATER9	178.6	EPI	613.11	EPI
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	147.09	EPI	4.988E-11	1.22E-12	EPI			0.068187	WATER9	7.967E-06	WATER9	72.02	EPI	1000000	EPI
Methylaniline Hydrochloride, 2-	636-21-5	107.16	EPI	0.0000809	0.00000198	EPI			0.084217	WATER9	9.8401E-06	WATER9	115	EPI	16600	EPI
Methylarsonic acid	124-58-3	139.97	EPI						0.07048	WATER9	8.235E-06	WATER9	43.89	EPI	256000	EPI
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7															
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9															
Methylcholanthrene, 3-	56-49-5	268.36	EPI	0.0002142	0.00000524	EPI	1.28	CRC89	0.024056	WATER9	6.1428E-06	WATER9	961600	EPI	0.0029	EPI
Methylene Chloride	75-09-2	84.93	EPI	0.13287	0.00325	EPI	1.3266	CRC89	0.099939	WATER9	0.0000125	WATER9	21.73	EPI	13000	EPI
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	267.16	EPI	4.661E-10	1.14E-11	EPI			0.045804	WATER9	5.3519E-06	WATER9	5698	EPI	13.9	EPI
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	254.38	EPI	4.9469E-06	0.000000121	EPI			0.047326	WATER9	5.5297E-06	WATER9	2667	EPI	5.4926	EPI
Methylenebisbenzenamine, 4,4'-	101-77-9	198.27	EPI	6.46E-10	1.58E-11	EPI			0.055879	WATER9	6.529E-06	WATER9	2126	EPI	1000	EPI
Methylenediphenyl Diisocyanate	101-68-8	250.26	EPI	0.0000366	0.000000895	EPI	1.197	CRC89	0.024174	WATER9	6.1531E-06	WATER9	284900	EPI	1.836	EPI
Methylstyrene, Alpha-	98-83-9	118.18	EPI	0.1042518	0.00255	EPI	0.9106	CRC89	0.062902	WATER9	8.1911E-06	WATER9	697.8	EPI	116	EPI
Metolachlor	51218-45-2	283.8	EPI	3.6795E-07	0.000000009	EPI	1.12	CRC89	0.021922	WATER9	5.4827E-06	WATER9	488.5	EPI	530	EPI
Metribuzin	21087-64-9	214.29	EPI	4.7833E-09	1.17E-10	EPI	1.31	CRC89	0.02734	WATER9	7.1291E-06	WATER9	53.13	EPI	1050	EPI
Mineral oils	8012-95-1	170.34	EPI	334.42355	8.18	EPI			0.061831	WATER9	7.2245E-06	WATER9	4818	EPI	0.0037	EPI
Mirex	2385-85-5	545.55	EPI	0.0331562	0.000811	EPI			0.028458	WATER9	3.325E-06	WATER9	356600	EPI	0.085	EPI
Molinate	2212-67-1	187.3	EPI	0.0001676	0.0000041	EPI	1.063	CRC89	0.031561	WATER9	6.8182E-06	WATER9	181.9	EPI	970	EPI
Molybdenum	7439-98-7	95.94	EPI				10.2	CRC89								
Monochloramine	10599-90-3	51.48	EPI													
Monomethylaniline	100-61-8	107.16	EPI	0.000363	0.00000888	EPI	0.9891	CRC89	0.0721	WATER9	9.1284E-06	WATER9	82.08	EPI	5620	EPI
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	260.34	EPI	8.381E-09	2.05E-10	EPI			0.046601	WATER9	5.4449E-06	WATER9	51890	EPI	0	PERRY
Naled	300-76-5	380.79	EPI	0.0026615	0.0000651	EPI	1.96	CRC89	0.024567	WATER9	0.00000643	WATER9	126.7	EPI	1.5	EPI
Naphtha, High Flash Aromatic (HFAN)	64724-95-6															

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Naphthylamine, 2-	91-59-8	143.19	EPI	3.3115E-06	0.000000081	EPI	1.6414	CRC89	0.064451	WATER9	0.0000104	WATER9	2478	EPI	189	EPI
Napropamide	15299-99-7	271.36	EPI	3.4383E-08	8.41E-10	EPI			0.04533	WATER9	5.2965E-06	WATER9	3218	EPI	73	EPI
Nickel Carbonyl	13463-39-3	170.734	CRC89				1.31	CRC89							180	PERRY
Nickel Oxide	1313-99-1	74.69	EPI				6.72	CRC89								
Nickel Refinery Dust	NA															
Nickel Soluble Salts	7440-02-0	58.69	EPI				8.9	CRC89								
Nickel Subsulfide	12035-72-2	240.21	CRC89				5.87	CRC89								
Nitrate	14797-55-8	62	EPI													
Nitrite	14797-65-0	47.01	EPI													
Nitroaniline, 2-	88-74-4	138.13	EPI	2.4121E-06	0.000000059	EPI	0.9015	CRC89	0.051919	WATER9	7.4144E-06	WATER9	111.3	EPI	1470	EPI
Nitroaniline, 4-	100-01-6	138.13	EPI	5.1513E-08	1.26E-09	EPI	1.424	CRC89	0.06366	WATER9	9.7545E-06	WATER9	109.1	EPI	728	EPI
Nitrobenzene	98-95-3	123.11	EPI	0.0009812	0.000024	EPI	1.2037	CRC89	0.068054	WATER9	9.4495E-06	WATER9	226.4	EPI	2090	EPI
Nitrocellulose	9004-70-0	387.3	EPI	1.345E-21	3.29E-23	EPI			0.035759	WATER9	4.1782E-06	WATER9	10	EPI	1000000	EPI
Nitrofurantoin	67-20-9	238.16	EPI	5.437E-11	1.33E-12	EPI			0.049451	WATER9	5.7779E-06	WATER9	116.8	EPI	79.5	EPI
Nitrofurazone	59-87-0	198.14	EPI	1.267E-11	3.1E-13	EPI			0.055904	WATER9	6.5319E-06	WATER9	349.7	EPI	210	EPI
Nitroglycerin	55-63-0	227.09	EPI	3.5405E-06	8.66E-08	EPI	1.5931	CRC89	0.029015	WATER9	7.7428E-06	WATER9	115.8	EPI	1380	EPI
Nitroguanidine	556-88-7	104.07	EPI	1.836E-10	4.49E-12	EPI			0.085876	WATER9	0.00001	WATER9	20.65	EPI	4400	EPI
Nitromethane	75-52-5	61.04	EPI	0.0011693	0.0000286	EPI	1.1371	CRC89	0.119285	WATER9	0.0000139	WATER9	10.32	EPI	111000	EPI
Nitropropane, 2-	79-46-9	89.09	EPI	0.0048651	0.000119	EPI	0.9821	CRC89	0.084697	WATER9	0.0000102	WATER9	30.8	EPI	17000	EPI
Nitroso-N-ethylurea, N-	759-73-9	117.11	EPI	5.3966E-09	1.32E-10	EPI			0.079376	WATER9	9.2745E-06	WATER9	20.98	EPI	13000	EPI
Nitroso-N-methylurea, N-	684-93-5	103.08	EPI	4.0515E-09	9.91E-11	EPI			0.086425	WATER9	0.0000101	WATER9	11	EPI	14400	EPI
Nitroso-di-N-butylamine, N-	924-16-3	158.25	EPI	0.0005397	0.0000132	EPI			0.064942	WATER9	7.5879E-06	WATER9	914.6	EPI	1270	EPI
Nitroso-di-N-propylamine, N-	621-64-7	130.19	EPI	0.00022	0.00000538	EPI	0.9163	CRC89	0.05644	WATER9	7.758E-06	WATER9	275.4	EPI	13000	EPI
Nitrosodiethanolamine, N-	1116-54-7	134.14	EPI	9.321E-15	2.28E-16	EPI			0.072507	WATER9	8.4719E-06	WATER9	1	EPI	1000000	EPI
Nitrosodiethylamine, N-	55-18-5	102.14	EPI	0.0001484	0.00000363	EPI	0.9422	CRC89	0.073841	WATER9	9.1252E-06	WATER9	82.92	EPI	106000	EPI
Nitrosodimethylamine, N-	62-75-9	74.08	EPI	0.0000744	0.00000182	EPI	1.0048	CRC89	0.09877	WATER9	0.0000115	WATER9	22.79	EPI	1000000	EPI
Nitrosodiphenylamine, N-	86-30-6	198.23	EPI	0.000205	5.0143E-06	SSL			0.055887	WATER9	6.5299E-06	WATER9	2632	EPI	35	EPI
Nitrosomethylethylamine, N-	10595-95-6	88.11	EPI	0.0000589	0.00000144	EPI			0.095956	WATER9	0.0000112	WATER9	43.47	EPI	300000	EPI
Nitrosomorpholine [N-]	59-89-2	116.12	EPI	1.0016E-06	2.45E-08	EPI			0.079827	WATER9	9.3271E-06	WATER9	22.51	EPI	1000000	EPI
Nitrosopiperidine [N-]	100-75-4	114.15	EPI	0.0000345	0.000000844	EPI	1.0631	CRC89	0.06989	WATER9	9.1776E-06	WATER9	167.5	EPI	76500	EPI
Nitrosopyrrolidine, N-	930-55-2	100.12	EPI	1.9992E-06	4.89E-08	EPI	1.085	CRC89	0.079971	WATER9	0.0000101	WATER9	91.91	EPI	1000000	EPI
Nitrotoluene, m-	99-08-1	137.14	EPI	0.0003802	0.0000093	EPI	1.1581	CRC89	0.058686	WATER9	8.6541E-06	WATER9	363.2	EPI	500	EPI
Nitrotoluene, o-	88-72-2	137.14	EPI	0.000511	0.0000125	EPI	1.1611	CRC89	0.058754	WATER9	8.6675E-06	WATER9	370.6	EPI	650	EPI
Nitrotoluene, p-	99-99-0	137.14	EPI	0.0002302	0.00000563	EPI	1.1038	CRC89	0.057443	WATER9	8.4083E-06	WATER9	363.2	EPI	442	EPI
Nonane, n-	111-84-2	128.26	EPI	139.00245	3.4	EPI	0.7192	CRC89	0.051432	WATER9	6.769E-06	WATER9	796	EPI	0.22	EPI
Norflurazon	27314-13-2	303.67	EPI	1.4023E-08	3.43E-10	EPI			0.042055	WATER9	4.9138E-06	WATER9	3118	EPI	33.7	EPI
Nustar	85509-19-9	315.4	EPI	0.0000207	0.000000506	EPI			0.041006	WATER9	4.7912E-06	WATER9	81060	EPI	54	EPI
Octabromodiphenyl Ether	32536-52-0	801.38	EPI	0.0000105	0.000000256	EPI			0.022022	WATER9	2.5731E-06	WATER9	98980	EPI	0.0000743	EPI
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0	296.16	EPI	3.5446E-08	8.67E-10	EPI			0.042763	WATER9	4.9965E-06	WATER9	531.6	EPI	5	EPI
Octamethylpyrophosphoramide	152-16-9	286.25	EPI	2.58E-15	6.31E-17	EPI	1.09	CRC89	0.02154	WATER9	5.3664E-06	WATER9	20.12	EPI	1000000	EPI
Oryzalin	19044-88-3	346.36	EPI	7.8087E-08	1.91E-09	EPI			0.038524	WATER9	4.5013E-06	WATER9	825.4	EPI	2.5	EPI
Oxadiazon	19666-30-9	345.23	EPI	2.9722E-06	7.27E-08	EPI			0.038608	WATER9	4.5111E-06	WATER9	4996	EPI	0.7	EPI
Oxamyl	23135-22-0	219.26	EPI	9.6893E-09	2.37E-10	EPI	0.97	CRC89	0.02347	WATER9	5.8716E-06	WATER9	10	EPI	280000	EPI
Paclobutrazol	76738-62-0	293.8	EPI	3.3851E-09	8.28E-11	EPI	1.22	CRC89	0.022428	WATER9	5.6527E-06	WATER9	922.9	EPI	26	EPI
Paraquat Dichloride	1910-42-5	257.16	EPI	1.316E-11	3.22E-13	EPI			0.046984	WATER9	5.4897E-06	WATER9	6780	EPI	700000	EPI
Parathion	56-38-2	291.26	EPI	0.0000122	0.000000298	EPI	1.2681	CRC89	0.022949	WATER9	5.8156E-06	WATER9	2422	EPI	11	EPI
Pebulate	1114-71-2	203.35	EPI	0.0096893	0.000237	EPI	0.9458	CRC89	0.024144	WATER9	6.0507E-06	WATER9	299.1	EPI	100	EPI
Pendimethalin	40487-42-1	281.31	EPI	0.000035	0.000000856	EPI	1.19	CRC89	0.022673	WATER9	5.716E-06	WATER9	5615	EPI	0.3	EPI
Pentabromodiphenyl Ether	32534-81-9	564.69	EPI	0.0001447	0.00000354	EPI			0.027811	WATER9	3.2495E-06	WATER9	21660	EPI	0.0000009	EPI
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	564.69	EPI	0.0001447	0.00000354	EPI	2.28	IRIS Profile	0.02164	WATER9	5.5584E-06	WATER9	21660	EPI	0.0000009	EPI
Pentachlorobenzene	608-93-5	250.34	EPI	0.0287408	0.000703	EPI	1.8342	CRC89	0.029433	WATER9	7.9473E-06	WATER9	3708	EPI	0.831	EPI
Pentachloroethane	76-01-7	202.3	EPI	0.0793132	0.00194	EPI	1.6796	CRC89	0.031517	WATER9	8.5664E-06	WATER9	136.2	EPI	480	EPI
Pentachloronitrobenzene	82-68-8	295.34	EPI	0.001807	0.0000442	EPI	1.718	CRC89	0.026274	WATER9	6.9198E-06	WATER9	5996	EPI	0.44	EPI
Pentachlorophenol	87-86-5	266.34	EPI	1.0016E-06	2.45E-08	EPI	1.978	CRC89	0.02952	WATER9	8.0121E-06	WATER9	4959	EPI	14	EPI
Pentaerythritol tetranitrate (PETN)	78-11-5	316.14	EPI	4.906E-10	1.2E-11	EPI	1.773	CRC89	0.025756	WATER9	6.7697E-06	WATER9	647.9	EPI	43	EPI
Pentane, n-	109-66-0	72.15	EPI	51.103843	1.25	EPI	0.6262	CRC89	0.08213	WATER9	8.7975E-06	WATER9	72.17	EPI	38	EPI
Perchlorates																

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
~Ammonium Perchlorate	7790-98-9	117.49	EPI				1.95	CRC89							200000	EPI
~Lithium Perchlorate	7791-03-9	106.392	CRC89				2.428	CRC89							587000	CRC89
~Perchlorate and Perchlorate Salts	14797-73-0	117.49	CRC89												245000	CRC89
~Potassium Perchlorate	7778-74-7	138.55	EPI				2.52	CRC89							15000	EPI
~Sodium Perchlorate	7601-89-0	122.44	EPI				2.52	CRC89							2100000	EPI
Permethrin	52645-53-1	391.3	EPI	0.0000765	0.00000187	EPI	1.23	CRC89	0.019376	WATER9	4.7831E-06	WATER9	118800	EPI	0.006	EPI
Phenacetin	62-44-2	179.22	EPI	8.7081E-09	2.13E-10	EPI			0.059772	WATER9	6.9839E-06	WATER9	40.99	EPI	766	EPI
Phenmedipham	13684-63-4	300.32	EPI	3.438E-11	8.41E-13	EPI			0.042367	WATER9	4.9503E-06	WATER9	2594	EPI	4.7	EPI
Phenol	108-95-2	94.11	EPI	0.0000136	0.000000333	EPI	1.0545	CRC89	0.083401	WATER9	0.0000103	WATER9	187.2	EPI	82800	EPI
Phenothiazine	92-84-2															
Phenylenediamine, m-	108-45-2	108.14	EPI	5.1104E-08	1.25E-09	EPI	1.0096	CRC89	0.072115	WATER9	9.1911E-06	WATER9	33.83	EPI	238000	EPI
Phenylenediamine, o-	95-54-5	108.14	EPI	2.9436E-07	7.2E-09	EPI			0.083707	WATER9	9.7805E-06	WATER9	34.52	EPI	40400	EPI
Phenylenediamine, p-	106-50-3	108.14	EPI	3.6304E-08	8.88E-10	EPI			0.083707	WATER9	9.7805E-06	WATER9	33.83	EPI	37000	EPI
Phenylphenol, 2-	90-43-7	170.21	EPI	0.0000429	0.00000105	EPI	1.213	CRC89	0.042092	WATER9	7.8162E-06	WATER9	6722	EPI	700	EPI
Phorate	298-02-2	260.37	EPI	0.0001787	0.00000437	EPI	1.16	CRC89	0.023327	WATER9	5.8965E-06	WATER9	459.8	EPI	50	EPI
Phosgene	75-44-5	98.92	EPI	0.6827473	0.0167	EPI	1.3719	CRC89	0.089326	WATER9	0.0000117	WATER9	1	EPI	6825.5	YAWS
Phosmet	732-11-6	317.32	EPI	3.426E-07	8.38E-09	EPI			0.04084	WATER9	4.7719E-06	WATER9	10	EPI	24.4	EPI
Phosphates, Inorganic																
~Aluminum metaphosphate	13776-88-0															
~Ammonium polyphosphate	68333-79-9															
~Calcium pyrophosphate	7790-76-3															
~Diammonium phosphate	7783-28-0															
~Dicalcium phosphate	7757-93-9															
~Dimagnesium phosphate	7782-75-4															
~Dipotassium phosphate	7758-11-4															
~Disodium phosphate	7558-79-4															
~Monoaluminum phosphate	13530-50-2															
~Monoammonium phosphate	7722-76-1															
~Monocalcium phosphate	7758-23-8															
~Monomagnesium phosphate	7757-86-0															
~Monopotassium phosphate	7778-77-0															
~Monosodium phosphate	7558-80-7															
~Polyphosphoric acid	8017-16-1															
~Potassium tripolyphosphate	13845-36-8															
~Sodium acid pyrophosphate	7758-16-9															
~Sodium aluminum phosphate (acidic)	7785-88-8															
~Sodium aluminum phosphate (anhydrous)	10279-59-1															
~Sodium aluminum phosphate (tetrahydrate)	10305-76-7															
~Sodium hexametaphosphate	10124-56-8															
~Sodium polyphosphate	68915-31-1															
~Sodium trimetaphosphate	7785-84-4															
~Sodium tripolyphosphate	7758-29-4															
~Tetrapotassium phosphate	7320-34-5															
~Tetrasodium pyrophosphate	7722-88-5															
~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5															
~Tricalcium phosphate	7758-87-4															
~Trimagnesium phosphate	7757-87-1															
~Tripotassium phosphate	7778-53-2															
~Trisodium phosphate	7601-54-9															
Phosphine	7803-51-2	34	EPI				1.39	CRC89							3.3	EPI
Phosphoric Acid	7664-38-2	98	EPI				1.834	PERRY							5480000	CRC89
Phosphorus, White	7723-14-0	30.9738	EPI				2.69	CRC89							3.3	EPI
Phthalic Acid, P-	100-21-0	166.13	EPI	1.586E-11	3.88E-13	EPI	1.51	PERRY	0.048723	WATER9	9.0446E-06	WATER9	79.24	EPI	15	EPI
Phthalic Anhydride	85-44-9	148.12	EPI	6.6639E-07	1.63E-08	EPI	1.527	CRC89	0.05948	WATER9	9.7545E-06	WATER9	10	EPI	6200	EPI
Picloram	1918-02-1	241.46	EPI	2.179E-12	5.33E-14	EPI			0.048999	WATER9	5.7252E-06	WATER9	38.77	EPI	430	EPI
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	199.12	EPI	7.604E-13	1.86E-14	EPI			0.05572	WATER9	6.5104E-06	WATER9	226.5	EPI	1400	EPI
Pirimiphos, Methyl	29232-93-7	305.33	EPI	0.0000287	0.000000701	EPI	1.17	CRC89	0.021542	WATER9	5.3867E-06	WATER9	374.7	EPI	8.6	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Polybrominated Biphenyls	59536-65-1															
Polychlorinated Biphenyls (PCBs)																
~Aroclor 1016	12674-11-2	257.55	EPI	0.0081766	0.0002	EPI			0.046937	WATER9	5.4842E-06	WATER9	47700	EPI	0.42	EPI
~Aroclor 1221	11104-28-2	188.66	EPI	0.0300899	0.000736	EPI			0.057761	WATER9	6.7489E-06	WATER9	8397	EPI	15	EPI
~Aroclor 1232	11141-16-5	188.66	EPI	0.0300899	0.000736	EPI			0.057761	WATER9	6.7489E-06	WATER9	8397	EPI	1.45	EPI
~Aroclor 1242	53469-21-9	291.99	EPI	0.0077678	0.00019	EPI			0.043169	WATER9	5.044E-06	WATER9	78100	EPI	0.277	EPI
~Aroclor 1248	12672-29-6	291.99	EPI	0.0179886	0.00044	EPI			0.043169	WATER9	5.044E-06	WATER9	76530	EPI	0.1	EPI
~Aroclor 1254	11097-69-1	326.44	EPI	0.0115699	0.000283	EPI			0.040076	WATER9	4.6826E-06	WATER9	130500	EPI	0.043	EPI
~Aroclor 1260	11096-82-5	395.33	EPI	0.0137367	0.000336	EPI			0.035273	WATER9	4.1214E-06	WATER9	349700	EPI	0.0144	EPI
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	395.33	EPI	0.0056419	0.000138	EPI			0.035273	WATER9	4.1214E-06	WATER9	349700	EPI	0.000753	EPI
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	360.88	EPI	0.0066231	0.000162	EPI			0.037484	WATER9	4.3797E-06	WATER9	209300	EPI	0.00223	EPI
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	360.88	EPI	0.0066231	0.000162	EPI			0.037484	WATER9	4.3797E-06	WATER9	213600	EPI	0.0016469	EPI
~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	360.88	EPI	0.0058463	0.000143	EPI			0.037484	WATER9	4.3797E-06	WATER9	213600	EPI	0.00533	EPI
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	360.88	EPI	0.0066231	0.000162	EPI			0.037484	WATER9	4.3797E-06	WATER9	209300	EPI	0.00051	EPI
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	326.44	EPI	0.0077678	0.00019	EPI			0.040076	WATER9	4.6826E-06	WATER9	130500	EPI	0.016	EPI
~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	326.44	EPI	0.0117743	0.000288	EPI			0.040076	WATER9	4.6826E-06	WATER9	127900	EPI	0.0134	EPI
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	326.44	EPI	0.0115699	0.000283	EPI			0.040076	WATER9	4.6826E-06	WATER9	130500	EPI	0.0034	EPI
~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	326.44	EPI	0.0077678	0.00019	EPI			0.040076	WATER9	4.6826E-06	WATER9	130500	EPI	0.016	EPI
~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	326.44	EPI	0.0077678	0.00019	EPI			0.040076	WATER9	4.6826E-06	WATER9	127900	EPI	0.0073282	EPI
~Polychlorinated Biphenyls (high risk)	1336-36-3	291.99	EPI	0.0077678	0.00019	EPI			0.043169	WATER9	5.044E-06	WATER9	78100	EPI	0.7	EPI
~Polychlorinated Biphenyls (low risk)	1336-36-3	291.99	EPI	0.0077678	0.00019	EPI			0.043169	WATER9	5.044E-06	WATER9	78100	EPI	0.7	EPI
~Polychlorinated Biphenyls (lowest risk)	1336-36-3	291.99	EPI	0.0077678	0.00019	EPI			0.043169	WATER9	5.044E-06	WATER9	78100	EPI	0.7	EPI
~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	291.99	EPI	0.0003843	0.0000094	EPI			0.043169	WATER9	5.044E-06	WATER9	78100	EPI	0.000569	EPI
~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	291.99	EPI	0.0091169	0.000223	EPI			0.043169	WATER9	5.044E-06	WATER9	78100	EPI	0.032245	EPI
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	512.53	EPI	5.397E-10	1.32E-11	EPI			0.029667	WATER9	3.4664E-06	WATER9	10000000000	EPI	1.763E-06	EPI
Polynuclear Aromatic Hydrocarbons (PAHs)																
~Acenaphthene	83-32-9	154.21	EPI	0.0075225	0.000184	EPI	1.222	CRC89	0.050614	WATER9	0.00000833	WATER9	5027	EPI	3.9	EPI
~Anthracene	120-12-7	178.24	EPI	0.0022731	0.0000556	EPI	1.28	CRC89	0.038973	WATER9	7.8523E-06	WATER9	16360	EPI	0.0434	EPI
~Benz[a]anthracene	56-55-3	228.3	EPI	0.0004906	0.000012	EPI			0.050865	WATER9	5.9431E-06	WATER9	176900	EPI	0.0094	EPI
~Benzo(j)fluoranthene	205-82-3	252.32	EPI	8.2993E-06	0.000000203	EPI			0.047583	WATER9	5.5597E-06	WATER9	599400	EPI	0.0025	EPI
~Benzo[a]pyrene	50-32-8	252.32	EPI	0.0000187	0.000000457	EPI			0.047583	WATER9	5.5597E-06	WATER9	587400	EPI	0.00162	EPI
~Benzo[b]fluoranthene	205-99-2	252.32	EPI	0.0000269	0.000000657	EPI			0.047583	WATER9	5.5597E-06	WATER9	599400	EPI	0.0015	EPI
~Benzo[k]fluoranthene	207-08-9	252.32	EPI	0.0000239	0.000000584	EPI			0.047583	WATER9	5.5597E-06	WATER9	587400	EPI	0.0008	EPI
~Chrysene	218-01-9	228.3	EPI	0.0002138	0.00000523	EPI	1.274	CRC89	0.026114	WATER9	6.7495E-06	WATER9	180500	EPI	0.002	EPI
~Dibenz[a,h]anthracene	53-70-3	278.36	EPI	5.7645E-06	0.000000141	EPI			0.044567	WATER9	5.2073E-06	WATER9	1912000	EPI	0.00249	EPI
~Dibenzo(a,e)pyrene	192-65-4	302.38	EPI	5.7645E-07	1.41E-08	EPI			0.042175	WATER9	4.9278E-06	WATER9	6479000	EPI	0.0000425	EPI
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	256.35	EPI	0.0001537	0.00000376	EPI			0.047083	WATER9	5.5013E-06	WATER9	493600	EPI	0.061	EPI
~Fluoranthene	206-44-0	202.26	EPI	0.0003622	0.00000886	EPI	1.252	CRC89	0.027596	WATER9	7.1827E-06	WATER9	55450	EPI	0.26	EPI
~Fluorene	86-73-7	166.22	EPI	0.003933	0.0000962	EPI	1.203	CRC89	0.043974	WATER9	7.889E-06	WATER9	9160	EPI	1.69	EPI
~Indeno[1,2,3-cd]pyrene	193-39-5	276.34	EPI	0.0000142	0.000000348	EPI			0.044784	WATER9	5.2327E-06	WATER9	1951000	EPI	0.00019	EPI
~Methylnaphthalene, 1-	90-12-0	142.2	EPI	0.0210139	0.000514	EPI	1.0202	CRC89	0.052771	WATER9	7.8477E-06	WATER9	2528	EPI	25.8	EPI
~Methylnaphthalene, 2-	91-57-6	142.2	EPI	0.0211774	0.000518	EPI	1.0058	CRC89	0.052432	WATER9	7.7811E-06	WATER9	2478	EPI	24.6	EPI
~Naphthalene	91-20-3	128.18	EPI	0.0179886	0.00044	EPI	1.0253	CRC89	0.060499	WATER9	8.377E-06	WATER9	1544	EPI	31	EPI
~Nitropyrene, 4-	57835-92-4	247.26	EPI	1.0016E-06	2.45E-08	EPI			0.04823	WATER9	5.6353E-06	WATER9	86110	EPI	0.044505	EPI
~Pyrene	129-00-0	202.26	EPI	0.0004865	0.0000119	EPI	1.271	CRC89	0.027787	WATER9	7.2479E-06	WATER9	54340	EPI	0.135	EPI
Prochloraz	67747-09-5	376.67	EPI	6.7048E-07	1.64E-08	EPI			0.036429	WATER9	4.2564E-06	WATER9	2425	EPI	34	EPI
Profluralin	26399-36-0	347.3	EPI	0.0118561	0.00029	EPI			0.038455	WATER9	4.4931E-06	WATER9	30520	EPI	0.1	EPI
Prometon	1610-18-0	225.3	EPI	3.7163E-08	9.09E-10	EPI			0.051315	WATER9	5.9958E-06	WATER9	137.4	EPI	750	EPI
Prometryn	7287-19-6	241.36	EPI	4.8651E-07	1.19E-08	EPI	1.157	CRC89	0.024246	WATER9	6.1613E-06	WATER9	656.4	EPI	33	EPI
Propachlor	1918-16-7	211.69	EPI	0.0000147	0.00000036	EPI	1.242	CRC89	0.026846	WATER9	6.9554E-06	WATER9	204.5	EPI	580	EPI
Propanil	709-98-8	218.08	EPI	6.991E-08	1.71E-09	EPI	1.25	CRC89	0.026511	WATER9	6.8588E-06	WATER9	175.9	EPI	152	EPI
Propargite	2312-35-8	350.48	EPI	0.0000262	0.00000064	EPI	1.1	CRC89	0.01944	WATER9	4.7787E-06	WATER9	36650	EPI	0.215	EPI
Propargyl Alcohol	107-19-7	56.06	EPI	0.000047	0.00000115	EPI	0.9478	CRC89	0.117395	WATER9	0.0000131	WATER9	1.904	EPI	1000000	EPI
Propazine	139-40-2	229.71	EPI	1.8806E-07	4.6E-09	EPI	1.162	CRC89	0.024935	WATER9	6.3634E-06	WATER9	344.1	EPI	8.6	EPI
Propham	122-42-9	179.22	EPI	7.5225E-06	0.000000184	EPI	1.09	CRC89	0.03575	WATER9	7.1072E-06	WATER9	218.6	EPI	179	EPI
Propiconazole	60207-90-1	342.23	EPI	7.0319E-08	1.72E-09	EPI	1.27	CRC89	0.021111	WATER9	5.284E-06	WATER9	1556	EPI	110	EPI
Propionaldehyde	123-38-6	58.08	EPI	0.0030008	0.0000734	EPI	0.8657	CRC89	0.110378	WATER9	0.0000122	WATER9	1	EPI	306000	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Propyl benzene	103-65-1	120.2	EPI	0.4292723	0.0105	EPI	0.8593	CRC89	0.060156	WATER9	7.831E-06	WATER9	813.1	EPI	52.2	EPI
Propylene	115-07-1	42.08	EPI	8.0130826	0.196	EPI	0.505	CRC89	0.109699	WATER9	0.0000107	WATER9	21.73	EPI	200	EPI
Propylene Glycol	57-55-6	76.1	EPI	5.2739E-07	1.29E-08	EPI	1.0361	CRC89	0.098065	WATER9	0.0000115	WATER9	1	EPI	1000000	EPI
Propylene Glycol Dinitrate	6423-43-4	166.09	EPI	0.0000385	0.000000942	EPI			0.062882	WATER9	7.3472E-06	WATER9	60.7	EPI	3261.9	EPI
Propylene Glycol Monoethyl Ether	1569-02-4	104.15	EPI	1.0016E-06	2.45E-08	EPI			0.085832	WATER9	0.00001	WATER9	1.303	EPI	789970	EPI
Propylene Glycol Monomethyl Ether	107-98-2	90.12	EPI	0.0000376	0.00000092	EPI	0.962	CRC89	0.083147	WATER9	9.9606E-06	WATER9	1	EPI	1000000	EPI
Propylene Oxide	75-56-9	58.08	EPI	0.0028455	0.0000696	EPI	0.831	PERRY	0.108512	WATER9	0.0000119	WATER9	5.194	EPI	590000	EPI
Pursuit	81335-77-5	289.34	EPI	4.252E-15	1.04E-16	EPI			0.043433	WATER9	5.0747E-06	WATER9	339.1	EPI	1400	EPI
Pydrin	51630-58-1	419.91	EPI	1.4105E-06	3.45E-08	EPI	1.15	CRC89	0.018059	WATER9	4.4035E-06	WATER9	317000	EPI	0.024	EPI
Pyridine	110-86-1	79.1	EPI	0.0004497	0.000011	EPI	0.9819	CRC89	0.09309	WATER9	0.0000109	WATER9	71.72	EPI	1000000	EPI
Quinalphos	13593-03-8	298.3	EPI	1.897E-06	4.64E-08	EPI			0.042558	WATER9	4.9726E-06	WATER9	4185	EPI	22	EPI
Quinoline	91-22-5	129.16	EPI	0.0000683	0.00000167	EPI	1.0977	CRC89	0.0618	WATER9	8.6873E-06	WATER9	1544	EPI	6110	EPI
Refractory Ceramic Fibers	NA															
Resmethrin	10453-86-8	338.45	EPI	5.4374E-06	0.000000133	EPI			0.039122	WATER9	4.5711E-06	WATER9	311400	EPI	0.0379	EPI
Ronnel	299-84-3	321.54	EPI	0.0013083	0.000032	EPI	1.44	CRC89	0.023158	WATER9	5.9149E-06	WATER9	4457	EPI	1	EPI
Rotenone	83-79-4	394.43	EPI	4.579E-12	1.12E-13	EPI			0.035327	WATER9	4.1277E-06	WATER9	261100	EPI	0.2	EPI
Safrole	94-59-7	162.19	EPI	0.0003708	0.00000907	EPI	1.1	CRC89	0.044227	WATER9	7.5874E-06	WATER9	207.2	EPI	0	PERRY
Savey	78587-05-0	352.88	EPI	9.6893E-07	2.37E-08	EPI			0.038048	WATER9	4.4456E-06	WATER9	2120	EPI	0.5	EPI
Selenious Acid	7783-00-8	128.97	EPI				3	CRC89							900000	PERRY
Selenium	7782-49-2	78.96	EPI				4.809	CRC89								
Selenium Sulfide	7446-34-6	111.02	EPI													
Sethoxydim	74051-80-2	327.49	EPI	8.831E-10	2.16E-11	EPI	1.043	CRC89	0.019633	WATER9	4.8208E-06	WATER9	4374	EPI	25	EPI
Silica (crystalline, respirable)	7631-86-9	60.08	EPI				2.32	PERRY								
Silver	7440-22-4	107.87	EPI				10.5	CRC89								
Simazine	122-34-9	201.66	EPI	3.8512E-08	9.42E-10	EPI	1.302	CRC89	0.028139	WATER9	7.3666E-06	WATER9	146.5	EPI	6.2	EPI
Sodium Acifluorfen	62476-59-9	383.65	EPI	2.4734E-09	6.05E-11	EPI			0.035986	WATER9	4.2046E-06	WATER9	3880	EPI	250000	EPI
Sodium Azide	26628-22-8	65.01	EPI				1.846	CRC89							408000	CRC89
Sodium Diethyldithiocarbamate	148-18-5	171.25	EPI						0.061612	WATER9	7.1989E-06	WATER9	204.5	EPI	427890	EPI
Sodium Fluoride	7681-49-4	41.99	EPI				2.78	CRC89							42200	EPI
Sodium Fluoroacetate	62-74-8	100.03	EPI	0.0000446	0.00000109	EPI			0.088173	WATER9	0.0000103	WATER9	1.44	EPI	1110000	EPI
Sodium Metavanadate	13718-26-8	121.93	CRC89												210000	CRC89
Stirofos (Tetrachlorovinphos)	961-11-5	365.97	EPI	7.5225E-08	1.84E-09	EPI			0.037136	WATER9	4.339E-06	WATER9	1375	EPI	11	EPI
Strontium, Stable	7440-24-6	87.62	EPI				2.64	CRC89								
Strychnine	57-24-9	334.42	EPI	2.437E-12	5.96E-14	EPI	1.36	CRC89	0.022082	WATER9	5.5824E-06	WATER9	5403	EPI	160	EPI
Styrene	100-42-5	104.15	EPI	0.1124285	0.00275	EPI	0.9016	CRC89	0.071114	WATER9	8.7838E-06	WATER9	446.1	EPI	310	EPI
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	287.16	EPI	5.601E-06	0.000000137	EPI			0.043652	WATER9	5.1004E-06	WATER9	2855	EPI	0.51209	EPI
Sulfuric Acid	7664-93-9	98.07	EPI				1.8302	CRC89							1000000	EPI
Systhane	88671-89-0	288.78	EPI	1.7498E-07	4.28E-09	EPI			0.043489	WATER9	5.0813E-06	WATER9	6075	EPI	142	EPI
TCMTB	21564-17-0	238.34	EPI	2.653E-10	6.49E-12	EPI			0.049426	WATER9	5.775E-06	WATER9	3374	EPI	125	EPI
Tebuthiuron	34014-18-1	228.31	EPI	4.906E-09	1.2E-10	EPI			0.050863	WATER9	5.943E-06	WATER9	42.35	EPI	2500	EPI
Temephos	3383-96-8	466.46	EPI	8.0131E-08	1.96E-09	EPI	1.32	CRC89	0.018295	WATER9	4.4908E-06	WATER9	95060	EPI	0.27	EPI
Terbacil	5902-51-2	216.67	EPI	4.906E-09	1.2E-10	EPI	1.34	CRC89	0.027468	WATER9	7.1789E-06	WATER9	50.1	EPI	710	EPI
Terbufos	13071-79-9	288.42	EPI	0.0009812	0.000024	EPI	1.105	CRC89	0.021596	WATER9	5.3861E-06	WATER9	998.9	EPI	5.07	EPI
Terbutryn	886-50-0	241.36	EPI	8.7899E-07	2.15E-08	EPI	1.115	CRC89	0.023826	WATER9	6.0261E-06	WATER9	607	EPI	25	EPI
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	485.8	EPI	0.0003467	0.00000848	EPI			0.030746	WATER9	3.5924E-06	WATER9	13230	EPI	0.054234	EPI
Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	EPI	0.0408831	0.001	EPI	1.858	CRC89	0.031896	WATER9	8.7531E-06	WATER9	2220	EPI	0.595	EPI
Tetrachloroethane, 1,1,1,2-	630-20-6	167.85	EPI	0.1022077	0.0025	EPI	1.5406	CRC89	0.048176	WATER9	9.0977E-06	WATER9	86.03	EPI	1070	EPI
Tetrachloroethane, 1,1,2,2-	79-34-5	167.85	EPI	0.0150041	0.000367	EPI	1.5953	CRC89	0.048921	WATER9	9.2902E-06	WATER9	94.94	EPI	2830	EPI
Tetrachloroethylene	127-18-4	165.83	EPI	0.7236304	0.0177	EPI	1.623	CRC89	0.050466	WATER9	9.4551E-06	WATER9	94.94	EPI	206	EPI
Tetrachlorophenol, 2,3,4,6-	58-90-2	231.89	EPI	0.0003614	0.00000884	EPI			0.050338	WATER9	5.8816E-06	WATER9	2969	EPI	23	EPI
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	229.92	EPI	0.0078904	0.000193	EPI	1.4463	CRC89	0.027587	WATER9	7.2524E-06	WATER9	1606	EPI	6.1149	EPI
Tetraethyl Dithiopyrophosphate	3689-24-5	322.31	EPI	0.0001819	0.00000445	EPI	1.196	CRC89	0.021162	WATER9	5.2838E-06	WATER9	265.6	EPI	30	EPI
Tetrafluoroethane, 1,1,1,2-	811-97-2	102.03	EPI	2.0441537	0.05	EPI	1.2072	CRC89	0.082307	WATER9	0.0000106	WATER9	86.03	EPI	1089.7	EPI
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	287.15	EPI	1.1079E-07	2.71E-09	EPI	1.57	CRC89	0.025563	WATER9	6.6672E-06	WATER9	4605	EPI	74	EPI
Thallium (Soluble Salts)	7440-28-0	204.38	EPI				11.8	CRC89								
Thiobencarb	28249-77-6	257.78	EPI	0.0000109	0.000000267	EPI	1.16	CRC89	0.02345	WATER9	5.9319E-06	WATER9	1628	EPI	28	EPI
Thiodiglycol	111-48-8	122.18	EPI	1.12E-11	2.74E-13	EPI	1.1793	CRC89	0.068021	WATER9	9.3766E-06	WATER9	1	EPI	1000000	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Thiofanox	39196-18-4	218.32	EPI	3.8389E-07	9.39E-09	EPI			0.052403	WATER9	6.1229E-06	WATER9	72.4	EPI	5200	EPI
Thiophanate, Methyl	23564-05-8	342.39	EPI	4.9469E-08	1.21E-09	EPI			0.038822	WATER9	4.536E-06	WATER9	327.4	EPI	26.6	EPI
Thiram	137-26-8	240.42	EPI	7.4407E-06	0.000000182	EPI	1.29	PERRY	0.025567	WATER9	6.5924E-06	WATER9	611.4	EPI	30	EPI
Tin	7440-31-5	118.69	EPI				7.287	CRC89								
Titanium Tetrachloride	7550-45-0	189.68	EPI				1.73	CRC89								
Toluene	108-88-3	92.14	EPI	0.2714636	0.00664	EPI	0.8623	CRC89	0.077805	WATER9	9.2045E-06	WATER9	233.9	EPI	526	EPI
Toluene-2,5-diamine	95-70-5	122.17	EPI	3.8921E-08	9.52E-10	EPI			0.077169	WATER9	9.0166E-06	WATER9	55.39	EPI	13847	EPI
Toluidine, p-	106-49-0	107.16	EPI	0.0000826	0.00000202	EPI	0.9619	CRC89	0.071219	WATER9	8.977E-06	WATER9	112.7	EPI	6500	EPI
Toxaphene	8001-35-2	413.82	EPI	0.0002453	0.000006	EPI			0.034215	WATER9	3.9977E-06	WATER9	77200	EPI	0.74	SSL
Tralomethrin	66841-25-6	665.02	EPI	1.6108E-08	3.94E-10	EPI			0.024938	WATER9	2.9138E-06	WATER9	191100	EPI	0.08	EPI
Tri-n-butyltin	688-73-3	291.07	EPI	62.142273	1.52	EPI	1.103	CRC89	0.021473	WATER9	5.3508E-06	WATER9	8091	EPI	0.82457	EPI
Triallate	2303-17-5	304.66	EPI	0.0004906	0.000012	EPI	1.273	CRC89	0.022458	WATER9	5.6739E-06	WATER9	1008	EPI	4	EPI
Triasulfuron	82097-50-5	401.83	EPI	1.321E-11	3.23E-13	EPI			0.034892	WATER9	4.0769E-06	WATER9	427.2	EPI	32	EPI
Tribromobenzene, 1,2,4-	615-54-3	314.8	EPI	0.0158626	0.000388	EPI			0.041058	WATER9	4.7973E-06	WATER9	614.3	EPI	4.9	EPI
Tributyl Phosphate	126-73-8	266.32	EPI	0.0000576	0.00000141	EPI	0.9727	CRC89	0.021184	WATER9	5.2338E-06	WATER9	2350	EPI	280	EPI
Tributyltin Compounds	NA															
Tributyltin Oxide	56-35-9	596.12	EPI	0.0000123	0.000000302	EPI	1.17	CRC89	0.015124	WATER9	3.6056E-06	WATER9	25930000	EPI	19.5	EPI
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	187.38	EPI	21.504497	0.526	EPI	1.5635	CRC89	0.037566	WATER9	8.592E-06	WATER9	196.8	EPI	170	EPI
Trichloroacetic Acid	76-03-9	163.39	EPI	5.5192E-07	1.35E-08	EPI	1.6126	CRC89	0.051749	WATER9	9.5028E-06	WATER9	3.231	EPI	54600	EPI
Trichloroaniline HCl, 2,4,6-	33663-50-2	232.93	EPI	2.935E-12	7.18E-14	EPI			0.050188	WATER9	5.8641E-06	WATER9	1271	EPI	20.964	EPI
Trichloroaniline, 2,4,6-	634-93-5	196.46	EPI	0.0000548	0.00000134	EPI			0.056222	WATER9	6.5691E-06	WATER9	4440	EPI	40	EPI
Trichlorobenzene, 1,2,3-	87-61-6	181.45	EPI	0.0511038	0.00125	EPI	1.4533	CRC89	0.03953	WATER9	8.3836E-06	WATER9	1383	EPI	18	EPI
Trichlorobenzene, 1,2,4-	120-82-1	181.45	EPI	0.058054	0.00142	EPI	1.459	CRC89	0.039599	WATER9	8.4033E-06	WATER9	1356	EPI	49	EPI
Trichloroethane, 1,1,1-	71-55-6	133.41	EPI	0.7031889	0.0172	EPI	1.339	CRC89	0.064817	WATER9	9.599E-06	WATER9	43.89	EPI	1290	EPI
Trichloroethane, 1,1,2-	79-00-5	133.41	EPI	0.0336877	0.000824	EPI	1.4397	CRC89	0.06689	WATER9	0.00001	WATER9	60.7	EPI	4590	EPI
Trichloroethylene	79-01-6	131.39	EPI	0.4026983	0.00985	EPI	1.4642	CRC89	0.068662	WATER9	0.0000102	WATER9	60.7	EPI	1280	EPI
Trichlorofluoromethane	75-69-4	137.37	EPI	3.9656582	0.097	EPI	1.4879	CRC89	0.065356	WATER9	0.00001	WATER9	43.89	EPI	1100	EPI
Trichlorophenol, 2,4,5-	95-95-4	197.45	EPI	0.0000662	0.00000162	EPI	1.49	PERRY	0.031394	WATER9	8.0893E-06	WATER9	1777	EPI	1200	EPI
Trichlorophenol, 2,4,6-	88-06-2	197.45	EPI	0.0001063	0.0000026	EPI	1.4901	CRC89	0.031395	WATER9	8.0896E-06	WATER9	1777	EPI	800	EPI
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	255.49	EPI	1.9052E-06	4.66E-08	EPI			0.047189	WATER9	5.5136E-06	WATER9	107	EPI	278	EPI
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	269.51	EPI	3.704E-07	9.06E-09	EPI			0.045538	WATER9	5.3207E-06	WATER9	175.3	EPI	71	EPI
Trichloropropane, 1,1,2-	598-77-6	147.43	EPI	0.0129599	0.000317	EPI	1.372	CRC89	0.057158	WATER9	9.1735E-06	WATER9	94.94	EPI	1900	EPI
Trichloropropane, 1,2,3-	96-18-4	147.43	EPI	0.0140229	0.000343	EPI	1.3889	CRC89	0.057466	WATER9	9.2411E-06	WATER9	115.8	EPI	1750	EPI
Trichloropropene, 1,2,3-	96-19-5	145.42	EPI	0.7195421	0.0176	EPI	1.412	CRC89	0.059063	WATER9	9.4102E-06	WATER9	115.8	EPI	484.19	EPI
Tridiphane	58138-08-2	320.43	EPI	0.0000168	0.00000041	EPI			0.040576	WATER9	4.7409E-06	WATER9	3447	EPI	1.1696	EPI
Triethylamine	121-44-8	101.19	EPI	0.0060916	0.000149	EPI	0.7275	CRC89	0.066363	WATER9	7.8576E-06	WATER9	50.81	EPI	68600	EPI
Trifluralin	1582-09-8	335.29	EPI	0.004211	0.000103	EPI			0.039368	WATER9	4.5998E-06	WATER9	16390	EPI	0.184	EPI
Trimethyl Phosphate	512-56-1	140.08	EPI	2.9436E-07	7.2E-09	EPI	1.2144	CRC89	0.058255	WATER9	8.7915E-06	WATER9	10.6	EPI	500000	EPI
Trimethylbenzene, 1,2,3-	526-73-8															
Trimethylbenzene, 1,2,4-	95-63-6	120.2	EPI	0.2518397	0.00616	EPI	0.8758	CRC89	0.060675	WATER9	7.9209E-06	WATER9	614.3	EPI	57	EPI
Trimethylbenzene, 1,3,5-	108-67-8	120.2	EPI	0.3585446	0.00877	EPI	0.8615	CRC89	0.060225	WATER9	7.843E-06	WATER9	602.1	EPI	48.2	EPI
Trinitrobenzene, 1,3,5-	99-35-4	213.11	EPI	2.6574E-07	6.5E-09	EPI	1.4775	CRC89	0.028969	WATER9	7.6882E-06	WATER9	1683	EPI	278	EPI
Trinitrotoluene, 2,4,6-	118-96-7	227.13	EPI	8.5037E-07	2.08E-08	EPI	1.654	CRC89	0.029509	WATER9	7.9182E-06	WATER9	2812	EPI	115	EPI
Triphenylphosphine Oxide	791-28-6	278.29	EPI	2.1504E-08	5.26E-10	EPI	1.2124	CRC89	0.023005	WATER9	5.8178E-06	WATER9	1954	EPI	204.51	EPI
Tris(2-chloroethyl)phosphate	115-96-8	285.49	EPI	0.0001345	0.00000329	EPI	1.39	CRC89	0.024218	WATER9	6.2191E-06	WATER9	388.3	EPI	7000	EPI
Tris(2-ethylhexyl)phosphate	78-42-2	434.65	EPI	3.2134E-06	7.86E-08	EPI	0.99	CRC89	0.016451	WATER9	3.9425E-06	WATER9	2468000	EPI	0.6	EPI
Uranium (Soluble Salts)	NA	238.03	CRC89				19.1	CRC89								
Urethane	51-79-6	89.09	EPI	2.6288E-06	6.43E-08	EPI	0.9862	CRC89	0.08485	WATER9	0.0000102	WATER9	12.13	EPI	480000	EPI
Vanadium Pentoxide	1314-62-1	181.88	EPI				3.35	CRC89							700	CRC89
Vanadium Sulfate	36907-42-3	273.111	CRC89													
Vanadium and Compounds	NA	50.94	CRC89				6	CRC89							0	CRC89
Vernolate	1929-77-7	203.35	EPI	0.0012633	0.0000309	EPI	0.952	CRC89	0.024219	WATER9	6.0745E-06	WATER9	299.1	EPI	90	EPI
Vinclozolin	50471-44-8	286.12	EPI	7.1137E-07	1.74E-08	EPI	1.51	CRC89	0.025149	WATER9	6.5272E-06	WATER9	283.6	EPI	2.6	EPI
Vinyl Acetate	108-05-4	86.09	EPI	0.0208913	0.000511	EPI	0.9256	CRC89	0.084902	WATER9	0.00001	WATER9	5.583	EPI	20000	EPI
Vinyl Bromide	593-60-2	106.95	EPI	0.5028618	0.0123	EPI	1.4933	CRC89	0.086224	WATER9	0.0000117	WATER9	21.73	EPI	0	LANGE
Vinyl Chloride	75-01-4	62.5	EPI	1.1365495	0.0278	EPI	0.9106	CRC89	0.107119	WATER9	0.000012	WATER9	21.73	EPI	8800	EPI
Warfarin	81-81-2	308.34	EPI	1.1325E-07	2.77E-09	EPI			0.041629	WATER9	4.8641E-06	WATER9	426.1	EPI	17	EPI

Contaminant		Molecular Weight		Henry's Law Constants			Density		Diffusivity in Air		Diffusivity in Water		Organic Carbon		Water Solubility	
Analyte	CAS No.	MW	MW Ref	H` (unitless)	HLC (atm-m^3/mole)	H` and HLC Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Dia Ref	Diw (cm^2/s)	Diw Ref	Koc (L/kg)	Koc Ref	S (mg/L)	S Ref
Xylene, P-	106-42-3	106.17	EPI	0.2820932	0.0069	EPI	0.8565	CRC89	0.068249	WATER9	8.4199E-06	WATER9	375.3	EPI	162	EPI
Xylene, m-	108-38-3	106.17	EPI	0.2935405	0.00718	EPI	0.8598	CRC89	0.068366	WATER9	8.4394E-06	WATER9	375.3	EPI	161	EPI
Xylene, o-	95-47-6	106.17	EPI	0.2117743	0.00518	EPI	0.8755	CRC89	0.06892	WATER9	8.5315E-06	WATER9	382.9	EPI	178	EPI
Xylenes	1330-20-7	106.17	EPI	0.2117743	0.00518	EPI			0.08474	WATER9	9.9011E-06	WATER9	382.9	EPI	106	EPI
Zinc Phosphide	1314-84-7	258.175	CRC89				4.55	CRC89								
Zinc and Compounds	7440-66-6	65.38	EPI				7.134	CRC89								
Zineb	12122-67-7	275.74	EPI	6.5004E-09	1.59E-10	EPI			0.044849	WATER9	5.2403E-06	WATER9	1345	EPI	10	EPI