Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
1.80E-02	C	5.10E-06	C	1.50E-01	I					1	0.1		ALAR	1596-84-5	3.00E+03	c**	1.30E+04	c**	4.30E+02	c**	
8.70E-03	I			4.00E-03	I					1	0.1		Acephate	30560-19-1	2.50E+02	n	3.30E+03	n	8.00E+01	n	
		2.20E-06	I			9.00E-03	I	V		1		1.07E+05	Acetaldehyde	75-07-0	8.20E+01	n	3.40E+02	n	1.90E+01	n	
				2.00E-02	I					1	0.1		Acetochlor	34256-82-1	1.30E+03	n	1.60E+04	n	3.50E+02	n	
				9.00E-01	I	3.10E+01	A	V		1		1.14E+05	Acetone	67-64-1	6.10E+04	n	6.70E+05	nms	1.40E+04	n	
						2.00E-03	X	V		1		1.06E+05	Acetone Cyanohydrin	75-86-5	5.00E+01	n	2.10E+02	n	4.20E+00	n	
						6.00E-02	I	V		1		1.28E+05	Acetonitrile	75-05-8	8.10E+02	n	3.40E+03	n	1.30E+02	n	
				1.00E-01	I			V		1		2.52E+03	Acetophenone	98-86-2	7.80E+03	ns	1.20E+05	nms	1.90E+03	n	
3.80E+00	C	1.30E-03	C							1	0.1		Acetylaminofluorene, 2-	53-96-3	1.40E+01	c	6.00E+01	c	1.60E+00	c	
				5.00E-04	I	2.00E-05	I	V		1		2.27E+04	Acrolein	107-02-8	1.40E-01	n	6.00E-01	n	4.20E-02	n	
5.00E-01	I	1.00E-04	I	2.00E-03	I	6.00E-03	I		M	1	0.1		Acrylamide	79-06-1	2.40E+01	c**	4.60E+02	c**	5.00E+00	c**	
				5.00E-01	I	1.00E-03	I	V		1		1.09E+05	Acrylic Acid	79-10-7	9.90E+01	n	4.20E+02	n	2.10E+00	n	
5.40E-01	I	6.80E-05	I	4.00E-02	A	2.00E-03	I	V		1		1.13E+04	Acrylonitrile	107-13-1	1.60E+01	n	6.70E+01	n	4.10E+00	n	
						6.00E-03	P			1	0.1		Adiponitrile	111-69-3	8.50E+06	nm	3.60E+07	nm			
5.60E-02	C			1.00E-02	I					1	0.1		Alachlor	15972-60-8	6.30E+02	n	4.10E+03	c**	1.00E+02	c**	2.00E+00
				1.00E-03	I					1	0.1		Aldicarb	116-06-3	6.30E+01	n	8.20E+02	n	2.00E+01	n	3.00E+00
				1.00E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.30E+01	n	8.20E+02	n	2.00E+01	n	2.00E+00
										1	0.1		Aldicarb sulfoxide	1646-87-3							4.00E+00
1.70E+01	I	4.90E-03	I	3.00E-05	I			V		1			Aldrin	309-00-2	2.30E+00	n	1.80E+01	c**	9.20E-02	c**	
				2.50E-01	I					1	0.1		Ally	74223-64-6	1.60E+04	n	2.10E+05	nm	4.90E+03	n	
				5.00E-03	I	1.00E-04	X	V		1		1.11E+05	Allyl Alcohol	107-18-6	3.50E+00	n	1.50E+01	n	2.10E-01	n	
2.10E-02	C	6.00E-06	C			1.00E-03	I	V		1		1.42E+03	Allyl Chloride	107-05-1	1.70E+00	n	6.90E+00	n	2.10E+00	n	
				1.00E+00	P	5.00E-03	P			1			Aluminum	7429-90-5	7.70E+04	n	1.10E+06	nm	2.00E+04	n	
				4.00E-04	I					1			Aluminum Phosphide	20859-73-8	3.10E+01	n	4.70E+02	n	8.00E+00	n	
				3.00E-04	I					1	0.1		Amdro	67485-29-4	1.90E+01	n	2.50E+02	n	5.90E+00	n	
				9.00E-03	I					1	0.1		Ametryn	834-12-8	5.70E+02	n	7.40E+03	n	1.50E+02	n	
2.10E+01	C	6.00E-03	C							1	0.1		Aminobiphenyl, 4-	92-67-1	2.60E+00	c	1.10E+01	c	3.00E-01	c	
				8.00E-02	P					1	0.1		Aminophenol, m-	591-27-5	5.10E+03	n	6.60E+04	n	1.60E+03	n	
				2.00E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				2.50E-03	I					1	0.1		Amitraz	33089-61-1	1.60E+02	n	2.10E+03	n	8.20E+00	n	
						1.00E-01	I	V		1			Ammonia	7664-41-7							
				2.00E-01	I					1			Ammonium Sulfamate	7773-06-0	1.60E+04	n	2.30E+05	nm	4.00E+03	n	
						3.00E-03	X	V		1		1.37E+04	Amyl Alcohol, tert-	75-85-4	8.20E+01	n	3.40E+02	n	6.30E+00	n	
5.70E-03	I	1.60E-06	C	7.00E-03	P	1.00E-03	I			1	0.1		Aniline	62-53-3	4.40E+02	n	5.70E+03	n	1.40E+02	n	
4.00E-02	P			2.00E-03	X					1	0.1		Anthraquinone, 9,10-	84-65-1	1.30E+02	n	1.60E+03	n	3.00E+01	n	
				4.00E-04	I					0.15			Antimony (metallic)	7440-36-0	3.10E+01	n	4.70E+02	n	7.80E+00	n	6.00E+00
				5.00E-04	H					0.15			Antimony Pentoxide	1314-60-9	3.90E+01	n	5.80E+02	n	9.70E+00	n	
				9.00E-04	H					0.15			Antimony Potassium Tartrate	11071-15-1	7.00E+01	n	1.10E+03	n	1.80E+01	n	
				4.00E-04	H					0.15			Antimony Tetroxide	1332-81-6	3.10E+01	n	4.70E+02	n	7.80E+00	n	
						2.00E-04	I			0.15			Antimony Trioxide	1309-64-4	2.80E+05	nm	1.20E+06	nm			
				1.30E-02	I					1	0.1		Apollo	74115-24-5	8.20E+02	n	1.10E+04	n	2.30E+02	n	
2.50E-02	I	7.10E-06	I	5.00E-02	H					1	0.1		Aramite	140-57-8	2.20E+03	c**	9.20E+03	c**	1.30E+02	c**	
1.50E+00	I	4.30E-03	I	3.00E-04	I	1.50E-05	C			1	0.03		Arsenic, Inorganic	7440-38-2	3.50E+01	nR	3.00E+02	c**R	5.20E+00	c**	1.00E+01
				3.50E-06	C	5.00E-05	I			1			Arsine	7784-42-1	2.70E-01	n	4.10E+00	n	7.00E-02	n	
				9.00E-03	I					1	0.1		Assure	76578-14-8	5.70E+02	n	7.40E+03	n	1.20E+02	n	
				5.00E-02	I					1	0.1		Asulam	3337-71-1	3.20E+03	n	4.10E+04	n	1.00E+03	n	
2.30E-01	C			3.50E-02	I					1	0.1		Atrazine	1912-24-9	2.40E+02	c**	1.00E+03	c*	3.00E+01	c*	3.00E+00
8.80E-01	C	2.50E-04	C							1	0.1		Auramine	492-80-8	6.20E+01	c	2.60E+02	c	6.60E+00	c	
				4.00E-04	I					1	0.1		Avermectin B1	65195-55-3	2.50E+01	n	3.30E+02	n	8.00E+00	n	

RML
TR=1E-4
HQ=1.0

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1.10E-01	I	3.10E-05	I					V		1			Azobenzene	103-33-3	5.60E+02	c	2.60E+03	c	1.20E+01	c	
				1.00E+00	P	7.00E-06	P			1	0.1		Azodicarbonamide	123-77-3	8.60E+03	n	4.00E+04	n	2.00E+04	n	
				2.00E-01	I	5.00E-04	H			0.07			Barium	7440-39-3	1.50E+04	n	2.20E+05	nm	3.80E+03	n	2.00E+03
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Barium Chromate	10294-40-3	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
				4.00E-03	I					1	0.1		Baygon	114-26-1	2.50E+02	n	3.30E+03	n	7.80E+01	n	
				3.00E-02	I					1	0.1		Bayleton	43121-43-3	1.90E+03	n	2.50E+04	n	5.50E+02	n	
				2.50E-02	I					1	0.1		Baythroid	68359-37-5	1.60E+03	n	2.10E+04	n	1.20E+02	n	
				3.00E-01	I			V		1			Benefin	1861-40-1	2.30E+04	n	3.50E+05	nm	1.70E+03	n	
				5.00E-02	I					1	0.1		Benomyl	17804-35-2	3.20E+03	n	4.10E+04	n	9.70E+02	n	
				3.00E-02	I					1	0.1		Bentazon	25057-89-0	1.90E+03	n	2.50E+04	n	5.70E+02	n	
				1.00E-01	I			V		1		1.16E+03	Benzaldehyde	100-52-7	7.80E+03	ns	1.20E+05	nms	1.90E+03	n	
5.50E-02	I	7.80E-06	I	4.00E-03	I	3.00E-02	I	V		1		1.82E+03	Benzene	71-43-2	8.20E+01	n	4.20E+02	n	3.30E+01	n	5.00E+00
1.00E-01	X			3.00E-04	X					1	0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	1.90E+01	n	2.50E+02	n	6.00E+00	n	
				1.00E-03	P			V		1		1.26E+03	Benzenethiol	108-98-5	7.80E+01	n	1.20E+03	n	1.70E+01	n	
2.30E+02	I	6.70E-02	I	3.00E-03	I				M	1	0.1		Benzidine	92-87-5	5.30E-02	c	1.00E+00	c	1.10E-02	c	
				4.00E+00	I					1	0.1		Benzoic Acid	65-85-0	2.50E+05	nm	3.30E+06	nm	7.50E+04	n	
1.30E+01	I							V		1		3.24E+02	Benzotrichloride	98-07-7	5.30E+00	c	2.50E+01	c	2.90E-01	c	
				1.00E-01	P					1	0.1		Benzyl Alcohol	100-51-6	6.30E+03	n	8.20E+04	n	2.00E+03	n	
1.70E-01	I	4.90E-05	C	2.00E-03	P	1.00E-03	P	V		1		1.46E+03	Benzyl Chloride	100-44-7	2.30E+01	n	1.10E+02	n	2.00E+00	n	
		2.40E-03	I	2.00E-03	I	2.00E-05	I			0.007			Beryllium and compounds	7440-41-7	1.60E+02	n	2.30E+03	n	2.50E+01	n	4.00E+00
				1.00E-04	I					1	0.1		Bidrin	141-66-2	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				9.00E-03	P					1	0.1		Bifenox	42576-02-3	5.70E+02	n	7.40E+03	n	1.00E+02	n	
				1.50E-02	I					1	0.1		Biphenthrin	82657-04-3	9.50E+02	n	1.20E+04	n	3.00E+02	n	
8.00E-03	I			5.00E-01	I	4.00E-04	X	V		1			Biphenyl, 1,1'-	92-52-4	4.70E+01	n	2.00E+02	n	8.30E-01	n	
7.00E-02	H	1.00E-05	H	4.00E-02	I			V		1		1.02E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.90E+02	c**	2.20E+03	c*s	3.60E+01	c*	
				3.00E-03	P					1	0.1		Bis(2-chloroethoxy)methane	111-91-1	1.90E+02	n	2.50E+03	n	5.90E+01	n	
1.10E+00	I	3.30E-04	I					V		1		5.05E+03	Bis(2-chloroethyl)ether	111-44-4	2.30E+01	c	1.00E+02	c	1.40E+00	c	
2.20E+02	I	6.20E-02	I					V		1		4.22E+03	Bis(chloromethyl)ether	542-88-1	8.30E-03	c	3.60E-02	c	7.20E-03	c	
				5.00E-02	I					1	0.1		Bisphenol A	80-05-7	3.20E+03	n	4.10E+04	n	7.70E+02	n	
				2.00E-01	I	2.00E-02	H			1			Boron And Borates Only	7440-42-8	1.60E+04	n	2.30E+05	nm	4.00E+03	n	
				2.00E+00	P	2.00E-02	P	V		1			Boron Trichloride	10294-34-5	1.60E+05	nm	2.30E+06	nm	4.20E+01	n	
				4.00E-02	C	1.30E-02	C	V		1			Boron Trifluoride	7637-07-2	3.10E+03	n	4.70E+04	n	2.60E+01	n	
7.00E-01	I			4.00E-03	I					1			Bromate	15541-45-4	9.90E+01	c**	4.70E+02	c*	1.10E+01	c**	1.00E+01
2.00E+00	X	6.00E-04	X					V		1		2.38E+03	Bromo-2-chloroethane, 1-	107-04-0	2.60E+00	c	1.10E+01	c	7.40E-01	c	
				8.00E-03	I	6.00E-02	I	V		1		6.79E+02	Bromobenzene	108-86-1	2.90E+02	n	1.80E+03	ns	6.20E+01	n	
						4.00E-02	X	V		1		4.04E+03	Bromochloromethane	74-97-5	1.50E+02	n	6.30E+02	n	8.30E+01	n	
6.20E-02	I	3.70E-05	C	2.00E-02	I			V		1		9.31E+02	Bromodichloromethane	75-27-4	2.90E+01	c*	1.30E+02	c	1.30E+01	c*	8.0E+01(F)
7.90E-03	I	1.10E-06	I	2.00E-02	I			V		1		9.15E+02	Bromoform	75-25-2	1.60E+03	ns	8.60E+03	c**s	3.30E+02	c**	8.0E+01(F)
				1.40E-03	I	5.00E-03	I	V		1		3.59E+03	Bromomethane	74-83-9	6.80E+00	n	3.00E+01	n	7.50E+00	n	
				5.00E-03	H			V		1			Bromophos	2104-96-3	3.90E+02	n	5.80E+03	n	3.50E+01	n	
				2.00E-02	I					1	0.1		Bromoxynil	1689-84-5	1.30E+03	n	1.60E+04	n	3.30E+02	n	
				2.00E-02	I			V		1			Bromoxynil Octanoate	1689-99-2	1.60E+03	n	2.30E+04	n	1.40E+02	n	
3.40E+00	C	3.00E-05	I			2.00E-03	I	V		1		6.67E+02	Butadiene, 1,3-	106-99-0	1.80E+00	n	7.60E+00	n	1.80E+00	c**	
				1.00E-01	I			V		1		7.64E+03	Butanol, N-	71-36-3	7.80E+03	ns	1.20E+05	nms	2.00E+03	n	
1.90E-03	P			2.00E-01	I					1	0.1		Butyl Benzyl Phthlate	85-68-7	1.30E+04	n	1.20E+05	c**m	1.60E+03	c**	
				2.00E+00	P	3.00E+01	P	V		1		2.13E+04	Butyl alcohol, sec-	78-92-2	1.30E+05	nms	1.50E+06	nms	2.40E+04	n	
				5.00E-02	I			V		1			Butylate	2008-41-5	3.90E+03	n	5.80E+04	n	4.60E+02	n	
2.00E-04	C	5.70E-08	C							1	0.1		Butylated hydroxyanisole	25013-16-5	2.70E+05	cm	1.10E+06	cm	2.40E+04	c	
3.60E-03	P			3.00E-01	P					1	0.1		Butylated hydroxytoluene	128-37-0	1.50E+04	c**	6.40E+04	c**	3.30E+02	c**	

RML HQ=1.0

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				5.00E-02	P			V		1		1.08E+02	Butylbenzene, n-	104-51-8	3.90E+03	ns	5.80E+04	ns	1.00E+03	n	
				1.00E-01	X			V		1		1.45E+02	Butylbenzene, sec-	135-98-8	7.80E+03	ns	1.20E+05	nms	2.00E+03	n	
				1.00E-01	X			V		1		1.83E+02	Butylbenzene, tert-	98-06-6	7.80E+03	ns	1.20E+05	nms	6.90E+02	n	
				2.00E-02	A					1	0.1		Cacodylic Acid	75-60-5	1.30E+03	n	1.60E+04	n	4.00E+02	n	
		1.80E-03	I	1.00E-03	I	1.00E-05	A			0.025	0.001		Cadmium (Diet)	7440-43-9	7.10E+01	n	9.80E+02	n			
		1.80E-03	I	5.00E-04	I	1.00E-05	A			0.05	0.001		Cadmium (Water)	7440-43-9					9.20E+00	n	5.00E+00
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Calcium Chromate	13765-19-0	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
				5.00E-01	I	2.20E-03	C			1	0.1		Caprolactam	105-60-2	3.10E+04	n	4.00E+05	nm	9.90E+03	n	
1.50E-01	C	4.30E-05	C	2.00E-03	I					1	0.1		Captafol	2425-06-1	1.30E+02	n	1.50E+03	c**	3.20E+01	n	
2.30E-03	C	6.60E-07	C	1.30E-01	I					1	0.1		Captan	133-06-2	8.20E+03	n	1.00E+05	c**	2.40E+03	n	
				1.00E-01	I					1	0.1		Carbaryl	63-25-2	6.30E+03	n	8.20E+04	n	1.80E+03	n	
				5.00E-03	I					1	0.1		Carbofuran	1563-66-2	3.20E+02	n	4.10E+03	n	9.40E+01	n	4.00E+01
				1.00E-01	I	7.00E-01	I	V		1		7.38E+02	Carbon Disulfide	75-15-0	7.70E+02	ns	3.50E+03	ns	8.10E+02	n	
7.00E-02	I	6.00E-06	I	4.00E-03	I	1.00E-01	I	V		1		4.58E+02	Carbon Tetrachloride	56-23-5	6.50E+01	c**	2.90E+02	c**	4.50E+01	c**	5.00E+00
				1.00E-02	I					1	0.1		Carbosulfan	55285-14-8	6.30E+02	n	8.20E+03	n	5.10E+01	n	
				1.00E-01	I					1	0.1		Carboxin	5234-68-4	6.30E+03	n	8.20E+04	n	1.90E+03	n	
						9.00E-04	I			1			Ceric oxide	1306-38-3	1.30E+06	nm	5.40E+06	nm			
				1.00E-01	I			V		1			Chloral Hydrate	302-17-0	7.80E+03	n	1.20E+05	nm	2.00E+03	n	
				1.50E-02	I					1	0.1		Chloramben	133-90-4	9.50E+02	n	1.20E+04	n	2.90E+02	n	
4.00E-01	H									1	0.1		Chloranil	118-75-2	1.30E+02	c	5.70E+02	c	1.80E+01	c	
3.50E-01	I	1.00E-04	I	5.00E-04	I	7.00E-04	I	V		1	0.04		Chlordane	12789-03-6	3.40E+01	n	4.20E+02	n	1.30E+00	n	2.00E+00
1.00E+01	I	4.60E-03	C	3.00E-04	I					1	0.1		Chlordecone (Kepone)	143-50-0	5.40E+00	c**	2.30E+01	c*	3.50E-01	c**	
				7.00E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.40E+01	n	5.70E+02	n	1.10E+01	n	
				2.00E-02	I					1	0.1		Chlorimuron, Ethyl-	90982-32-4	1.30E+03	n	1.60E+04	n	3.90E+02	n	
				1.00E-01	I	1.50E-04	A	V		1		2.78E+03	Chlorine	7782-50-5	1.80E-01	n	7.80E-01	n	3.00E-01	n	
				3.00E-02	I	2.00E-04	I	V		1			Chlorine Dioxide	10049-04-4	2.30E+03	n	3.40E+04	n	4.20E-01	n	
				3.00E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.30E+03	n	3.50E+04	n	6.00E+02	n	1.00E+03
						5.00E+01	I	V		1		1.15E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.40E+04	ns	2.30E+05	nms	1.00E+05	n	
		3.00E-04	I	2.00E-02	H	2.00E-02	I	V		1		7.51E+02	Chloro-1,3-butadiene, 2-	126-99-8	1.00E+00	c*	4.40E+00	c*	1.90E+00	c*	
4.60E-01	H									1	0.1		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.20E+02	c	5.00E+02	c	1.70E+01	c	
1.00E-01	P	7.70E-05	C	3.00E-03	X					1	0.1		Chloro-2-methylaniline, 4-	95-69-2	1.90E+02	n	2.30E+03	c**	5.40E+01	n	
2.70E-01	X							V		1		2.83E+04	Chloroacetaldehyde, 2-	107-20-0	2.60E+02	c	1.20E+03	c	2.90E+01	c	
				2.00E-03	H					1	0.1		Chloroacetic Acid	79-11-8	1.30E+02	n	1.60E+03	n	4.00E+01	n	6.00E+01
						3.00E-05	I			1	0.1		Chloroacetophenone, 2-	532-27-4	4.30E+04	n	1.80E+05	nm			
2.00E-01	P			4.00E-03	I					1	0.1		Chloroaniline, p-	106-47-8	2.50E+02	n	1.10E+03	c**	3.60E+01	c**	
				2.00E-02	I	5.00E-02	P	V		1		7.61E+02	Chlorobenzene	108-90-7	2.80E+02	n	1.30E+03	ns	7.80E+01	n	1.00E+02
1.10E-01	C	3.10E-05	C	2.00E-02	I					1	0.1		Chlorobenzilate	510-15-6	4.90E+02	c**	2.10E+03	c**	3.10E+01	c**	
				3.00E-02	X					1	0.1		Chlorobenzoic Acid, p-	74-11-3	1.90E+03	n	2.50E+04	n	5.10E+02	n	
				3.00E-03	P	3.00E-01	P	V		1		1.17E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.10E+02	ns	2.50E+03	ns	3.50E+01	n	
				4.00E-02	P			V		1		7.28E+02	Chlorobutane, 1-	109-69-3	3.10E+03	ns	4.70E+04	ns	6.40E+02	n	
						5.00E+01	I	V		1		1.68E+03	Chlorodifluoromethane	75-45-6	4.90E+04	ns	2.10E+05	nms	1.00E+05	n	
				2.00E-02	P			V		1		1.11E+05	Chloroethanol, 2-	107-07-3	1.60E+03	n	2.30E+04	n	4.00E+02	n	
3.10E-02	C	2.30E-05	I	1.00E-02	I	9.80E-02	A	V		1		2.54E+03	Chloroform	67-66-3	3.20E+01	c**	1.40E+02	c**	2.20E+01	c**	8.0E+01(F)
						9.00E-02	I	V		1		1.32E+03	Chloromethane	74-87-3	1.10E+02	n	4.60E+02	n	1.90E+02	n	
2.40E+00	C	6.90E-04	C					V		1		2.58E+04	Chloromethyl Methyl Ether	107-30-2	2.00E+00	c	8.90E+00	c	6.50E-01	c	
3.00E-01	P			3.00E-03	P	1.00E-05	X			1	0.1		Chloronitrobenzene, o-	88-73-3	1.80E+02	c**	7.70E+02	c**	2.30E+01	c**	
6.30E-03	P			1.00E-03	P	6.00E-04	P			1	0.1		Chloronitrobenzene, p-	100-00-5	6.30E+01	n	8.20E+02	n	1.80E+01	n	
				5.00E-03	I			V		1		2.19E+04	Chlorophenol, 2-	95-57-8	3.90E+02	n	5.80E+03	n	9.10E+01	n	
						4.00E-04	C	V		1		6.17E+02	Chloropicrin	76-06-2	2.00E+00	n	8.20E+00	n	8.30E-01	n	

RML TR=1E-4 HQ=1.0

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
3.10E-03	C	8.90E-07	C	1.50E-02	I					1	0.1		Chlorothalonil	1897-45-6	9.50E+02	n	1.20E+04	n	2.60E+02	n	
				2.00E-02	I			V		1		9.07E+02	Chlorotoluene, o-	95-49-8	1.60E+03	ns	2.30E+04	ns	2.40E+02	n	
				2.00E-02	X			V		1		2.53E+02	Chlorotoluene, p-	106-43-4	1.60E+03	ns	2.30E+04	ns	2.50E+02	n	
2.40E+02	C	6.90E-02	C							1	0.1		Chlorozotocin	54749-90-5	2.30E-01	c	9.60E-01	c	3.20E-02	c	
				2.00E-01	I					1	0.1		Chlorpropham	101-21-3	1.30E+04	n	1.60E+05	nm	2.80E+03	n	
				1.00E-03	A					1	0.1		Chlorpyrifos	2921-88-2	6.30E+01	n	8.20E+02	n	8.40E+00	n	
				1.00E-02	H					1	0.1		Chlorpyrifos Methyl	5598-13-0	6.30E+02	n	8.20E+03	n	1.20E+02	n	
				5.00E-02	I					1	0.1		Chlorsulfuron	64902-72-3	3.20E+03	n	4.10E+04	n	9.90E+02	n	
				8.00E-04	H					1	0.1		Chlorthiophos	60238-56-4	5.10E+01	n	6.60E+02	n	2.80E+00	n	
				1.50E+00	I					0.013			Chromium(III), Insoluble Salts	16065-83-1	1.20E+05	nm	1.80E+06	nm	2.20E+04	n	
5.00E-01	J	8.40E-02	S	3.00E-03	I	1.00E-04	I		M	0.025			Chromium(VI)	18540-29-9	3.00E+01	c**	6.30E+02	c**	3.50E+00	c*	
										0.013			Chromium, Total	7440-47-3							1.00E+02
		9.00E-03	P	3.00E-04	P	6.00E-06	P			1			Cobalt	7440-48-4	2.30E+01	n	3.50E+02	n	6.00E+00	n	
		6.20E-04	I					V	M	1			Coke Oven Emissions	8007-45-2							
				4.00E-02	H					1			Copper	7440-50-8	3.10E+03	n	4.70E+04	n	8.00E+02	n	1.30E+03
				5.00E-02	I	6.00E-01	C			1	0.1		Cresol, m-	108-39-4	3.20E+03	n	4.10E+04	n	9.30E+02	n	
				5.00E-02	I	6.00E-01	C			1	0.1		Cresol, o-	95-48-7	3.20E+03	n	4.10E+04	n	9.30E+02	n	
				1.00E-01	A	6.00E-01	C			1	0.1		Cresol, p-	106-44-5	6.30E+03	n	8.20E+04	n	1.90E+03	n	
				1.00E-01	A					1	0.1		Cresol, p-chloro-m-	59-50-7	6.30E+03	n	8.20E+04	n	1.40E+03	n	
				1.00E-01	A	6.00E-01	C			1	0.1		Cresols	1319-77-3	6.30E+03	n	8.20E+04	n	1.90E+03	n	
1.90E+00	H			1.00E-03	P			V		1		1.66E+04	Crotonaldehyde, trans-	123-73-9	3.70E+01	c**	1.70E+02	c**	4.00E+00	c**	
				1.00E-01	I	4.00E-01	I	V		1		2.68E+02	Cumene	98-82-8	1.90E+03	ns	9.90E+03	ns	4.50E+02	n	
2.20E-01	C	6.30E-05	C							1	0.1		Cupferron	135-20-6	2.50E+02	c	1.00E+03	c	3.50E+01	c	
8.40E-01	H			2.00E-03	H					1	0.1		Cyanazine	21725-46-2	6.50E+01	c**	2.70E+02	c**	8.70E+00	c**	
													Cyanides								
				1.00E-03	I					1			~Calcium Cyanide	592-01-8	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				5.00E-03	I					1			~Copper Cyanide	544-92-3	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				6.00E-04	I	8.00E-04	S	V		1		9.72E+05	~Cyanide (CN-)	57-12-5	2.70E+00	n	1.20E+01	n	1.50E+00	n	2.00E+02
				1.00E-03	I			V		1			~Cyanogen	460-19-5	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				9.00E-02	I			V		1			~Cyanogen Bromide	506-68-3	7.00E+03	n	1.10E+05	nm	1.80E+03	n	
				5.00E-02	I			V		1			~Cyanogen Chloride	506-77-4	3.90E+03	n	5.80E+04	n	1.00E+03	n	
				6.00E-04	I	8.00E-04	I	V		1		1.00E+07	~Hydrogen Cyanide	74-90-8	2.30E+01	n	1.50E+02	n	1.50E+00	n	
				2.00E-03	I					1			~Potassium Cyanide	151-50-8	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				5.00E-03	I					0.04			~Potassium Silver Cyanide	506-61-6	3.90E+02	n	5.80E+03	n	8.20E+01	n	
				1.00E-01	I					0.04			~Silver Cyanide	506-64-9	7.80E+03	n	1.20E+05	nm	1.80E+03	n	
				1.00E-03	I					1			~Sodium Cyanide	143-33-9	7.80E+01	n	1.20E+03	n	2.00E+01	n	2.00E+02
				2.00E-04	P					1			~Thiocyanates	NA	1.60E+01	n	2.30E+02	n	4.00E+00	n	
				2.00E-04	X			V		1			~Thiocyanic Acid	463-56-9	1.60E+01	n	2.30E+02	n	4.00E+00	n	
				5.00E-02	I					1			~Zinc Cyanide	557-21-1	3.90E+03	n	5.80E+04	n	1.00E+03	n	
						6.00E+00	I	V		1		1.17E+02	Cyclohexane	110-82-7	6.50E+03	ns	2.70E+04	ns	1.30E+04	n	
2.30E-02	H									1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.40E+03	c	1.00E+04	c	2.40E+02	c	
				5.00E+00	I	7.00E-01	P	V		1		5.11E+03	Cyclohexanone	108-94-1	2.80E+04	ns	1.30E+05	nms	1.40E+03	n	
				5.00E-03	P	1.00E+00	X	V		1		2.83E+02	Cyclohexene	110-83-8	3.10E+02	ns	3.10E+03	ns	7.00E+01	n	
				2.00E-01	I			V		1		2.93E+05	Cyclohexylamine	108-91-8	1.60E+04	n	2.30E+05	nm	3.80E+03	n	
				5.00E-03	I					1	0.1		Cyhalothrin/karate	68085-85-8	3.20E+02	n	4.10E+03	n	1.00E+02	n	
				1.00E-02	I					1	0.1		Cypermethrin	52315-07-8	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				7.50E-03	I					1	0.1		Cyromazine	66215-27-8	4.70E+02	n	6.20E+03	n	1.50E+02	n	
2.40E-01	I	6.90E-05	C							1	0.1		DDD	72-54-8	2.30E+02	c	9.60E+02	c	3.10E+00	c	
3.40E-01	I	9.70E-05	C					V		1			DDE, p,p'-	72-55-9	2.00E+02	c	9.30E+02	c	4.60E+00	c	

RML
HQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
3.40E-01	I	9.70E-05	I	5.00E-04	I					1	0.03		DDT	50-29-3	3.70E+01	n	5.20E+02	n	1.00E+01	n	
				1.00E-02	I					1	0.1		Dacthal	1861-32-1	6.30E+02	n	8.20E+03	n	1.20E+02	n	
				3.00E-02	I					1	0.1		Dalapon	75-99-0	1.90E+03	n	2.50E+04	n	6.00E+02	n	2.00E+02
7.00E-04	I			7.00E-03	I					1	0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.40E+02	n	5.70E+03	n	1.40E+02	n	
				4.00E-05	I					1	0.1		Demeton	8065-48-3	2.50E+00	n	3.30E+01	n	6.70E-01	n	
1.20E-03	I			6.00E-01	I					1	0.1		Di(2-ethylhexyl)adipate	103-23-1	3.80E+04	n	1.90E+05	c**m	6.50E+03	c**	4.00E+02
6.10E-02	H									1	0.1		Diallate	2303-16-4	8.90E+02	c	3.80E+03	c	5.20E+01	c	
				7.00E-04	A					1	0.1		Diazinon	333-41-5	4.40E+01	n	5.70E+02	n	1.00E+01	n	
				1.00E-02	X			V		1			Dibenzothiophene	132-65-0	7.80E+02	n	1.20E+04	n	6.50E+01	n	
8.00E-01	P	6.00E-03	P	2.00E-04	P	2.00E-04	I	V	M	1		9.79E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.30E-01	c**	6.40E+00	c**	3.30E-02	c*	2.00E-01
				4.00E-04	X			V		1		1.59E+02	Dibromobenzene, 1,3-	108-36-1	3.10E+01	n	4.70E+02	ns	5.30E+00	n	
				1.00E-02	I			V		1			Dibromobenzene, 1,4-	106-37-6	7.80E+02	n	1.20E+04	n	1.30E+02	n	
8.40E-02	I	2.70E-05	C	2.00E-02	I			V		1		8.02E+02	Dibromochloromethane	124-48-1	7.50E+01	c*	3.30E+02	c*	1.70E+01	c*	8.0E+01(F)
2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I	V		1		1.34E+03	Dibromoethane, 1,2-	106-93-4	3.60E+00	c*	1.60E+01	c*	7.50E-01	c*	5.00E-02
				1.00E-02	H	4.00E-03	X	V		1		2.82E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.30E+01	n	9.80E+01	n	8.00E+00	n	
				3.00E-04	P					1	0.1		Dibutyltin Compounds	NA	1.90E+01	n	2.50E+02	n	6.00E+00	n	
				3.00E-02	I					1	0.1		Dicamba	1918-00-9	1.90E+03	n	2.50E+04	n	5.70E+02	n	
		4.20E-03	P					V		1		5.18E+02	Dichloro-2-butene, 1,4-	764-41-0	8.30E-01	c	3.60E+00	c	1.30E-01	c	
		4.20E-03	P					V		1		5.19E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	7.40E-01	c	3.20E+00	c	1.30E-01	c	
		4.20E-03	P					V		1		7.60E+02	Dichloro-2-butene, trans-1,4-	110-57-6	7.40E-01	c	3.20E+00	c	1.30E-01	c	
5.00E-02	I			4.00E-03	I					1	0.1		Dichloroacetic Acid	79-43-6	2.50E+02	n	3.30E+03	n	7.90E+01	n	6.00E+01
				9.00E-02	I	2.00E-01	H	V		1		3.76E+02	Dichlorobenzene, 1,2-	95-50-1	1.80E+03	ns	9.30E+03	ns	3.00E+02	n	6.00E+02
5.40E-03	C	1.10E-05	C	7.00E-02	A	8.00E-01	I	V		1			Dichlorobenzene, 1,4-	106-46-7	2.60E+02	c*	1.10E+03	c*	4.80E+01	c*	7.50E+01
4.50E-01	I	3.40E-04	C							1	0.1		Dichlorobenzidine, 3,3'-	91-94-1	1.20E+02	c	5.10E+02	c	1.20E+01	c	
				9.00E-03	X					1	0.1		Dichlorobenzophenone, 4,4'-	90-98-2	5.70E+02	n	7.40E+03	n	7.80E+01	n	
				2.00E-01	I	1.00E-01	X	V		1		8.45E+02	Dichlorodifluoromethane	75-71-8	8.70E+01	n	3.70E+02	n	2.00E+02	n	
5.70E-03	C	1.60E-06	C	2.00E-01	P			V		1		1.69E+03	Dichloroethane, 1,1-	75-34-3	3.60E+02	c*	1.60E+03	c	2.70E+02	c*	
9.10E-02	I	2.60E-05	I	6.00E-03	X	7.00E-03	P	V		1		2.98E+03	Dichloroethane, 1,2-	107-06-2	3.10E+01	n	1.40E+02	n	1.30E+01	n	5.00E+00
				5.00E-02	I	2.00E-01	I	V		1		1.19E+03	Dichloroethylene, 1,1-	75-35-4	2.30E+02	n	1.00E+03	n	2.80E+02	n	7.00E+00
				2.00E-03	I			V		1		2.37E+03	Dichloroethylene, 1,2-cis-	156-59-2	1.60E+02	n	2.30E+03	n	3.60E+01	n	7.00E+01
				2.00E-02	I			V		1		1.86E+03	Dichloroethylene, 1,2-trans-	156-60-5	1.60E+03	n	2.30E+04	ns	3.60E+02	n	1.00E+02
				3.00E-03	I					1	0.1		Dichlorophenol, 2,4-	120-83-2	1.90E+02	n	2.50E+03	n	4.60E+01	n	
				1.00E-02	I					1	0.05		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.00E+02	n	9.60E+03	n	1.70E+02	n	7.00E+01
				8.00E-03	I					1	0.1		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	5.10E+02	n	6.60E+03	n	1.20E+02	n	
3.60E-02	C	1.00E-05	C	9.00E-02	A	4.00E-03	I	V		1		1.36E+03	Dichloropropane, 1,2-	78-87-5	1.60E+01	n	6.60E+01	n	8.30E+00	n	5.00E+00
				2.00E-02	P			V		1		1.49E+03	Dichloropropane, 1,3-	142-28-9	1.60E+03	ns	2.30E+04	ns	3.70E+02	n	
				3.00E-03	I					1	0.1		Dichloropropanol, 2,3-	616-23-9	1.90E+02	n	2.50E+03	n	5.90E+01	n	
1.00E-01	I	4.00E-06	I	3.00E-02	I	2.00E-02	I	V		1		1.57E+03	Dichloropropene, 1,3-	542-75-6	7.20E+01	n	3.10E+02	n	3.90E+01	n	
2.90E-01	I	8.30E-05	C	5.00E-04	I	5.00E-04	I			1	0.1		Dichlorvos	62-73-7	3.20E+01	n	4.10E+02	n	9.90E+00	n	
				8.00E-02	P	3.00E-04	X	V		1			Dicyclopentadiene	77-73-6	1.30E+00	n	5.40E+00	n	6.30E-01	n	
1.60E+01	I	4.60E-03	I	5.00E-05	I					1	0.1		Dieldrin	60-57-1	3.20E+00	n	1.40E+01	c**	1.70E-01	c**	
		3.00E-04	C			5.00E-03	I			1	0.1		Diesel Engine Exhaust	NA							
				2.00E-03	P	2.00E-04	P			1	0.1		Diethanolamine	111-42-2	1.30E+02	n	1.60E+03	n	4.00E+01	n	
				3.00E-02	P	1.00E-04	P			1	0.1		Diethylene Glycol Monobutyl Ether	112-34-5	1.90E+03	n	2.40E+04	n	6.00E+02	n	
				6.00E-02	P	3.00E-04	P			1	0.1		Diethylene Glycol Monoethyl Ether	111-90-0	3.80E+03	n	4.80E+04	n	1.20E+03	n	
				1.00E-03	P			V		1		1.12E+05	Diethylformamide	617-84-5	7.80E+01	n	1.20E+03	n	2.00E+01	n	
3.50E+02	C	1.00E-01	C							1	0.1		Diethylstilbestrol	56-53-1	1.60E-01	c	6.60E-01	c	4.90E-03	c	
				8.00E-02	I					1	0.1		Difenzoquat	43222-48-6	5.10E+03	n	6.60E+04	n	1.60E+03	n	
				2.00E-02	I					1	0.1		Diflubenzuron	35367-38-5	1.30E+03	n	1.60E+04	n	2.90E+02	n	

RML HQ=1.0

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
						4.00E+01	I	V		1		1.43E+03	Difluoroethane, 1,1-	75-37-6	4.80E+04	ns	2.00E+05	nms	8.30E+04	n	
4.40E-02	C	1.30E-05	C					V		1			Dihydrosafrole	94-58-6	3.20E+01	c	1.40E+02	c	3.00E+01	c	
						7.00E-01	P	V		1		2.26E+03	Diisopropyl Ether	108-20-3	2.20E+03	n	9.40E+03	ns	1.50E+03	n	
				8.00E-02	I			V		1		5.30E+02	Diisopropyl Methylphosphonate	1445-75-6	6.30E+03	ns	9.30E+04	ns	1.60E+03	n	
				2.00E-02	I					1	0.1		Dimethipin	55290-64-7	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				2.00E-04	I					1	0.1		Dimethoate	60-51-5	1.30E+01	n	1.60E+02	n	4.00E+00	n	
1.60E+00	P									1	0.1		Dimethoxybenzidine, 3,3'-	119-90-4	3.40E+01	c	1.40E+02	c	4.70E+00	c	
1.70E-03	P			6.00E-02	P					1	0.1		Dimethyl methylphosphonate	756-79-6	3.80E+03	n	4.90E+04	n	1.20E+03	n	
4.60E+00	C	1.30E-03	C							1	0.1		Dimethylamino azobenzene [p-]	60-11-7	1.20E+01	c	5.00E+01	c	4.90E-01	c	
5.80E-01	H									1	0.1		Dimethylaniline HCl, 2,4-	21436-96-4	9.40E+01	c	4.00E+02	c	1.30E+01	c	
2.00E-01	P			2.00E-03	X					1	0.1		Dimethylaniline, 2,4-	95-68-1	1.30E+02	n	1.10E+03	c**	3.70E+01	c**	
				2.00E-03	I			V		1		8.30E+02	Dimethylaniline, N,N-	121-69-7	1.60E+02	n	2.30E+03	ns	3.50E+01	n	
1.10E+01	P									1	0.1		Dimethylbenzidine, 3,3'-	119-93-7	4.90E+00	c	2.10E+01	c	6.50E-01	c	
				1.00E-01	P	3.00E-02	I	V		1		1.06E+05	Dimethylformamide	68-12-2	2.60E+03	n	1.50E+04	n	6.10E+01	n	
				1.00E-04	X	2.00E-06	X	V		1		1.72E+05	Dimethylhydrazine, 1,1-	57-14-7	3.20E-01	n	1.40E+00	n	4.20E-03	n	
5.50E+02	C	1.60E-01	C					V		1		1.89E+05	Dimethylhydrazine, 1,2-	540-73-8	8.80E-02	c	4.10E-01	c	2.80E-03	c	
				2.00E-02	I					1	0.1		Dimethylphenol, 2,4-	105-67-9	1.30E+03	n	1.60E+04	n	3.60E+02	n	
				6.00E-04	I					1	0.1		Dimethylphenol, 2,6-	576-26-1	3.80E+01	n	4.90E+02	n	1.10E+01	n	
				1.00E-03	I					1	0.1		Dimethylphenol, 3,4-	95-65-8	6.30E+01	n	8.20E+02	n	1.80E+01	n	
4.50E-02	C	1.30E-05	C					V		1		1.09E+03	Dimethylvinylchloride	513-37-1	2.10E+01	c	9.40E+01	c	3.30E+01	c	
				8.00E-05	X					1	0.1		Dinitro-o-cresol, 4,6-	534-52-1	5.10E+00	n	6.60E+01	n	1.50E+00	n	
				2.00E-03	I					1	0.1		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.30E+02	n	1.60E+03	n	2.30E+01	n	
				1.00E-04	P					1	0.1		Dinitrobenzene, 1,2-	528-29-0	6.30E+00	n	8.20E+01	n	1.90E+00	n	
				1.00E-04	I					1	0.1		Dinitrobenzene, 1,3-	99-65-0	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				1.00E-04	P					1	0.1		Dinitrobenzene, 1,4-	100-25-4	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				2.00E-03	I					1	0.1		Dinitrophenol, 2,4-	51-28-5	1.30E+02	n	1.60E+03	n	3.90E+01	n	
6.80E-01	I									1	0.1		Dinitrotoluene Mixture, 2,4/2,6-	NA	8.00E+01	c	3.40E+02	c	1.10E+01	c	
3.10E-01	C	8.90E-05	C	2.00E-03	I					1	0.102		Dinitrotoluene, 2,4-	121-14-2	1.30E+02	n	7.40E+02	c**	2.40E+01	c**	
1.50E+00	P			3.00E-04	X					1	0.099		Dinitrotoluene, 2,6-	606-20-2	1.90E+01	n	1.50E+02	c**	4.80E+00	c**	
				2.00E-03	S					1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.50E+02	n	2.30E+03	n	3.90E+01	n	
				2.00E-03	S					1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.50E+02	n	2.30E+03	n	3.90E+01	n	
4.50E-01	X			9.00E-04	X					1	0.1		Dinitrotoluene, Technical grade	25321-14-6	5.70E+01	n	5.10E+02	c**	1.60E+01	c**	
				1.00E-03	I					1	0.1		Dinoseb	88-85-7	6.30E+01	n	8.20E+02	n	1.50E+01	n	7.00E+00
1.00E-01	I	5.00E-06	I	3.00E-02	I	3.00E-02	I	V		1		1.16E+05	Dioxane, 1,4-	123-91-1	5.30E+02	c**	2.40E+03	c**	4.60E+01	c**	
													Dioxins								
6.20E+03	I	1.30E+00	I							1	0.03		~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.00E-02	c	4.70E-02	c	1.30E-03	c	
1.30E+05	C	3.80E+01	C	7.00E-10	I	4.00E-08	C	V		1	0.03		~TCDD, 2,3,7,8-	1746-01-6	5.10E-05	n	7.20E-04	n	1.20E-05	c**	3.00E-05
				3.00E-02	I					1	0.1		Diphenamid	957-51-7	1.90E+03	n	2.50E+04	n	5.30E+02	n	
				8.00E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	5.10E+01	n	6.60E+02	n	1.50E+01	n	
				2.50E-02	I					1	0.1		Diphenylamine	122-39-4	1.60E+03	n	2.10E+04	n	3.10E+02	n	
8.00E-01	I	2.20E-04	I							1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.80E+01	c	2.90E+02	c	7.70E+00	c	
				2.20E-03	I					1	0.1		Diquat	85-00-7	1.40E+02	n	1.80E+03	n	4.40E+01	n	2.00E+01
7.10E+00	C	1.40E-01	C							1	0.1		Direct Black 38	1937-37-7	7.60E+00	c	3.20E+01	c	1.10E+00	c	
7.40E+00	C	1.40E-01	C							1	0.1		Direct Blue 6	2602-46-2	7.30E+00	c	3.10E+01	c	1.10E+00	c	
6.70E+00	C	1.40E-01	C							1	0.1		Direct Brown 95	16071-86-6	8.10E+00	c	3.40E+01	c	1.20E+00	c	
				4.00E-05	I					1	0.1		Disulfoton	298-04-4	2.50E+00	n	3.30E+01	n	5.00E-01	n	
				1.00E-02	I			V		1			Dithiane, 1,4-	505-29-3	7.80E+02	n	1.20E+04	n	2.00E+02	n	
				2.00E-03	I					1	0.1		Diuron	330-54-1	1.30E+02	n	1.60E+03	n	3.60E+01	n	
				4.00E-03	I					1	0.1		Dodine	2439-10-3	2.50E+02	n	3.30E+03	n	8.00E+01	n	

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
				2.50E-02	I			V		1			EPTC	759-94-4	2.00E+03	n	2.90E+04	n	3.80E+02	n	
				6.00E-03	I			V		1			Endosulfan	115-29-7	4.70E+02	n	7.00E+03	n	1.00E+02	n	
				2.00E-02	I					1	0.1		Endothall	145-73-3	1.30E+03	n	1.60E+04	n	3.80E+02	n	1.00E+02
				3.00E-04	I					1	0.1		Endrin	72-20-8	1.90E+01	n	2.50E+02	n	2.30E+00	n	2.00E+00
9.90E-03	I	1.20E-06	I	6.00E-03	P	1.00E-03	I	V		1		1.05E+04	Epichlorohydrin	106-89-8	1.90E+01	n	8.20E+01	n	2.00E+00	n	
						2.00E-02	I	V		1		1.53E+04	Epoxybutane, 1,2-	106-88-7	1.60E+02	n	6.70E+02	n	4.20E+01	n	
				5.00E-03	I					1	0.1		Ethephon	16672-87-0	3.20E+02	n	4.10E+03	n	1.00E+02	n	
				5.00E-04	I					1	0.1		Ethion	563-12-2	3.20E+01	n	4.10E+02	n	4.30E+00	n	
				1.00E-01	P	6.00E-02	P	V		1		3.14E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.60E+03	n	1.40E+04	n	1.20E+02	n	
				9.00E-02	P	2.00E-01	I	V		1		1.06E+05	Ethoxyethanol, 2-	110-80-5	5.20E+03	n	4.70E+04	n	3.40E+02	n	
				9.00E-01	I	7.00E-02	P	V		1		1.08E+04	Ethyl Acetate	141-78-6	6.20E+02	n	2.60E+03	n	1.40E+02	n	
4.80E-02	H			5.00E-03	P	8.00E-03	P	V		1		2.50E+03	Ethyl Acrylate	140-88-5	4.70E+01	n	2.10E+02	n	1.40E+01	n	
						1.00E+01	I	V		1		2.12E+03	Ethyl Chloride (Chloroethane)	75-00-3	1.40E+04	ns	5.70E+04	ns	2.10E+04	n	
				2.00E-01	I			V		1		1.01E+04	Ethyl Ether	60-29-7	1.60E+04	ns	2.30E+05	nms	3.90E+03	n	
				9.00E-02	H	3.00E-01	P	V		1		1.10E+03	Ethyl Methacrylate	97-63-2	1.40E+03	ns	7.10E+03	ns	4.60E+02	n	
				1.00E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.30E-01	n	8.20E+00	n	8.90E-02	n	
1.10E-02	C	2.50E-06	C	1.00E-01	I	1.00E+00	I	V		1		4.80E+02	Ethylbenzene	100-41-4	5.80E+02	c**s	2.50E+03	c**s	1.50E+02	c**	7.00E+02
				7.00E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	4.40E+03	n	5.70E+04	n	1.40E+03	n	
				9.00E-02	P			V		1		1.89E+05	Ethylene Diamine	107-15-3	7.00E+03	n	1.10E+05	nm	1.80E+03	n	
				2.00E+00	I	4.00E-01	C			1	0.1		Ethylene Glycol	107-21-1	1.30E+05	nm	1.60E+06	nm	4.00E+04	n	
				1.00E-01	I	1.60E+00	I			1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.30E+03	n	8.20E+04	n	2.00E+03	n	
3.10E-01	C	8.80E-05	C			3.00E-02	C	V		1		1.21E+05	Ethylene Oxide	75-21-8	1.80E+01	c*	7.90E+01	c*	5.10E+00	c*	
4.50E-02	C	1.30E-05	C	8.00E-05	I					1	0.1		Ethylene Thiourea	96-45-7	5.10E+00	n	6.60E+01	n	1.60E+00	n	
6.50E+01	C	1.90E-02	C					V		1		1.54E+05	Ethyleneimine	151-56-4	2.70E-01	c	1.20E+00	c	2.40E-02	c	
				3.00E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.90E+05	nm	2.50E+06	nm	5.80E+04	n	
				8.00E-03	I					1	0.1		Express	101200-48-0	5.10E+02	n	6.60E+03	n	1.60E+02	n	
				2.50E-04	I					1	0.1		Fenamiphos	22224-92-6	1.60E+01	n	2.10E+02	n	4.40E+00	n	
				2.50E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.60E+03	n	2.10E+04	n	6.40E+01	n	
				1.30E-02	I					1	0.1		Fluometuron	2164-17-2	8.20E+02	n	1.10E+04	n	2.40E+02	n	
				4.00E-02	C	1.30E-02	C			1			Fluoride	16984-48-8	3.10E+03	n	4.70E+04	n	8.00E+02	n	
				6.00E-02	I	1.30E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.70E+03	n	7.00E+04	n	1.20E+03	n	4.00E+03
				8.00E-02	I					1	0.1		Fluridone	59756-60-4	5.10E+03	n	6.60E+04	n	1.40E+03	n	
				2.00E-02	I					1	0.1		Flurprimidol	56425-91-3	1.30E+03	n	1.60E+04	n	3.40E+02	n	
				6.00E-02	I					1	0.1		Flutolanil	66332-96-5	3.80E+03	n	4.90E+04	n	9.50E+02	n	
				1.00E-02	I					1	0.1		Fluvalinate	69409-94-5	6.30E+02	n	8.20E+03	n	2.00E+02	n	
3.50E-03	I			1.00E-01	I					1	0.1		Folpet	133-07-3	6.30E+03	n	6.60E+04	c**	1.80E+03	n	
1.90E-01	I									1	0.1		Fomesafen	72178-02-0	2.90E+02	c	1.20E+03	c	3.90E+01	c	
				2.00E-03	I					1	0.1		Fonofos	944-22-9	1.30E+02	n	1.60E+03	n	2.40E+01	n	
		1.30E-05	I	2.00E-01	I	9.80E-03	A	V		1		4.24E+04	Formaldehyde	50-00-0	7.60E+02	n	3.30E+03	n	2.00E+01	n	
				9.00E-01	P	3.00E-04	X	V		1		1.06E+05	Formic Acid	64-18-6	2.90E+01	n	1.20E+02	n	6.30E-01	n	
				3.00E+00	I					1	0.1		Fosetyl-AL	39148-24-8	1.90E+05	nm	2.50E+06	nm	6.00E+04	n	
													Furans								
				1.00E-03	X			V		1	0.03		~Dibenzofuran	132-64-9	7.30E+01	n	1.00E+03	n	7.90E+00	n	
				1.00E-03	I			V		1	0.03	6.22E+03	~Furan	110-00-9	7.30E+01	n	1.00E+03	n	1.90E+01	n	
				9.00E-01	I	2.00E+00	I	V		1	0.03	1.65E+05	~Tetrahydrofuran	109-99-9	1.80E+04	n	9.60E+04	n	3.40E+03	n	
3.80E+00	H									1	0.1		Furazolidone	67-45-8	1.40E+01	c	6.00E+01	c	2.00E+00	c	
				3.00E-03	I	5.00E-02	H	V		1		1.01E+04	Furfural	98-01-1	2.10E+02	n	2.60E+03	n	3.80E+01	n	
1.50E+00	C	4.30E-04	C							1	0.1		Furium	531-82-8	3.60E+01	c	1.50E+02	c	5.00E+00	c	
3.00E-02	I	8.60E-06	C							1	0.1		Furmecyclox	60568-05-0	1.80E+03	c	7.70E+03	c	1.10E+02	c	

RML THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
				4.00E-04	I					1	0.1		Glufosinate, Ammonium	77182-82-2	2.50E+01	n	3.30E+02	n	8.00E+00	n	
						8.00E-05	C			1	0.1		Glutaraldehyde	111-30-8	1.10E+05	nm	4.80E+05	nm			
				4.00E-04	I	1.00E-03	H	V		1		1.06E+05	Glycidyl	765-34-4	2.20E+01	n	1.90E+02	n	1.70E+00	n	
				1.00E-01	I					1	0.1		Glyphosate	1071-83-6	6.30E+03	n	8.20E+04	n	2.00E+03	n	7.00E+02
				3.00E-03	I					1	0.1		Goal	42874-03-3	1.90E+02	n	2.50E+03	n	3.20E+01	n	
				1.00E-02	X			V		1			Guanidine	113-00-8	7.80E+02	n	1.20E+04	n	2.00E+02	n	
				2.00E-02	P					1	0.1		Guanidine Chloride	50-01-1	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				3.00E-03	A	1.00E-02	A			1	0.1		Guthion	86-50-0	1.90E+02	n	2.50E+03	n	5.60E+01	n	
				5.00E-05	I					1	0.1		Haloxyfop, Methyl	69806-40-2	3.20E+00	n	4.10E+01	n	7.60E-01	n	
				1.30E-02	I					1	0.1		Harmony	79277-27-3	8.20E+02	n	1.10E+04	n	2.60E+02	n	
4.50E+00	I	1.30E-03	I	5.00E-04	I			V		1			Heptachlor	76-44-8	1.30E+01	c**	6.30E+01	c**	1.40E-01	c**	4.00E-01
9.10E+00	I	2.60E-03	I	1.30E-05	I			V		1			Heptachlor Epoxide	1024-57-3	1.00E+00	n	1.50E+01	n	1.20E-01	n	2.00E-01
				2.00E-03	I			V		1			Hexabromobenzene	87-82-1	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				2.00E-04	I					1	0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.30E+01	n	1.60E+02	n	4.00E+00	n	
1.60E+00	I	4.60E-04	I	8.00E-04	I			V		1			Hexachlorobenzene	118-74-1	2.10E+01	c**	9.60E+01	c**	9.80E-01	c*	1.00E+00
7.80E-02	I	2.20E-05	I	1.00E-03	P			V		1		1.68E+01	Hexachlorobutadiene	87-68-3	7.80E+01	ns	5.30E+02	c**s	6.50E+00	n	
6.30E+00	I	1.80E-03	I	8.00E-03	A					1	0.1		Hexachlorocyclohexane, Alpha-	319-84-6	8.60E+00	c*	3.60E+01	c	7.10E-01	c	
1.80E+00	I	5.30E-04	I							1	0.1		Hexachlorocyclohexane, Beta-	319-85-7	3.00E+01	c	1.30E+02	c	2.50E+00	c	
1.10E+00	C	3.10E-04	C	3.00E-04	I					1	0.04		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.10E+01	n	2.50E+02	c**	3.60E+00	n	2.00E-01
1.80E+00	I	5.10E-04	I							1	0.1		Hexachlorocyclohexane, Technical	608-73-1	3.00E+01	c	1.30E+02	c	2.50E+00	c	
				6.00E-03	I	2.00E-04	I	V		1		1.57E+01	Hexachlorocyclopentadiene	77-47-4	1.80E+00	n	7.50E+00	n	4.10E-01	n	5.00E+01
4.00E-02	I	1.10E-05	C	7.00E-04	I	3.00E-02	I	V		1			Hexachloroethane	67-72-1	4.50E+01	n	4.60E+02	n	6.20E+00	n	
				3.00E-04	I					1	0.1		Hexachlorophene	70-30-4	1.90E+01	n	2.50E+02	n	6.00E+00	n	
1.10E-01	I			3.00E-03	I					1	0.015		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.30E+02	n	2.80E+03	c**	6.00E+01	n	
						1.00E-05	I	V		1		5.19E+03	Hexamethylene Diisocyanate, 1,6-	822-06-0	3.10E+00	n	1.30E+01	n	2.10E-02	n	
				4.00E-04	P					1	0.1		Hexamethylphosphoramide	680-31-9	2.50E+01	n	3.30E+02	n	8.00E+00	n	
				6.00E-02	H	7.00E-01	I	V		1		1.41E+02	Hexane, N-	110-54-3	5.40E+02	ns	2.50E+03	ns	3.20E+02	n	
				2.00E+00	P					1	0.1		Hexanedioic Acid	124-04-9	1.30E+05	nm	1.60E+06	nm	4.00E+04	n	
				5.00E-03	I	3.00E-02	I	V		1		3.28E+03	Hexanone, 2-	591-78-6	2.00E+02	n	1.30E+03	n	3.80E+01	n	
				3.30E-02	I					1	0.1		Hexazinone	51235-04-2	2.10E+03	n	2.70E+04	n	6.40E+02	n	
3.00E+00	I	4.90E-03	I			3.00E-05	P	V		1			Hydrazine	302-01-2	2.30E+01	c	1.10E+02	c	6.30E-02	n	
3.00E+00	I	4.90E-03	I							1			Hydrazine Sulfate	10034-93-2	2.30E+01	c	1.10E+02	c	2.60E+00	c	
						2.00E-02	I	V		1			Hydrogen Chloride	7647-01-0	2.80E+07	nm	1.20E+08	nm	4.20E+01	n	
				4.00E-02	C	1.40E-02	C	V		1			Hydrogen Fluoride	7664-39-3	3.10E+03	n	4.70E+04	n	2.80E+01	n	
						2.00E-03	I	V		1			Hydrogen Sulfide	7783-06-4	2.80E+06	nm	1.20E+07	nm	4.20E+00	n	
6.00E-02	P			4.00E-02	P					1	0.1		Hydroquinone	123-31-9	9.00E+02	c**	3.80E+03	c**	1.30E+02	c**	
				1.30E-02	I					1	0.1		Imazalil	35554-44-0	8.20E+02	n	1.10E+04	n	1.90E+02	n	
				2.50E-01	I					1	0.1		Imazaquin	81335-37-7	1.60E+04	n	2.10E+05	nm	4.90E+03	n	
				1.00E-02	A					1			Iodine	7553-56-2	7.80E+02	n	1.20E+04	n	2.00E+02	n	
				4.00E-02	I					1	0.1		Iprodione	36734-19-7	2.50E+03	n	3.30E+04	n	7.40E+02	n	
				7.00E-01	P					1			Iron	7439-89-6	5.50E+04	n	8.20E+05	nm	1.40E+04	n	
				3.00E-01	I			V		1		1.00E+04	Isobutyl Alcohol	78-83-1	2.30E+04	ns	3.50E+05	nms	5.90E+03	n	
9.50E-04	I			2.00E-01	I	2.00E+00	C			1	0.1		Isophorone	78-59-1	1.30E+04	n	1.60E+05	nm	3.80E+03	n	
				1.50E-02	I			V		1			Isopropalin	33820-53-0	1.20E+03	n	1.80E+04	n	4.00E+01	n	
				2.00E+00	P	2.00E-01	P	V		1		1.09E+05	Isopropanol	67-63-0	5.60E+03	n	2.40E+04	n	4.10E+02	n	
				1.00E-01	I					1	0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.30E+03	n	8.20E+04	n	2.00E+03	n	
				5.00E-02	I					1	0.1		Isoxaben	82558-50-7	3.20E+03	n	4.10E+04	n	7.30E+02	n	
						3.00E-01	A	V		1			JP-7	NA	4.30E+08	nm	1.80E+09	nm	6.30E+02	n	
				7.50E-02	I					1	0.1		Kerb	23950-58-5	4.70E+03	n	6.20E+04	n	1.20E+03	n	

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Toxicity and Chemical-specific Information														Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
				2.00E-03	I					1	0.1			Lactofen	77501-63-4	1.30E+02	n	1.60E+03	n	2.50E+01	n	
														Lead Compounds								
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025				~Lead Chromate	7758-97-6	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
8.50E-03	C	1.20E-05	C							1				~Lead Phosphate	7446-27-7	8.20E+03	c	3.80E+04	c	9.10E+02	c	
2.80E-01	C	8.00E-05	C							1	0.1			~Lead acetate	301-04-2	1.90E+02	c	8.20E+02	c	2.80E+01	c	
										1				~Lead and Compounds	7439-92-1	4.00E+02	L	8.00E+02	L	1.50E+01	L	1.50E+01
8.50E-03	C	1.20E-05	C							1	0.1			~Lead subacetate	1335-32-6	6.40E+03	c	2.70E+04	c	9.20E+02	c	
				1.00E-07	I			V		1		2.43E+00		~Tetraethyl Lead	78-00-2	7.80E-03	n	1.20E-01	n	1.30E-03	n	
				2.00E-03	I					1	0.1			Linuron	330-55-2	1.30E+02	n	1.60E+03	n	3.30E+01	n	
				2.00E-03	P					1				Lithium	7439-93-2	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				2.00E-01	I					1	0.1			Londax	83055-99-6	1.30E+04	n	1.60E+05	nm	3.90E+03	n	
				5.00E-04	I					1	0.1			MCPA	94-74-6	3.20E+01	n	4.10E+02	n	7.50E+00	n	
				1.00E-02	I					1	0.1			MCPB	94-81-5	6.30E+02	n	8.20E+03	n	1.50E+02	n	
				1.00E-03	I					1	0.1			MCPP	93-65-2	6.30E+01	n	8.20E+02	n	1.60E+01	n	
				2.00E-02	I					1	0.1			Malathion	121-75-5	1.30E+03	n	1.60E+04	n	3.90E+02	n	
				1.00E-01	I	7.00E-04	C			1	0.1			Maleic Anhydride	108-31-6	6.30E+03	n	8.00E+04	n	1.90E+03	n	
				5.00E-01	I					1	0.1			Maleic Hydrazide	123-33-1	3.20E+04	n	4.10E+05	nm	1.00E+04	n	
				1.00E-04	P					1	0.1			Malononitrile	109-77-3	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				3.00E-02	H					1	0.1			Mancozeb	8018-01-7	1.90E+03	n	2.50E+04	n	5.40E+02	n	
				5.00E-03	I					1	0.1			Maneb	12427-38-2	3.20E+02	n	4.10E+03	n	9.80E+01	n	
				1.40E-01	I	5.00E-05	I			1				Manganese (Diet)	7439-96-5							
				2.40E-02	S	5.00E-05	I			0.04				Manganese (Non-diet)	7439-96-5	1.80E+03	n	2.60E+04	n	4.30E+02	n	
				9.00E-05	H					1	0.1			Mephosfolan	950-10-7	5.70E+00	n	7.40E+01	n	1.80E+00	n	
				3.00E-02	I					1	0.1			Mepiquat Chloride	24307-26-4	1.90E+03	n	2.50E+04	n	6.00E+02	n	
														Mercury Compounds								
				3.00E-04	I	3.00E-04	S			0.07				~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.30E+01	n	3.50E+02	n	5.70E+00	n	2.00E+00
						3.00E-04	I	V		1		3.13E+00		~Mercury (elemental)	7439-97-6	9.40E+00	ns	4.00E+01	ns	6.30E-01	n	2.00E+00
				1.00E-04	I					1				~Methyl Mercury	22967-92-6	7.80E+00	n	1.20E+02	n	2.00E+00	n	
				8.00E-05	I					1	0.1			~Phenylmercuric Acetate	62-38-4	5.10E+00	n	6.60E+01	n	1.60E+00	n	
				3.00E-05	I			V		1				Merphos	150-50-5	2.30E+00	n	3.50E+01	n	6.00E-01	n	
				3.00E-05	I					1	0.1			Merphos Oxide	78-48-8	1.90E+00	n	2.50E+01	n	8.50E-02	n	
				6.00E-02	I					1	0.1			Metalaxyl	57837-19-1	3.80E+03	n	4.90E+04	n	1.20E+03	n	
				1.00E-04	I	3.00E-02	P	V		1		4.58E+03		Methacrylonitrile	126-98-7	7.50E+00	n	1.00E+02	n	1.90E+00	n	
				5.00E-05	I					1	0.1			Methamidophos	10265-92-6	3.20E+00	n	4.10E+01	n	1.00E+00	n	
				2.00E+00	I	2.00E+01	I	V		1		1.06E+05		Methanol	67-56-1	1.20E+05	nms	1.20E+06	nms	2.00E+04	n	
				1.00E-03	I					1	0.1			Methidathion	950-37-8	6.30E+01	n	8.20E+02	n	1.90E+01	n	
				2.50E-02	I					1	0.1			Methomyl	16752-77-5	1.60E+03	n	2.10E+04	n	5.00E+02	n	
4.90E-02	C	1.40E-05	C							1	0.1			Methoxy-5-nitroaniline, 2-	99-59-2	1.10E+03	c	4.70E+03	c	1.50E+02	c	
				5.00E-03	I					1	0.1			Methoxychlor	72-43-5	3.20E+02	n	4.10E+03	n	3.70E+01	n	4.00E+01
				8.00E-03	P	1.00E-03	P	V		1		1.15E+05		Methoxyethanol Acetate, 2-	110-49-6	1.10E+02	n	5.10E+02	n	2.10E+00	n	
				5.00E-03	P	2.00E-02	I	V		1		1.06E+05		Methoxyethanol, 2-	109-86-4	3.30E+02	n	3.50E+03	n	2.90E+01	n	
				1.00E+00	X			V		1		2.90E+04		Methyl Acetate	79-20-9	7.80E+04	ns	1.20E+06	nms	2.00E+04	n	
				3.00E-02	H	2.00E-02	P	V		1		6.75E+03		Methyl Acrylate	96-33-3	1.40E+02	n	6.00E+02	n	3.90E+01	n	
				6.00E-01	I	5.00E+00	I	V		1		2.84E+04		Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.70E+04	n	1.90E+05	nms	5.60E+03	n	
		1.00E-03	X	1.00E-03	P	2.00E-05	X	V		1		1.80E+05		Methyl Hydrazine	60-34-4	3.10E+00	n	1.40E+01	n	4.20E-02	n	
				8.00E-02	H	3.00E+00	I	V		1		3.36E+03		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.30E+03	ns	5.60E+04	ns	1.20E+03	n	
						1.00E-03	C	V		1		1.67E+04		Methyl Isocyanate	624-83-9	4.60E+00	n	1.90E+01	n	2.10E+00	n	
				1.40E+00	I	7.00E-01	I	V		1		2.36E+03		Methyl Methacrylate	80-62-6	4.40E+03	ns	1.90E+04	ns	1.40E+03	n	
				2.50E-04	I					1	0.1			Methyl Parathion	298-00-0	1.60E+01	n	2.10E+02	n	4.50E+00	n	

RML
THQ=1.0

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
				6.00E-02	X					1	0.1		Methyl Phosphonic Acid	993-13-5	3.80E+03	n	4.90E+04	n	1.20E+03	n	
				6.00E-03	H	4.00E-02	H	V		1		3.93E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	2.40E+02	n	1.60E+03	ns	3.80E+01	n	
9.90E-02	C	2.80E-05	C							1	0.1		Methyl methanesulfonate	66-27-3	5.50E+02	c	2.30E+03	c	7.90E+01	c	
1.80E-03	C	2.60E-07	C			3.00E+00	I	V		1		8.87E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.70E+03	c**	2.10E+04	c**s	1.40E+03	c**	
				3.00E-04	X					1	0.1		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.90E+01	n	2.50E+02	n	6.00E+00	n	
9.00E-03	P			2.00E-02	X					1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	1.30E+03	n	1.60E+04	n	3.80E+02	n	
8.30E+00	C	2.40E-03	C							1	0.1		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	6.50E+00	c	2.80E+01	c	9.40E-01	c	
1.30E-01	C	3.70E-05	C							1	0.1		Methylaniline Hydrochloride, 2-	636-21-5	4.20E+02	c	1.80E+03	c	6.00E+01	c	
				1.00E-02	A					1	0.1		Methylarsonic acid	124-58-3	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				2.00E-04	X					1	0.1		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	1.30E+01	n	1.60E+02	n	4.00E+00	n	
1.00E-01	X			3.00E-04	X					1	0.1		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.90E+01	n	2.50E+02	n	6.00E+00	n	
2.20E+01	C	6.30E-03	C						M	1	0.1		Methylcholanthrene, 3-	56-49-5	5.50E-01	c	1.00E+01	c	1.10E-01	c	
2.00E-03	I	1.00E-08	I	6.00E-03	I	6.00E-01	I	V	M	1		3.32E+03	Methylene Chloride	75-09-2	3.50E+02	n	3.20E+03	n	1.10E+02	n	5.00E+00
1.00E-01	P	4.30E-04	C	2.00E-03	P				M	1	0.1		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.20E+02	c**	1.60E+03	n	1.60E+01	c**	
4.60E-02	I	1.30E-05	C							1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.20E+03	c	5.00E+03	c	4.60E+01	c	
1.60E+00	C	4.60E-04	C			2.00E-02	C			1	0.1		Methylenebisbenzenamine, 4,4'-	101-77-9	3.40E+01	c	1.40E+02	c	4.70E+00	c	
						6.00E-04	I			1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.50E+05	nm	3.60E+06	nm			
				7.00E-02	H			V		1		5.00E+02	Methylstyrene, Alpha-	98-83-9	5.50E+03	ns	8.20E+04	ns	7.80E+02	n	
				1.50E-01	I					1	0.1		Metolachlor	51218-45-2	9.50E+03	n	1.20E+05	nm	2.70E+03	n	
				2.50E-02	I					1	0.1		Metribuzin	21087-64-9	1.60E+03	n	2.10E+04	n	4.90E+02	n	
				3.00E+00	P			V		1		3.42E-01	Mineral oils	8012-95-1	2.30E+05	nms	3.50E+06	nms	6.00E+04	n	
1.80E+01	C	5.10E-03	C	2.00E-04	I			V		1			Mirex	2385-85-5	3.60E+00	c**	1.70E+01	c*	8.80E-02	c*	
				2.00E-03	I					1	0.1		Molinate	2212-67-1	1.30E+02	n	1.60E+03	n	3.00E+01	n	
				5.00E-03	I					1			Molybdenum	7439-98-7	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				1.00E-01	I					1			Monochloramine	10599-90-3	7.80E+03	n	1.20E+05	nm	2.00E+03	n	4.00E+03
				2.00E-03	P					1	0.1		Monomethylaniline	100-61-8	1.30E+02	n	1.60E+03	n	3.80E+01	n	
				3.00E-04	X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.90E+01	n	2.50E+02	n	3.60E+00	n	
				2.00E-03	I			V		1			Naled	300-76-5	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				3.00E-02	X	1.00E-01	P	V		1			Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.30E+03	n	3.50E+04	n	1.50E+02	n	
1.80E+00	C	0.00E+00	C							1	0.1		Naphthylamine, 2-	91-59-8	3.00E+01	c	1.30E+02	c	3.90E+00	c	
				1.00E-01	I					1	0.1		Napropamide	15299-99-7	6.30E+03	n	8.20E+04	n	1.60E+03	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickel Acetate	373-02-4	6.70E+02	n	8.10E+03	n	2.20E+02	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickel Carbonate	3333-67-3	6.70E+02	n	8.10E+03	n	2.20E+02	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C	V		1			Nickel Carbonyl	13463-39-3	8.20E+02	n	1.10E+04	n	2.90E-02	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			0.04			Nickel Hydroxide	12054-48-7	8.20E+02	n	1.10E+04	n	2.00E+02	n	
		2.60E-04	C	1.10E-02	C	2.00E-05	C			0.04			Nickel Oxide	1313-99-1	8.40E+02	n	1.20E+04	n	2.00E+02	n	
		2.40E-04	I	1.10E-02	C	1.40E-05	C			0.04			Nickel Refinery Dust	NA	8.20E+02	n	1.10E+04	n	2.20E+02	n	
		2.60E-04	C	2.00E-02	I	9.00E-05	A			0.04			Nickel Soluble Salts	7440-02-0	1.50E+03	n	2.20E+04	n	3.90E+02	n	
1.70E+00	C	4.80E-04	I	1.10E-02	C	1.40E-05	C			0.04			Nickel Subsulfide	12035-72-2	4.10E+01	c*	1.90E+02	c*	4.50E+00	c*	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickelocene	1271-28-9	6.70E+02	n	8.10E+03	n	2.20E+02	n	
				1.60E+00	I					1			Nitrate	14797-55-8	1.30E+05	nm	1.90E+06	nm	3.20E+04	n	1.00E+04
										1			Nitrate + Nitrite (as N)	NA							1.00E+04
				1.00E-01	I					1			Nitrite	14797-65-0	7.80E+03	n	1.20E+05	nm	2.00E+03	n	1.00E+03
				1.00E-02	X	5.00E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.30E+02	n	8.00E+03	n	1.90E+02	n	
2.00E-02	P			4.00E-03	P	6.00E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.50E+02	n	3.30E+03	n	7.80E+01	n	
		4.00E-05	I	2.00E-03	I	9.00E-03	I	V		1		3.05E+03	Nitrobenzene	98-95-3	1.30E+02	n	1.30E+03	n	1.30E+01	n	
				3.00E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.90E+08	nm	2.50E+09	nm	6.00E+07	n	
				7.00E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.40E+03	n	5.70E+04	n	1.40E+03	n	
1.30E+00	C	3.70E-04	C							1	0.1		Nitrofurazone	59-87-0	4.20E+01	c	1.80E+02	c	6.00E+00	c	

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Toxicity and Chemical-specific Information												Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
1.70E-02	P			1.00E-04	P					1	0.1		Nitroglycerin	55-63-0	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				1.00E-01	I					1	0.1		Nitroguanidine	556-88-7	6.30E+03	n	8.20E+04	n	2.00E+03	n	
		8.80E-06	P			5.00E-03	P	V		1		1.80E+04	Nitromethane	75-52-5	8.80E+01	n	3.70E+02	n	1.00E+01	n	
		2.70E-03	H			2.00E-02	I	V		1		4.86E+03	Nitropropane, 2-	79-46-9	1.40E+00	c	6.00E+00	c	2.10E-01	c	
2.70E+01	C	7.70E-03	C						M	1	0.1		Nitroso-N-ethylurea, N-	759-73-9	4.50E-01	c	8.50E+00	c	9.20E-02	c	
1.20E+02	C	3.40E-02	C						M	1	0.1		Nitroso-N-methylurea, N-	684-93-5	1.00E-01	c	1.90E+00	c	2.10E-02	c	
5.40E+00	I	1.60E-03	I					V		1			Nitroso-di-N-butylamine, N-	924-16-3	9.90E+00	c	4.60E+01	c	2.70E-01	c	
7.00E+00	I	2.00E-03	C							1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.80E+00	c	3.30E+01	c	1.10E+00	c	
2.80E+00	I	8.00E-04	C							1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.90E+01	c	8.20E+01	c	2.80E+00	c	
1.50E+02	I	4.30E-02	I						M	1	0.1		Nitrosodiethylamine, N-	55-18-5	8.10E-02	c	1.50E+00	c	1.70E-02	c	
5.10E+01	I	1.40E-02	I	8.00E-06	P	4.00E-05	X	V	M	1		2.37E+05	Nitrosodimethylamine, N-	62-75-9	2.00E-01	c**	3.40E+00	c**	1.10E-02	c**	
4.90E-03	I	2.60E-06	C							1	0.1		Nitrosodiphenylamine, N-	86-30-6	1.10E+04	c	4.70E+04	c	1.20E+03	c	
2.20E+01	I	6.30E-03	C					V		1		1.08E+05	Nitrosomethylethylamine, N-	10595-95-6	2.00E+00	c	9.10E+00	c	7.10E-02	c	
6.70E+00	C	1.90E-03	C							1	0.1		Nitrosomorpholine [N-]	59-89-2	8.10E+00	c	3.40E+01	c	1.20E+00	c	
9.40E+00	C	2.70E-03	C							1	0.1		Nitrosopiperidine [N-]	100-75-4	5.80E+00	c	2.40E+01	c	8.20E-01	c	
2.10E+00	I	6.10E-04	I							1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.60E+01	c	1.10E+02	c	3.70E+00	c	
				1.00E-04	X					1	0.1		Nitrotoluene, m-	99-08-1	6.30E+00	n	8.20E+01	n	1.70E+00	n	
2.20E-01	P			9.00E-04	P			V		1		1.51E+03	Nitrotoluene, o-	88-72-2	7.00E+01	n	1.10E+03	n	1.60E+01	n	
1.60E-02	P			4.00E-03	P					1	0.1		Nitrotoluene, p-	99-99-0	2.50E+02	n	3.30E+03	n	7.10E+01	n	
				3.00E-04	X	2.00E-02	P	V		1		6.86E+00	Nonane, n-	111-84-2	1.10E+01	ns	7.20E+01	ns	5.30E+00	n	
				4.00E-02	I					1	0.1		Norflurazon	27314-13-2	2.50E+03	n	3.30E+04	n	7.70E+02	n	
				7.00E-04	I					1	0.1		Nustar	85509-19-9	4.40E+01	n	5.70E+02	n	1.10E+01	n	
				3.00E-03	I					1	0.1		Octabromodiphenyl Ether	32536-52-0	1.90E+02	n	2.50E+03	n	6.00E+01	n	
				5.00E-02	I					1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.90E+03	n	5.70E+04	n	1.00E+03	n	
				2.00E-03	H					1	0.1		Octamethylpyrophosphoramide	152-16-9	1.30E+02	n	1.60E+03	n	4.00E+01	n	
				5.00E-02	I					1	0.1		Oryzalin	19044-88-3	3.20E+03	n	4.10E+04	n	8.10E+02	n	
				5.00E-03	I					1	0.1		Oxadiazon	19666-30-9	3.20E+02	n	4.10E+03	n	4.70E+01	n	
				2.50E-02	I					1	0.1		Oxamyl	23135-22-0	1.60E+03	n	2.10E+04	n	5.00E+02	n	2.00E+02
				1.30E-02	I					1	0.1		Paclobutrazol	76738-62-0	8.20E+02	n	1.10E+04	n	2.30E+02	n	
				4.50E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.80E+02	n	3.70E+03	n	9.00E+01	n	
				6.00E-03	H					1	0.1		Parathion	56-38-2	3.80E+02	n	4.90E+03	n	8.60E+01	n	
				5.00E-02	H			V		1			Pebulate	1114-71-2	3.90E+03	n	5.80E+04	n	5.60E+02	n	
				4.00E-02	I					1	0.1		Pendimethalin	40487-42-1	2.50E+03	n	3.30E+04	n	1.80E+02	n	
				2.00E-03	I					1	0.1		Pentabromodiphenyl Ether	32534-81-9	1.30E+02	n	1.60E+03	n	4.00E+01	n	
				1.00E-04	I					1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				8.00E-04	I			V		1			Pentachlorobenzene	608-93-5	6.30E+01	n	9.30E+02	n	3.20E+00	n	
9.00E-02	P							V		1		4.47E+02	Pentachloroethane	76-01-7	7.70E+02	cs	3.60E+03	cs	6.40E+01	c	
2.60E-01	H			3.00E-03	I			V		1			Pentachloronitrobenzene	82-68-8	2.30E+02	n	1.30E+03	c**	1.20E+01	c**	
4.00E-01	I	5.10E-06	C	5.00E-03	I					1	0.25		Pentachlorophenol	87-86-5	1.00E+02	c**	4.00E+02	c**	4.00E+00	c**	1.00E+00
4.00E-03	X			2.00E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.30E+02	n	1.60E+03	n	3.90E+01	n	
						1.00E+00	P	V		1		3.88E+02	Pentane, n-	109-66-0	8.10E+02	ns	3.40E+03	ns	2.10E+03	n	
													Perchlorates								
				7.00E-04	I					1			~Ammonium Perchlorate	7790-98-9	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				7.00E-04	I					1			~Lithium Perchlorate	7791-03-9	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				7.00E-04	I					1			~Perchlorate and Perchlorate Salts	14797-73-0	5.50E+01	n	8.20E+02	n	1.40E+01	n	1.5E+01(F)
				7.00E-04	I					1			~Potassium Perchlorate	7778-74-7	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				7.00E-04	I					1			~Sodium Perchlorate	7601-89-0	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				2.00E-02	P			V		1			Perfluorobutane Sulfonate	375-73-5	1.60E+03	n	2.30E+04	n	3.80E+02	n	
				5.00E-02	I					1	0.1		Permethrin	52645-53-1	3.20E+03	n	4.10E+04	n	1.00E+03	n	

RML
THQ=1.0

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
2.20E-03	C	6.30E-07	C							1	0.1		Phenacetin	62-44-2	2.50E+04	c	1.00E+05	cm	3.40E+03	c	
				2.50E-01	I					1	0.1		Phenmedipham	13684-63-4	1.60E+04	n	2.10E+05	nm	4.00E+03	n	
				3.00E-01	I	2.00E-01	C			1	0.1		Phenol	108-95-2	1.90E+04	n	2.50E+05	nm	5.80E+03	n	
				5.00E-04	X					1	0.1		Phenothiazine	92-84-2	3.20E+01	n	4.10E+02	n	4.30E+00	n	
				6.00E-03	I					1	0.1		Phenylenediamine, m-	108-45-2	3.80E+02	n	4.90E+03	n	1.20E+02	n	
4.70E-02	H									1	0.1		Phenylenediamine, o-	95-54-5	1.20E+03	c	4.90E+03	c	1.60E+02	c	
				1.90E-01	H					1	0.1		Phenylenediamine, p-	106-50-3	1.20E+04	n	1.60E+05	nm	3.80E+03	n	
1.90E-03	H									1	0.1		Phenylphenol, 2-	90-43-7	2.80E+04	c	1.20E+05	cm	3.00E+03	c	
				2.00E-04	H					1	0.1		Phorate	298-02-2	1.30E+01	n	1.60E+02	n	3.00E+00	n	
						3.00E-04	I	V		1		1.61E+03	Phosgene	75-44-5	3.10E-01	n	1.30E+00	n			
				2.00E-02	I					1	0.1		Phosmet	732-11-6	1.30E+03	n	1.60E+04	n	3.70E+02	n	
													Phosphates, Inorganic								
				4.90E+01	P					1			~Aluminum metaphosphate	13776-88-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Ammonium polyphosphate	68333-79-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Calcium pyrophosphate	7790-76-3	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Diammonium phosphate	7783-28-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Dicalcium phosphate	7757-93-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Dimagnesium phosphate	7782-75-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Dipotassium phosphate	7758-11-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Disodium phosphate	7558-79-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Monoaluminum phosphate	13530-50-2	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Monoammonium phosphate	7722-76-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Monocalcium phosphate	7758-23-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Monomagnesium phosphate	7757-86-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Monopotassium phosphate	7778-77-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Monosodium phosphate	7558-80-7	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Polyphosphoric acid	8017-16-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Potassium tripolyphosphate	13845-36-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium acid pyrophosphate	7758-16-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium aluminum phosphate (acidic)	7785-88-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium aluminum phosphate (anhydrous)	10279-59-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium hexametaphosphate	10124-56-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium polyphosphate	68915-31-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium trimetaphosphate	7785-84-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Sodium tripolyphosphate	7758-29-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Tetrapotassium phosphate	7320-34-5	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Tetrasodium pyrophosphate	7722-88-5	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Tricalcium phosphate	7758-87-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Trimagnesium phosphate	7757-87-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Tripotassium phosphate	7778-53-2	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1			~Trisodium phosphate	7601-54-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				3.00E-04	I	3.00E-04	I	V		1			Phosphine	7803-51-2	2.30E+01	n	3.50E+02	n	5.70E-01	n	
				4.90E+01	P	1.00E-02	I			1			Phosphoric Acid	7664-38-2	3.00E+06	nm	2.90E+07	nm	9.70E+05	n	
				2.00E-05	I			V		1			Phosphorus, White	7723-14-0	1.60E+00	n	2.30E+01	n	4.00E-01	n	
													Phthalates								
1.40E-02	I	2.40E-06	C	2.00E-02	I					1	0.1		~Bis(2-ethylhexyl)phthalate	117-81-7	1.30E+03	n	1.60E+04	c**	4.00E+02	n	6.00E+00
				1.00E+00	I					1	0.1		~Butylphthalyl Butylglycolate	85-70-1	6.30E+04	n	8.20E+05	nm	1.30E+04	n	

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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)		Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				1.00E-01	I					1	0.1			~Dibutyl Phthalate	84-74-2	6.30E+03	n	8.20E+04	n	9.00E+02	n	
				8.00E-01	I					1	0.1			~Diethyl Phthalate	84-66-2	5.10E+04	n	6.60E+05	nm	1.50E+04	n	
				1.00E-01	I			V		1				~Dimethylterephthalate	120-61-6	7.80E+03	n	1.20E+05	nm	1.90E+03	n	
				1.00E-02	P					1	0.1			~Octyl Phthalate, di-N-	117-84-0	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				1.00E+00	H					1	0.1			~Phthalic Acid, P-	100-21-0	6.30E+04	n	8.20E+05	nm	1.90E+04	n	
				2.00E+00	I	2.00E-02	C			1	0.1			~Phthalic Anhydride	85-44-9	1.30E+05	nm	1.60E+06	nm	3.90E+04	n	
				7.00E-02	I					1	0.1			Picloram	1918-02-1	4.40E+03	n	5.70E+04	n	1.40E+03	n	5.00E+02
				1.00E-04	X					1	0.1			Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				1.00E-02	I					1	0.1			Pirimiphos, Methyl	29232-93-7	6.30E+02	n	8.20E+03	n	1.20E+02	n	
3.00E+01	C	8.60E-03	C	7.00E-06	H					1	0.1			Polybrominated Biphenyls	59536-65-1	4.40E-01	n	5.70E+00	n	1.40E-01	n	
														Polychlorinated Biphenyls (PCBs)								
7.00E-02	S	2.00E-05	S	7.00E-05	I			V		1	0.14			~Aroclor 1016	12674-11-2	4.10E+00	n	5.10E+01	n	1.40E+00	n	
2.00E+00	S	5.70E-04	S					V		1	0.14			~Aroclor 1221	11104-28-2	1.70E+01	c	7.20E+01	c	4.60E-01	c	
2.00E+00	S	5.70E-04	S					V		1	0.14			~Aroclor 1232	11141-16-5	1.70E+01	c	7.20E+01	c	4.60E-01	c	
2.00E+00	S	5.70E-04	S					V		1	0.14			~Aroclor 1242	53469-21-9	2.30E+01	c	9.70E+01	c	7.80E-01	c	
2.00E+00	S	5.70E-04	S					V		1	0.14			~Aroclor 1248	12672-29-6	2.30E+01	c	9.40E+01	c	7.80E-01	c	
2.00E+00	S	5.70E-04	S	2.00E-05	I			V		1	0.14			~Aroclor 1254	11097-69-1	1.20E+00	n	1.50E+01	n	4.00E-01	n	
2.00E+00	S	5.70E-04	S					V		1	0.14			~Aroclor 1260	11096-82-5	2.40E+01	c	9.90E+01	c	7.80E-01	c	
				6.00E-04	X			V		1	0.14			~Aroclor 5460	11126-42-4	3.50E+01	n	4.40E+02	n	1.20E+01	n	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+03	E	1.10E+00	E	2.30E-08	E	1.30E-06	E	V		1	0.14			~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.40E-03	n	1.70E-02	n	4.00E-04	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14			~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
1.30E+04	E	3.80E+00	E	7.00E-09	E	4.00E-07	E	V		1	0.14			~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.10E-04	n	5.10E-03	n	1.20E-04	c**	
2.00E+00	I	5.70E-04	I					V		1	0.14			~Polychlorinated Biphenyls (high risk)	1336-36-3	2.30E+01	c	9.70E+01	c			
4.00E-01	I	1.00E-04	I					V		1	0.14			~Polychlorinated Biphenyls (low risk)	1336-36-3					4.40E+00	c	5.00E-01
7.00E-02	I	2.00E-05	I					V		1	0.14			~Polychlorinated Biphenyls (lowest risk)	1336-36-3							
1.30E+01	E	3.80E-03	E	7.00E-06	E	4.00E-04	E			1	0.14			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	4.10E-01	n	5.10E+00	n	1.40E-01	n	
3.90E+01	E	1.10E-02	E	2.30E-06	E	1.30E-04	E	V		1	0.14			~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.40E-01	n	1.70E+00	n	4.00E-02	c**	
						6.00E-04	I			1	0.1			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.50E+05	nm	3.60E+06	nm			
														Polynuclear Aromatic Hydrocarbons (PAHs)								
				6.00E-02	I			V		1	0.13			~Acenaphthene	83-32-9	3.60E+03	n	4.50E+04	n	5.30E+02	n	
				3.00E-01	I			V		1	0.13			~Anthracene	120-12-7	1.80E+04	n	2.30E+05	nm	1.80E+03	n	
7.30E-01	E	1.10E-04	C					V	M	1	0.13			~Benz[a]anthracene	56-55-3	1.60E+01	c	2.90E+02	c	1.20E+00	c	
1.20E+00	C	1.10E-04	C							1	0.13			~Benzo(j)fluoranthene	205-82-3	4.20E+01	c	1.80E+02	c	6.50E+00	c	
7.30E+00	I	1.10E-03	C						M	1	0.13			~Benzo[a]pyrene	50-32-8	1.60E+00	c	2.90E+01	c	3.40E-01	c	2.00E-01
7.30E-01	E	1.10E-04	C						M	1	0.13			~Benzo[b]fluoranthene	205-99-2	1.60E+01	c	2.90E+02	c	3.40E+00	c	
7.30E-02	E	1.10E-04	C						M	1	0.13			~Benzo[k]fluoranthene	207-08-9	1.60E+02	c	2.90E+03	c	3.40E+01	c	
				8.00E-02	I			V		1	0.13			~Chloronaphthalene, Beta-	91-58-7	4.80E+03	n	6.00E+04	n	7.50E+02	n	
7.30E-03	E	1.10E-05	C						M	1	0.13			~Chrysene	218-01-9	1.60E+03	c	2.90E+04	c	3.40E+02	c	
7.30E+00	E	1.20E-03	C						M	1	0.13			~Dibenz[a,h]anthracene	53-70-3	1.60E+00	c	2.90E+01	c	3.40E-01	c	
1.20E+01	C	1.10E-03	C							1	0.13			~Dibenzo(a,e)pyrene	192-65-4	4.20E+00	c	1.80E+01	c	6.50E-01	c	
2.50E+02	C	7.10E-02	C						M	1	0.13			~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.60E-02	c	8.40E-01	c	1.00E-02	c	
				4.00E-02	I					1	0.13			~Fluoranthene	206-44-0	2.40E+03	n	3.00E+04	n	8.00E+02	n	

RMLs = 1.0

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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)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				4.00E-02	I			V		1	0.13		~Fluorene	86-73-7	2.40E+03	n	3.00E+04	n	2.90E+02	n	
7.30E-01	E	1.10E-04	C						M	1	0.13		~Indeno[1,2,3-cd]pyrene	193-39-5	1.60E+01	c	2.90E+02	c	3.40E+00	c	
2.90E-02	P			7.00E-02	A			V		1	0.13		~Methylnaphthalene, 1-	90-12-0	1.80E+03	c**	7.30E+03	c**	1.10E+02	c**	
				4.00E-03	I			V		1	0.13		~Methylnaphthalene, 2-	91-57-6	2.40E+02	n	3.00E+03	n	3.60E+01	n	
		3.40E-05	C	2.00E-02	I	3.00E-03	I	V		1	0.13		~Naphthalene	91-20-3	1.30E+02	n	5.90E+02	n	6.10E+00	n	
1.20E+00	C	1.10E-04	C							1	0.13		~Nitropyrene, 4-	57835-92-4	4.20E+01	c	1.80E+02	c	1.90E+00	c	
				3.00E-02	I			V		1	0.13		~Pyrene	129-00-0	1.80E+03	n	2.30E+04	n	1.20E+02	n	
				2.00E-02	P					1	0.1		Potassium Perfluorobutane Sulfonate	29420-49-3	1.30E+03	n	1.60E+04	n	4.00E+02	n	
1.50E-01	I			9.00E-03	I					1	0.1		Prochloraz	67747-09-5	3.60E+02	c**	1.50E+03	c**	3.70E+01	c**	
				6.00E-03	H			V		1			Profluralin	26399-36-0	4.70E+02	n	7.00E+03	n	2.60E+01	n	
				1.50E-02	I					1	0.1		Prometon	1610-18-0	9.50E+02	n	1.20E+04	n	2.50E+02	n	
				4.00E-03	I					1	0.1		Prometryn	7287-19-6	2.50E+02	n	3.30E+03	n	6.00E+01	n	
				1.30E-02	I					1	0.1		Propachlor	1918-16-7	8.20E+02	n	1.10E+04	n	2.50E+02	n	
				5.00E-03	I					1	0.1		Propanil	709-98-8	3.20E+02	n	4.10E+03	n	8.20E+01	n	
				2.00E-02	I					1	0.1		Propargite	2312-35-8	1.30E+03	n	1.60E+04	n	1.60E+02	n	
				2.00E-03	I			V		1		1.11E+05	Propargyl Alcohol	107-19-7	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				2.00E-02	I					1	0.1		Propazine	139-40-2	1.30E+03	n	1.60E+04	n	3.40E+02	n	
				2.00E-02	I					1	0.1		Propham	122-42-9	1.30E+03	n	1.60E+04	n	3.50E+02	n	
				1.30E-02	I					1	0.1		Propiconazole	60207-90-1	8.20E+02	n	1.10E+04	n	2.10E+02	n	
						8.00E-03	I	V		1		3.26E+04	Propionaldehyde	123-38-6	7.50E+01	n	3.10E+02	n	1.70E+01	n	
				1.00E-01	X	1.00E+00	X	V		1		2.64E+02	Propyl benzene	103-65-1	3.80E+03	ns	2.40E+04	ns	6.60E+02	n	
						3.00E+00	C	V		1		3.49E+02	Propylene	115-07-1	2.20E+03	ns	9.30E+03	ns	6.30E+03	n	
				2.00E+01	P					1	0.1		Propylene Glycol	57-55-6	1.30E+06	nm	1.60E+07	nm	4.00E+05	n	
						2.70E-04	A			1	0.1		Propylene Glycol Dinitrate	6423-43-4	3.90E+05	nm	1.60E+06	nm			
				7.00E-01	H			V		1		8.52E+04	Propylene Glycol Monoethyl Ether	1569-02-4	5.50E+04	n	8.20E+05	nms	1.40E+04	n	
				7.00E-01	H	2.00E+00	I	V		1		1.06E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.10E+04	n	3.70E+05	nms	3.20E+03	n	
2.40E-01	I	3.70E-06	I			3.00E-02	I	V		1		7.77E+04	Propylene Oxide	75-56-9	2.10E+02	c**	9.70E+02	c**	2.70E+01	c**	
				2.50E-01	I					1	0.1		Pursuit	81335-77-5	1.60E+04	n	2.10E+05	nm	4.70E+03	n	
				2.50E-02	I					1	0.1		Pydrin	51630-58-1	1.60E+03	n	2.10E+04	n	5.00E+02	n	
				1.00E-03	I			V		1		5.30E+05	Pyridine	110-86-1	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				5.00E-04	I					1	0.1		Quinalphos	13593-03-8	3.20E+01	n	4.10E+02	n	5.10E+00	n	
3.00E+00	I									1	0.1		Quinoline	91-22-5	1.80E+01	c	7.70E+01	c	2.40E+00	c	
						3.00E-02	A			1			Refractory Ceramic Fibers	NA	4.30E+07	nm	1.80E+08	nm			
				3.00E-02	I					1	0.1		Resmethrin	10453-86-8	1.90E+03	n	2.50E+04	n	6.70E+01	n	
				5.00E-02	H			V		1			Ronnel	299-84-3	3.90E+03	n	5.80E+04	n	4.10E+02	n	
				4.00E-03	I					1	0.1		Rotenone	83-79-4	2.50E+02	n	3.30E+03	n	6.10E+01	n	
2.20E-01	C	6.30E-05	C						M	1	0.1		Safrole	94-59-7	5.50E+01	c	1.00E+03	c	9.50E+00	c	
				2.50E-02	I					1	0.1		Savey	78587-05-0	1.60E+03	n	2.10E+04	n	1.10E+02	n	
				5.00E-03	I					1			Selenious Acid	7783-00-8	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				5.00E-03	I	2.00E-02	C			1			Selenium	7782-49-2	3.90E+02	n	5.80E+03	n	1.00E+02	n	5.00E+01
				5.00E-03	C	2.00E-02	C			1			Selenium Sulfide	7446-34-6	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				9.00E-02	I					1	0.1		Sethoxydim	74051-80-2	5.70E+03	n	7.40E+04	n	1.00E+03	n	
						3.00E-03	C			1			Silica (crystalline, respirable)	7631-86-9	4.30E+06	nm	1.80E+07	nm			
				5.00E-03	I					0.04			Silver	7440-22-4	3.90E+02	n	5.80E+03	n	9.40E+01	n	
1.20E-01	H			5.00E-03	I					1	0.1		Simazine	122-34-9	3.20E+02	n	1.90E+03	c**	6.10E+01	c**	4.00E+00
				1.30E-02	I					1	0.1		Sodium Acifluorfen	62476-59-9	8.20E+02	n	1.10E+04	n	2.60E+02	n	
				4.00E-03	I					1			Sodium Azide	26628-22-8	3.10E+02	n	4.70E+03	n	8.00E+01	n	
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Sodium Dichromate	10588-01-9	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
2.70E-01	H			3.00E-02	I					1	0.1		Sodium Diethyldithiocarbamate	148-18-5	2.00E+02	c**	8.50E+02	c*	2.90E+01	c*	

RML (HQ=1.0)

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
				5.00E-02	A	1.30E-02	C			1			Sodium Fluoride	7681-49-4	3.90E+03	n	5.80E+04	n	1.00E+03	n	
				2.00E-05	I					1	0.1		Sodium Fluoroacetate	62-74-8	1.30E+00	n	1.60E+01	n	4.00E-01	n	
				1.00E-03	H					1			Sodium Metavanadate	13718-26-8	7.80E+01	n	1.20E+03	n	2.00E+01	n	
2.40E-02	H			3.00E-02	I					1	0.1		Stirofos (Tetrachlorovinphos)	961-11-5	1.90E+03	n	9.60E+03	c**	2.80E+02	c**	
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Strontium Chromate	7789-06-2	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
				6.00E-01	I					1			Strontium, Stable	7440-24-6	4.70E+04	n	7.00E+05	nm	1.20E+04	n	
				3.00E-04	I					1	0.1		Strychnine	57-24-9	1.90E+01	n	2.50E+02	n	5.90E+00	n	
				2.00E-01	I	1.00E+00	I	V		1		8.67E+02	Styrene	100-42-5	6.00E+03	ns	3.50E+04	ns	1.20E+03	n	1.00E+02
				3.00E-03	P					1	0.1		Styrene-Acrylonitrile (SAN) Trimer	NA	1.90E+02	n	2.50E+03	n	4.80E+01	n	
				1.00E-03	P	2.00E-03	X			1	0.1		Sulfolane	126-33-0	6.30E+01	n	8.20E+02	n	2.00E+01	n	
				8.00E-04	P					1	0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.10E+01	n	6.60E+02	n	1.10E+01	n	
						1.00E-03	C	V		1			Sulfur Trioxide	7446-11-9	1.40E+06	nm	6.00E+06	nm	2.10E+00	n	
						1.00E-03	C			1			Sulfuric Acid	7664-93-9	1.40E+06	nm	6.00E+06	nm			
				2.50E-02	I					1	0.1		Systhane	88671-89-0	1.60E+03	n	2.10E+04	n	4.50E+02	n	
				3.00E-02	H					1	0.1		TCMTB	21564-17-0	1.90E+03	n	2.50E+04	n	4.80E+02	n	
				7.00E-02	I					1	0.1		Tebuthiuron	34014-18-1	4.40E+03	n	5.70E+04	n	1.40E+03	n	
				2.00E-02	H					1	0.1		Temephos	3383-96-8	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				1.30E-02	I					1	0.1		Terbacil	5902-51-2	8.20E+02	n	1.10E+04	n	2.50E+02	n	
				2.50E-05	H			V		1		3.09E+01	Terbufos	13071-79-9	2.00E+00	n	2.90E+01	n	2.40E-01	n	
				1.00E-03	I					1	0.1		Terbutryn	886-50-0	6.30E+01	n	8.20E+02	n	1.30E+01	n	
				1.00E-04	I					1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				3.00E-04	I			V		1			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.30E+01	n	3.50E+02	n	1.70E+00	n	
2.60E-02	I	7.40E-06	I	3.00E-02	I			V		1		6.80E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.00E+02	c*	8.80E+02	c*s	5.70E+01	c**	
2.00E-01	I	5.80E-05	C	2.00E-02	I			V		1		1.90E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.00E+01	c*	2.70E+02	c*	7.60E+00	c*	
2.10E-03	I	2.60E-07	I	6.00E-03	I	4.00E-02	I	V		1		1.66E+02	Tetrachloroethylene	127-18-4	8.10E+01	n	3.90E+02	ns	4.10E+01	n	5.00E+00
				3.00E-02	I					1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.90E+03	n	2.50E+04	n	2.40E+02	n	
2.00E+01	H							V		1			Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.50E+00	c	1.60E+01	c	1.30E-01	c	
				5.00E-04	I					1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.20E+01	n	4.10E+02	n	7.10E+00	n	
						8.00E+01	I	V		1		1.09E+03	Tetrafluoroethane,1,1,1,2-	811-97-2	1.00E+05	nms	4.30E+05	nms	1.70E+05	n	
				2.00E-03	P					1	0.0007		Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.60E+02	n	2.30E+03	n	3.90E+01	n	
				7.00E-06	X					1			Thallium (I) Nitrate	10102-45-1	5.50E-01	n	8.20E+00	n	1.40E-01	n	
				1.00E-05	X					1			Thallium (Soluble Salts)	7440-28-0	7.80E-01	n	1.20E+01	n	2.00E-01	n	2.00E+00
				6.00E-06	X			V		1	0.1		Thallium Acetate	563-68-8	3.80E-01	n	4.90E+00	n	1.20E-01	n	
				2.00E-05	X					1	0.1		Thallium Carbonate	6533-73-9	1.30E+00	n	1.60E+01	n	4.00E-01	n	
				6.00E-06	X					1			Thallium Chloride	7791-12-0	4.70E-01	n	7.00E+00	n	1.20E-01	n	
				2.00E-05	X					1			Thallium Sulfate	7446-18-6	1.60E+00	n	2.30E+01	n	4.00E-01	n	
				1.00E-02	I					1	0.1		Thiobencarb	28249-77-6	6.30E+02	n	8.20E+03	n	1.60E+02	n	
				7.00E-02	X					1	0.0075		Thiodiglycol	111-48-8	5.40E+03	n	7.90E+04	n	1.40E+03	n	
				3.00E-04	H					1	0.1		Thiofanox	39196-18-4	1.90E+01	n	2.50E+02	n	5.30E+00	n	
				8.00E-02	I					1	0.1		Thiophanate, Methyl	23564-05-8	5.10E+03	n	6.60E+04	n	1.60E+03	n	
				5.00E-03	I					1	0.1		Thiram	137-26-8	3.20E+02	n	4.10E+03	n	9.80E+01	n	
				6.00E-01	H					1			Tin	7440-31-5	4.70E+04	n	7.00E+05	nm	1.20E+04	n	
						1.00E-04	A	V		1			Titanium Tetrachloride	7550-45-0	1.40E+05	nm	6.00E+05	nm	2.10E-01	n	
				8.00E-02	I	5.00E+00	I	V		1		8.18E+02	Toluene	108-88-3	4.90E+03	ns	4.70E+04	ns	1.10E+03	n	1.00E+03
1.80E-01	X			2.00E-04	X					1	0.1		Toluene-2,5-diamine	95-70-5	1.30E+01	n	1.60E+02	n	4.00E+00	n	
3.00E-02	P			4.00E-03	X					1	0.1		Toluidine, p-	106-49-0	2.50E+02	n	3.30E+03	n	7.70E+01	n	
				3.00E+00	P			V		1		3.42E-01	Total Petroleum Hydrocarbons (Aliphatic High)	NA	2.30E+05	nms	3.50E+06	nms	6.00E+04	n	
						6.00E-01	P	V		1		1.41E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA	5.20E+02	ns	2.20E+03	ns	1.30E+03	n	
				1.00E-02	X	1.00E-01	P	V		1		6.86E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	9.60E+01	ns	4.40E+02	ns	1.00E+02	n	

RML HQ=1.0

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Toxicity and Chemical-specific Information													Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
				4.00E-02	P					1	0.1		Total Petroleum Hydrocarbons (Aromatic High)	NA	2.50E+03	n	3.30E+04	n	8.00E+02	n	
				4.00E-03	P	3.00E-02	P	V		1		1.82E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA	8.20E+01	n	4.20E+02	n	3.30E+01	n	
				4.00E-03	P	3.00E-03	P	V		1			Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.10E+02	n	6.00E+02	n	5.50E+00	n	
1.10E+00	I	3.20E-04	I							1	0.1		Toxaphene	8001-35-2	4.90E+01	c	2.10E+02	c	1.50E+00	c	3.00E+00
				7.50E-03	I					1	0.1		Tralomethrin	66841-25-6	4.70E+02	n	6.20E+03	n	1.50E+02	n	
				3.00E-04	A			V		1			Tri-n-butyltin	688-73-3	2.30E+01	n	3.50E+02	n	3.70E+00	n	
				8.00E+01	X					1	0.1		Triacetin	102-76-1	5.10E+06	nm	6.60E+07	nm	1.60E+06	n	
				1.30E-02	I			V		1			Triallate	2303-17-5	1.00E+03	n	1.50E+04	n	1.20E+02	n	
				1.00E-02	I					1	0.1		Triasulfuron	82097-50-5	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				5.00E-03	I			V		1			Tribromobenzene, 1,2,4-	615-54-3	3.90E+02	n	5.80E+03	n	4.50E+01	n	
9.00E-03	P			1.00E-02	P					1	0.1		Tributyl Phosphate	126-73-8	6.30E+02	n	8.20E+03	n	1.20E+02	n	
				3.00E-04	P					1	0.1		Tributyltin Compounds	NA	1.90E+01	n	2.50E+02	n	6.00E+00	n	
				3.00E-04	I					1	0.1		Tributyltin Oxide	56-35-9	1.90E+01	n	2.50E+02	n	5.70E+00	n	
				3.00E+01	I	3.00E+01	H	V		1		9.10E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.00E+04	ns	1.70E+05	nms	5.50E+04	n	
7.00E-02	I			2.00E-02	I					1	0.1		Trichloroacetic Acid	76-03-9	7.80E+02	c**	3.30E+03	c**	1.10E+02	c**	6.00E+01
2.90E-02	H									1	0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.90E+03	c	7.90E+03	c	2.70E+02	c	
7.00E-03	X			3.00E-05	X					1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.90E+00	n	2.50E+01	n	4.00E-01	n	
				8.00E-04	X			V		1			Trichlorobenzene, 1,2,3-	87-61-6	6.30E+01	n	9.30E+02	n	7.00E+00	n	
2.90E-02	P			1.00E-02	I	2.00E-03	P	V		1		4.04E+02	Trichlorobenzene, 1,2,4-	120-82-1	5.80E+01	n	2.60E+02	n	4.00E+00	n	7.00E+01
				2.00E+00	I	5.00E+00	I	V		1		6.40E+02	Trichloroethane, 1,1,1-	71-55-6	8.10E+03	ns	3.60E+04	ns	8.00E+03	n	2.00E+02
5.70E-02	I	1.60E-05	I	4.00E-03	I	2.00E-04	X	V		1		2.16E+03	Trichloroethane, 1,1,2-	79-00-5	1.50E+00	n	6.30E+00	n	4.10E-01	n	5.00E+00
4.60E-02	I	4.10E-06	I	5.00E-04	I	2.00E-03	I	V	M	1		6.92E+02	Trichloroethylene	79-01-6	4.10E+00	n	1.90E+01	n	2.80E+00	n	5.00E+00
				3.00E-01	I	7.00E-01	H	V		1		1.23E+03	Trichlorofluoromethane	75-69-4	7.30E+02	n	3.10E+03	ns	1.10E+03	n	
				1.00E-01	I					1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.30E+03	n	8.20E+04	n	1.20E+03	n	
1.10E-02	I	3.10E-06	I	1.00E-03	P					1	0.1		Trichlorophenol, 2,4,6-	88-06-2	6.30E+01	n	8.20E+02	n	1.20E+01	n	
				1.00E-02	I					1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.30E+02	n	8.20E+03	n	1.60E+02	n	
				8.00E-03	I					1	0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.10E+02	n	6.60E+03	n	1.10E+02	n	5.00E+01
				5.00E-03	I			V		1		1.28E+03	Trichloropropane, 1,1,2-	598-77-6	3.90E+02	n	5.80E+03	ns	8.80E+01	n	
3.00E+01	I			4.00E-03	I	3.00E-04	I	V	M	1		1.40E+03	Trichloropropane, 1,2,3-	96-18-4	5.10E-01	c**	1.10E+01	c**	7.50E-02	c**	
				3.00E-03	X	3.00E-04	P	V		1		4.51E+02	Trichloropropene, 1,2,3-	96-19-5	7.30E-01	n	3.10E+00	n	6.20E-01	n	
				2.00E-02	A					1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.30E+03	n	1.60E+04	n	1.60E+02	n	
				3.00E-03	I					1	0.1		Tridiphane	58138-08-2	1.90E+02	n	2.50E+03	n	1.80E+01	n	
						7.00E-03	I	V		1		2.79E+04	Triethylamine	121-44-8	1.20E+02	n	4.80E+02	n	1.50E+01	n	
				2.00E+00	P					1	0.1		Triethylene Glycol	112-27-6	1.30E+05	nm	1.60E+06	nm	4.00E+04	n	
7.70E-03	I			7.50E-03	I			V		1			Trifluralin	1582-09-8	5.90E+02	n	8.80E+03	n	4.00E+01	n	
2.00E-02	P			1.00E-02	P					1	0.1		Trimethyl Phosphate	512-56-1	6.30E+02	n	8.20E+03	n	2.00E+02	n	
						5.00E-03	P	V		1		2.93E+02	Trimethylbenzene, 1,2,3-	526-73-8	4.90E+01	n	2.10E+02	n	1.00E+01	n	
						7.00E-03	P	V		1		2.19E+02	Trimethylbenzene, 1,2,4-	95-63-6	5.80E+01	n	2.40E+02	ns	1.50E+01	n	
				1.00E-02	X			V		1		1.82E+02	Trimethylbenzene, 1,3,5-	108-67-8	7.80E+02	ns	1.20E+04	ns	1.20E+02	n	
				3.00E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.20E+03	n	3.20E+04	n	5.90E+02	n	
3.00E-02	I			5.00E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	3.60E+01	n	5.10E+02	n	9.80E+00	n	
				2.00E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.30E+03	n	1.60E+04	n	3.60E+02	n	
				2.00E-02	A					1	0.1		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.30E+03	n	1.60E+04	n	3.60E+02	n	
				1.00E-02	X					1	0.1		Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.30E+02	n	8.20E+03	n	1.90E+02	n	
2.30E+00	C	6.60E-04	C					V		1		4.67E+02	Tris(2,3-dibromopropyl)phosphate	126-72-7	2.80E+01	c	1.30E+02	c	6.80E-01	c	
2.00E-02	P			7.00E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	4.40E+02	n	5.70E+03	n	1.40E+02	n	
3.20E-03	P			1.00E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	6.30E+03	n	7.20E+04	c**	2.00E+03	n	
				3.00E-03	I	4.00E-05	A			1			Uranium (Soluble Salts)	NA	2.30E+02	n	3.50E+03	n	6.00E+01	n	3.00E+01
1.00E+00	C	2.90E-04	C						M	1	0.1		Urethane	51-79-6	1.20E+01	c	2.30E+02	c	2.50E+00	c	

RML HQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Screening Levels						
SFO $(mg/kg\text{-}day)^{-1}$	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	Tapwater (ug/L)	key	MCL (ug/L)
		8.30E-03	P	9.00E-03	I	7.00E-06	P			0.026			Vanadium Pentoxide	1314-62-1	6.60E+02	n	8.40E+03	n	1.50E+02	n	
				5.00E-03	S	1.00E-04	A			0.026			Vanadium and Compounds	7440-62-2	3.90E+02	n	5.80E+03	n	8.60E+01	n	
				1.00E-03	I			V		1			Vernolate	1929-77-7	7.80E+01	n	1.20E+03	n	1.10E+01	n	
				2.50E-02	I					1	0.1		Vinclozolin	50471-44-8	1.60E+03	n	2.10E+04	n	4.40E+02	n	
				1.00E+00	H	2.00E-01	I	V		1		2.75E+03	Vinyl Acetate	108-05-4	9.10E+02	n	3.80E+03	ns	4.10E+02	n	
		3.20E-05	H			3.00E-03	I	V		1		3.37E+03	Vinyl Bromide	593-60-2	4.30E+00	n	1.80E+01	n	6.30E+00	n	
7.20E-01	I	4.40E-06	I	3.00E-03	I	1.00E-01	I	V	M	1		3.92E+03	Vinyl Chloride	75-01-4	5.90E+00	c*	1.70E+02	c**	1.90E+00	c*	2.00E+00
				3.00E-04	I					1	0.1		Warfarin	81-81-2	1.90E+01	n	2.50E+02	n	5.60E+00	n	
				2.00E-01	S	1.00E-01	S	V		1		3.90E+02	Xylene, P-	106-42-3	5.60E+02	ns	2.40E+03	ns	1.90E+02	n	
				2.00E-01	S	1.00E-01	S	V		1		3.88E+02	Xylene, m-	108-38-3	5.50E+02	ns	2.40E+03	ns	1.90E+02	n	
				2.00E-01	S	1.00E-01	S	V		1		4.34E+02	Xylene, o-	95-47-6	6.50E+02	ns	2.80E+03	ns	1.90E+02	n	
				2.00E-01	I	1.00E-01	I	V		1		2.58E+02	Xylenes	1330-20-7	6.50E+02	ns	2.80E+03	ns	1.90E+02	n	1.00E+04
				3.00E-04	I					1			Zinc Phosphide	1314-84-7	2.30E+01	n	3.50E+02	n	6.00E+00	n	
				3.00E-01	I					1			Zinc and Compounds	7440-66-6	2.30E+04	n	3.50E+05	nm	6.00E+03	n	
				5.00E-02	I					1	0.1		Zineb	12122-67-7	3.20E+03	n	4.10E+04	n	9.90E+02	n	
				8.00E-05	X					1			Zirconium	7440-67-7	6.30E+00	n	9.30E+01	n	1.60E+00	n	

RML
THQ=1.0

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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	volc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
1.80E-02	C	5.10E-06	C	1.50E-01	I					1	0.1		1.36E+09		ALAR	1596-84-5	3.90E+03	1.40E+04	7.50E+07	3.00E+03	1.20E+04	4.90E+04		9.50E+03
8.70E-03	I			4.00E-03	I					1	0.1		1.36E+09		Acephate	30560-19-1	8.00E+03	2.80E+04		6.20E+03	3.10E+02	1.30E+03		2.50E+02
		2.20E-06	I			9.00E-03	I	V		1		1.07E+05	1.36E+09	8.72E+03	Acetaldehyde	75-07-0			1.10E+03	1.10E+03			8.20E+01	8.20E+01
				2.00E-02	I					1	0.1		1.36E+09		Acetochlor	34256-82-1					1.60E+03	6.60E+03		1.30E+03
				9.00E-01	I	3.10E+01	A	V		1		1.14E+05	1.36E+09	1.37E+04	Acetone	67-64-1					7.00E+04		4.40E+05	6.10E+04
						2.00E-03	X	V		1		1.06E+05	1.36E+09	2.38E+04	Acetone Cyanohydrin	75-86-5							5.00E+01	5.00E+01
						6.00E-02	I	V		1		1.28E+05	1.36E+09	1.30E+04	Acetonitrile	75-05-8							8.10E+02	8.10E+02
				1.00E-01	I			V		1		2.52E+03	1.36E+09	5.97E+04	Acetophenone	98-86-2					7.80E+03			7.80E+03
3.80E+00	C	1.30E-03	C							1	0.1		1.36E+09		Acetylaminofluorene, 2-	53-96-3	1.80E+01	6.50E+01	2.90E+05	1.40E+01				
				5.00E-04	I	2.00E-05	I	V		1		2.27E+04	1.36E+09	6.91E+03	Acrolein	107-02-8					3.90E+01		1.40E-01	1.40E-01
5.00E-01	I	1.00E-04	I	2.00E-03	I	6.00E-03	I		M	1	0.1		1.36E+09		Acrylamide	79-06-1	3.10E+01	1.20E+02	1.40E+06	2.40E+01	1.60E+02	6.60E+02	8.50E+06	1.30E+02
				5.00E-01	I	1.00E-03	I	V		1		1.09E+05	1.36E+09	9.53E+04	Acrylic Acid	79-10-7					3.90E+04		9.90E+01	9.90E+01
5.40E-01	I	6.80E-05	I	4.00E-02	A	2.00E-03	I	V		1		1.13E+04	1.36E+09	7.69E+03	Acrylonitrile	107-13-1	1.30E+02		3.20E+01	2.50E+01	3.10E+03		1.60E+01	1.60E+01
						6.00E-03	P			1	0.1		1.36E+09		Adiponitrile	111-69-3							8.50E+06	8.50E+06
5.60E-02	C			1.00E-02	I					1	0.1		1.36E+09		Alachlor	15972-60-8	1.20E+03	4.40E+03		9.70E+02	7.80E+02	3.30E+03		6.30E+02
				1.00E-03	I					1	0.1		1.36E+09		Aldicarb	116-06-3					7.80E+01	3.30E+02		6.30E+01
				1.00E-03	I					1	0.1		1.36E+09		Aldicarb Sulfone	1646-88-4					7.80E+01	3.30E+02		6.30E+01
										1	0.1		1.36E+09		Aldicarb sulfoxide	1646-87-3								
1.70E+01	I	4.90E-03	I	3.00E-05	I			V		1			1.36E+09	1.72E+06	Aldrin	309-00-2	4.10E+00		9.80E+01	3.90E+00	2.30E+00			2.30E+00
				2.50E-01	I					1	0.1		1.36E+09		Ally	74223-64-6					2.00E+04	8.20E+04		1.60E+04
				5.00E-03	I	1.00E-04	X	V		1		1.11E+05	1.36E+09	3.42E+04	Allyl Alcohol	107-18-6					3.90E+02		3.60E+00	3.50E+00
2.10E-02	C	6.00E-06	C			1.00E-03	I	V		1		1.42E+03	1.36E+09	1.58E+03	Allyl Chloride	107-05-1	3.30E+03		7.40E+01	7.20E+01			1.70E+00	1.70E+00
				1.00E+00	P	5.00E-03	P			1			1.36E+09		Aluminum	7429-90-5					7.80E+04		7.10E+06	7.70E+04
				4.00E-04	I					1			1.36E+09		Aluminum Phosphide	20859-73-8					3.10E+01			3.10E+01
				3.00E-04	I					1	0.1		1.36E+09		Amdro	67485-29-4					2.30E+01	9.90E+01		1.90E+01
				9.00E-03	I					1	0.1		1.36E+09		Ametryn	834-12-8					7.00E+02	3.00E+03		5.70E+02
2.10E+01	C	6.00E-03	C							1	0.1		1.36E+09		Aminobiphenyl, 4-	92-67-1	3.30E+00	1.20E+01	6.40E+04	2.60E+00				
				8.00E-02	P					1	0.1		1.36E+09		Aminophenol, m-	591-27-5					6.30E+03	2.60E+04		5.10E+03
				2.00E-02	P					1	0.1		1.36E+09		Aminophenol, p-	123-30-8					1.60E+03	6.60E+03		1.30E+03
				2.50E-03	I					1	0.1		1.36E+09		Amitraz	33089-61-1					2.00E+02	8.20E+02		1.60E+02
						1.00E-01	I	V		1					Ammonia	7664-41-7								
				2.00E-01	I					1			1.36E+09		Ammonium Sulfamate	7773-06-0					1.60E+04			1.60E+04
						3.00E-03	X	V		1		1.37E+04	1.36E+09	2.62E+04	Amyl Alcohol, tert-	75-85-4							8.20E+01	8.20E+01
5.70E-03	I	1.60E-06	C	7.00E-03	P	1.00E-03	I			1	0.1		1.36E+09		Aniline	62-53-3	1.20E+04	4.30E+04	2.40E+08	9.50E+03	5.50E+02	2.30E+03	1.40E+06	4.40E+02
4.00E-02	P			2.00E-03	X					1	0.1		1.36E+09		Anthraquinone, 9,10-	84-65-1	1.70E+03	6.20E+03		1.40E+03	1.60E+02	6.60E+02		1.30E+02
				4.00E-04	I					0.15			1.36E+09		Antimony (metallic)	7440-36-0					3.10E+01			3.10E+01
				5.00E-04	H					0.15			1.36E+09		Antimony Pentoxide	1314-60-9					3.90E+01			3.90E+01
				9.00E-04	H					0.15			1.36E+09		Antimony Potassium Tartrate	11071-15-1					7.00E+01			7.00E+01
				4.00E-04	H					0.15			1.36E+09		Antimony Tetroxide	1332-81-6					3.10E+01			3.10E+01
						2.00E-04	I			0.15			1.36E+09		Antimony Trioxide	1309-64-4							2.80E+05	2.80E+05
				1.30E-02	I					1	0.1		1.36E+09		Apollo	74115-24-5					1.00E+03	4.30E+03		8.20E+02
2.50E-02	I	7.10E-06	I	5.00E-02	H					1	0.1		1.36E+09		Aramite	140-57-8	2.80E+03	9.90E+03	5.40E+07	2.20E+03	3.90E+03	1.60E+04		3.20E+03
1.50E+00	I	4.30E-03	I	3.00E-04	I	1.50E-05	C			1	0.03		1.36E+09		Arsenic, Inorganic	7440-38-2	7.70E+01	5.50E+02	8.90E+04	6.80E+01	3.90E+01	3.30E+02	2.10E+04	3.50E+01
				3.50E-06	C	5.00E-05	I			1			1.36E+09		Arsine	7784-42-1					2.70E-01		7.10E+04	2.70E-01
				9.00E-03	I					1	0.1		1.36E+09		Assure	76578-14-8					7.00E+02	3.00E+03		5.70E+02
				5.00E-02	I					1	0.1		1.36E+09		Asulam	3337-71-1					3.90E+03	1.60E+04		3.20E+03
2.30E-01	C			3.50E-02	I					1	0.1		1.36E+09		Atrazine	1912-24-9	3.00E+02	1.10E+03		2.40E+02	2.70E+03	1.20E+04		2.20E+03
8.80E-01	C	2.50E-04	C							1	0.1		1.36E+09		Auramine	492-80-8	7.90E+01	2.80E+02	1.50E+06	6.20E+01				
				4.00E-04	I					1	0.1		1.36E+09		Avermectin B1	65195-55-3					3.10E+01	1.30E+02		2.50E+01
1.10E-01	I	3.10E-05	I					V		1			1.36E+09	5.23E+05	Azobenzene	103-33-3	6.30E+02		4.70E+03	5.60E+02				
				1.00E+00	P	7.00E-06	P			1	0.1		1.36E+09		Azodicarbonamide	123-77-3					7.80E+04	3.30E+05	9.90E+03	8.60E+03
				2.00E-01	I	5.00E-04	H			0.07			1.36E+09		Barium	7440-39-3					1.60E+04		7.10E+05	1.50E+04
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Barium Chromate	10294-40-3	3.10E+01		9.20E+02	3.00E+01	1.60E+03		2.80E+05	1.60E+03
				4.00E-03	I					1	0.1		1.36E+09		Baygon	114-26-1					3.10E+02	1.30E+03		2.50E+02
				3.00E-02	I					1	0.1		1.36E+09		Bayleton	43121-43-3					2.30E+03	9.90E+03		1.90E+03
				2.50E-02	I					1	0.1		1.36E+09		Baythroid	68359-37-5					2.00E+03	8.20E+03		1.60E+03
				3.00E-01	I			V		1			1.36E+09	3.07E+05	Benefin	1861-40-1					2.30E+04			2.30E+04
				5.00E-02	I					1	0.1		1.36E+09		Benomyl	17804-35-2					3.90E+03	1.60E+04		3.20E+03
				3.00E-02	I					1	0.1		1.36E+09		Bentazon	25057-89-0					2.30E+03	9.90E+03		1.90E+03
				1.00E-01	I			V		1		1.16E+03	1.36E+09	2.25E+04	Benzaldehyde	100-52-7					7.80E+03			7.80E+03
5.50E-02	I	7.80E-06	I	4.00E-03	I	3.00E-02	I	V		1		1.82E+03	1.36E+09	3.54E+03	Benzene	71-43-2	1.30E+03		1.30E+02	1.20E+02	3.10E+02		1.10E+02	8.20E+01
1.00E-01	X			3.00E-04	X					1	0.1		1.36E+09		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.00E+02	2.50E+03		5.40E+02	2.30E+01	9.90E+01		1.90E+01
				1.00E-03	P			V		1		1.26E+03	1.36E+09	1.94E+04	Benzenethiol	108-98-5					7.80E+01			7.80E+01
2.30E+02	I	6.70E-02	I	3.00E-03	I				M	1	0.1		1.36E+09		Benzidine	92-87-5	6.70E-02	2.60E-01	2.10E+03	5.30E-02	2.30E+02	9.90E+02		1.90E+02
				4.00E+00	I					1	0.1		1.36E+09		Benzoic Acid	65-85-0					3.10E+05	1.30E+06		2.50E+05
1.30E+01	I							V		1		3.24E+02	1.36E+09	6.76E+04	Benzotrichloride	98-07-7	5.30E+00			5.30E+00				
				1.00E-01	P					1	0.1		1.36E+09		Benzyl Alcohol	100-51-6					7.80E+03	3.30E+04		6.30E+03
1.70E-01	I	4.90E-05	C	2.00E-03	P	1.00E-03	P	V		1		1.46E+03	1.36E+09	2.55E+04	Benzyl Chloride	100-44-7	4.10E+02		1.50E+02	1.10E+02	1.60E+02		2.70E+01	2.30E+01
		2.40E-03	I	2.00E-03	I	2.00E-05	I			0.007			1.36E+09		Beryllium and compounds	7440-41-7			1.60E+05	1.60E+05	1.60E+02		2.80E+04	1.60E+02
				1.00E-04	I					1	0.1		1.36E+09		Bidrin	141-66-2					7.80E+00	3.30E+01		6.30E+00
				9.00E-03	P					1	0.1		1.36E+09		Bifenox	42576-02-3					7.00E+02	3.00E+03		5.70E+02
				1.50E-02	I					1	0.1		1.36E+09		Biphenthrin	82657-04-3					1.20E+03	4.90E+03		9.50E+02
8.00E-03	I			5.00E-01	I	4.00E-04	X	V		1			1.36E+09	1.14E+05	Biphenyl, 1,1'-	92-52-4	8.70E+03			8.70E+03	3.90E+04		4.80E+01	4.70E+01
7.00E-02	H	1.00E-05	H	4.00E-02	I			V		1		1.02E+03	1.36E+09	3.50E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	9.90E+02		9.80E+02	4.90E+02	3.10E+03			3.10E+03
				3.00E-03	P					1	0.1		1.36E+09		Bis(2-chloroethoxy)methane	111-91-1					2.30E+02	9.90E+02		1.90E+02

RML, HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
1.10E+00	I	3.30E-04	I					V		1		5.05E+03	1.36E+09	4.25E+04	Bis(2-chloroethyl)ether	111-44-4	6.30E+01		3.60E+01	2.30E+01				
2.20E+02	I	6.20E-02	I					V		1		4.22E+03	1.36E+09	1.88E+03	Bis(chloromethyl)ether	542-88-1	3.20E-01		8.50E-03	8.30E-03				
				5.00E-02	I					1	0.1		1.36E+09		Bisphenol A	80-05-7					3.90E+03	1.60E+04		3.20E+03
				2.00E-01	I	2.00E-02	H			1			1.36E+09		Boron And Borates Only	7440-42-8					1.60E+04		2.80E+07	1.60E+04
				2.00E+00	P	2.00E-02	P	V		1			1.36E+09		Boron Trichloride	10294-34-5					1.60E+05		2.80E+07	1.60E+05
				4.00E-02	C	1.30E-02	C	V		1			1.36E+09		Boron Trifluoride	7637-07-2					3.10E+03		1.80E+07	3.10E+03
7.00E-01	I			4.00E-03	I					1			1.36E+09		Bromate	15541-45-4	9.90E+01			9.90E+01	3.10E+02			3.10E+02
2.00E+00	X	6.00E-04	X					V		1		2.38E+03	1.36E+09	5.92E+03	Bromo-2-chloroethane, 1-	107-04-0	3.50E+01		2.80E+00	2.60E+00				
				8.00E-03	I	6.00E-02	I	V		1		6.79E+02	1.36E+09	8.37E+03	Bromobenzene	108-86-1					6.30E+02		5.20E+02	2.90E+02
						4.00E-02	X	V		1		4.04E+03	1.36E+09	3.58E+03	Bromochloromethane	74-97-5							1.50E+02	1.50E+02
6.20E-02	I	3.70E-05	C	2.00E-02	I			V		1		9.31E+02	1.36E+09	3.97E+03	Bromodichloromethane	75-27-4	1.10E+03		3.00E+01	2.90E+01	1.60E+03			1.60E+03
7.90E-03	I	1.10E-06	I	2.00E-02	I			V		1		9.15E+02	1.36E+09	9.70E+03	Bromoform	75-25-2	8.80E+03		2.50E+03	1.90E+03	1.60E+03			1.60E+03
				1.40E-03	I	5.00E-03	I	V		1		3.59E+03	1.36E+09	1.40E+03	Bromomethane	74-83-9					1.10E+02		7.30E+00	6.80E+00
				5.00E-03	H			V		1			1.36E+09	1.24E+05	Bromophos	2104-96-3					3.90E+02			3.90E+02
				2.00E-02	I					1	0.1		1.36E+09		Bromoxynil	1689-84-5					1.60E+03	6.60E+03		1.30E+03
				2.00E-02	I			V		1			1.36E+09	4.74E+05	Bromoxynil Octanoate	1689-99-2					1.60E+03			1.60E+03
3.40E+00	C	3.00E-05	I			2.00E-03	I	V		1		6.67E+02	1.36E+09	8.66E+02	Butadiene, 1,3-	106-99-0	2.00E+01		8.10E+00	5.80E+00			1.80E+00	1.80E+00
				1.00E-01	I			V		1		7.64E+03	1.36E+09	3.00E+04	Butanol, N-	71-36-3					7.80E+03			7.80E+03
1.90E-03	P			2.00E-01	I					1	0.1		1.36E+09		Butyl Benzyl Phthlate	85-68-7	3.70E+04	1.30E+05		2.90E+04	1.60E+04	6.60E+04		1.30E+04
				2.00E+00	P	3.00E+01	P	V		1		2.13E+04	1.36E+09	2.92E+04	Butyl alcohol, sec-	78-92-2					1.60E+05		9.10E+05	1.30E+05
				5.00E-02	I			V		1			1.36E+09	8.63E+04	Butylate	2008-41-5					3.90E+03			3.90E+03
2.00E-04	C	5.70E-08	C							1	0.1		1.36E+09		Butylated hydroxyanisole	25013-16-5	3.50E+05	1.20E+06	6.70E+09	2.70E+05				
3.60E-03	P			3.00E-01	P					1	0.1		1.36E+09		Butylated hydroxytoluene	128-37-0	1.90E+04	6.90E+04		1.50E+04	2.30E+04	9.90E+04		1.90E+04
				5.00E-02	P			V		1		1.08E+02	1.36E+09	8.14E+03	Butylbenzene, n-	104-51-8					3.90E+03			3.90E+03
				1.00E-01	X			V		1		1.45E+02	1.36E+09	7.35E+03	Butylbenzene, sec-	135-98-8					7.80E+03			7.80E+03
				1.00E-01	X			V		1		1.83E+02	1.36E+09	7.36E+03	Butylbenzene, tert-	98-06-6					7.80E+03			7.80E+03
				2.00E-02	A					1	0.1		1.36E+09		Cacodylic Acid	75-60-5					1.60E+03	6.60E+03		1.30E+03
		1.80E-03	I	1.00E-03	I	1.00E-05	A			0.025	0.001		1.36E+09		Cadmium (Diet)	7440-43-9			2.10E+05	2.10E+05	7.80E+01	8.20E+02	1.40E+04	7.10E+01
		1.80E-03	I	5.00E-04	I	1.00E-05	A			0.05	0.001				Cadmium (Water)	7440-43-9								
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Calcium Chromate	13765-19-0	3.10E+01		9.20E+02	3.00E+01	1.60E+03		2.80E+05	1.60E+03
				5.00E-01	I	2.20E-03	C			1	0.1		1.36E+09		Caprolactam	105-60-2					3.90E+04	1.60E+05	3.10E+06	3.10E+04
1.50E-01	C	4.30E-05	C	2.00E-03	I					1	0.1		1.36E+09		Captafol	2425-06-1	4.60E+02	1.60E+03	8.90E+06	3.60E+02	1.60E+02	6.60E+02		1.30E+02
2.30E-03	C	6.60E-07	C	1.30E-01	I					1	0.1		1.36E+09		Captan	133-06-2	3.00E+04	1.10E+05	5.80E+08	2.40E+04	1.00E+04	4.30E+04		8.20E+03
				1.00E-01	I					1	0.1		1.36E+09		Carbaryl	63-25-2					7.80E+03	3.30E+04		6.30E+03
				5.00E-03	I					1	0.1		1.36E+09		Carbofuran	1563-66-2					3.90E+02	1.60E+03		3.20E+02
				1.00E-01	I	7.00E-01	I	V		1		7.38E+02	1.36E+09	1.17E+03	Carbon Disulfide	75-15-0					7.80E+03		8.50E+02	7.70E+02
7.00E-02	I	6.00E-06	I	4.00E-03	I	1.00E-01	I	V		1		4.58E+02	1.36E+09	1.49E+03	Carbon Tetrachloride	56-23-5	9.90E+02		7.00E+01	6.50E+01	3.10E+02		1.60E+02	1.00E+02
				1.00E-02	I					1	0.1		1.36E+09		Carbosulfan	55285-14-8					7.80E+02	3.30E+03		6.30E+02
				1.00E-01	I					1	0.1		1.36E+09		Carboxin	5234-68-4					7.80E+03	3.30E+04		6.30E+03
						9.00E-04	I			1			1.36E+09		Ceric oxide	1306-38-3							1.30E+06	1.30E+06
				1.00E-01	I			V		1			1.36E+09	1.46E+05	Chloral Hydrate	302-17-0					7.80E+03			7.80E+03
				1.50E-02	I					1	0.1		1.36E+09		Chloramben	133-90-4					1.20E+03	4.90E+03		9.50E+02
4.00E-01	H									1	0.1		1.36E+09		Chloranil	118-75-2	1.70E+02	6.10E+02		1.30E+02				
3.50E-01	I	1.00E-04	I	5.00E-04	I	7.00E-04	I	V		1	0.04		1.36E+09	9.02E+05	Chlordane	12789-03-6	2.00E+02	1.80E+03	2.50E+03	1.70E+02	3.90E+01	4.10E+02	6.60E+02	3.40E+01
1.00E+01	I	4.60E-03	C	3.00E-04	I					1	0.1		1.36E+09		Chlordecone (Kepone)	143-50-0	7.00E+00	2.50E+01	8.30E+04	5.40E+00	2.30E+01	9.90E+01		1.90E+01
				7.00E-04	A					1	0.1		1.36E+09		Chlorfenvinphos	470-90-6					5.50E+01	2.30E+02		4.40E+01
				2.00E-02	I					1	0.1		1.36E+09		Chlorimuron, Ethyl-	90982-32-4					1.60E+03	6.60E+03		1.30E+03
				1.00E-01	I	1.50E-04	A	V		1		2.78E+03	1.36E+09	1.22E+03	Chlorine	7782-50-5					7.80E+03		1.80E-01	1.80E-01
				3.00E-02	I	2.00E-04	I	V		1			1.36E+09		Chlorine Dioxide	10049-04-4					2.30E+03		2.80E+05	2.30E+03
				3.00E-02	I					1			1.36E+09		Chlorite (Sodium Salt)	7758-19-2					2.30E+03			2.30E+03
						5.00E+01	I	V		1		1.15E+03	1.36E+09	1.03E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							5.40E+04	5.40E+04
		3.00E-04	I	2.00E-02	H	2.00E-02	I	V		1		7.51E+02	1.36E+09	1.08E+03	Chloro-1,3-butadiene, 2-	126-99-8			1.00E+00	1.00E+00	1.60E+03		2.20E+01	2.20E+01
4.60E-01	H									1	0.1		1.36E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.50E+02	5.40E+02		1.20E+02				
1.00E-01	P	7.70E-05	C	3.00E-03	X					1	0.1		1.36E+09		Chloro-2-methylaniline, 4-	95-69-2	7.00E+02	2.50E+03	5.00E+06	5.40E+02	2.30E+02	9.90E+02		1.90E+02
2.70E-01	X							V		1		2.83E+04	1.36E+09	1.86E+04	Chloroacetaldehyde, 2-	107-20-0	2.60E+02			2.60E+02				
				2.00E-03	H					1	0.1		1.36E+09		Chloroacetic Acid	79-11-8					1.60E+02	6.60E+02		1.30E+02
						3.00E-05	I			1	0.1		1.36E+09		Chloroacetophenone, 2-	532-27-4							4.30E+04	4.30E+04
2.00E-01	P			4.00E-03	I					1	0.1		1.36E+09		Chloroaniline, p-	106-47-8	3.50E+02	1.20E+03		2.70E+02	3.10E+02	1.30E+03		2.50E+02
				2.00E-02	I	5.00E-02	P	V		1		7.61E+02	1.36E+09	6.45E+03	Chlorobenzene	108-90-7					1.60E+03		3.40E+02	2.80E+02
1.10E-01	C	3.10E-05	C	2.00E-02	I					1	0.1		1.36E+09		Chlorobenzilate	510-15-6	6.30E+02	2.20E+03	1.20E+07	4.90E+02	1.60E+03	6.60E+03		1.30E+03
				3.00E-02	X					1	0.1		1.36E+09		Chlorobenzoic Acid, p-	74-11-3					2.30E+03	9.90E+03		1.90E+03
				3.00E-03	P	3.00E-01	P	V		1		1.17E+02	1.36E+09	6.76E+03	Chlorobenzotrifluoride, 4-	98-56-6					2.30E+02		2.10E+03	2.10E+02
				4.00E-02	P			V		1		7.28E+02	1.36E+09	1.76E+03	Chlorobutane, 1-	109-69-3					3.10E+03			3.10E+03
						5.00E+01	I	V		1		1.68E+03	1.36E+09	9.38E+02	Chlorodifluoromethane	75-45-6							4.90E+04	4.90E+04
				2.00E-02	P			V		1		1.11E+05	1.36E+09	7.81E+04	Chloroethanol, 2-	107-07-3					1.60E+03			1.60E+03
3.10E-02	C	2.30E-05	I	1.00E-02	I	9.80E-02	A	V		1		2.54E+03	1.36E+09	2.63E+03	Chloroform	67-66-3	2.20E+03		3.20E+01	3.20E+01	7.80E+02		2.70E+02	2.00E+02
						9.00E-02	I	V		1		1.32E+03	1.36E+09	1.18E+03	Chloromethane	74-87-3							1.10E+02	1.10E+02
2.40E+00	C	6.90E-04	C					V		1		2.58E+04	1.36E+09	5.33E+03	Chloromethyl Methyl Ether	107-30-2	2.90E+01		2.20E+00	2.00E+00				
3.00E-01	P			3.00E-03	P	1.00E-05	X			1	0.1		1.36E+09		Chloronitrobenzene, o-	88-73-3	2.30E+02	8.20E+02		1.80E+02	2.30E+02	9.90E+02	1.40E+04	1.90E+02
6.30E-03	P			1.00E-03	P	6.00E-04	P			1	0.1		1.36E+09		Chloronitrobenzene, p-	100-00-5	1.10E+04	3.90E+04		8.60E+03	7.80E+01	3.30E+02	8.50E+05	6.30E+01
				5.00E-03	I			V		1		2.19E+04	1.36E+09	1.24E+05	Chlorophenol, 2-	95-57-8					3.90E+02			3.90E+02
						4.00E-04	C	V		1		6.17E+02	1.36E+09	4.68E+03	Chloropicrin	76-06-2							2.00E+00	2.00E+00
3.10E-03	C	8.90E-07	C	1.50E-02	I					1	0.1		1.36E+09		Chlorothalonil	1897-45-6	2.20E+04	8.00E+04	4.30E+08	1.80E+04	1.20E+03	4.90E+03		9.50E+02
				2.00E-02	I			V		1		9.07E+02	1.36E+09	8.12E+03	Chlorotoluene, o-	95-49-8					1.60E+03			1.60E+03
				2.00E-02	X			V		1		2.53E+02	1.36E+09	7.29E+03	Chlorotoluene, p-	106-43-4					1.60E+03			1.60E+03

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
2.40E+02	C	6.90E-02	C							1	0.1		1.36E+09		Chlorozotocin	54749-90-5	2.90E-01	1.00E+00	5.50E+03	2.30E-01				
				2.00E-01	I					1	0.1		1.36E+09		Chlorpropham	101-21-3					1.60E+04	6.60E+04		1.30E+04
				1.00E-03	A					1	0.1		1.36E+09		Chlorpyrifos	2921-88-2					7.80E+01	3.30E+02		6.30E+01
				1.00E-02	H					1	0.1		1.36E+09		Chlorpyrifos Methyl	5598-13-0					7.80E+02	3.30E+03		6.30E+02
				5.00E-02	I					1	0.1		1.36E+09		Chlorsulfuron	64902-72-3					3.90E+03	1.60E+04		3.20E+03
				8.00E-04	H					1	0.1		1.36E+09		Chlorthiophos	60238-56-4					6.30E+01	2.60E+02		5.10E+01
				1.50E+00	I					0.013			1.36E+09		Chromium(III), Insoluble Salts	16065-83-1					1.20E+05			1.20E+05
5.00E-01	J	8.40E-02	S	3.00E-03	I	1.00E-04	I		M	0.025			1.36E+09		Chromium(VI)	18540-29-9	3.10E+01		1.60E+03	3.00E+01	2.30E+02		1.40E+05	2.30E+02
										0.013			1.36E+09		Chromium, Total	7440-47-3								
		9.00E-03	P	3.00E-04	P	6.00E-06	P			1			1.36E+09		Cobalt	7440-48-4			4.20E+04	4.20E+04	2.30E+01		8.50E+03	2.30E+01
		6.20E-04	I					V	M	1					Coke Oven Emissions	8007-45-2								
				4.00E-02	H					1			1.36E+09		Copper	7440-50-8					3.10E+03			3.10E+03
				5.00E-02	I	6.00E-01	C			1	0.1		1.36E+09		Cresol, m-	108-39-4					3.90E+03	1.60E+04	8.50E+08	3.20E+03
				5.00E-02	I	6.00E-01	C			1	0.1		1.36E+09		Cresol, o-	95-48-7					3.90E+03	1.60E+04	8.50E+08	3.20E+03
				1.00E-01	A	6.00E-01	C			1	0.1		1.36E+09		Cresol, p-	106-44-5					7.80E+03	3.30E+04	8.50E+08	6.30E+03
				1.00E-01	A					1	0.1		1.36E+09		Cresol, p-chloro-m-	59-50-7					7.80E+03	3.30E+04		6.30E+03
				1.00E-01	A	6.00E-01	C			1	0.1		1.36E+09		Cresols	1319-77-3					7.80E+03	3.30E+04	8.50E+08	6.30E+03
1.90E+00	H			1.00E-03	P			V		1		1.66E+04	1.36E+09	1.89E+04	Crotonaldehyde, trans-	123-73-9	3.70E+01			3.70E+01	7.80E+01			7.80E+01
				1.00E-01	I	4.00E-01	I	V		1		2.68E+02	1.36E+09	6.21E+03	Cumene	98-82-8					7.80E+03		2.60E+03	1.90E+03
2.20E-01	C	6.30E-05	C							1	0.1		1.36E+09		Cupferron	135-20-6	3.20E+02	1.10E+03	6.10E+06	2.50E+02				
8.40E-01	H			2.00E-03	H					1	0.1		1.36E+09		Cyanazine	21725-46-2	8.30E+01	2.90E+02		6.50E+01	1.60E+02	6.60E+02		1.30E+02
															Cyanides									
				1.00E-03	I					1			1.36E+09		~Calcium Cyanide	592-01-8					7.80E+01			7.80E+01
				5.00E-03	I					1			1.36E+09		~Copper Cyanide	544-92-3					3.90E+02			3.90E+02
				6.00E-04	I	8.00E-04	S	V		1		9.72E+05	1.36E+09	3.49E+03	~Cyanide (CN-)	57-12-5					4.70E+01		2.90E+00	2.70E+00
				1.00E-03	I			V		1			1.36E+09		~Cyanogen	460-19-5					7.80E+01			7.80E+01
				9.00E-02	I			V		1			1.36E+09		~Cyanogen Bromide	506-68-3					7.00E+03			7.00E+03
				5.00E-02	I			V		1			1.36E+09		~Cyanogen Chloride	506-77-4					3.90E+03			3.90E+03
				6.00E-04	I	8.00E-04	I	V		1		1.00E+07	1.36E+09	5.22E+04	~Hydrogen Cyanide	74-90-8					4.70E+01		4.40E+01	2.30E+01
				2.00E-03	I					1			1.36E+09		~Potassium Cyanide	151-50-8					1.60E+02			1.60E+02
				5.00E-03	I					0.04			1.36E+09		~Potassium Silver Cyanide	506-61-6					3.90E+02			3.90E+02
				1.00E-01	I					0.04			1.36E+09		~Silver Cyanide	506-64-9					7.80E+03			7.80E+03
				1.00E-03	I					1			1.36E+09		~Sodium Cyanide	143-33-9					7.80E+01			7.80E+01
				2.00E-04	P					1			1.36E+09		~Thiocyanates	NA					1.60E+01			1.60E+01
				2.00E-04	X			V		1			1.36E+09		~Thiocyanic Acid	463-56-9					1.60E+01			1.60E+01
				5.00E-02	I					1			1.36E+09		~Zinc Cyanide	557-21-1					3.90E+03			3.90E+03
						6.00E+00	I	V		1		1.17E+02	1.36E+09	1.04E+03	Cyclohexane	110-82-7							6.50E+03	6.50E+03
2.30E-02	H									1	0.1		1.36E+09		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.00E+03	1.10E+04		2.40E+03				
				5.00E+00	I	7.00E-01	P	V		1		5.11E+03	1.36E+09	4.17E+04	Cyclohexanone	108-94-1					3.90E+05		3.00E+04	2.80E+04
				5.00E-03	P	1.00E+00	X	V		1		2.83E+02	1.36E+09	1.46E+03	Cyclohexene	110-83-8					3.90E+02		1.50E+03	3.10E+02
				2.00E-01	I			V		1		2.93E+05	1.36E+09	7.46E+04	Cyclohexylamine	108-91-8					1.60E+04			1.60E+04
				5.00E-03	I					1	0.1		1.36E+09		Cyhalothrin/karate	68085-85-8					3.90E+02	1.60E+03		3.20E+02
				1.00E-02	I					1	0.1		1.36E+09		Cypermethrin	52315-07-8					7.80E+02	3.30E+03		6.30E+02
				7.50E-03	I					1	0.1		1.36E+09		Cyromazine	66215-27-8					5.90E+02	2.50E+03		4.70E+02
2.40E-01	I	6.90E-05	C							1	0.1		1.36E+09		DDD	72-54-8	2.90E+02	1.00E+03	5.50E+06	2.30E+02				
3.40E-01	I	9.70E-05	C					V		1			1.36E+09	2.10E+06	DDE, p,p'-	72-55-9	2.00E+02		6.10E+03	2.00E+02				
3.40E-01	I	9.70E-05	I	5.00E-04	I					1	0.03		1.36E+09		DDT	50-29-3	2.00E+02	2.40E+03	3.90E+06	1.90E+02	3.90E+01	5.50E+02		3.70E+01
				1.00E-02	I					1	0.1		1.36E+09		Dacthal	1861-32-1					7.80E+02	3.30E+03		6.30E+02
				3.00E-02	I					1	0.1		1.36E+09		Dalapon	75-99-0					2.30E+03	9.90E+03		1.90E+03
7.00E-04	I			7.00E-03	I					1	0.1		1.36E+09		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.90E+04	3.50E+05		7.80E+04	5.50E+02	2.30E+03		4.40E+02
				4.00E-05	I					1	0.1		1.36E+09		Demeton	8065-48-3					3.10E+00	1.30E+01		2.50E+00
1.20E-03	I			6.00E-01	I					1	0.1		1.36E+09		Di(2-ethylhexyl)adipate	103-23-1	5.80E+04	2.10E+05		4.50E+04	4.70E+04	2.00E+05		3.80E+04
6.10E-02	H									1	0.1		1.36E+09		Diallate	2303-16-4	1.10E+03	4.10E+03		8.90E+02				
				7.00E-04	A					1	0.1		1.36E+09		Diazinon	333-41-5					5.50E+01	2.30E+02		4.40E+01
				1.00E-02	X			V		1			1.36E+09	5.24E+05	Dibenzothiophene	132-65-0					7.80E+02			7.80E+02
8.00E-01	P	6.00E-03	P	2.00E-04	P	2.00E-04	I	V	M	1		9.79E+02	1.36E+09	3.20E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	1.90E+01		5.40E-01	5.30E-01	1.60E+01		6.70E+00	4.70E+00
				4.00E-04	X			V		1		1.59E+02	1.36E+09	1.93E+04	Dibromobenzene, 1,3-	108-36-1					3.10E+01			3.10E+01
				1.00E-02	I			V		1			1.36E+09	2.20E+04	Dibromobenzene, 1,4-	106-37-6					7.80E+02			7.80E+02
8.40E-02	I	2.70E-05	C	2.00E-02	I			V		1		8.02E+02	1.36E+09	7.95E+03	Dibromochloromethane	124-48-1	8.30E+02		8.30E+01	7.50E+01	1.60E+03			1.60E+03
2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I	V		1		1.34E+03	1.36E+09	8.64E+03	Dibromoethane, 1,2-	106-93-4	3.50E+01		4.00E+00	3.60E+00	7.00E+02		8.10E+01	7.30E+01
				1.00E-02	H	4.00E-03	X	V		1		2.82E+03	1.36E+09	5.64E+03	Dibromomethane (Methylene Bromide)	74-95-3					7.80E+02		2.40E+01	2.30E+01
				3.00E-04	P					1	0.1		1.36E+09		Dibutyltin Compounds	NA					2.30E+01	9.90E+01		1.90E+01
				3.00E-02	I					1	0.1		1.36E+09		Dicamba	1918-00-9					2.30E+03	9.90E+03		1.90E+03
		4.20E-03	P					V		1		5.18E+02	1.36E+09	1.24E+04	Dichloro-2-butene, 1,4-	764-41-0			8.30E-01	8.30E-01				
		4.20E-03	P					V		1		5.19E+02	1.36E+09	1.11E+04	Dichloro-2-butene, cis-1,4-	1476-11-5			7.40E-01	7.40E-01				
		4.20E-03	P					V		1		7.60E+02	1.36E+09	1.11E+04	Dichloro-2-butene, trans-1,4-	110-57-6			7.40E-01	7.40E-01				
5.00E-02	I			4.00E-03	I					1	0.1		1.36E+09		Dichloroacetic Acid	79-43-6	1.40E+03	4.90E+03		1.10E+03	3.10E+02	1.30E+03		2.50E+02
				9.00E-02	I	2.00E-01	H	V		1		3.76E+02	1.36E+09	1.17E+04	Dichlorobenzene, 1,2-	95-50-1					7.00E+03		2.40E+03	1.80E+03
5.40E-03	C	1.10E-05	C	7.00E-02	A	8.00E-01	I	V		1			1.36E+09	1.04E+04	Dichlorobenzene, 1,4-	106-46-7	1.30E+04		2.70E+02	2.60E+02	5.50E+03		8.70E+03	3.40E+03
4.50E-01	I	3.40E-04	C							1	0.1		1.36E+09		Dichlorobenzidine, 3,3'-	91-94-1	1.50E+02	5.50E+02	1.10E+06	1.20E+02				
				9.00E-03	X					1	0.1		1.36E+09		Dichlorobenzophenone, 4,4'-	90-98-2					7.00E+02	3.00E+03		5.70E+02
				2.00E-01	I	1.00E-01	X	V		1		8.45E+02	1.36E+09	8.41E+02	Dichlorodifluoromethane	75-71-8					1.60E+04		8.80E+01	8.70E+01
5.70E-03	C	1.60E-06	C	2.00E-01	P			V		1		1.69E+03	1.36E+09	2.08E+03	Dichloroethane, 1,1-	75-34-3	1.20E+04		3.70E+02	3.60E+02	1.60E+04			1.60E+04
9.10E-02	I	2.60E-05	I	6.00E-03	X	7.00E-03	P	V		1		2.98E+03	1.36E+09	4.57E+03	Dichloroethane, 1,2-	107-06-2	7.60E+02		4.90E+01	4.60E+01	4.70E+02		3.30E+01	3.10E+01
				5.00E-02	I	2.00E-01	I	V		1		1.19E+03	1.36E+09	1.16E+03	Dichloroethylene, 1,1-	75-35-4					3.90E+03		2.40E+02	2.30E+02

RML HQ=1

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
				2.00E-03	I			V		1		2.37E+03	1.36E+09	2.50E+03	Dichloroethylene, 1,2-cis-	156-59-2					1.60E+02			1.60E+02
				2.00E-02	I			V		1		1.86E+03	1.36E+09	1.74E+03	Dichloroethylene, 1,2-trans-	156-60-5					1.60E+03			1.60E+03
				3.00E-03	I					1	0.1		1.36E+09		Dichlorophenol, 2,4-	120-83-2					2.30E+02	9.90E+02		1.90E+02
				1.00E-02	I					1	0.05		1.36E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					7.80E+02	6.60E+03		7.00E+02
				8.00E-03	I					1	0.1		1.36E+09		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					6.30E+02	2.60E+03		5.10E+02
3.60E-02	C	1.00E-05	C	9.00E-02	A	4.00E-03	I	V		1		1.36E+03	1.36E+09	3.79E+03	Dichloropropane, 1,2-	78-87-5	1.90E+03		1.10E+02	1.00E+02	7.00E+03		1.60E+01	1.60E+01
				2.00E-02	P			V		1		1.49E+03	1.36E+09	6.76E+03	Dichloropropane, 1,3-	142-28-9					1.60E+03			1.60E+03
				3.00E-03	I					1	0.1		1.36E+09		Dichloropropanol, 2,3-	616-23-9					2.30E+02	9.90E+02		1.90E+02
1.00E-01	I	4.00E-06	I	3.00E-02	I	2.00E-02	I	V		1		1.57E+03	1.36E+09	3.55E+03	Dichloropropene, 1,3-	542-75-6	7.00E+02		2.50E+02	1.80E+02	2.30E+03		7.40E+01	7.20E+01
2.90E-01	I	8.30E-05	C	5.00E-04	I	5.00E-04	I			1	0.1		1.36E+09		Dichlorvos	62-73-7	2.40E+02	8.50E+02	4.60E+06	1.90E+02	3.90E+01	1.60E+02	7.10E+05	3.20E+01
				8.00E-02	P	3.00E-04	X	V		1			1.36E+09	4.11E+03	Dicyclopentadiene	77-73-6					6.30E+03		1.30E+00	1.30E+00
1.60E+01	I	4.60E-03	I	5.00E-05	I					1	0.1		1.36E+09		Dieldrin	60-57-1	4.30E+00	1.50E+01	8.30E+04	3.40E+00	3.90E+00	1.60E+01		3.20E+00
		3.00E-04	C			5.00E-03	I			1	0.1				Diesel Engine Exhaust	NA								
				2.00E-03	P	2.00E-04	P			1	0.1		1.36E+09		Diethanolamine	111-42-2					1.60E+02	6.60E+02	2.80E+05	1.30E+02
				3.00E-02	P	1.00E-04	P			1	0.1		1.36E+09		Diethylene Glycol Monobutyl Ether	112-34-5					2.30E+03	9.90E+03	1.40E+05	1.90E+03
				6.00E-02	P	3.00E-04	P			1	0.1		1.36E+09		Diethylene Glycol Monoethyl Ether	111-90-0					4.70E+03	2.00E+04	4.30E+05	3.80E+03
				1.00E-03	P			V		1		1.12E+05	1.36E+09	1.39E+05	Diethylformamide	617-84-5					7.80E+01			7.80E+01
3.50E+02	C	1.00E-01	C							1	0.1		1.36E+09		Diethylstilbestrol	56-53-1	2.00E-01	7.10E-01	3.80E+03	1.60E-01				
				8.00E-02	I					1	0.1		1.36E+09		Difenzoquat	43222-48-6					6.30E+03	2.60E+04		5.10E+03
				2.00E-02	I					1	0.1		1.36E+09		Diflubenzuron	35367-38-5					1.60E+03	6.60E+03		1.30E+03
						4.00E+01	I	V		1		1.43E+03	1.36E+09	1.15E+03	Difluoroethane, 1,1-	75-37-6							4.80E+04	4.80E+04
4.40E-02	C	1.30E-05	C					V		1			1.36E+09	1.51E+03	Dihydrosafrole	94-58-6	1.60E+03		3.30E+01	3.20E+01				
						7.00E-01	P	V		1		2.26E+03	1.36E+09	3.06E+03	Diisopropyl Ether	108-20-3							2.20E+03	2.20E+03
				8.00E-02	I			V		1		5.30E+02	1.36E+09	3.81E+04	Diisopropyl Methylphosphonate	1445-75-6					6.30E+03			6.30E+03
				2.00E-02	I					1	0.1		1.36E+09		Dimethipin	55290-64-7					1.60E+03	6.60E+03		1.30E+03
				2.00E-04	I					1	0.1		1.36E+09		Dimethoate	60-51-5					1.60E+01	6.60E+01		1.30E+01
1.60E+00	P									1	0.1		1.36E+09		Dimethoxybenzidine, 3,3'-	119-90-4	4.30E+01	1.50E+02		3.40E+01				
1.70E-03	P			6.00E-02	P					1	0.1		1.36E+09		Dimethyl methylphosphonate	756-79-6	4.10E+04	1.50E+05		3.20E+04	4.70E+03	2.00E+04		3.80E+03
4.60E+00	C	1.30E-03	C							1	0.1		1.36E+09		Dimethylamino azobenzene [p-]	60-11-7	1.50E+01	5.40E+01	2.90E+05	1.20E+01				
5.80E-01	H									1	0.1		1.36E+09		Dimethylaniline HCl, 2,4-	21436-96-4	1.20E+02	4.30E+02		9.40E+01				
2.00E-01	P			2.00E-03	X					1	0.1		1.36E+09		Dimethylaniline, 2,4-	95-68-1	3.50E+02	1.20E+03		2.70E+02	1.60E+02	6.60E+02		1.30E+02
				2.00E-03	I			V		1		8.30E+02	1.36E+09	3.13E+04	Dimethylaniline, N,N-	121-69-7					1.60E+02			1.60E+02
1.10E+01	P									1	0.1		1.36E+09		Dimethylbenzidine, 3,3'-	119-93-7	6.30E+00	2.20E+01		4.90E+00				
				1.00E-01	P	3.00E-02	I	V		1		1.06E+05	1.36E+09	1.28E+05	Dimethylformamide	68-12-2					7.80E+03		4.00E+03	2.60E+03
				1.00E-04	X	2.00E-06	X	V		1		1.72E+05	1.36E+09	1.62E+05	Dimethylhydrazine, 1,1-	57-14-7					7.80E+00		3.40E-01	3.20E-01
5.50E+02	C	1.60E-01	C					V		1		1.89E+05	1.36E+09	1.68E+05	Dimethylhydrazine, 1,2-	540-73-8	1.30E-01		2.90E-01	8.80E-02				
				2.00E-02	I					1	0.1		1.36E+09		Dimethylphenol, 2,4-	105-67-9					1.60E+03	6.60E+03		1.30E+03
				6.00E-04	I					1	0.1		1.36E+09		Dimethylphenol, 2,6-	576-26-1					4.70E+01	2.00E+02		3.80E+01
				1.00E-03	I					1	0.1		1.36E+09		Dimethylphenol, 3,4-	95-65-8					7.80E+01	3.30E+02		6.30E+01
4.50E-02	C	1.30E-05	C					V		1		1.09E+03	1.36E+09	1.01E+03	Dimethylvinylchloride	513-37-1	1.50E+03		2.20E+01	2.10E+01				
				8.00E-05	X					1	0.1		1.36E+09		Dinitro-o-cresol, 4,6-	534-52-1					6.30E+00	2.60E+01		5.10E+00
				2.00E-03	I					1	0.1		1.36E+09		Dinitro-o-cyclohexyl Phenol, 3,6-	131-89-5					1.60E+02	6.60E+02		1.30E+02
				1.00E-04	P					1	0.1		1.36E+09		Dinitrobenzene, 1,2-	528-29-0					7.80E+00	3.30E+01		6.30E+00
				1.00E-04	I					1	0.1		1.36E+09		Dinitrobenzene, 1,3-	99-65-0					7.80E+00	3.30E+01		6.30E+00
				1.00E-04	P					1	0.1		1.36E+09		Dinitrobenzene, 1,4-	100-25-4					7.80E+00	3.30E+01		6.30E+00
				2.00E-03	I					1	0.1		1.36E+09		Dinitrophenol, 2,4-	51-28-5					1.60E+02	6.60E+02		1.30E+02
6.80E-01	I									1	0.1		1.36E+09		Dinitrotoluene Mixture, 2,4/2,6-	NA	1.00E+02	3.60E+02		8.00E+01				
3.10E-01	C	8.90E-05	C	2.00E-03	I					1	0.102		1.36E+09		Dinitrotoluene, 2,4-	121-14-2	2.20E+02	7.80E+02	4.30E+06	1.70E+02	1.60E+02	6.50E+02		1.30E+02
1.50E+00	P			3.00E-04	X					1	0.099		1.36E+09		Dinitrotoluene, 2,6-	606-20-2	4.60E+01	1.70E+02		3.60E+01	2.30E+01	1.00E+02		1.90E+01
				2.00E-03	S					1	0.006		1.36E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					1.60E+02	1.10E+04		1.50E+02
				2.00E-03	S					1	0.009		1.36E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					1.60E+02	7.30E+03		1.50E+02
4.50E-01	X			9.00E-04	X					1	0.1		1.36E+09		Dinitrotoluene, Technical grade	25321-14-6	1.50E+02	5.50E+02		1.20E+02	7.00E+01	3.00E+02		5.70E+01
				1.00E-03	I					1	0.1		1.36E+09		Dinoseb	88-85-7					7.80E+01	3.30E+02		6.30E+01
1.00E-01	I	5.00E-06	I	3.00E-02	I	3.00E-02	I	V		1		1.16E+05	1.36E+09	3.96E+04	Dioxane, 1,4-	123-91-1	7.00E+02		2.20E+03	5.30E+02	2.30E+03		1.20E+03	8.10E+02
															Dioxins									
6.20E+03	I	1.30E+00	I							1	0.03		1.36E+09		~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.10E-02	1.30E-01	2.90E+02	1.00E-02				
1.30E+05	C	3.80E+01	C	7.00E-10	I	4.00E-08	C	V		1	0.03		1.36E+09	1.96E+06	~TCDD, 2,3,7,8-	1746-01-6	5.30E-04	6.30E-03	1.40E-02	4.80E-04	5.50E-05	7.70E-04	8.20E-02	5.10E-05
				3.00E-02	I					1	0.1		1.36E+09		Diphenamid	957-51-7					2.30E+03	9.90E+03		1.90E+03
				8.00E-04	X					1	0.1		1.36E+09		Diphenyl Sulfone	127-63-9					6.30E+01	2.60E+02		5.10E+01
				2.50E-02	I					1	0.1		1.36E+09		Diphenylamine	122-39-4					2.00E+03	8.20E+03		1.60E+03
8.00E-01	I	2.20E-04	I							1	0.1		1.36E+09		Diphenylhydrazine, 1,2-	122-66-7	8.70E+01	3.10E+02	1.70E+06	6.80E+01				
				2.20E-03	I					1	0.1		1.36E+09		Diquat	85-00-7					1.70E+02	7.30E+02		1.40E+02
7.10E+00	C	1.40E-01	C							1	0.1		1.36E+09		Direct Black 38	1937-37-7	9.80E+00	3.50E+01	2.70E+03	7.60E+00				
7.40E+00	C	1.40E-01	C							1	0.1		1.36E+09		Direct Blue 6	2602-46-2	9.40E+00	3.30E+01	2.70E+03	7.30E+00				
6.70E+00	C	1.40E-01	C							1	0.1		1.36E+09		Direct Brown 95	16071-86-6	1.00E+01	3.70E+01	2.70E+03	8.10E+00				
				4.00E-05	I					1	0.1		1.36E+09		Disulfoton	298-04-4					3.10E+00	1.30E+01		2.50E+00
				1.00E-02	I			V		1			1.36E+09	4.54E+04	Dithiane, 1,4-	505-29-3					7.80E+02			7.80E+02
				2.00E-03	I					1	0.1		1.36E+09		Diuron	330-54-1					1.60E+02	6.60E+02		1.30E+02
				4.00E-03	I					1	0.1		1.36E+09		Dodine	2439-10-3					3.10E+02	1.30E+03		2.50E+02
				2.50E-02	I			V		1			1.36E+09	1.17E+05	EPTC	759-94-4					2.00E+03			2.00E+03
				6.00E-03	I			V		1			1.36E+09	4.10E+05	Endosulfan	115-29-7					4.70E+02			4.70E+02
				2.00E-02	I					1	0.1		1.36E+09		Endothall	145-73-3					1.60E+03	6.60E+03		1.30E+03
				3.00E-04	I					1	0.1		1.36E+09		Endrin	72-20-8					2.30E+01	9.90E+01		1.90E+01
9.90E-03	I	1.20E-06	I	6.00E-03	P	1.00E-03	I	V		1		1.05E+04	1.36E+09	1.89E+04	Epichlorohydrin	106-89-8	7.00E+03		4.40E+03	2.70E+03	4.70E+02		2.00E+01	1.90E+01
						2.00E-02	I	V		1		1.53E+04	1.36E+09	7.66E+03	Epoxybutane, 1,2-	106-88-7							1.60E+02	1.60E+02

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
				5.00E-03	I					1	0.1		1.36E+09		Ethephon	16672-87-0					3.90E+02	1.60E+03		3.20E+02
				5.00E-04	I					1	0.1		1.36E+09		Ethion	563-12-2					3.90E+01	1.60E+02		3.20E+01
				1.00E-01	P	6.00E-02	P	V		1		3.14E+04	1.36E+09	6.15E+04	Ethoxyethanol Acetate, 2-	111-15-9					7.80E+03		3.80E+03	2.60E+03
				9.00E-02	P	2.00E-01	I	V		1		1.06E+05	1.36E+09	9.84E+04	Ethoxyethanol, 2-	110-80-5					7.00E+03		2.10E+04	5.20E+03
				9.00E-01	I	7.00E-02	P	V		1		1.08E+04	1.36E+09	8.62E+03	Ethyl Acetate	141-78-6					7.00E+04		6.30E+02	6.20E+02
4.80E-02	H			5.00E-03	P	8.00E-03	P	V		1		2.50E+03	1.36E+09	6.34E+03	Ethyl Acrylate	140-88-5	1.40E+03			1.40E+03	3.90E+02		5.30E+01	4.70E+01
						1.00E+01	I	V		1		2.12E+03	1.36E+09	1.29E+03	Ethyl Chloride (Chloroethane)	75-00-3							1.40E+04	1.40E+04
				2.00E-01	I			V		1		1.01E+04	1.36E+09	3.12E+03	Ethyl Ether	60-29-7					1.60E+04			1.60E+04
				9.00E-02	H	3.00E-01	P	V		1		1.10E+03	1.36E+09	5.77E+03	Ethyl Methacrylate	97-63-2					7.00E+03		1.80E+03	1.40E+03
				1.00E-05	I					1	0.1		1.36E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					7.80E-01	3.30E+00		6.30E-01
1.10E-02	C	2.50E-06	C	1.00E-01	I	1.00E+00	I	V		1		4.80E+02	1.36E+09	5.67E+03	Ethylbenzene	100-41-4	6.30E+03		6.40E+02	5.80E+02	7.80E+03		5.90E+03	3.40E+03
				7.00E-02	P					1	0.1		1.36E+09		Ethylene Cyanohydrin	109-78-4					5.50E+03	2.30E+04		4.40E+03
				9.00E-02	P			V		1		1.89E+05	1.36E+09	1.80E+05	Ethylene Diamine	107-15-3					7.00E+03			7.00E+03
				2.00E+00	I	4.00E-01	C			1	0.1		1.36E+09		Ethylene Glycol	107-21-1					1.60E+05	6.60E+05	5.70E+08	1.30E+05
				1.00E-01	I	1.60E+00	I			1	0.1		1.36E+09		Ethylene Glycol Monobutyl Ether	111-76-2					7.80E+03	3.30E+04	2.30E+09	6.30E+03
3.10E-01	C	8.80E-05	C			3.00E-02	C	V		1		1.21E+05	1.36E+09	6.09E+03	Ethylene Oxide	75-21-8	2.20E+02		1.90E+01	1.80E+01			1.90E+02	1.90E+02
4.50E-02	C	1.30E-05	C	8.00E-05	I					1	0.1		1.36E+09		Ethylene Thiourea	96-45-7	1.50E+03	5.50E+03	2.90E+07	1.20E+03	6.30E+00	2.60E+01		5.10E+00
6.50E+01	C	1.90E-02	C					V		1		1.54E+05	1.36E+09	2.39E+04	Ethyleneimine	151-56-4	1.10E+00		3.50E-01	2.70E-01				
				3.00E+00	I					1	0.1		1.36E+09		Ethylphthalyl Ethyl Glycolate	84-72-0					2.30E+05	9.90E+05		1.90E+05
				8.00E-03	I					1	0.1		1.36E+09		Express	101200-48-0					6.30E+02	2.60E+03		5.10E+02
				2.50E-04	I					1	0.1		1.36E+09		Fenamiphos	22224-92-6					2.00E+01	8.20E+01		1.60E+01
				2.50E-02	I					1	0.1		1.36E+09		Fenpropathrin	39515-41-8					2.00E+03	8.20E+03		1.60E+03
				1.30E-02	I					1	0.1		1.36E+09		Fluometuron	2164-17-2					1.00E+03	4.30E+03		8.20E+02
				4.00E-02	C	1.30E-02	C			1			1.36E+09		Fluoride	16984-48-8					3.10E+03		1.80E+07	3.10E+03
				6.00E-02	I	1.30E-02	C			1			1.36E+09		Fluorine (Soluble Fluoride)	7782-41-4					4.70E+03		1.80E+07	4.70E+03
				8.00E-02	I					1	0.1		1.36E+09		Fluridone	59756-60-4					6.30E+03	2.60E+04		5.10E+03
				2.00E-02	I					1	0.1		1.36E+09		Flurprimidol	56425-91-3					1.60E+03	6.60E+03		1.30E+03
				6.00E-02	I					1	0.1		1.36E+09		Flutolanil	66332-96-5					4.70E+03	2.00E+04		3.80E+03
				1.00E-02	I					1	0.1		1.36E+09		Fluvalinate	69409-94-5					7.80E+02	3.30E+03		6.30E+02
3.50E-03	I			1.00E-01	I					1	0.1		1.36E+09		Folpet	133-07-3	2.00E+04	7.10E+04		1.60E+04	7.80E+03	3.30E+04		6.30E+03
1.90E-01	I									1	0.1		1.36E+09		Fomesafen	72178-02-0	3.70E+02	1.30E+03		2.90E+02				
				2.00E-03	I					1	0.1		1.36E+09		Fonofos	944-22-9					1.60E+02	6.60E+02		1.30E+02
		1.30E-05	I	2.00E-01	I	9.80E-03	A	V		1		4.24E+04	1.36E+09	7.77E+04	Formaldehyde	50-00-0			1.70E+03	1.70E+03	1.60E+04		8.00E+02	7.60E+02
				9.00E-01	P	3.00E-04	X	V		1		1.06E+05	1.36E+09	9.30E+04	Formic Acid	64-18-6					7.00E+04		2.90E+01	2.90E+01
				3.00E+00	I					1	0.1		1.36E+09		Fosetyl-AL	39148-24-8					2.30E+05	9.90E+05		1.90E+05
															Furans									
				1.00E-03	X			V		1	0.03		1.36E+09	1.96E+05	~Dibenzofuran	132-64-9					7.80E+01	1.10E+03		7.30E+01
				1.00E-03	I			V		1	0.03	6.22E+03	1.36E+09	2.62E+03	~Furan	110-00-9					7.80E+01	1.10E+03		7.30E+01
				9.00E-01	I	2.00E+00	I	V		1	0.03	1.65E+05	1.36E+09	1.22E+04	~Tetrahydrofuran	109-99-9					7.00E+04	9.90E+05	2.50E+04	1.80E+04
3.80E+00	H									1	0.1		1.36E+09		Furazolidone	67-45-8	1.80E+01	6.50E+01		1.40E+01				
				3.00E-03	I	5.00E-02	H	V		1		1.01E+04	1.36E+09	4.86E+04	Furfural	98-01-1					2.30E+02		2.50E+03	2.10E+02
1.50E+00	C	4.30E-04	C							1	0.1		1.36E+09		Furium	531-82-8	4.60E+01	1.60E+02	8.90E+05	3.60E+01				
3.00E-02	I	8.60E-06	C							1	0.1		1.36E+09		Furmecyclox	60568-05-0	2.30E+03	8.20E+03	4.40E+07	1.80E+03				
				4.00E-04	I					1	0.1		1.36E+09		Glufosinate, Ammonium	77182-82-2					3.10E+01	1.30E+02		2.50E+01
						8.00E-05	C			1	0.1		1.36E+09		Glutaraldehyde	111-30-8							1.10E+05	1.10E+05
				4.00E-04	I	1.00E-03	H	V		1		1.06E+05	1.36E+09	7.34E+04	Glycidyl	765-34-4					3.10E+01		7.70E+01	2.20E+01
				1.00E-01	I					1	0.1		1.36E+09		Glyphosate	1071-83-6					7.80E+03	3.30E+04		6.30E+03
				3.00E-03	I					1	0.1		1.36E+09		Goal	42874-03-3					2.30E+02	9.90E+02		1.90E+02
				1.00E-02	X			V		1			1.36E+09	1.45E+05	Guanidine	113-00-8					7.80E+02			7.80E+02
				2.00E-02	P					1	0.1		1.36E+09		Guanidine Chloride	50-01-1					1.60E+03	6.60E+03		1.30E+03
				3.00E-03	A	1.00E-02	A			1	0.1		1.36E+09		Guthion	86-50-0					2.30E+02	9.90E+02	1.40E+07	1.90E+02
				5.00E-05	I					1	0.1		1.36E+09		Haloxyfop, Methyl	69806-40-2					3.90E+00	1.60E+01		3.20E+00
				1.30E-02	I					1	0.1		1.36E+09		Harmony	79277-27-3					1.00E+03	4.30E+03		8.20E+02
4.50E+00	I	1.30E-03	I	5.00E-04	I			V		1			1.36E+09	4.79E+05	Heptachlor	76-44-8	1.50E+01		1.00E+02	1.30E+01	3.90E+01			3.90E+01
9.10E+00	I	2.60E-03	I	1.30E-05	I			V		1			1.36E+09	8.43E+05	Heptachlor Epoxide	1024-57-3	7.60E+00		9.10E+01	7.00E+00	1.00E+00			1.00E+00
				2.00E-03	I			V		1			1.36E+09	3.80E+05	Hexabromobenzene	87-82-1					1.60E+02			1.60E+02
				2.00E-04	I					1	0.1		1.36E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					1.60E+01	6.60E+01		1.30E+01
1.60E+00	I	4.60E-04	I	8.00E-04	I			V		1			1.36E+09	6.80E+04	Hexachlorobenzene	118-74-1	4.30E+01		4.10E+01	2.10E+01	6.30E+01			6.30E+01
7.80E-02	I	2.20E-05	I	1.00E-03	P			V		1		1.68E+01	1.36E+09	1.08E+04	Hexachlorobutadiene	87-68-3	8.90E+02		1.40E+02	1.20E+02	7.80E+01			7.80E+01
6.30E+00	I	1.80E-03	I	8.00E-03	A					1	0.1		1.36E+09		Hexachlorocyclohexane, Alpha-	319-84-6	1.10E+01	3.90E+01	2.10E+05	8.60E+00	6.30E+02	2.60E+03		5.10E+02
1.80E+00	I	5.30E-04	I							1	0.1		1.36E+09		Hexachlorocyclohexane, Beta-	319-85-7	3.90E+01	1.40E+02	7.20E+05	3.00E+01				
1.10E+00	C	3.10E-04	C	3.00E-04	I					1	0.04		1.36E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.30E+01	5.60E+02	1.20E+06	5.70E+01	2.30E+01	2.50E+02		2.10E+01
1.80E+00	I	5.10E-04	I							1	0.1		1.36E+09		Hexachlorocyclohexane, Technical	608-73-1	3.90E+01	1.40E+02	7.50E+05	3.00E+01				
				6.00E-03	I	2.00E-04	I	V		1		1.57E+01	1.36E+09	8.51E+03	Hexachlorocyclopentadiene	77-47-4					4.70E+02		1.80E+00	1.80E+00
4.00E-02	I	1.10E-05	C	7.00E-04	I	3.00E-02	I	V		1			1.36E+09	8.01E+03	Hexachloroethane	67-72-1	1.70E+03		2.00E+02	1.80E+02	5.50E+01		2.50E+02	4.50E+01
				3.00E-04	I					1	0.1		1.36E+09		Hexachlorophene	70-30-4					2.30E+01	9.90E+01		1.90E+01
1.10E-01	I			3.00E-03	I					1	0.015		1.36E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.30E+02	1.50E+04		6.10E+02	2.30E+02	6.60E+03		2.30E+02
						1.00E-05	I	V		1		5.19E+03	1.36E+09	3.00E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							3.10E+00	3.10E+00
				4.00E-04	P					1	0.1		1.36E+09		Hexamethylphosphoramide	680-31-9					3.10E+01	1.30E+02		2.50E+01
				6.00E-02	H	7.00E-01	I	V		1		1.41E+02	1.36E+09	8.29E+02	Hexane, N-	110-54-3					4.70E+03		6.10E+02	5.40E+02
				2.00E+00	P					1	0.1		1.36E+09		Hexanedioic Acid	124-04-9					1.60E+05	6.60E+05		1.30E+05
				5.00E-03	I	3.00E-02	I	V		1		3.28E+03	1.36E+09	1.33E+04	Hexanone, 2-	591-78-6					3.90E+02		4.20E+02	2.00E+02
				3.30E-02	I					1	0.1		1.36E+09		Hexazinone	51235-04-2					2.60E+03	1.10E+04		2.10E+03
3.00E+00	I	4.90E-03	I			3.00E-05	P	V		1			1.36E+09		Hydrazine	302-01-2	2.30E+01		7.80E+04	2.30E+01			4.30E+04	4.30E+04
3.00E+00	I	4.90E-03	I							1			1.36E+09		Hydrazine Sulfate	10034-93-2	2.30E+01		7.80E+04	2.30E+01				

RML
THQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
						2.00E-02	I	V		1			1.36E+09		Hydrogen Chloride	7647-01-0							2.80E+07	2.80E+07
				4.00E-02	C	1.40E-02	C	V		1			1.36E+09		Hydrogen Fluoride	7664-39-3					3.10E+03		2.00E+07	3.10E+03
						2.00E-03	I	V		1			1.36E+09		Hydrogen Sulfide	7783-06-4							2.80E+06	2.80E+06
6.00E-02	P			4.00E-02	P					1	0.1		1.36E+09		Hydroquinone	123-31-9	1.20E+03	4.10E+03		9.00E+02	3.10E+03	1.30E+04		2.50E+03
				1.30E-02	I					1	0.1		1.36E+09		Imazalil	35554-44-0					1.00E+03	4.30E+03		8.20E+02
				2.50E-01	I					1	0.1		1.36E+09		Imazaquin	81335-37-7					2.00E+04	8.20E+04		1.60E+04
				1.00E-02	A					1			1.36E+09		Iodine	7553-56-2					7.80E+02			7.80E+02
				4.00E-02	I					1	0.1		1.36E+09		Iprodione	36734-19-7					3.10E+03	1.30E+04		2.50E+03
				7.00E-01	P					1			1.36E+09		Iron	7439-89-6					5.50E+04			5.50E+04
				3.00E-01	I			V		1		1.00E+04	1.36E+09	2.81E+04	Isobutyl Alcohol	78-83-1					2.30E+04			2.30E+04
9.50E-04	I			2.00E-01	I	2.00E+00	C			1	0.1		1.36E+09		Isophorone	78-59-1	7.30E+04	2.60E+05		5.70E+04	1.60E+04	6.60E+04	2.80E+09	1.30E+04
				1.50E-02	I			V		1			1.36E+09	4.20E+05	Isopropalin	33820-53-0					1.20E+03			1.20E+03
				2.00E+00	P	2.00E-01	P	V		1		1.09E+05	1.36E+09	2.77E+04	Isopropanol	67-63-0					1.60E+05		5.80E+03	5.60E+03
				1.00E-01	I					1	0.1		1.36E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					7.80E+03	3.30E+04		6.30E+03
				5.00E-02	I					1	0.1		1.36E+09		Isoxaben	82558-50-7					3.90E+03	1.60E+04		3.20E+03
						3.00E-01	A	V		1			1.36E+09		JP-7	NA							4.30E+08	4.30E+08
				7.50E-02	I					1	0.1		1.36E+09		Kerb	23950-58-5					5.90E+03	2.50E+04		4.70E+03
				2.00E-03	I					1	0.1		1.36E+09		Lactofen	77501-63-4					1.60E+02	6.60E+02		1.30E+02
															Lead Compounds									
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		~Lead Chromate	7758-97-6	3.10E+01		9.20E+02	3.00E+01	1.60E+03		2.80E+05	1.60E+03
8.50E-03	C	1.20E-05	C							1			1.36E+09		~Lead Phosphate	7446-27-7	8.20E+03		3.20E+07	8.20E+03				
2.80E-01	C	8.00E-05	C							1	0.1		1.36E+09		~Lead acetate	301-04-2	2.50E+02	8.80E+02	4.80E+06	1.90E+02				
										1			1.36E+09		~Lead and Compounds	7439-92-1								4.00E+02
8.50E-03	C	1.20E-05	C							1	0.1		1.36E+09		~Lead subacetate	1335-32-6	8.20E+03	2.90E+04	3.20E+07	6.40E+03				
				1.00E-07	I			V		1		2.43E+00	1.36E+09	1.91E+03	~Tetraethyl Lead	78-00-2					7.80E-03			7.80E-03
				2.00E-03	I					1	0.1		1.36E+09		Linuron	330-55-2					1.60E+02	6.60E+02		1.30E+02
				2.00E-03	P					1			1.36E+09		Lithium	7439-93-2					1.60E+02			1.60E+02
				2.00E-01	I					1	0.1		1.36E+09		Londax	83055-99-6					1.60E+04	6.60E+04		1.30E+04
				5.00E-04	I					1	0.1		1.36E+09		MCPA	94-74-6					3.90E+01	1.60E+02		3.20E+01
				1.00E-02	I					1	0.1		1.36E+09		MCPB	94-81-5					7.80E+02	3.30E+03		6.30E+02
				1.00E-03	I					1	0.1		1.36E+09		MCPP	93-65-2					7.80E+01	3.30E+02		6.30E+01
				2.00E-02	I					1	0.1		1.36E+09		Malathion	121-75-5					1.60E+03	6.60E+03		1.30E+03
				1.00E-01	I	7.00E-04	C			1	0.1		1.36E+09		Maleic Anhydride	108-31-6					7.80E+03	3.30E+04	9.90E+05	6.30E+03
				5.00E-01	I					1	0.1		1.36E+09		Maleic Hydrazide	123-33-1					3.90E+04	1.60E+05		3.20E+04
				1.00E-04	P					1	0.1		1.36E+09		Malononitrile	109-77-3					7.80E+00	3.30E+01		6.30E+00
				3.00E-02	H					1	0.1		1.36E+09		Mancozeb	8018-01-7					2.30E+03	9.90E+03		1.90E+03
				5.00E-03	I					1	0.1		1.36E+09		Maneb	12427-38-2					3.90E+02	1.60E+03		3.20E+02
				1.40E-01	I	5.00E-05	I			1					Manganese (Diet)	7439-96-5								
				2.40E-02	S	5.00E-05	I			0.04			1.36E+09		Manganese (Non-diet)	7439-96-5					1.90E+03		7.10E+04	1.80E+03
				9.00E-05	H					1	0.1		1.36E+09		Mephosfolan	950-10-7					7.00E+00	3.00E+01		5.70E+00
				3.00E-02	I					1	0.1		1.36E+09		Mepiquat Chloride	24307-26-4					2.30E+03	9.90E+03		1.90E+03
															Mercury Compounds									
				3.00E-04	I	3.00E-04	S			0.07			1.36E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					2.30E+01		4.30E+05	2.30E+01
						3.00E-04	I	V		1		3.13E+00	1.36E+09	3.01E+04	~Mercury (elemental)	7439-97-6							9.40E+00	9.40E+00
				1.00E-04	I					1			1.36E+09		~Methyl Mercury	22967-92-6					7.80E+00			7.80E+00
				8.00E-05	I					1	0.1		1.36E+09		~Phenylmercuric Acetate	62-38-4					6.30E+00	2.60E+01		5.10E+00
				3.00E-05	I			V		1			1.36E+09	1.94E+06	Merphos	150-50-5					2.30E+00			2.30E+00
				3.00E-05	I					1	0.1		1.36E+09		Merphos Oxide	78-48-8					2.30E+00	9.90E+00		1.90E+00
				6.00E-02	I					1	0.1		1.36E+09		Metalaxyl	57837-19-1					4.70E+03	2.00E+04		3.80E+03
				1.00E-04	I	3.00E-02	P	V		1		4.58E+03	1.36E+09	6.79E+03	Methacrylonitrile	126-98-7					7.80E+00		2.10E+02	7.50E+00
				5.00E-05	I					1	0.1		1.36E+09		Methamidophos	10265-92-6					3.90E+00	1.60E+01		3.20E+00
				2.00E+00	I	2.00E+01	I	V		1		1.06E+05	1.36E+09	2.90E+04	Methanol	67-56-1					1.60E+05		6.10E+05	1.20E+05
				1.00E-03	I					1	0.1		1.36E+09		Methidathion	950-37-8					7.80E+01	3.30E+02		6.30E+01
				2.50E-02	I					1	0.1		1.36E+09		Methomyl	16752-77-5					2.00E+03	8.20E+03		1.60E+03
4.90E-02	C	1.40E-05	C							1	0.1		1.36E+09		Methoxy-5-nitroaniline, 2-	99-59-2	1.40E+03	5.00E+03	2.70E+07	1.10E+03				
				5.00E-03	I					1	0.1		1.36E+09		Methoxychlor	72-43-5					3.90E+02	1.60E+03		3.20E+02
				8.00E-03	P	1.00E-03	P	V		1		1.15E+05	1.36E+09	1.24E+05	Methoxyethanol Acetate, 2-	110-49-6					6.30E+02		1.30E+02	1.10E+02
				5.00E-03	P	2.00E-02	I	V		1		1.06E+05	1.36E+09	1.01E+05	Methoxyethanol, 2-	109-86-4					3.90E+02		2.10E+03	3.30E+02
				1.00E+00	X			V		1		2.90E+04	1.36E+09	8.12E+03	Methyl Acetate	79-20-9					7.80E+04			7.80E+04
				3.00E-02	H	2.00E-02	P	V		1		6.75E+03	1.36E+09	6.97E+03	Methyl Acrylate	96-33-3					2.30E+03		1.50E+02	1.40E+02
				6.00E-01	I	5.00E+00	I	V		1		2.84E+04	1.36E+09	1.22E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.70E+04		6.40E+04	2.70E+04
		1.00E-03	X	1.00E-03	P	2.00E-05	X	V		1		1.80E+05	1.36E+09	1.56E+05	Methyl Hydrazine	60-34-4			4.40E+01	4.40E+01	7.80E+01		3.30E+00	3.10E+00
				8.00E-02	H	3.00E+00	I	V		1		3.36E+03	1.36E+09	1.06E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					6.30E+03		3.30E+04	5.30E+03
						1.00E-03	C	V		1		1.67E+04	1.36E+09	4.42E+03	Methyl Isocyanate	624-83-9							4.60E+00	4.60E+00
				1.40E+00	I	7.00E-01	I	V		1		2.36E+03	1.36E+09	6.33E+03	Methyl Methacrylate	80-62-6					1.10E+05		4.60E+03	4.40E+03
				2.50E-04	I					1	0.1		1.36E+09		Methyl Parathion	298-00-0					2.00E+01	8.20E+01		1.60E+01
				6.00E-02	X					1	0.1		1.36E+09		Methyl Phosphonic Acid	993-13-5					4.70E+03	2.00E+04		3.80E+03
				6.00E-03	H	4.00E-02	H	V		1		3.93E+02	1.36E+09	1.20E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					4.70E+02		5.00E+02	2.40E+02
9.90E-02	C	2.80E-05	C							1	0.1		1.36E+09		Methyl methanesulfonate	66-27-3	7.00E+02	2.50E+03	1.40E+07	5.50E+02				
1.80E-03	C	2.60E-07	C			3.00E+00	I	V		1		8.87E+03	1.36E+09	4.90E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.90E+04		5.30E+03	4.70E+03			1.50E+04	1.50E+04
				3.00E-04	X					1	0.1		1.36E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					2.30E+01	9.90E+01		1.90E+01
9.00E-03	P			2.00E-02	X					1	0.1		1.36E+09		Methyl-5-Nitroaniline, 2-	99-55-8	7.70E+03	2.70E+04		6.00E+03	1.60E+03	6.60E+03		1.30E+03
8.30E+00	C	2.40E-03	C							1	0.1		1.36E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.40E+00	3.00E+01	1.60E+05	6.50E+00				
1.30E-01	C	3.70E-05	C							1	0.1		1.36E+09		Methylaniline Hydrochloride, 2-	636-21-5	5.30E+02	1.90E+03	1.00E+07	4.20E+02				
				1.00E-02	A					1	0.1		1.36E+09		Methylarsonic acid	124-58-3					7.80E+02	3.30E+03		6.30E+02

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
				2.00E-04	X					1	0.1		1.36E+09		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					1.60E+01	6.60E+01		1.30E+01
1.00E-01	X			3.00E-04	X					1	0.1		1.36E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.00E+02	2.50E+03		5.40E+02	2.30E+01	9.90E+01		1.90E+01
2.20E+01	C	6.30E-03	C						M	1	0.1		1.36E+09		Methylcholanthrene, 3-	56-49-5	7.00E-01	2.70E+00	2.20E+04	5.50E-01				
2.00E-03	I	1.00E-08	I	6.00E-03	I	6.00E-01	I	V	M	1		3.32E+03	1.36E+09	2.19E+03	Methylene Chloride	75-09-2	7.70E+03		2.20E+04	5.70E+03	4.70E+02		1.40E+03	3.50E+02
1.00E-01	P	4.30E-04	C	2.00E-03	P				M	1	0.1		1.36E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.50E+02	6.00E+02	3.20E+05	1.20E+02	1.60E+02	6.60E+02		1.30E+02
4.60E-02	I	1.30E-05	C							1	0.1		1.36E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.50E+03	5.40E+03	2.90E+07	1.20E+03				
1.60E+00	C	4.60E-04	C			2.00E-02	C			1	0.1		1.36E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	4.30E+01	1.50E+02	8.30E+05	3.40E+01			2.80E+07	2.80E+07
						6.00E-04	I			1	0.1		1.36E+09		Methylenediphenyl Diisocyanate	101-68-8							8.50E+05	8.50E+05
				7.00E-02	H			V		1		5.00E+02	1.36E+09	1.28E+04	Methylstyrene, Alpha-	98-83-9					5.50E+03			5.50E+03
				1.50E-01	I					1	0.1		1.36E+09		Metolachlor	51218-45-2					1.20E+04	4.90E+04		9.50E+03
				2.50E-02	I					1	0.1		1.36E+09		Metribuzin	21087-64-9					2.00E+03	8.20E+03		1.60E+03
				3.00E+00	P			V		1		3.42E-01	1.36E+09	1.38E+03	Mineral oils	8012-95-1					2.30E+05			2.30E+05
1.80E+01	C	5.10E-03	C	2.00E-04	I			V		1			1.36E+09	8.58E+05	Mirex	2385-85-5	3.90E+00		4.70E+01	3.60E+00	1.60E+01			1.60E+01
				2.00E-03	I					1	0.1		1.36E+09		Molinate	2212-67-1					1.60E+02	6.60E+02		1.30E+02
				5.00E-03	I					1			1.36E+09		Molybdenum	7439-98-7					3.90E+02			3.90E+02
				1.00E-01	I					1			1.36E+09		Monochloramine	10599-90-3					7.80E+03			7.80E+03
				2.00E-03	P					1	0.1		1.36E+09		Monomethylaniline	100-61-8					1.60E+02	6.60E+02		1.30E+02
				3.00E-04	X					1	0.1		1.36E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					2.30E+01	9.90E+01		1.90E+01
				2.00E-03	I			V		1			1.36E+09	5.70E+04	Naled	300-76-5					1.60E+02			1.60E+02
				3.00E-02	X	1.00E-01	P	V		1			1.36E+09		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					2.30E+03		1.40E+08	2.30E+03
1.80E+00	C	0.00E+00	C							1	0.1		1.36E+09		Naphthylamine, 2-	91-59-8	3.90E+01	1.40E+02		3.00E+01				
				1.00E-01	I					1	0.1		1.36E+09		Napropamide	15299-99-7					7.80E+03	3.30E+04		6.30E+03
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		1.36E+09		Nickel Acetate	373-02-4			1.50E+06	1.50E+06	8.60E+02	3.60E+03	2.00E+04	6.70E+02
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		1.36E+09		Nickel Carbonate	3333-67-3			1.50E+06	1.50E+06	8.60E+02	3.60E+03	2.00E+04	6.70E+02
		2.60E-04	C	1.10E-02	C	1.40E-05	C	V		1			1.36E+09		Nickel Carbonyl	13463-39-3			1.50E+06	1.50E+06	8.60E+02		2.00E+04	8.20E+02
		2.60E-04	C	1.10E-02	C	1.40E-05	C			0.04			1.36E+09		Nickel Hydroxide	12054-48-7			1.50E+06	1.50E+06	8.60E+02		2.00E+04	8.20E+02
		2.60E-04	C	1.10E-02	C	2.00E-05	C			0.04			1.36E+09		Nickel Oxide	1313-99-1			1.50E+06	1.50E+06	8.60E+02		2.80E+04	8.40E+02
		2.40E-04	I	1.10E-02	C	1.40E-05	C			0.04			1.36E+09		Nickel Refinery Dust	NA			1.60E+06	1.60E+06	8.60E+02		2.00E+04	8.20E+02
		2.60E-04	C	2.00E-02	I	9.00E-05	A			0.04			1.36E+09		Nickel Soluble Salts	7440-02-0			1.50E+06	1.50E+06	1.60E+03		1.30E+05	1.50E+03
1.70E+00	C	4.80E-04	I	1.10E-02	C	1.40E-05	C			0.04			1.36E+09		Nickel Subsulfide	12035-72-2	4.10E+01		8.00E+05	4.10E+01	8.60E+02		2.00E+04	8.20E+02
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		1.36E+09		Nickelocene	1271-28-9			1.50E+06	1.50E+06	8.60E+02	3.60E+03	2.00E+04	6.70E+02
				1.60E+00	I					1			1.36E+09		Nitrate	14797-55-8					1.30E+05			1.30E+05
										1			1.36E+09		Nitrate + Nitrite (as N)	NA								
				1.00E-01	I					1			1.36E+09		Nitrite	14797-65-0					7.80E+03			7.80E+03
				1.00E-02	X	5.00E-05	X			1	0.1		1.36E+09		Nitroaniline, 2-	88-74-4					7.80E+02	3.30E+03	7.10E+04	6.30E+02
2.00E-02	P			4.00E-03	P	6.00E-03	P			1	0.1		1.36E+09		Nitroaniline, 4-	100-01-6	3.50E+03	1.20E+04		2.70E+03	3.10E+02	1.30E+03	8.50E+06	2.50E+02
		4.00E-05	I	2.00E-03	I	9.00E-03	I	V		1		3.05E+03	1.36E+09	7.32E+04	Nitrobenzene	98-95-3			5.10E+02	5.10E+02	1.60E+02		6.90E+02	1.30E+02
				3.00E+03	P					1	0.1		1.36E+09		Nitrocellulose	9004-70-0					2.30E+08	9.90E+08		1.90E+08
				7.00E-02	H					1	0.1		1.36E+09		Nitrofurantoin	67-20-9					5.50E+03	2.30E+04		4.40E+03
1.30E+00	C	3.70E-04	C							1	0.1		1.36E+09		Nitrofurazone	59-87-0	5.30E+01	1.90E+02	1.00E+06	4.20E+01				
1.70E-02	P			1.00E-04	P					1	0.1		1.36E+09		Nitroglycerin	55-63-0	4.10E+03	1.50E+04		3.20E+03	7.80E+00	3.30E+01		6.30E+00
				1.00E-01	I					1	0.1		1.36E+09		Nitroguanidine	556-88-7					7.80E+03	3.30E+04		6.30E+03
		8.80E-06	P			5.00E-03	P	V		1		1.80E+04	1.36E+09	1.69E+04	Nitromethane	75-52-5			5.40E+02	5.40E+02			8.80E+01	8.80E+01
		2.70E-03	H			2.00E-02	I	V		1		4.86E+03	1.36E+09	1.31E+04	Nitropropane, 2-	79-46-9			1.40E+00	1.40E+00			2.70E+02	2.70E+02
2.70E+01	C	7.70E-03	C						M	1	0.1		1.36E+09		Nitroso-N-ethylurea, N-	759-73-9	5.70E-01	2.20E+00	1.80E+04	4.50E-01				
1.20E+02	C	3.40E-02	C						M	1	0.1		1.36E+09		Nitroso-N-methylurea, N-	684-93-5	1.30E-01	5.00E-01	4.10E+03	1.00E-01				
5.40E+00	I	1.60E-03	I					V		1			1.36E+09	2.43E+05	Nitroso-di-N-butylamine, N-	924-16-3	1.30E+01		4.30E+01	9.90E+00				
7.00E+00	I	2.00E-03	C							1	0.1		1.36E+09		Nitroso-di-N-propylamine, N-	621-64-7	9.90E+00	3.50E+01	1.90E+05	7.80E+00				
2.80E+00	I	8.00E-04	C							1	0.1		1.36E+09		Nitrosodiethanolamine, N-	1116-54-7	2.50E+01	8.80E+01	4.80E+05	1.90E+01				
1.50E+02	I	4.30E-02	I						M	1	0.1		1.36E+09		Nitrosodiethylamine, N-	55-18-5	1.00E-01	4.00E-01	3.20E+03	8.10E-02				
5.10E+01	I	1.40E-02	I	8.00E-06	P	4.00E-05	X	V	M	1		2.37E+05	1.36E+09	8.23E+04	Nitrosodimethylamine, N-	62-75-9	3.00E-01		6.00E-01	2.00E-01	6.30E-01		3.40E+00	5.30E-01
4.90E-03	I	2.60E-06	C							1	0.1		1.36E+09		Nitrosodiphenylamine, N-	86-30-6	1.40E+04	5.00E+04	1.50E+08	1.10E+04				
2.20E+01	I	6.30E-03	C					V		1		1.08E+05	1.36E+09	1.21E+05	Nitrosomethylethylamine, N-	10595-95-6	3.20E+00		5.40E+00	2.00E+00				
6.70E+00	C	1.90E-03	C							1	0.1		1.36E+09		Nitrosomorpholine [N-]	59-89-2	1.00E+01	3.70E+01	2.00E+05	8.10E+00				
9.40E+00	C	2.70E-03	C							1	0.1		1.36E+09		Nitrosopiperidine [N-]	100-75-4	7.40E+00	2.60E+01	1.40E+05	5.80E+00				
2.10E+00	I	6.10E-04	I							1	0.1		1.36E+09		Nitrosopyrrolidine, N-	930-55-2	3.30E+01	1.20E+02	6.30E+05	2.60E+01				
				1.00E-04	X					1	0.1		1.36E+09		Nitrotoluene, m-	99-08-1					7.80E+00	3.30E+01		6.30E+00
2.20E-01	P			9.00E-04	P			V		1		1.51E+03	1.36E+09	1.37E+05	Nitrotoluene, o-	88-72-2	3.20E+02			3.20E+02	7.00E+01			7.00E+01
1.60E-02	P			4.00E-03	P					1	0.1		1.36E+09		Nitrotoluene, p-	99-99-0	4.30E+03	1.50E+04		3.40E+03	3.10E+02	1.30E+03		2.50E+02
				3.00E-04	X	2.00E-02	P	V		1		6.86E+00	1.36E+09	1.04E+03	Nonane, n-	111-84-2					2.30E+01		2.20E+01	1.10E+01
				4.00E-02	I					1	0.1		1.36E+09		Norflurazon	27314-13-2					3.10E+03	1.30E+04		2.50E+03
				7.00E-04	I					1	0.1		1.36E+09		Nustar	85509-19-9					5.50E+01	2.30E+02		4.40E+01
				3.00E-03	I					1	0.1		1.36E+09		Octabromodiphenyl Ether	32536-52-0					2.30E+02	9.90E+02		1.90E+02
				5.00E-02	I					1	0.006		1.36E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					3.90E+03	2.70E+05		3.90E+03
				2.00E-03	H					1	0.1		1.36E+09		Octamethylpyrophosphoramide	152-16-9					1.60E+02	6.60E+02		1.30E+02
				5.00E-02	I					1	0.1		1.36E+09		Oryzalin	19044-88-3					3.90E+03	1.60E+04		3.20E+03
				5.00E-03	I					1	0.1		1.36E+09		Oxadiazon	19666-30-9					3.90E+02	1.60E+03		3.20E+02
				2.50E-02	I					1	0.1		1.36E+09		Oxamyl	23135-22-0					2.00E+03	8.20E+03		1.60E+03
				1.30E-02	I					1	0.1		1.36E+09		Paclobutrazol	76738-62-0					1.00E+03	4.30E+03		8.20E+02
				4.50E-03	I					1	0.1		1.36E+09		Paraquat Dichloride	1910-42-5					3.50E+02	1.50E+03		2.80E+02
				6.00E-03	H					1	0.1		1.36E+09		Parathion	56-38-2					4.70E+02	2.00E+03		3.80E+02
				5.00E-02	H			V		1			1.36E+09	4.49E+04	Pebulate	1114-71-2					3.90E+03			3.90E+03
				4.00E-02	I					1	0.1		1.36E+09		Pendimethalin	40487-42-1					3.10E+03	1.30E+04		2.50E+03
				2.00E-03	I					1	0.1		1.36E+09		Pentabromodiphenyl Ether	32534-81-9					1.60E+02	6.60E+02		1.30E+02
				1.00E-04	I					1	0.1		1.36E+09		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					7.80E+00	3.30E+01		6.30E+00

RML, HQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
				8.00E-04	I			V		1			1.36E+09	8.12E+04	Pentachlorobenzene	608-93-5					6.30E+01			6.30E+01
9.00E-02	P							V		1		4.47E+02	1.36E+09	9.65E+03	Pentachloroethane	76-01-7	7.70E+02			7.70E+02				
2.60E-01	H			3.00E-03	I			V		1			1.36E+09	4.32E+05	Pentachloronitrobenzene	82-68-8	2.70E+02			2.70E+02	2.30E+02			2.30E+02
4.00E-01	I	5.10E-06	C	5.00E-03	I					1	0.25		1.36E+09		Pentachlorophenol	87-86-5	1.70E+02	2.50E+02	7.50E+07	1.00E+02	3.90E+02	6.60E+02		2.50E+02
4.00E-03	X			2.00E-03	P					1	0.1		1.36E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	1.70E+04	6.20E+04		1.40E+04	1.60E+02	6.60E+02		1.30E+02
						1.00E+00	P	V		1		3.88E+02	1.36E+09	7.79E+02	Pentane, n-	109-66-0							8.10E+02	8.10E+02
															Perchlorates									
				7.00E-04	I					1			1.36E+09		~Ammonium Perchlorate	7790-98-9					5.50E+01			5.50E+01
				7.00E-04	I					1			1.36E+09		~Lithium Perchlorate	7791-03-9					5.50E+01			5.50E+01
				7.00E-04	I					1			1.36E+09		~Perchlorate and Perchlorate Salts	14797-73-0					5.50E+01			5.50E+01
				7.00E-04	I					1			1.36E+09		~Potassium Perchlorate	7778-74-7					5.50E+01			5.50E+01
				7.00E-04	I					1			1.36E+09		~Sodium Perchlorate	7601-89-0					5.50E+01			5.50E+01
				2.00E-02	P			V		1			1.36E+09	1.32E+05	Perfluorobutane Sulfonate	375-73-5					1.60E+03			1.60E+03
				5.00E-02	I					1	0.1		1.36E+09		Permethrin	52645-53-1					3.90E+03	1.60E+04		3.20E+03
2.20E-03	C	6.30E-07	C							1	0.1		1.36E+09		Phenacetin	62-44-2	3.20E+04	1.10E+05	6.10E+08	2.50E+04				
				2.50E-01	I					1	0.1		1.36E+09		Phenmedipham	13684-63-4					2.00E+04	8.20E+04		1.60E+04
				3.00E-01	I	2.00E-01	C			1	0.1		1.36E+09		Phenol	108-95-2					2.30E+04	9.90E+04	2.80E+08	1.90E+04
				5.00E-04	X					1	0.1		1.36E+09		Phenothiazine	92-84-2					3.90E+01	1.60E+02		3.20E+01
				6.00E-03	I					1	0.1		1.36E+09		Phenylenediamine, m-	108-45-2					4.70E+02	2.00E+03		3.80E+02
4.70E-02	H									1	0.1		1.36E+09		Phenylenediamine, o-	95-54-5	1.50E+03	5.30E+03		1.20E+03				
				1.90E-01	H					1	0.1		1.36E+09		Phenylenediamine, p-	106-50-3					1.50E+04	6.30E+04		1.20E+04
1.90E-03	H									1	0.1		1.36E+09		Phenylphenol, 2-	90-43-7	3.60E+04	1.30E+05		2.80E+04				
				2.00E-04	H					1	0.1		1.36E+09		Phorate	298-02-2					1.60E+01	6.60E+01		1.30E+01
						3.00E-04	I	V		1		1.61E+03	1.36E+09	9.81E+02	Phosgene	75-44-5							3.10E-01	3.10E-01
				2.00E-02	I					1	0.1		1.36E+09		Phosmet	732-11-6					1.60E+03	6.60E+03		1.30E+03
															Phosphates, Inorganic									
				4.90E+01	P					1			1.36E+09		~Aluminum metaphosphate	13776-88-0					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Ammonium polyphosphate	68333-79-9					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Calcium pyrophosphate	7790-76-3					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Diammonium phosphate	7783-28-0					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Dicalcium phosphate	7757-93-9					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Dimagnesium phosphate	7782-75-4					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Dipotassium phosphate	7758-11-4					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Disodium phosphate	7558-79-4					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Monoaluminum phosphate	13530-50-2					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Monoammonium phosphate	7722-76-1					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Monocalcium phosphate	7758-23-8					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Monomagnesium phosphate	7757-86-0					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Monopotassium phosphate	7778-77-0					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Monosodium phosphate	7558-80-7					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Polyphosphoric acid	8017-16-1					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Potassium tripolyphosphate	13845-36-8					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium acid pyrophosphate	7758-16-9					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium aluminum phosphate (acidic)	7785-88-8					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium aluminum phosphate (anhydrous)	10279-59-1					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium hexametaphosphate	10124-56-8					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium polyphosphate	68915-31-1					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium trimetaphosphate	7785-84-4					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Sodium tripolyphosphate	7758-29-4					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Tetrapotassium phosphate	7320-34-5					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Tetrasodium pyrophosphate	7722-88-5					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Tricalcium phosphate	7758-87-4					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Trimagnesium phosphate	7757-87-1					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Tripotassium phosphate	7778-53-2					3.80E+06			3.80E+06
				4.90E+01	P					1			1.36E+09		~Trisodium phosphate	7601-54-9					3.80E+06			3.80E+06
				3.00E-04	I	3.00E-04	I	V		1			1.36E+09		Phosphine	7803-51-2					2.30E+01		4.30E+05	2.30E+01
				4.90E+01	P	1.00E-02	I			1			1.36E+09		Phosphoric Acid	7664-38-2					3.80E+06		1.40E+07	3.00E+06
				2.00E-05	I			V		1			1.36E+09	6.92E+03	Phosphorus, White	7723-14-0					1.60E+00			1.60E+00
															Phthalates									
1.40E-02	I	2.40E-06	C	2.00E-02	I					1	0.1		1.36E+09		~Bis(2-ethylhexyl)phthalate	117-81-7	5.00E+03	1.80E+04	1.60E+08	3.90E+03	1.60E+03	6.60E+03		1.30E+03
				1.00E+00	I					1	0.1		1.36E+09		~Butylphthalyl Butylglycolate	85-70-1					7.80E+04	3.30E+05		6.30E+04
				1.00E-01	I					1	0.1		1.36E+09		~Dibutyl Phthalate	84-74-2					7.80E+03	3.30E+04		6.30E+03
				8.00E-01	I					1	0.1		1.36E+09		~Diethyl Phthalate	84-66-2					6.30E+04	2.60E+05		5.10E+04
				1.00E-01	I			V		1			1.36E+09	2.13E+04	~Dimethylterephthalate	120-61-6					7.80E+03			7.80E+03
				1.00E-02	P					1	0.1		1.36E+09		~Octyl Phthalate, di-N-	117-84-0					7.80E+02	3.30E+03		6.30E+02
				1.00E+00	H					1	0.1		1.36E+09		~Phthalic Acid, P-	100-21-0					7.80E+04	3.30E+05		6.30E+04
				2.00E+00	I	2.00E-02	C			1	0.1		1.36E+09		~Phthalic Anhydride	85-44-9					1.60E+05	6.60E+05	2.80E+07	1.30E+05
				7.00E-02	I					1	0.1		1.36E+09		Picloram	1918-02-1					5.50E+03	2.30E+04		4.40E+03
				1.00E-04	X					1	0.1		1.36E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.80E+00	3.30E+01		6.30E+00
				1.00E-02	I					1	0.1		1.36E+09		Pirimiphos, Methyl	29232-93-7					7.80E+02	3.30E+03		6.30E+02
3.00E+01	C	8.60E-03	C	7.00E-06	H					1	0.1		1.36E+09		Polybrominated Biphenyls	59536-65-1	2.30E+00	8.20E+00	4.40E+04	1.80E+00	5.50E-01	2.30E+00		4.40E-01
															Polychlorinated Biphenyls (PCBs)									
7.00E-02	S	2.00E-05	S	7.00E-05	I			V		1	0.14		1.36E+09	5.86E+05	~Aroclor 1016	12674-11-2	9.90E+02	2.50E+03	8.20E+03	6.60E+02	5.50E+00	1.60E+01		4.10E+00

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	1.14E+05	~Aroclor 1221	11104-28-2	3.50E+01	8.80E+01	5.60E+01	1.70E+01				
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	1.12E+05	~Aroclor 1232	11141-16-5	3.50E+01	8.80E+01	5.50E+01	1.70E+01				
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	7.93E+05	~Aroclor 1242	53469-21-9	3.50E+01	8.80E+01	3.90E+02	2.30E+01				
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	5.14E+05	~Aroclor 1248	12672-29-6	3.50E+01	8.80E+01	2.50E+02	2.30E+01				
2.00E+00	S	5.70E-04	S	2.00E-05	I			V		1	0.14		1.36E+09	8.43E+05	~Aroclor 1254	11097-69-1	3.50E+01	8.80E+01	4.10E+02	2.40E+01	1.60E+00	4.70E+00		1.20E+00
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	1.31E+06	~Aroclor 1260	11096-82-5	3.50E+01	8.80E+01	6.50E+02	2.40E+01				
				6.00E-04	X			V		1	0.14		1.36E+09	7.16E+05	~Aroclor 5460	11126-42-4					4.70E+01	1.40E+02		3.50E+01
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	2.04E+06	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.80E+01	4.50E+01	5.00E+02	1.20E+01	1.80E+00	5.50E+00	2.80E+03	1.40E+00
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.43E+06	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.80E+01	4.50E+01	3.50E+02	1.20E+01	1.80E+00	5.50E+00	2.00E+03	1.40E+00
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.45E+06	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.80E+01	4.50E+01	3.60E+02	1.20E+01	1.80E+00	5.50E+00	2.00E+03	1.40E+00
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.54E+06	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.80E+01	4.50E+01	3.80E+02	1.20E+01	1.80E+00	5.50E+00	2.10E+03	1.40E+00
3.90E+03	E	1.10E+00	E	2.30E-08	E	1.30E-06	E	V		1	0.14		1.36E+09	1.43E+06	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.80E-02	4.50E-02	3.50E-01	1.20E-02	1.80E-03	5.50E-03	2.00E+00	1.40E-03
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.03E+06	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.80E+01	4.50E+01	2.50E+02	1.20E+01	1.80E+00	5.50E+00	1.40E+03	1.40E+00
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	8.29E+05	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.80E+01	4.50E+01	2.00E+02	1.20E+01	1.80E+00	5.50E+00	1.20E+03	1.40E+00
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	8.45E+05	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.80E+01	4.50E+01	2.10E+02	1.20E+01	1.80E+00	5.50E+00	1.20E+03	1.40E+00
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.03E+06	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.80E+01	4.50E+01	2.50E+02	1.20E+01	1.80E+00	5.50E+00	1.40E+03	1.40E+00
1.30E+04	E	3.80E+00	E	7.00E-09	E	4.00E-07	E	V		1	0.14		1.36E+09	1.02E+06	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	5.30E-03	1.40E-02	7.50E-02	3.70E-03	5.50E-04	1.60E-03	4.30E-01	4.10E-04
2.00E+00	I	5.70E-04	I					V		1	0.14		1.36E+09	7.85E+05	~Polychlorinated Biphenyls (high risk)	1336-36-3	3.50E+01	8.80E+01	3.90E+02	2.30E+01				
4.00E-01	I	1.00E-04	I					V		1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.00E-02	I	2.00E-05	I					V		1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.30E+01	E	3.80E-03	E	7.00E-06	E	4.00E-04	E			1	0.14		1.36E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	5.30E+00	1.40E+01	1.00E+05	3.80E+00	5.50E-01	1.60E+00	5.70E+05	4.10E-01
3.90E+01	E	1.10E-02	E	2.30E-06	E	1.30E-04	E	V		1	0.14		1.36E+09	7.25E+05	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.80E+00	4.50E+00	1.80E+01	1.20E+00	1.80E-01	5.50E-01	1.00E+02	1.40E-01
						6.00E-04	I			1	0.1		1.36E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.50E+05	8.50E+05
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.00E-02	I			V		1	0.13		1.36E+09	1.41E+05	~Acenaphthene	83-32-9					4.70E+03	1.50E+04		3.60E+03
				3.00E-01	I			V		1	0.13		1.36E+09	5.23E+05	~Anthracene	120-12-7					2.30E+04	7.60E+04		1.80E+04
7.30E-01	E	1.10E-04	C					V	M	1	0.13		1.36E+09	4.41E+06	~Benz[a]anthracene	56-55-3	2.10E+01	6.30E+01	4.10E+03	1.60E+01				
1.20E+00	C	1.10E-04	C							1	0.13		1.36E+09		~Benzo(j)fluoranthene	205-82-3	5.80E+01	1.60E+02	3.50E+06	4.20E+01				
7.30E+00	I	1.10E-03	C						M	1	0.13		1.36E+09		~Benzo[a]pyrene	50-32-8	2.10E+00	6.30E+00	1.30E+05	1.60E+00				
7.30E-01	E	1.10E-04	C						M	1	0.13		1.36E+09		~Benzo[b]fluoranthene	205-99-2	2.10E+01	6.30E+01	1.30E+06	1.60E+01				
7.30E-02	E	1.10E-04	C						M	1	0.13		1.36E+09		~Benzo[k]fluoranthene	207-08-9	2.10E+02	6.30E+02	1.30E+06	1.60E+02				
				8.00E-02	I			V		1	0.13		1.36E+09	7.99E+04	~Chloronaphthalene, Beta-	91-58-7					6.30E+03	2.00E+04		4.80E+03
7.30E-03	E	1.10E-05	C						M	1	0.13		1.36E+09		~Chrysene	218-01-9	2.10E+03	6.30E+03	1.30E+07	1.60E+03				
7.30E+00	E	1.20E-03	C						M	1	0.13		1.36E+09		~Dibenz[a,h]anthracene	53-70-3	2.10E+00	6.30E+00	1.10E+05	1.60E+00				
1.20E+01	C	1.10E-03	C							1	0.13		1.36E+09		~Dibenzo(a,e)pyrene	192-65-4	5.80E+00	1.60E+01	3.50E+05	4.20E+00				
2.50E+02	C	7.10E-02	C						M	1	0.13		1.36E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	6.10E-02	1.80E-01	1.90E+03	4.60E-02				
				4.00E-02	I					1	0.13		1.36E+09		~Fluoranthene	206-44-0					3.10E+03	1.00E+04		2.40E+03
				4.00E-02	I			V		1	0.13		1.36E+09	2.81E+05	~Fluorene	86-73-7					3.10E+03	1.00E+04		2.40E+03
7.30E-01	E	1.10E-04	C						M	1	0.13		1.36E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	2.10E+01	6.30E+01	1.30E+06	1.60E+01				
2.90E-02	P			7.00E-02	A			V		1	0.13		1.36E+09	5.86E+04	~Methylnaphthalene, 1-	90-12-0	2.40E+03	6.60E+03		1.80E+03	5.50E+03	1.80E+04		4.20E+03
				4.00E-03	I			V		1	0.13		1.36E+09	5.80E+04	~Methylnaphthalene, 2-	91-57-6					3.10E+02	1.00E+03		2.40E+02
		3.40E-05	C	2.00E-02	I	3.00E-03	I	V		1	0.13		1.36E+09	4.63E+04	~Naphthalene	91-20-3			3.80E+02	3.80E+02	1.60E+03	5.10E+03	1.40E+02	1.30E+02
1.20E+00	C	1.10E-04	C							1	0.13		1.36E+09		~Nitropyrene, 4-	57835-92-4	5.80E+01	1.60E+02	3.50E+06	4.20E+01				
				3.00E-02	I			V		1	0.13		1.36E+09	2.38E+06	~Pyrene	129-00-0					2.30E+03	7.60E+03		1.80E+03
				2.00E-02	P					1	0.1		1.36E+09		Potassium Perfluorobutane Sulfonate	29420-49-3					1.60E+03	6.60E+03		1.30E+03
1.50E-01	I			9.00E-03	I					1	0.1		1.36E+09		Prochloraz	67747-09-5	4.60E+02	1.60E+03		3.60E+02	7.00E+02	3.00E+03		5.70E+02
				6.00E-03	H			V		1			1.36E+09	4.20E+05	Profluralin	26399-36-0					4.70E+02			4.70E+02
				1.50E-02	I					1	0.1		1.36E+09		Prometon	1610-18-0					1.20E+03	4.90E+03		9.50E+02
				4.00E-03	I					1	0.1		1.36E+09		Prometryn	7287-19-6					3.10E+02	1.30E+03		2.50E+02
				1.30E-02	I					1	0.1		1.36E+09		Propachlor	1918-16-7					1.00E+03	4.30E+03		8.20E+02
				5.00E-03	I					1	0.1		1.36E+09		Propanil	709-98-8					3.90E+02	1.60E+03		3.20E+02
				2.00E-02	I					1	0.1		1.36E+09		Propargite	2312-35-8					1.60E+03	6.60E+03		1.30E+03
				2.00E-03	I			V		1		1.11E+05	1.36E+09	6.27E+04	Propargyl Alcohol	107-19-7					1.60E+02			1.60E+02
				2.00E-02	I					1	0.1		1.36E+09		Propazine	139-40-2					1.60E+03	6.60E+03		1.30E+03
				2.00E-02	I					1	0.1		1.36E+09		Propham	122-42-9					1.60E+03	6.60E+03		1.30E+03
				1.30E-02	I					1	0.1		1.36E+09		Propiconazole	60207-90-1					1.00E+03	4.30E+03		8.20E+02
						8.00E-03	I	V		1		3.26E+04	1.36E+09	8.94E+03	Propionaldehyde	123-38-6							7.50E+01	7.50E+01
				1.00E-01	X	1.00E+00	X	V		1		2.64E+02	1.36E+09	6.99E+03	Propyl benzene	103-65-1					7.80E+03		7.30E+03	3.80E+03
						3.00E+00	C	V		1		3.49E+02	1.36E+09	7.04E+02	Propylene	115-07-1							2.20E+03	2.20E+03
				2.00E+01	P					1	0.1		1.36E+09		Propylene Glycol	57-55-6					1.60E+06	6.60E+06		1.30E+06
						2.70E-04	A			1	0.1		1.36E+09		Propylene Glycol Dinitrate	6423-43-4							3.90E+05	3.90E+05
				7.00E-01	H			V		1		8.52E+04	1.36E+09	1.55E+05	Propylene Glycol Monoethyl Ether	1569-02-4					5.50E+04			5.50E+04
				7.00E-01	H	2.00E+00	I	V		1		1.06E+05	1.36E+09	7.83E+04	Propylene Glycol Monomethyl Ether	107-98-2					5.50E+04		1.60E+05	4.10E+04
2.40E-01	I	3.70E-06	I			3.00E-02	I	V		1		7.77E+04	1.36E+09	1.03E+04	Propylene Oxide	75-56-9	2.90E+02		7.80E+02	2.10E+02			3.20E+02	3.20E+02
				2.50E-01	I					1	0.1		1.36E+09		Pursuit	81335-77-5					2.00E+04	8.20E+04		1.60E+04
				2.50E-02	I					1	0.1		1.36E+09		Pydrin	51630-58-1					2.00E+03	8.20E+03		1.60E+03
				1.00E-03	I			V		1		5.30E+05	1.36E+09	5.54E+04	Pyridine	110-86-1					7.80E+01			7.80E+01
				5.00E-04	I					1	0.1		1.36E+09		Quinalphos	13593-03-8					3.90E+01	1.60E+02		3.20E+01
3.00E+00	I									1	0.1		1.36E+09		Quinoline	91-22-5	2.30E+01	8.20E+01		1.80E+01				
						3.00E-02	A			1			1.36E+09		Refractory Ceramic Fibers	NA							4.30E+07	4.30E+07
				3.00E-02	I					1	0.1		1.36E+09		Resmethrin	10453-86-8					2.30E+03	9.90E+03		1.90E+03
				5.00E-02	H			V		1			1.36E+09	4.65E+05	Ronnel	299-84-3					3.90E+03			3.90E+03
				4.00E-03	I					1	0.1		1.36E+09		Rotenone	83-79-4					3.10E+02	1.30E+03		2.50E+02
2.20E-01	C	6.30E-05	C						M	1	0.1		1.36E+09		Safrole	94-59-7	7.00E+01	2.70E+02	2.20E+06	5.50E+01				
				2.50E-02	I					1	0.1		1.36E+09		Savey	78587-05-0					2.00E+03	8.20E+03		1.60E+03

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
				5.00E-03	I					1			1.36E+09		Selenious Acid	7783-00-8					3.90E+02			3.90E+02
				5.00E-03	I	2.00E-02	C			1			1.36E+09		Selenium	7782-49-2					3.90E+02		2.80E+07	3.90E+02
				5.00E-03	C	2.00E-02	C			1			1.36E+09		Selenium Sulfide	7446-34-6					3.90E+02		2.80E+07	3.90E+02
				9.00E-02	I					1	0.1		1.36E+09		Sethoxydim	74051-80-2					7.00E+03	3.00E+04		5.70E+03
						3.00E-03	C			1			1.36E+09		Silica (crystalline, respirable)	7631-86-9							4.30E+06	4.30E+06
				5.00E-03	I					0.04			1.36E+09		Silver	7440-22-4					3.90E+02			3.90E+02
1.20E-01	H			5.00E-03	I					1	0.1		1.36E+09		Simazine	122-34-9	5.80E+02	2.10E+03		4.50E+02	3.90E+02	1.60E+03		3.20E+02
				1.30E-02	I					1	0.1		1.36E+09		Sodium Acifluorfen	62476-59-9					1.00E+03	4.30E+03		8.20E+02
				4.00E-03	I					1			1.36E+09		Sodium Azide	26628-22-8					3.10E+02			3.10E+02
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Sodium Dichromate	10588-01-9	3.10E+01		9.20E+02	3.00E+01	1.60E+03		2.80E+05	1.60E+03
2.70E-01	H			3.00E-02	I					1	0.1		1.36E+09		Sodium Diethyldithiocarbamate	148-18-5	2.60E+02	9.20E+02		2.00E+02	2.30E+03	9.90E+03		1.90E+03
				5.00E-02	A	1.30E-02	C			1			1.36E+09		Sodium Fluoride	7681-49-4					3.90E+03		1.80E+07	3.90E+03
				2.00E-05	I					1	0.1		1.36E+09		Sodium Fluoroacetate	62-74-8					1.60E+00	6.60E+00		1.30E+00
				1.00E-03	H					1			1.36E+09		Sodium Metavanadate	13718-26-8					7.80E+01			7.80E+01
2.40E-02	H			3.00E-02	I					1	0.1		1.36E+09		Stirofos (Tetrachlorovinphos)	961-11-5	2.90E+03	1.00E+04		2.30E+03	2.30E+03	9.90E+03		1.90E+03
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Strontium Chromate	7789-06-2	3.10E+01		9.20E+02	3.00E+01	1.60E+03		2.80E+05	1.60E+03
				6.00E-01	I					1			1.36E+09		Strontium, Stable	7440-24-6					4.70E+04			4.70E+04
				3.00E-04	I					1	0.1		1.36E+09		Strychnine	57-24-9					2.30E+01	9.90E+01		1.90E+01
				2.00E-01	I	1.00E+00	I	V		1		8.67E+02	1.36E+09	9.35E+03	Styrene	100-42-5					1.60E+04		9.70E+03	6.00E+03
				3.00E-03	P					1	0.1		1.36E+09		Styrene-Acrylonitrile (SAN) Trimer	NA					2.30E+02	9.90E+02		1.90E+02
				1.00E-03	P	2.00E-03	X			1	0.1		1.36E+09		Sulfolane	126-33-0					7.80E+01	3.30E+02	2.80E+06	6.30E+01
				8.00E-04	P					1	0.1		1.36E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.30E+01	2.60E+02		5.10E+01
						1.00E-03	C	V		1			1.36E+09		Sulfur Trioxide	7446-11-9							1.40E+06	1.40E+06
						1.00E-03	C			1			1.36E+09		Sulfuric Acid	7664-93-9							1.40E+06	1.40E+06
				2.50E-02	I					1	0.1		1.36E+09		Systhane	88671-89-0					2.00E+03	8.20E+03		1.60E+03
				3.00E-02	H					1	0.1		1.36E+09		TCMTB	21564-17-0					2.30E+03	9.90E+03		1.90E+03
				7.00E-02	I					1	0.1		1.36E+09		Tebuthiuron	34014-18-1					5.50E+03	2.30E+04		4.40E+03
				2.00E-02	H					1	0.1		1.36E+09		Temephos	3383-96-8					1.60E+03	6.60E+03		1.30E+03
				1.30E-02	I					1	0.1		1.36E+09		Terbacil	5902-51-2					1.00E+03	4.30E+03		8.20E+02
				2.50E-05	H			V		1		3.09E+01	1.36E+09	2.64E+05	Terbufos	13071-79-9					2.00E+00			2.00E+00
				1.00E-03	I					1	0.1		1.36E+09		Terbutryn	886-50-0					7.80E+01	3.30E+02		6.30E+01
				1.00E-04	I					1	0.1		1.36E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					7.80E+00	3.30E+01		6.30E+00
				3.00E-04	I			V		1			1.36E+09	5.07E+04	Tetrachlorobenzene, 1,2,4,5-	95-94-3					2.30E+01			2.30E+01
2.60E-02	I	7.40E-06	I	3.00E-02	I			V		1		6.80E+02	1.36E+09	5.68E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	2.70E+03		2.20E+02	2.00E+02	2.30E+03			2.30E+03
2.00E-01	I	5.80E-05	C	2.00E-02	I			V		1		1.90E+03	1.36E+09	1.51E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	3.50E+02		7.30E+01	6.00E+01	1.60E+03			1.60E+03
2.10E-03	I	2.60E-07	I	6.00E-03	I	4.00E-02	I	V		1		1.66E+02	1.36E+09	2.35E+03	Tetrachloroethylene	127-18-4	3.30E+04		2.50E+03	2.40E+03	4.70E+02		9.80E+01	8.10E+01
				3.00E-02	I					1	0.1		1.36E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					2.30E+03	9.90E+03		1.90E+03
2.00E+01	H							V		1			1.36E+09	1.05E+05	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.50E+00			3.50E+00				
				5.00E-04	I					1	0.1		1.36E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					3.90E+01	1.60E+02		3.20E+01
						8.00E+01	I	V		1		1.09E+03	1.36E+09	1.22E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.00E+05	1.00E+05
				2.00E-03	P					1	0.0007		1.36E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					1.60E+02	1.00E+05		1.60E+02
				7.00E-06	X					1			1.36E+09		Thallium (I) Nitrate	10102-45-1					5.50E-01			5.50E-01
				1.00E-05	X					1			1.36E+09		Thallium (Soluble Salts)	7440-28-0					7.80E-01			7.80E-01
				6.00E-06	X			V		1	0.1		1.36E+09		Thallium Acetate	563-68-8					4.70E-01	2.00E+00		3.80E-01
				2.00E-05	X					1	0.1		1.36E+09		Thallium Carbonate	6533-73-9					1.60E+00	6.60E+00		1.30E+00
				6.00E-06	X					1			1.36E+09		Thallium Chloride	7791-12-0					4.70E-01			4.70E-01
				2.00E-05	X					1			1.36E+09		Thallium Sulfate	7446-18-6					1.60E+00			1.60E+00
				1.00E-02	I					1	0.1		1.36E+09		Thiobencarb	28249-77-6					7.80E+02	3.30E+03		6.30E+02
				7.00E-02	X					1	0.0075		1.36E+09		Thiodiglycol	111-48-8					5.50E+03	3.10E+05		5.40E+03
				3.00E-04	H					1	0.1		1.36E+09		Thiofanox	39196-18-4					2.30E+01	9.90E+01		1.90E+01
				8.00E-02	I					1	0.1		1.36E+09		Thiophanate, Methyl	23564-05-8					6.30E+03	2.60E+04		5.10E+03
				5.00E-03	I					1	0.1		1.36E+09		Thiram	137-26-8					3.90E+02	1.60E+03		3.20E+02
				6.00E-01	H					1			1.36E+09		Tin	7440-31-5					4.70E+04			4.70E+04
						1.00E-04	A	V		1			1.36E+09		Titanium Tetrachloride	7550-45-0							1.40E+05	1.40E+05
				8.00E-02	I	5.00E+00	I	V		1		8.18E+02	1.36E+09	4.29E+03	Toluene	108-88-3					6.30E+03		2.20E+04	4.90E+03
1.80E-01	X			2.00E-04	X					1	0.1		1.36E+09		Toluene-2,5-diamine	95-70-5	3.90E+02	1.40E+03		3.00E+02	1.60E+01	6.60E+01		1.30E+01
3.00E-02	P			4.00E-03	X					1	0.1		1.36E+09		Toluidine, p-	106-49-0	2.30E+03	8.20E+03		1.80E+03	3.10E+02	1.30E+03		2.50E+02
				3.00E+00	P			V		1		3.42E-01	1.36E+09	1.06E+03	Total Petroleum Hydrocarbons (Aliphatic High)	NA					2.30E+05			2.30E+05
						6.00E-01	P	V		1		1.41E+02	1.36E+09	8.29E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							5.20E+02	5.20E+02
				1.00E-02	X	1.00E-01	P	V		1		6.86E+00	1.36E+09	1.04E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					7.80E+02		1.10E+02	9.60E+01
				4.00E-02	P					1	0.1		1.36E+09		Total Petroleum Hydrocarbons (Aromatic High)	NA					3.10E+03	1.30E+04		2.50E+03
				4.00E-03	P	3.00E-02	P	V		1		1.82E+03	1.36E+09	3.54E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA					3.10E+02		1.10E+02	8.20E+01
				4.00E-03	P	3.00E-03	P	V		1			1.36E+09	5.24E+04	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					3.10E+02		1.60E+02	1.10E+02
1.10E+00	I	3.20E-04	I							1	0.1		1.36E+09		Toxaphene	8001-35-2	6.30E+01	2.20E+02	1.20E+06	4.90E+01				
				7.50E-03	I					1	0.1		1.36E+09		Tralomethrin	66841-25-6					5.90E+02	2.50E+03		4.70E+02
				3.00E-04	A			V		1			1.36E+09	3.36E+03	Tri-n-butyltin	688-73-3					2.30E+01			2.30E+01
				8.00E+01	X					1	0.1		1.36E+09		Triacetin	102-76-1					6.30E+06	2.60E+07		5.10E+06
				1.30E-02	I			V		1			1.36E+09	3.62E+05	Triallate	2303-17-5					1.00E+03			1.00E+03
				1.00E-02	I					1	0.1		1.36E+09		Triasulfuron	82097-50-5					7.80E+02	3.30E+03		6.30E+02
				5.00E-03	I			V		1			1.36E+09	4.53E+04	Tribromobenzene, 1,2,4-	615-54-3					3.90E+02			3.90E+02
9.00E-03	P			1.00E-02	P					1	0.1		1.36E+09		Tributyl Phosphate	126-73-8	7.70E+03	2.70E+04		6.00E+03	7.80E+02	3.30E+03		6.30E+02
				3.00E-04	P					1	0.1		1.36E+09		Tributyltin Compounds	NA					2.30E+01	9.90E+01		1.90E+01
				3.00E-04	I					1	0.1		1.36E+09		Tributyltin Oxide	56-35-9					2.30E+01	9.90E+01		1.90E+01
				3.00E+01	I	3.00E+01	H	V		1		9.10E+02	1.36E+09	1.29E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.30E+06		4.00E+04	4.00E+04
7.00E-02	I			2.00E-02	I					1	0.1		1.36E+09		Trichloroacetic Acid	76-03-9	9.90E+02	3.50E+03		7.80E+02	1.60E+03	6.60E+03		1.30E+03

RML, HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer Child 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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)	Noncarcinogenic SL Child HI=1 (mg/kg)
2.90E-02	H									1	0.1		1.36E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	2.40E+03	8.50E+03		1.90E+03				
7.00E-03	X			3.00E-05	X					1	0.1		1.36E+09		Trichloroaniline, 2,4,6-	634-93-5	9.90E+03	3.50E+04		7.80E+03	2.30E+00	9.90E+00		1.90E+00
				8.00E-04	X			V		1			1.36E+09	3.22E+04	Trichlorobenzene, 1,2,3-	87-61-6					6.30E+01			6.30E+01
2.90E-02	P			1.00E-02	I	2.00E-03	P	V		1		4.04E+02	1.36E+09	2.99E+04	Trichlorobenzene, 1,2,4-	120-82-1	2.40E+03			2.40E+03	7.80E+02		6.20E+01	5.80E+01
				2.00E+00	I	5.00E+00	I	V		1		6.40E+02	1.36E+09	1.65E+03	Trichloroethane, 1,1,1-	71-55-6					1.60E+05		8.60E+03	8.10E+03
5.70E-02	I	1.60E-05	I	4.00E-03	I	2.00E-04	X	V		1		2.16E+03	1.36E+09	7.22E+03	Trichloroethane, 1,1,2-	79-00-5	1.20E+03		1.30E+02	1.10E+02	3.10E+02		1.50E+00	1.50E+00
4.60E-02	I	4.10E-06	I	5.00E-04	I	2.00E-03	I	V	M	1		6.92E+02	1.36E+09	2.21E+03	Trichloroethylene	79-01-6	8.80E+02		1.10E+02	9.40E+01	3.90E+01		4.60E+00	4.10E+00
				3.00E-01	I	7.00E-01	H	V		1		1.23E+03	1.36E+09	1.04E+03	Trichlorofluoromethane	75-69-4					2.30E+04		7.60E+02	7.30E+02
				1.00E-01	I					1	0.1		1.36E+09		Trichlorophenol, 2,4,5-	95-95-4					7.80E+03	3.30E+04		6.30E+03
1.10E-02	I	3.10E-06	I	1.00E-03	P					1	0.1		1.36E+09		Trichlorophenol, 2,4,6-	88-06-2	6.30E+03	2.20E+04	1.20E+08	4.90E+03	7.80E+01	3.30E+02		6.30E+01
				1.00E-02	I					1	0.1		1.36E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					7.80E+02	3.30E+03		6.30E+02
				8.00E-03	I					1	0.1		1.36E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.30E+02	2.60E+03		5.10E+02
				5.00E-03	I			V		1		1.28E+03	1.36E+09	1.50E+04	Trichloropropane, 1,1,2-	598-77-6					3.90E+02			3.90E+02
3.00E+01	I			4.00E-03	I	3.00E-04	I	V	M	1		1.40E+03	1.36E+09	1.57E+04	Trichloropropane, 1,2,3-	96-18-4	5.10E-01			5.10E-01	3.10E+02		4.90E+00	4.80E+00
				3.00E-03	X	3.00E-04	P	V		1		4.51E+02	1.36E+09	2.34E+03	Trichloropropene, 1,2,3-	96-19-5					2.30E+02		7.30E-01	7.30E-01
				2.00E-02	A					1	0.1		1.36E+09		Tricresyl Phosphate (TCP)	1330-78-5					1.60E+03	6.60E+03		1.30E+03
				3.00E-03	I					1	0.1		1.36E+09		Tridiphane	58138-08-2					2.30E+02	9.90E+02		1.90E+02
						7.00E-03	I	V		1		2.79E+04	1.36E+09	1.58E+04	Triethylamine	121-44-8							1.20E+02	1.20E+02
				2.00E+00	P					1	0.1		1.36E+09		Triethylene Glycol	112-27-6					1.60E+05	6.60E+05		1.30E+05
7.70E-03	I			7.50E-03	I			V		1			1.36E+09	5.13E+05	Trifluralin	1582-09-8	9.00E+03			9.00E+03	5.90E+02			5.90E+02
2.00E-02	P			1.00E-02	P					1	0.1		1.36E+09		Trimethyl Phosphate	512-56-1	3.50E+03	1.20E+04		2.70E+03	7.80E+02	3.30E+03		6.30E+02
						5.00E-03	P	V		1		2.93E+02	1.36E+09	9.44E+03	Trimethylbenzene, 1,2,3-	526-73-8							4.90E+01	4.90E+01
						7.00E-03	P	V		1		2.19E+02	1.36E+09	7.91E+03	Trimethylbenzene, 1,2,4-	95-63-6							5.80E+01	5.80E+01
				1.00E-02	X			V		1		1.82E+02	1.36E+09	6.61E+03	Trimethylbenzene, 1,3,5-	108-67-8					7.80E+02			7.80E+02
				3.00E-02	I					1	0.019		1.36E+09		Trinitrobenzene, 1,3,5-	99-35-4					2.30E+03	5.20E+04		2.20E+03
3.00E-02	I			5.00E-04	I					1	0.032		1.36E+09		Trinitrotoluene, 2,4,6-	118-96-7	2.30E+03	2.60E+04		2.10E+03	3.90E+01	5.20E+02		3.60E+01
				2.00E-02	P					1	0.1		1.36E+09		Triphenylphosphine Oxide	791-28-6					1.60E+03	6.60E+03		1.30E+03
				2.00E-02	A					1	0.1		1.36E+09		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.60E+03	6.60E+03		1.30E+03
				1.00E-02	X					1	0.1		1.36E+09		Tris(1-chloro-2-propyl)phosphate	13674-84-5					7.80E+02	3.30E+03		6.30E+02
2.30E+00	C	6.60E-04	C					V		1		4.67E+02	1.36E+09	9.03E+05	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.00E+01		3.80E+02	2.80E+01				
2.00E-02	P			7.00E-03	P					1	0.1		1.36E+09		Tris(2-chloroethyl)phosphate	115-96-8	3.50E+03	1.20E+04		2.70E+03	5.50E+02	2.30E+03		4.40E+02
3.20E-03	P			1.00E-01	P					1	0.1		1.36E+09		Tris(2-ethylhexyl)phosphate	78-42-2	2.20E+04	7.70E+04		1.70E+04	7.80E+03	3.30E+04		6.30E+03
				3.00E-03	I	4.00E-05	A			1			1.36E+09		Uranium (Soluble Salts)	NA					2.30E+02		5.70E+04	2.30E+02
1.00E+00	C	2.90E-04	C						M	1	0.1		1.36E+09		Urethane	51-79-6	1.50E+01	6.00E+01	4.80E+05	1.20E+01				
		8.30E-03	P	9.00E-03	I	7.00E-06	P			0.026			1.36E+09		Vanadium Pentoxide	1314-62-1			4.60E+04	4.60E+04	7.00E+02		9.90E+03	6.60E+02
				5.00E-03	S	1.00E-04	A			0.026			1.36E+09		Vanadium and Compounds	7440-62-2					3.90E+02		1.40E+05	3.90E+02
				1.00E-03	I			V		1			1.36E+09	1.23E+05	Vernolate	1929-77-7					7.80E+01			7.80E+01
				2.50E-02	I					1	0.1		1.36E+09		Vinclozolin	50471-44-8					2.00E+03	8.20E+03		1.60E+03
				1.00E+00	H	2.00E-01	I	V		1		2.75E+03	1.36E+09	4.40E+03	Vinyl Acetate	108-05-4					7.80E+04		9.20E+02	9.10E+02
		3.20E-05	H			3.00E-03	I	V		1		3.37E+03	1.36E+09	1.37E+03	Vinyl Bromide	593-60-2			1.20E+01	1.20E+01			4.30E+00	4.30E+00
7.20E-01	I	4.40E-06	I	3.00E-03	I	1.00E-01	I	V	M	1		3.92E+03	1.36E+09	9.56E+02	Vinyl Chloride	75-01-4	9.40E+00		1.60E+01	5.90E+00	2.30E+02		1.00E+02	7.00E+01
				3.00E-04	I					1	0.1		1.36E+09		Warfarin	81-81-2					2.30E+01	9.90E+01		1.90E+01
				2.00E-01	S	1.00E-01	S	V		1		3.90E+02	1.36E+09	5.58E+03	Xylene, P-	106-42-3					1.60E+04		5.80E+02	5.60E+02
				2.00E-01	S	1.00E-01	S	V		1		3.88E+02	1.36E+09	5.47E+03	Xylene, m-	108-38-3					1.60E+04		5.70E+02	5.50E+02
				2.00E-01	S	1.00E-01	S	V		1		4.34E+02	1.36E+09	6.46E+03	Xylene, o-	95-47-6					1.60E+04		6.70E+02	6.50E+02
				2.00E-01	I	1.00E-01	I	V		1		2.58E+02	1.36E+09	6.48E+03	Xylenes	1330-20-7					1.60E+04		6.80E+02	6.50E+02
				3.00E-04	I					1			1.36E+09		Zinc Phosphide	1314-84-7					2.30E+01			2.30E+01
				3.00E-01	I					1			1.36E+09		Zinc and Compounds	7440-66-6					2.30E+04			2.30E+04
				5.00E-02	I					1	0.1		1.36E+09		Zineb	12122-67-7					3.90E+03	1.60E+04		3.20E+03
				8.00E-05	X					1			1.36E+09		Zirconium	7440-67-7					6.30E+00			6.30E+00

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
1.80E-02	C	5.10E-06	C	1.50E-01	I					1	-1.5	1	Yes	ALAR	1596-84-5	4.30E+02	1.30E+06		4.30E+02	3.00E+03	1.00E+07		3.00E+03	
8.70E-03	I			4.00E-03	I					1	-0.85	1	Yes	Acephate	30560-19-1	9.00E+02	1.10E+06		8.90E+02	8.00E+01	1.10E+05		8.00E+01	
		2.20E-06	I			9.00E-03	I	V		1	-0.34	1	Yes	Acetaldehyde	75-07-0			2.60E+02	2.60E+02			1.90E+01	1.90E+01	
				2.00E-02	I					1	3.03	0.9	Yes	Acetochlor	34256-82-1					4.00E+02	2.90E+03		3.50E+02	
				9.00E-01	I	3.10E+01	A	V		1	-0.24	1	Yes	Acetone	67-64-1					1.80E+04	4.40E+06	6.40E+04	1.40E+04	
						2.00E-03	X	V		1	-0.03	1	Yes	Acetone Cyanohydrin	75-86-5							4.20E+00	4.20E+00	
						6.00E-02	I	V		1	-0.34	1	Yes	Acetonitrile	75-05-8							1.30E+02	1.30E+02	
				1.00E-01	I			V		1	1.58	1	Yes	Acetophenone	98-86-2					2.00E+03	4.60E+04		1.90E+03	
3.80E+00	C	1.30E-03	C							1	3.12	1	Yes	Acetylaminofluorene, 2-	53-96-3	2.10E+00	6.40E+00		1.60E+00					
				5.00E-04	I	2.00E-05	I	V		1	-0.01	1	Yes	Acrolein	107-02-8					1.00E+01	1.70E+03	4.20E-02	4.20E-02	
5.00E-01	I	1.00E-04	I	2.00E-03	I	6.00E-03	I		M	1	-0.67	1	Yes	Acrylamide	79-06-1	5.00E+00	2.30E+03		5.00E+00	4.00E+01	2.10E+04		4.00E+01	
				5.00E-01	I	1.00E-03	I	V		1	0.35	1	Yes	Acrylic Acid	79-10-7					1.00E+04	1.10E+06	2.10E+00	2.10E+00	
5.40E-01	I	6.80E-05	I	4.00E-02	A	2.00E-03	I	V		1	0.25	1	Yes	Acrylonitrile	107-13-1	1.40E+01	1.40E+03	8.30E+00	5.20E+00	8.00E+02	8.80E+04	4.20E+00	4.10E+00	
						6.00E-03	P			1	-0.32	1	Yes	Adiponitrile	111-69-3									
5.60E-02	C			1.00E-02	I					1	3.52	0.9	Yes	Alachlor	15972-60-8	1.40E+02	4.20E+02		1.00E+02	2.00E+02	6.90E+02		1.60E+02	2.00E+00
				1.00E-03	I					1	1.13	1	Yes	Aldicarb	116-06-3					2.00E+01	1.40E+03		2.00E+01	3.00E+00
				1.00E-03	I					1	-0.57	1	Yes	Aldicarb Sulfone	1646-88-4					2.00E+01	2.40E+04		2.00E+01	2.00E+00
										1	-0.78	1	Yes	Aldicarb sulfoxide	1646-87-3									4.00E+00
1.70E+01	I	4.90E-03	I	3.00E-05	I			V		1	6.5	1	No	Aldrin	309-00-2	4.60E-01		1.10E-01	9.20E-02	6.00E-01			6.00E-01	
				2.50E-01	I					1	2.2	1	Yes	Ally	74223-64-6					5.00E+03	2.40E+05		4.90E+03	
				5.00E-03	I	1.00E-04	X	V		1	0.17	1	Yes	Allyl Alcohol	107-18-6					1.00E+02	1.30E+04	2.10E-01	2.10E-01	
2.10E-02	C	6.00E-06	C			1.00E-03	I	V		1	1.93	1	Yes	Allyl Chloride	107-05-1	3.70E+02	3.30E+03	9.40E+01	7.30E+01			2.10E+00	2.10E+00	
				1.00E+00	P	5.00E-03	P			1		1	Yes	Aluminum	7429-90-5					2.00E+04	4.50E+06		2.00E+04	
				4.00E-04	I					1		1	Yes	Aluminum Phosphide	20859-73-8					8.00E+00	1.80E+03		8.00E+00	
				3.00E-04	I					1	2.31	1	Yes	Amdro	67485-29-4					6.00E+00	5.10E+02		5.90E+00	
				9.00E-03	I					1	2.98	1	Yes	Ametryn	834-12-8					1.80E+02	9.70E+02		1.50E+02	
2.10E+01	C	6.00E-03	C							1	2.86	1	Yes	Aminobiphenyl, 4-	92-67-1	3.70E-01	1.50E+00		3.00E-01					
				8.00E-02	P					1	0.21	1	Yes	Aminophenol, m-	591-27-5					1.60E+03	2.80E+05		1.60E+03	
				2.00E-02	P					1	0.04	1	Yes	Aminophenol, p-	123-30-8					4.00E+02	9.10E+04		4.00E+02	
				2.50E-03	I					1	5.5	0.9	Yes	Amitraz	33089-61-1					5.00E+01	9.70E+00		8.20E+00	
						1.00E-01	I	V		1	0.23	1		Ammonia	7664-41-7									
				2.00E-01	I					1		1	Yes	Ammonium Sulfamate	7773-06-0					4.00E+03	9.10E+05		4.00E+03	
						3.00E-03	X	V		1	0.89	1	Yes	Amyl Alcohol, tert-	75-85-4							6.30E+00	6.30E+00	
5.70E-03	I	1.60E-06	C	7.00E-03	P	1.00E-03	I			1	0.9	1	Yes	Aniline	62-53-3	1.40E+03	6.60E+04		1.30E+03	1.40E+02	7.70E+03		1.40E+02	
4.00E-02	P			2.00E-03	X					1	3.39	0.9	Yes	Anthraquinone, 9,10-	84-65-1	1.90E+02	4.90E+02		1.40E+02	4.00E+01	1.10E+02		3.00E+01	
				4.00E-04	I					0.15		1	Yes	Antimony (metallic)	7440-36-0					8.00E+00	2.70E+02		7.80E+00	6.00E+00
				5.00E-04	H					0.15		1	Yes	Antimony Pentoxide	1314-60-9					1.00E+01	3.40E+02		9.70E+00	
				9.00E-04	H					0.15	-7.28	1	No	Antimony Potassium Tartrate	11071-15-1					1.80E+01			1.80E+01	
				4.00E-04	H					0.15		1	Yes	Antimony Tetroxide	1332-81-6					8.00E+00	2.70E+02		7.80E+00	
						2.00E-04	I			0.15		1	Yes	Antimony Trioxide	1309-64-4									
				1.30E-02	I					1	3.1	0.9	Yes	Apollo	74115-24-5					2.60E+02	2.10E+03		2.30E+02	
2.50E-02	I	7.10E-06	I	5.00E-02	H					1	4.82	0.8	Yes	Aramite	140-57-8	3.10E+02	2.30E+02		1.30E+02	1.00E+03	8.20E+02		4.50E+02	
1.50E+00	I	4.30E-03	I	3.00E-04	I	1.50E-05	C			1		1	Yes	Arsenic, Inorganic	7440-38-2	5.20E+00	9.30E+02		5.20E+00	6.00E+00	1.40E+03		6.00E+00	1.00E+01
				3.50E-06	C	5.00E-05	I			1		1	Yes	Arsine	7784-42-1					7.00E-02	1.60E+01		7.00E-02	
				9.00E-03	I					1	4.28	0.9	Yes	Assure	76578-14-8					1.80E+02	3.80E+02		1.20E+02	
				5.00E-02	I					1	-0.27	1	Yes	Asulam	3337-71-1					1.00E+03	8.00E+05		1.00E+03	
2.30E-01	C			3.50E-02	I					1	2.61	1	Yes	Atrazine	1912-24-9	3.40E+01	2.60E+02		3.00E+01	7.00E+02	6.20E+03		6.30E+02	3.00E+00
8.80E-01	C	2.50E-04	C							1	2.98	0.9	Yes	Auramine	492-80-8	8.90E+00	2.60E+01		6.60E+00					
				4.00E-04	I					1	4.48	1	No	Avermectin B1	65195-55-3					8.00E+00			8.00E+00	
1.10E-01	I	3.10E-05	I					V		1	3.82	1	Yes	Azobenzene	103-33-3	7.10E+01	7.00E+01	1.80E+01	1.20E+01					
				1.00E+00	P	7.00E-06	P			1	-1.7	1	Yes	Azodicarbonamide	123-77-3					2.00E+04	6.80E+07		2.00E+04	
				2.00E-01	I	5.00E-04	H			0.07		1	Yes	Barium	7440-39-3					4.00E+03	6.40E+04		3.80E+03	2.00E+03
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025		1	Yes	Barium Chromate	10294-40-3	5.00E+00	2.30E+01		4.10E+00	4.00E+02	2.30E+03		3.40E+02	
				4.00E-03	I					1	1.52	1	Yes	Baygon	114-26-1					8.00E+01	3.60E+03		7.80E+01	
				3.00E-02	I					1	2.77	1	Yes	Bayleton	43121-43-3					6.00E+02	6.90E+03		5.50E+02	
				2.50E-02	I					1	5.95	0.7	Yes	Baythroid	68359-37-5					5.00E+02	1.60E+02		1.20E+02	
				3.00E-01	I			V		1	5.29	0.8	Yes	Benefin	1861-40-1					6.00E+03	2.40E+03		1.70E+03	
				5.00E-02	I					1	2.12	1	Yes	Benomyl	17804-35-2					1.00E+03	3.00E+04		9.70E+02	
				3.00E-02	I					1	2.34	1	Yes	Bentazon	25057-89-0					6.00E+02	9.40E+03		5.70E+02	
				1.00E-01	I			V		1	1.48	1	Yes	Benzaldehyde	100-52-7					2.00E+03	4.90E+04		1.90E+03	
5.50E-02	I	7.80E-06	I	4.00E-03	I	3.00E-02	I	V		1	2.13	1	Yes	Benzene	71-43-2	1.40E+02	9.40E+02	7.20E+01	4.50E+01	8.00E+01	6.00E+02	6.30E+01	3.30E+01	5.00E+00
1.00E-01	X			3.00E-04	X					1	-3.727	1	No	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.80E+01			7.80E+01	6.00E+00			6.00E+00	
				1.00E-03	P			V		1	2.52	1	Yes	Benzenethiol	108-98-5					2.00E+01	1.00E+02		1.70E+01	
2.30E+02	I	6.70E-02	I	3.00E-03	I				M	1	1.34	1	Yes	Benzidine	92-87-5	1.10E-02	4.80E-01		1.10E-02	6.00E+01	3.00E+03		5.90E+01	

RML HQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				4.00E+00	I					1	1.87	1	Yes	Benzoic Acid	65-85-0					8.00E+04	1.20E+06		7.50E+04	
1.30E+01	I							V		1	3.9	1	Yes	Benzotrichloride	98-07-7	6.00E-01	5.70E-01		2.90E-01					
				1.00E-01	P					1	1.1	1	Yes	Benzyl Alcohol	100-51-6					2.00E+03	8.90E+04		2.00E+03	
1.70E-01	I	4.90E-05	C	2.00E-03	P	1.00E-03	P	V		1	2.3	1	Yes	Benzyl Chloride	100-44-7	4.60E+01	3.20E+02	1.10E+01	8.90E+00	4.00E+01	3.20E+02	2.10E+00	2.00E+00	
		2.40E-03	I	2.00E-03	I	2.00E-05	I			0.007		1	Yes	Beryllium and compounds	7440-41-7					4.00E+01	6.40E+01		2.50E+01	4.00E+00
				1.00E-04	I					1	0	1	Yes	Bidrin	141-66-2					2.00E+00	1.10E+03		2.00E+00	
				9.00E-03	P					1	4.48	0.9	Yes	Bifenox	42576-02-3					1.80E+02	2.30E+02		1.00E+02	
				1.50E-02	I					1	8.15	0	No	Biphenthrin	82657-04-3					3.00E+02			3.00E+02	
8.00E-03	I			5.00E-01	I	4.00E-04	X	V		1	4.01	1	Yes	Biphenyl, 1,1'-	92-52-4	9.70E+02	6.30E+02		3.80E+02	1.00E+04	7.30E+03	8.30E-01	8.30E-01	
7.00E-02	H	1.00E-05	H	4.00E-02	I			V		1	2.48	1	Yes	Bis(2-chloro-1-methylethyl) ether	108-60-1	1.10E+02	7.90E+02	5.60E+01	3.60E+01	8.00E+02	6.50E+03		7.10E+02	
				3.00E-03	P					1	1.3	1	Yes	Bis(2-chloroethoxy)methane	111-91-1					6.00E+01	3.00E+03		5.90E+01	
1.10E+00	I	3.30E-04	I					V		1	1.29	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.10E+00	2.60E+02	1.70E+00	1.40E+00					
2.20E+02	I	6.20E-02	I					V		1	0.57	1	Yes	Bis(chloromethyl)ether	542-88-1	3.50E-02	3.20E+00	9.10E-03	7.20E-03					
				5.00E-02	I					1	3.32	1	Yes	Bisphenol A	80-05-7					1.00E+03	3.20E+03		7.70E+02	
				2.00E-01	I	2.00E-02	H			1		1	Yes	Boron And Borates Only	7440-42-8					4.00E+03	9.10E+05		4.00E+03	
				2.00E+00	P	2.00E-02	P	V		1	1.16	1	Yes	Boron Trichloride	10294-34-5					4.00E+04	9.10E+06	4.20E+01	4.20E+01	
				4.00E-02	C	1.30E-02	C	V		1	0.22	1	Yes	Boron Trifluoride	7637-07-2					8.00E+02	1.80E+05	2.70E+01	2.60E+01	
7.00E-01	I			4.00E-03	I					1		1	Yes	Bromate	15541-45-4	1.10E+01	2.00E+03		1.10E+01	8.00E+01	1.80E+04		8.00E+01	1.00E+01
2.00E+00	X	6.00E-04	X					V		1	1.92	1	Yes	Bromo-2-chloroethane, 1-	107-04-0	3.90E+00	5.50E+01	9.40E-01	7.40E-01					
				8.00E-03	I	6.00E-02	I	V		1	2.99	1	Yes	Bromobenzene	108-86-1					1.60E+02	5.40E+02	1.30E+02	6.20E+01	
						4.00E-02	X	V		1	1.41	1	Yes	Bromochloromethane	74-97-5							8.30E+01	8.30E+01	
6.20E-02	I	3.70E-05	C	2.00E-02	I			V		1	2	1	Yes	Bromodichloromethane	75-27-4	1.30E+02	1.80E+03	1.50E+01	1.30E+01	4.00E+02	6.40E+03		3.80E+02	8.0E+01(F)
7.90E-03	I	1.10E-06	I	2.00E-02	I			V		1	2.4	1	Yes	Bromoform	75-25-2	9.90E+02	1.40E+04	5.10E+02	3.30E+02	4.00E+02	6.20E+03		3.80E+02	8.0E+01(F)
				1.40E-03	I	5.00E-03	I	V		1	1.19	1	Yes	Bromomethane	74-83-9					2.80E+01	1.00E+03	1.00E+01	7.50E+00	
				5.00E-03	H			V		1	5.21	0.8	Yes	Bromophos	2104-96-3					1.00E+02	5.50E+01		3.50E+01	
				2.00E-02	I					1	3.39	0.9	Yes	Bromoxynil	1689-84-5					4.00E+02	1.80E+03		3.30E+02	
				2.00E-02	I			V		1	5.4	0.8	Yes	Bromoxynil Octanoate	1689-99-2					4.00E+02	2.10E+02		1.40E+02	
3.40E+00	C	3.00E-05	I			2.00E-03	I	V		1	1.99	1	Yes	Butadiene, 1,3-	106-99-0	2.30E+00	1.60E+01	1.90E+01	1.80E+00			4.20E+00	4.20E+00	
				1.00E-01	I			V		1	0.88	1	Yes	Butanol, N-	71-36-3					2.00E+03	1.00E+05		2.00E+03	
1.90E-03	P			2.00E-01	I					1	4.73	0.9	Yes	Butyl Benzyl Phthlate	85-68-7	4.10E+03	2.60E+03		1.60E+03	4.00E+03	2.90E+03		1.70E+03	
				2.00E+00	P	3.00E+01	P	V		1	0.61	1	Yes	Butyl alcohol, sec-	78-92-2					4.00E+04	3.00E+06	6.30E+04	2.40E+04	
				5.00E-02	I			V		1	4.15	1	Yes	Butylate	2008-41-5					1.00E+03	8.50E+02		4.60E+02	
2.00E-04	C	5.70E-08	C							1	3.5	1	Yes	Butylated hydroxyanisole	25013-16-5	3.90E+04	6.20E+04		2.40E+04					
3.60E-03	P			3.00E-01	P					1	5.1	1	Yes	Butylated hydroxytoluene	128-37-0	2.20E+03	3.80E+02		3.30E+02	6.00E+03	1.20E+03		1.00E+03	
				5.00E-02	P			V		1	4.38	1	No	Butylbenzene, n-	104-51-8					1.00E+03			1.00E+03	
				1.00E-01	X			V		1	4.57	1	No	Butylbenzene, sec-	135-98-8					2.00E+03			2.00E+03	
				1.00E-01	X			V		1	4.11	1	Yes	Butylbenzene, tert-	98-06-6					2.00E+03	1.10E+03		6.90E+02	
				2.00E-02	A					1	0.36	1	Yes	Cacodylic Acid	75-60-5					4.00E+02	6.70E+04		4.00E+02	
		1.80E-03	I	1.00E-03	I	1.00E-05	A			0.025		1		Cadmium (Diet)	7440-43-9									
		1.80E-03	I	5.00E-04	I	1.00E-05	A			0.05		1	Yes	Cadmium (Water)	7440-43-9					1.00E+01	1.10E+02		9.20E+00	5.00E+00
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025		1	Yes	Calcium Chromate	13765-19-0	5.00E+00	2.30E+01		4.10E+00	4.00E+02	2.30E+03		3.40E+02	
				5.00E-01	I	2.20E-03	C			1	-0.19	1	Yes	Caprolactam	105-60-2					1.00E+04	9.00E+05		9.90E+03	
1.50E-01	C	4.30E-05	C	2.00E-03	I					1	3.8	0.9	Yes	Captafol	2425-06-1	5.20E+01	1.70E+02		4.00E+01	4.00E+01	1.50E+02		3.20E+01	
2.30E-03	C	6.60E-07	C	1.30E-01	I					1	2.8	1	Yes	Captan	133-06-2	3.40E+03	3.40E+04		3.10E+03	2.60E+03	3.00E+04		2.40E+03	
				1.00E-01	I					1	2.36	1	Yes	Carbaryl	63-25-2					2.00E+03	2.40E+04		1.80E+03	
				5.00E-03	I					1	2.32	1	Yes	Carbofuran	1563-66-2					1.00E+02	1.40E+03		9.40E+01	4.00E+01
				1.00E-01	I	7.00E-01	I	V		1	1.94	1	Yes	Carbon Disulfide	75-15-0					2.00E+03	2.00E+04	1.50E+03	8.10E+02	
7.00E-02	I	6.00E-06	I	4.00E-03	I	1.00E-01	I	V		1	2.83	1	Yes	Carbon Tetrachloride	56-23-5	1.10E+02	4.20E+02	9.40E+01	4.50E+01	8.00E+01	3.40E+02	2.10E+02	4.90E+01	5.00E+00
				1.00E-02	I					1	3.81	0.8	Yes	Carbosulfan	55285-14-8					2.00E+02	6.90E+01		5.10E+01	
				1.00E-01	I					1	2.14	1	Yes	Carboxin	5234-68-4					2.00E+03	4.10E+04		1.90E+03	
						9.00E-04	I			1		1	Yes	Ceric oxide	1306-38-3									
				1.00E-01	I			V		1	0.99	1	Yes	Chloral Hydrate	302-17-0					2.00E+03	1.50E+05		2.00E+03	
				1.50E-02	I					1	1.9	1	Yes	Chloramben	133-90-4					3.00E+02	7.40E+03		2.90E+02	
4.00E-01	H									1	2.22	1	Yes	Chloranil	118-75-2	1.90E+01	3.40E+02		1.80E+01					
3.50E-01	I	1.00E-04	I	5.00E-04	I	7.00E-04	I	V		1	6.26	0.7	No	Chlordane	12789-03-6	2.20E+01		5.60E+00	4.50E+00	1.00E+01		1.50E+00	1.30E+00	2.00E+00
1.00E+01	I	4.60E-03	C	3.00E-04	I					1	5.41	0.8	Yes	Chlordecone (Kepone)	143-50-0	7.80E-01	6.20E-01		3.50E-01	6.00E+00	5.40E+00		2.90E+00	
				7.00E-04	A					1	3.81	0.9	Yes	Chlorfenvinphos	470-90-6					1.40E+01	5.60E+01		1.10E+01	
				2.00E-02	I					1	2.5	1	Yes	Chlorimuron, Ethyl-	90982-32-4					4.00E+02	1.50E+04		3.90E+02	
				1.00E-01	I	1.50E-04	A	V		1	0.85	1	Yes	Chlorine	7782-50-5					2.00E+03	4.50E+05	3.00E-01	3.00E-01	
				3.00E-02	I	2.00E-04	I	V		1		1	Yes	Chlorine Dioxide	10049-04-4					6.00E+02	1.40E+05	4.20E-01	4.20E-01	
				3.00E-02	I					1		1	Yes	Chlorite (Sodium Salt)	7758-19-2					6.00E+02	1.40E+05		6.00E+02	1.00E+03
						5.00E+01	I	V		1	2.05	1	Yes	Chloro-1,1-difluoroethane, 1-	75-68-3							1.00E+05	1.00E+05	
		3.00E-04	I	2.00E-02	H	2.00E-02	I	V		1	2.53	1	Yes	Chloro-1,3-butadiene, 2-	126-99-8			1.90E+00	1.90E+00	4.00E+02	1.80E+03	4.20E+01	3.70E+01	
4.60E-01	H									1	-1.42	1	Yes	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.70E+01	4.90E+04		1.70E+01					

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Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
1.00E-01	P	7.70E-05	C	3.00E-03	X					1	2.27	1	Yes	Chloro-2-methylaniline, 4-	95-69-2	7.80E+01	6.40E+02		6.90E+01	6.00E+01	5.50E+02		5.40E+01	
2.70E-01	X							V		1	0.09	1	Yes	Chloroacetaldehyde, 2-	107-20-0	2.90E+01	4.40E+03		2.90E+01					
				2.00E-03	H					1	0.22	1	Yes	Chloroacetic Acid	79-11-8					4.00E+01	6.30E+03		4.00E+01	6.00E+01
						3.00E-05	I			1	1.93	1	Yes	Chloroacetophenone, 2-	532-27-4									
2.00E-01	P			4.00E-03	I					1	1.83	1	Yes	Chloroaniline, p-	106-47-8	3.90E+01	5.70E+02		3.60E+01	8.00E+01	1.30E+03		7.60E+01	
				2.00E-02	I	5.00E-02	P	V		1	2.84	1	Yes	Chlorobenzene	108-90-7					4.00E+02	1.30E+03	1.00E+02	7.80E+01	1.00E+02
1.10E-01	C	3.10E-05	C	2.00E-02	I					1	4.74	0.8	Yes	Chlorobenzilate	510-15-6	7.10E+01	5.40E+01		3.10E+01	4.00E+02	3.50E+02		1.90E+02	
				3.00E-02	X					1	2.65	1	Yes	Chlorobenzoic Acid, p-	74-11-3					6.00E+02	3.40E+03		5.10E+02	
				3.00E-03	P	3.00E-01	P	V		1	3.6	1	Yes	Chlorobenzotrifluoride, 4-	98-56-6					6.00E+01	9.30E+01	6.30E+02	3.50E+01	
				4.00E-02	P			V		1	2.64	1	Yes	Chlorobutane, 1-	109-69-3					8.00E+02	3.00E+03		6.40E+02	
						5.00E+01	I	V		1	1.08	1	Yes	Chlorodifluoromethane	75-45-6							1.00E+05	1.00E+05	
				2.00E-02	P			V		1	0.03	1	Yes	Chloroethanol, 2-	107-07-3					4.00E+02	7.70E+04		4.00E+02	
3.10E-02	C	2.30E-05	I	1.00E-02	I	9.80E-02	A	V		1	1.97	1	Yes	Chloroform	67-66-3	2.50E+02	2.80E+03	2.40E+01	2.20E+01	2.00E+02	2.50E+03	2.00E+02	9.70E+01	8.0E+01(F)
						9.00E-02	I	V		1	0.91	1	Yes	Chloromethane	74-87-3							1.90E+02	1.90E+02	
2.40E+00	C	6.90E-04	C					V		1	0.32	1	Yes	Chloromethyl Methyl Ether	107-30-2	3.20E+00	3.50E+02	8.10E-01	6.50E-01					
3.00E-01	P			3.00E-03	P	1.00E-05	X			1	2.24	1	Yes	Chloronitrobenzene, o-	88-73-3	2.60E+01	2.50E+02		2.30E+01	6.00E+01	6.40E+02		5.50E+01	
6.30E-03	P			1.00E-03	P	6.00E-04	P			1	2.39	1	Yes	Chloronitrobenzene, p-	100-00-5	1.20E+03	9.30E+03		1.10E+03	2.00E+01	1.70E+02		1.80E+01	
				5.00E-03	I			V		1	2.15	1	Yes	Chlorophenol, 2-	95-57-8					1.00E+02	1.00E+03		9.10E+01	
						4.00E-04	C	V		1	2.09	1	Yes	Chloropicrin	76-06-2							8.30E-01	8.30E-01	
3.10E-03	C	8.90E-07	C	1.50E-02	I					1	3.05	0.9	Yes	Chlorothalonil	1897-45-6	2.50E+03	1.50E+04		2.20E+03	3.00E+02	2.10E+03		2.60E+02	
				2.00E-02	I			V		1	3.42	1	Yes	Chlorotoluene, o-	95-49-8					4.00E+02	5.80E+02		2.40E+02	
				2.00E-02	X			V		1	3.33	1	Yes	Chlorotoluene, p-	106-43-4					4.00E+02	6.60E+02		2.50E+02	
2.40E+02	C	6.90E-02	C							1	-1.02	1	Yes	Chlorozotocin	54749-90-5	3.20E-02	7.10E+01		3.20E-02					
				2.00E-01	I					1	3.51	0.9	Yes	Chlorpropham	101-21-3					4.00E+03	9.80E+03		2.80E+03	
				1.00E-03	A					1	4.96	0.8	Yes	Chlorpyrifos	2921-88-2					2.00E+01	1.50E+01		8.40E+00	
				1.00E-02	H					1	4.31	0.9	Yes	Chlorpyrifos Methyl	5598-13-0					2.00E+02	2.90E+02		1.20E+02	
				5.00E-02	I					1	2	1	Yes	Chlorsulfuron	64902-72-3					1.00E+03	5.70E+04		9.90E+02	
				8.00E-04	H					1	5.8	0.8	Yes	Chlorthiophos	60238-56-4					1.60E+01	3.40E+00		2.80E+00	
				1.50E+00	I					0.013		1	Yes	Chromium(III), Insoluble Salts	16065-83-1					3.00E+04	8.90E+04		2.20E+04	
5.00E-01	J	8.40E-02	S	3.00E-03	I	1.00E-04	I		M	0.025		1	Yes	Chromium(VI)	18540-29-9	5.00E+00	1.10E+01		3.50E+00	6.00E+01	1.70E+02		4.40E+01	
										0.013		1	Yes	Chromium, Total	7440-47-3									1.00E+02
		9.00E-03	P	3.00E-04	P	6.00E-06	P			1		1	Yes	Cobalt	7440-48-4					6.00E+00	3.40E+03		6.00E+00	
		6.20E-04	I					V	M	1		0		Coke Oven Emissions	8007-45-2									
				4.00E-02	H					1		1	Yes	Copper	7440-50-8					8.00E+02	1.80E+05		8.00E+02	1.30E+03
				5.00E-02	I	6.00E-01	C			1	1.96	1	Yes	Cresol, m-	108-39-4					1.00E+03	1.20E+04		9.30E+02	
				5.00E-02	I	6.00E-01	C			1	1.95	1	Yes	Cresol, o-	95-48-7					1.00E+03	1.20E+04		9.30E+02	
				1.00E-01	A	6.00E-01	C			1	1.94	1	Yes	Cresol, p-	106-44-5					2.00E+03	2.50E+04		1.90E+03	
				1.00E-01	A					1	3.1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.00E+03	5.20E+03		1.40E+03	
				1.00E-01	A	6.00E-01	C			1	1.95	1	Yes	Cresols	1319-77-3					2.00E+03	2.40E+04		1.90E+03	
1.90E+00	H			1.00E-03	P			V		1	0.6	1	Yes	Crotonaldehyde, trans-	123-73-9	4.10E+00	2.60E+02		4.00E+00	2.00E+01	1.50E+03		2.00E+01	
				1.00E-01	I	4.00E-01	I	V		1	3.66	1	Yes	Cumene	98-82-8					2.00E+03	1.90E+03	8.30E+02	4.50E+02	
2.20E-01	C	6.30E-05	C							1	-3.16	1	No	Cupferron	135-20-6	3.50E+01			3.50E+01					
8.40E-01	H			2.00E-03	H					1	2.22	1	Yes	Cyanazine	21725-46-2	9.30E+00	1.50E+02		8.70E+00	4.00E+01	7.50E+02		3.80E+01	
														Cyanides										
				1.00E-03	I					1		1	Yes	~Calcium Cyanide	592-01-8					2.00E+01	4.50E+03		2.00E+01	
				5.00E-03	I					1		1	Yes	~Copper Cyanide	544-92-3					1.00E+02	2.30E+04		1.00E+02	
				6.00E-04	I	8.00E-04	S	V		1		1	Yes	~Cyanide (CN-)	57-12-5					1.20E+01	2.70E+03	1.70E+00	1.50E+00	2.00E+02
				1.00E-03	I			V		1	0.07	1	Yes	~Cyanogen	460-19-5					2.00E+01	5.10E+03		2.00E+01	
				9.00E-02	I			V		1		1	Yes	~Cyanogen Bromide	506-68-3					1.80E+03	1.60E+06		1.80E+03	
				5.00E-02	I			V		1		1	Yes	~Cyanogen Chloride	506-77-4					1.00E+03	5.80E+05		1.00E+03	
				6.00E-04	I	8.00E-04	I	V		1	-0.25	1	Yes	~Hydrogen Cyanide	74-90-8					1.20E+01	2.70E+03	1.70E+00	1.50E+00	
				2.00E-03	I					1		1	Yes	~Potassium Cyanide	151-50-8					4.00E+01	4.50E+03		4.00E+01	
				5.00E-03	I					0.04		1	Yes	~Potassium Silver Cyanide	506-61-6					1.00E+02	4.50E+02		8.20E+01	
				1.00E-01	I					0.04		1	Yes	~Silver Cyanide	506-64-9					2.00E+03	1.80E+04		1.80E+03	
				1.00E-03	I					1		1	Yes	~Sodium Cyanide	143-33-9					2.00E+01	4.50E+03		2.00E+01	2.00E+02
				2.00E-04	P					1		0	Yes	~Thiocyanates	NA					4.00E+00	9.10E+02		4.00E+00	
				2.00E-04	X			V		1	0.58	1	Yes	~Thiocyanic Acid	463-56-9					4.00E+00	9.10E+02		4.00E+00	
				5.00E-02	I					1		1	Yes	~Zinc Cyanide	557-21-1					1.00E+03	3.80E+05		1.00E+03	
						6.00E+00	I	V		1	3.44	1	Yes	Cyclohexane	110-82-7							1.30E+04	1.30E+04	
2.30E-02	H									1	4.72	0.9	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.40E+02	8.00E+02		2.40E+02					
				5.00E+00	I	7.00E-01	P	V		1	0.81	1	Yes	Cyclohexanone	108-94-1					1.00E+05	6.50E+06	1.50E+03	1.40E+03	
				5.00E-03	P	1.00E+00	X	V		1	2.86	1	Yes	Cyclohexene	110-83-8					1.00E+02	2.50E+02	2.10E+03	7.00E+01	
				2.00E-01	I			V		1	1.49	1	Yes	Cyclohexylamine	108-91-8					4.00E+03	9.20E+04		3.80E+03	
				5.00E-03	I					1	6.9	0.5	No	Cyhalothrin/karate	68085-85-8					1.00E+02			1.00E+02	

RML
THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				1.00E-02	I					1	6.6	0.7	No	Cypermethrin	52315-07-8					2.00E+02			2.00E+02	
				7.50E-03	I					1	0.96	1	Yes	Cyromazine	66215-27-8					1.50E+02	1.20E+04		1.50E+02	
2.40E-01	I	6.90E-05	C							1	6.02	0.8	Yes	DDD	72-54-8	3.20E+01	3.40E+00		3.10E+00					
3.40E-01	I	9.70E-05	C					V		1	6.51	0.8	No	DDE, p,p'-	72-55-9	2.30E+01		5.80E+00	4.60E+00					
3.40E-01	I	9.70E-05	I	5.00E-04	I					1	6.91	0.7	No	DDT	50-29-3	2.30E+01			2.30E+01	1.00E+01			1.00E+01	
				1.00E-02	I					1	4.28	0.9	Yes	Dacthal	1861-32-1					2.00E+02	3.20E+02		1.20E+02	
				3.00E-02	I					1	0.78	1	Yes	Dalapon	75-99-0					6.00E+02	5.50E+04		6.00E+02	2.00E+02
7.00E-04	I			7.00E-03	I					1	12.11	0	No	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	1.10E+04			1.10E+04	1.40E+02			1.40E+02	
				4.00E-05	I					1	3.21	0.9	Yes	Demeton	8065-48-3					8.00E-01	4.10E+00		6.70E-01	
1.20E-03	I			6.00E-01	I					1	8.12	0	No	Di(2-ethylhexyl)adipate	103-23-1	6.50E+03			6.50E+03	1.20E+04			1.20E+04	4.00E+02
6.10E-02	H									1	4.49	0.9	Yes	Diallate	2303-16-4	1.30E+02	8.90E+01		5.20E+01					
				7.00E-04	A					1	3.81	0.9	Yes	Diazinon	333-41-5					1.40E+01	3.90E+01		1.00E+01	
				1.00E-02	X			V		1	4.38	1	Yes	Dibenzothiophene	132-65-0					2.00E+02	9.60E+01		6.50E+01	
8.00E-01	P	6.00E-03	P	2.00E-04	P	2.00E-04	I	V	M	1	2.96	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.10E+00	1.60E+01	3.40E-02	3.30E-02	4.00E+00	2.40E+01	4.20E-01	3.70E-01	2.00E-01
				4.00E-04	X			V		1	3.75	0.9	Yes	Dibromobenzene, 1,3-	108-36-1					8.00E+00	1.60E+01		5.30E+00	
				1.00E-02	I			V		1	3.79	0.9	Yes	Dibromobenzene, 1,4-	106-37-6					2.00E+02	3.70E+02		1.30E+02	
8.40E-02	I	2.70E-05	C	2.00E-02	I			V		1	2.16	1	Yes	Dibromochloromethane	124-48-1	9.30E+01	1.40E+03	2.10E+01	1.70E+01	4.00E+02	6.70E+03		3.80E+02	8.0E+01(F)
2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I	V		1	1.96	1	Yes	Dibromoethane, 1,2-	106-93-4	3.90E+00	6.90E+01	9.40E-01	7.50E-01	1.80E+02	3.60E+03	1.90E+01	1.70E+01	5.00E-02
				1.00E-02	H	4.00E-03	X	V		1	1.7	1	Yes	Dibromomethane (Methylene Bromide)	74-95-3					2.00E+02	5.40E+03	8.30E+00	8.00E+00	
				3.00E-04	P					1		0	No	Dibutyltin Compounds	NA					6.00E+00			6.00E+00	
				3.00E-02	I					1	2.21	1	Yes	Dicamba	1918-00-9					6.00E+02	1.00E+04		5.70E+02	
		4.20E-03	P					V		1	2.6	1	Yes	Dichloro-2-butene, 1,4-	764-41-0			1.30E-01	1.30E-01					
		4.20E-03	P					V		1	2.6	1	Yes	Dichloro-2-butene, cis-1,4-	1476-11-5			1.30E-01	1.30E-01					
		4.20E-03	P					V		1	2.6	1	Yes	Dichloro-2-butene, trans-1,4-	110-57-6			1.30E-01	1.30E-01					
5.00E-02	I			4.00E-03	I					1	0.92	1	Yes	Dichloroacetic Acid	79-43-6	1.60E+02	9.20E+03		1.50E+02	8.00E+01	5.40E+03		7.90E+01	6.00E+01
				9.00E-02	I	2.00E-01	H	V		1	3.43	1	Yes	Dichlorobenzene, 1,2-	95-50-1					1.80E+03	2.90E+03	4.20E+02	3.00E+02	6.00E+02
5.40E-03	C	1.10E-05	C	7.00E-02	A	8.00E-01	I	V		1	3.44	1	Yes	Dichlorobenzene, 1,4-	106-46-7	1.40E+03	2.00E+03	5.10E+01	4.80E+01	1.40E+03	2.20E+03	1.70E+03	5.70E+02	7.50E+01
4.50E-01	I	3.40E-04	C							1	3.51	1	Yes	Dichlorobenzidine, 3,3'-	91-94-1	1.70E+01	4.30E+01		1.20E+01					
				9.00E-03	X					1	4.44	0.9	Yes	Dichlorobenzophenone, 4,4'-	90-98-2					1.80E+02	1.40E+02		7.80E+01	
				2.00E-01	I	1.00E-01	X	V		1	2.16	1	Yes	Dichlorodifluoromethane	75-71-8					4.00E+03	3.80E+04	2.10E+02	2.00E+02	
5.70E-03	C	1.60E-06	C	2.00E-01	P			V		1	1.79	1	Yes	Dichloroethane, 1,1-	75-34-3	1.40E+03	1.80E+04	3.50E+02	2.70E+02	4.00E+03	5.80E+04		3.80E+03	
9.10E-02	I	2.60E-05	I	6.00E-03	X	7.00E-03	P	V		1	1.48	1	Yes	Dichloroethane, 1,2-	107-06-2	8.60E+01	1.80E+03	2.20E+01	1.70E+01	1.20E+02	2.80E+03	1.50E+01	1.30E+01	5.00E+00
				5.00E-02	I	2.00E-01	I	V		1	2.13	1	Yes	Dichloroethylene, 1,1-	75-35-4					1.00E+03	8.50E+03	4.20E+02	2.80E+02	7.00E+00
				2.00E-03	I			V		1	1.86	1	Yes	Dichloroethylene, 1,2-cis-	156-59-2					4.00E+01	3.60E+02		3.60E+01	7.00E+01
				2.00E-02	I			V		1	2.09	1	Yes	Dichloroethylene, 1,2-trans-	156-60-5					4.00E+02	3.60E+03		3.60E+02	1.00E+02
				3.00E-03	I					1	3.06	1	Yes	Dichlorophenol, 2,4-	120-83-2					6.00E+01	1.90E+02		4.60E+01	
				1.00E-02	I					1	2.81	1	Yes	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					2.00E+02	1.30E+03		1.70E+02	7.00E+01
				8.00E-03	I					1	3.53	0.9	Yes	Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					1.60E+02	4.80E+02		1.20E+02	
3.60E-02	C	1.00E-05	C	9.00E-02	A	4.00E-03	I	V		1	1.98	1	Yes	Dichloropropane, 1,2-	78-87-5	2.20E+02	2.30E+03	5.60E+01	4.40E+01	1.80E+03	2.10E+04	8.30E+00	8.30E+00	5.00E+00
				2.00E-02	P			V		1	2	1	Yes	Dichloropropane, 1,3-	142-28-9					4.00E+02	4.60E+03		3.70E+02	
				3.00E-03	I					1	0.78	1	Yes	Dichloropropanol, 2,3-	616-23-9					6.00E+01	4.90E+03		5.90E+01	
1.00E-01	I	4.00E-06	I	3.00E-02	I	2.00E-02	I	V		1	2.04	1	Yes	Dichloropropene, 1,3-	542-75-6	7.80E+01	7.50E+02	1.40E+02	4.70E+01	6.00E+02	6.50E+03	4.20E+01	3.90E+01	
2.90E-01	I	8.30E-05	C	5.00E-04	I	5.00E-04	I			1	1.43	1	Yes	Dichlorvos	62-73-7	2.70E+01	1.30E+03		2.60E+01	1.00E+01	5.60E+02		9.90E+00	
				8.00E-02	P	3.00E-04	X	V		1	3.51	1	Yes	Dicyclopentadiene	77-73-6					1.60E+03	3.50E+03	6.30E-01	6.30E-01	
1.60E+01	I	4.60E-03	I	5.00E-05	I					1	5.4	0.8	Yes	Dieldrin	60-57-1	4.90E-01	2.60E-01		1.70E-01	1.00E+00	6.10E-01		3.80E-01	
		3.00E-04	C			5.00E-03	I			1		0		Diesel Engine Exhaust	NA									
				2.00E-03	P	2.00E-04	P			1	-1.43	1	Yes	Diethanolamine	111-42-2					4.00E+01	8.40E+04		4.00E+01	
				3.00E-02	P	1.00E-04	P			1	0.56	1	Yes	Diethylene Glycol Monobutyl Ether	112-34-5					6.00E+02	8.60E+04		6.00E+02	
				6.00E-02	P	3.00E-04	P			1	-0.54	1	Yes	Diethylene Glycol Monoethyl Ether	111-90-0					1.20E+03	7.80E+05		1.20E+03	
				1.00E-03	P			V		1	0.05	1	Yes	Diethylformamide	617-84-5					2.00E+01	4.20E+03		2.00E+01	
3.50E+02	C	1.00E-01	C							1	5.07	0.9	Yes	Diethylstilbestrol	56-53-1	2.20E-02	6.30E-03		4.90E-03					
				8.00E-02	I					1	0.65	1	Yes	Difenzoquat	43222-48-6					1.60E+03	7.30E+05		1.60E+03	
				2.00E-02	I					1	3.88	0.9	Yes	Diflubenzuron	35367-38-5					4.00E+02	1.00E+03		2.90E+02	
						4.00E+01	I	V		1	0.75	1	Yes	Difluoroethane, 1,1-	75-37-6							8.30E+04	8.30E+04	
4.40E-02	C	1.30E-05	C					V		1	3.38	1	Yes	Dihydrosafrole	94-58-6	1.80E+02	2.20E+02	4.30E+01	3.00E+01					
						7.00E-01	P	V		1	1.52	1	Yes	Diisopropyl Ether	108-20-3							1.50E+03	1.50E+03	
				8.00E-02	I			V		1	1.03	1	Yes	Diisopropyl Methylphosphonate	1445-75-6					1.60E+03	1.30E+05		1.60E+03	
				2.00E-02	I					1	-0.17	1	Yes	Dimethipin	55290-64-7					4.00E+02	2.40E+05		4.00E+02	
				2.00E-04	I					1	0.78	1	Yes	Dimethoate	60-51-5					4.00E+00	6.40E+02		4.00E+00	
1.60E+00	P									1	1.81	1	Yes	Dimethoxybenzidine, 3,3'-	119-90-4	4.90E+00	1.60E+02		4.70E+00					
1.70E-03	P			6.00E-02	P					1	-0.61	1	Yes	Dimethyl methylphosphonate	756-79-6	4.60E+03	2.70E+06		4.60E+03	1.20E+03	8.10E+05		1.20E+03	
4.60E+00	C	1.30E-03	C							1	4.58	1	Yes	Dimethylamino azobenzene [p-]	60-11-7	1.70E+00	6.90E-01		4.90E-01					
5.80E-01	H									1	-1.51	1	Yes	Dimethylaniline HCl, 2,4-	21436-96-4	1.30E+01	4.00E+04		1.30E+01					
2.00E-01	P			2.00E-03	X					1	1.68	1	Yes	Dimethylaniline, 2,4-	95-68-1	3.90E+01	6.80E+02		3.70E+01	4.00E+01	8.00E+02		3.80E+01	

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				2.00E-03	I			V		1	2.31	1	Yes	Dimethylaniline, N,N-	121-69-7					4.00E+01	3.00E+02		3.50E+01	
1.10E+01	P									1	2.34	1	Yes	Dimethylbenzidine, 3,3'-	119-93-7	7.10E-01	8.20E+00		6.50E-01					
				1.00E-01	P	3.00E-02	I	V		1	-1.01	1	Yes	Dimethylformamide	68-12-2					2.00E+03	1.80E+06	6.30E+01	6.10E+01	
				1.00E-04	X	2.00E-06	X	V		1	-1.19	1	Yes	Dimethylhydrazine, 1,1-	57-14-7					2.00E+00	3.50E+03	4.20E-03	4.20E-03	
5.50E+02	C	1.60E-01	C					V		1	-0.54	1	Yes	Dimethylhydrazine, 1,2-	540-73-8	1.40E-02	4.80E+00	3.50E-03	2.80E-03					
				2.00E-02	I					1	2.3	1	Yes	Dimethylphenol, 2,4-	105-67-9					4.00E+02	3.10E+03		3.60E+02	
				6.00E-04	I					1	2.36	1	Yes	Dimethylphenol, 2,6-	576-26-1					1.20E+01	8.50E+01		1.10E+01	
				1.00E-03	I					1	2.23	1	Yes	Dimethylphenol, 3,4-	95-65-8					2.00E+01	1.70E+02		1.80E+01	
4.50E-02	C	1.30E-05	C					V		1	2.58	1	Yes	Dimethylvinylchloride	513-37-1	1.70E+02	6.30E+02	4.30E+01	3.30E+01					
				8.00E-05	X					1	2.13	1	Yes	Dinitro-o-cresol, 4,6-	534-52-1					1.60E+00	2.60E+01		1.50E+00	
				2.00E-03	I					1	4.12	0.9	Yes	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					4.00E+01	5.40E+01		2.30E+01	
				1.00E-04	P					1	1.69	1	Yes	Dinitrobenzene, 1,2-	528-29-0					2.00E+00	5.30E+01		1.90E+00	
				1.00E-04	I					1	1.49	1	Yes	Dinitrobenzene, 1,3-	99-65-0					2.00E+00	7.20E+01		2.00E+00	
				1.00E-04	P					1	1.46	1	Yes	Dinitrobenzene, 1,4-	100-25-4					2.00E+00	7.50E+01		2.00E+00	
				2.00E-03	I					1	1.67	1	Yes	Dinitrophenol, 2,4-	51-28-5					4.00E+01	1.20E+03		3.90E+01	
6.80E-01	I									1	2.18	1	Yes	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.10E+01	1.40E+02		1.10E+01					
3.10E-01	C	8.90E-05	C	2.00E-03	I					1	1.98	1	Yes	Dinitrotoluene, 2,4-	121-14-2	2.50E+01	4.10E+02		2.40E+01	4.00E+01	7.50E+02		3.80E+01	
1.50E+00	P			3.00E-04	X					1	2.1	1	Yes	Dinitrotoluene, 2,6-	606-20-2	5.20E+00	7.10E+01		4.80E+00	6.00E+00	9.30E+01		5.70E+00	
				2.00E-03	S					1	1.84	1	Yes	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					4.00E+01	1.00E+03		3.90E+01	
				2.00E-03	S					1	1.84	1	Yes	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					4.00E+01	1.00E+03		3.90E+01	
4.50E-01	X			9.00E-04	X					1	2.18	1	Yes	Dinitrotoluene, Technical grade	25321-14-6	1.70E+01	2.10E+02		1.60E+01	1.80E+01	2.50E+02		1.70E+01	
				1.00E-03	I					1	3.56	0.9	Yes	Dinoseb	88-85-7					2.00E+01	5.40E+01		1.50E+01	7.00E+00
1.00E-01	I	5.00E-06	I	3.00E-02	I	3.00E-02	I	V		1	-0.27	1	Yes	Dioxane, 1,4-	123-91-1	7.80E+01	2.20E+04	1.10E+02	4.60E+01	6.00E+02	1.90E+05	6.30E+01	5.70E+01	
														Dioxins										
6.20E+03	I	1.30E+00	I							1	8.21	0	No	~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.30E-03			1.30E-03					
1.30E+05	C	3.80E+01	C	7.00E-10	I	4.00E-08	C	V		1	6.8	0.5	No	~TCDD, 2,3,7,8-	1746-01-6	6.00E-05		1.50E-05	1.20E-05	1.40E-05		8.30E-05	1.20E-05	3.00E-05
				3.00E-02	I					1	2.86	1	Yes	Diphenamid	957-51-7					6.00E+02	4.20E+03		5.30E+02	
				8.00E-04	X					1	2.4	1	Yes	Diphenyl Sulfone	127-63-9					1.60E+01	2.00E+02		1.50E+01	
				2.50E-02	I					1	3.5	1	Yes	Diphenylamine	122-39-4					5.00E+02	8.40E+02		3.10E+02	
8.00E-01	I	2.20E-04	I							1	2.94	1	Yes	Diphenylhydrazine, 1,2-	122-66-7	9.70E+00	3.70E+01		7.70E+00					
				2.20E-03	I					1	-2.82	1	No	Diquat	85-00-7					4.40E+01			4.40E+01	2.00E+01
7.10E+00	C	1.40E-01	C							1	4.9	1	No	Direct Black 38	1937-37-7	1.10E+00			1.10E+00					
7.40E+00	C	1.40E-01	C							1	-2.03	1	No	Direct Blue 6	2602-46-2	1.10E+00			1.10E+00					
6.70E+00	C	1.40E-01	C							1	-6.53	1	No	Direct Brown 95	16071-86-6	1.20E+00			1.20E+00					
				4.00E-05	I					1	4.02	0.9	Yes	Disulfoton	298-04-4					8.00E-01	1.30E+00		5.00E-01	
				1.00E-02	I			V		1	0.77	1	Yes	Dithiane, 1,4-	505-29-3					2.00E+02	1.60E+04		2.00E+02	
				2.00E-03	I					1	2.68	1	Yes	Diuron	330-54-1					4.00E+01	3.60E+02		3.60E+01	
				4.00E-03	I					1	1.15	1	Yes	Dodine	2439-10-3					8.00E+01	1.10E+04		8.00E+01	
				2.50E-02	I			V		1	3.21	1	Yes	EPTC	759-94-4					5.00E+02	1.50E+03		3.80E+02	
				6.00E-03	I			V		1	3.83	0.9	Yes	Endosulfan	115-29-7					1.20E+02	6.30E+02		1.00E+02	
				2.00E-02	I					1	1.91	1	Yes	Endothall	145-73-3					4.00E+02	8.50E+03		3.80E+02	1.00E+02
				3.00E-04	I					1	5.2	0.8	Yes	Endrin	72-20-8					6.00E+00	3.70E+00		2.30E+00	2.00E+00
9.90E-03	I	1.20E-06	I	6.00E-03	P	1.00E-03	I	V		1	0.45	1	Yes	Epichlorohydrin	106-89-8	7.90E+02	7.50E+04	4.70E+02	2.90E+02	1.20E+02	1.30E+04	2.10E+00	2.00E+00	
						2.00E-02	I	V		1	0.86	1	Yes	Epoxybutane, 1,2-	106-88-7							4.20E+01	4.20E+01	
				5.00E-03	I					1	-0.22	1	Yes	Ethephon	16672-87-0					1.00E+02	4.20E+04		1.00E+02	
				5.00E-04	I					1	5.07	0.8	Yes	Ethion	563-12-2					1.00E+01	7.70E+00		4.30E+00	
				1.00E-01	P	6.00E-02	P	V		1	0.59	1	Yes	Ethoxyethanol Acetate, 2-	111-15-9					2.00E+03	2.30E+05	1.30E+02	1.20E+02	
				9.00E-02	P	2.00E-01	I	V		1	-0.32	1	Yes	Ethoxyethanol, 2-	110-80-5					1.80E+03	6.20E+05	4.20E+02	3.40E+02	
				9.00E-01	I	7.00E-02	P	V		1	0.73	1	Yes	Ethyl Acetate	141-78-6					1.80E+04	1.20E+06	1.50E+02	1.40E+02	
4.80E-02	H			5.00E-03	P	8.00E-03	P	V		1	1.32	1	Yes	Ethyl Acrylate	140-88-5	1.60E+02	4.30E+03		1.60E+02	1.00E+02	3.00E+03	1.70E+01	1.40E+01	
						1.00E+01	I	V		1	1.43	1	Yes	Ethyl Chloride (Chloroethane)	75-00-3							2.10E+04	2.10E+04	
				2.00E-01	I			V		1	0.89	1	Yes	Ethyl Ether	60-29-7					4.00E+03	2.00E+05		3.90E+03	
				9.00E-02	H	3.00E-01	P	V		1	1.94	1	Yes	Ethyl Methacrylate	97-63-2					1.80E+03	2.30E+04	6.30E+02	4.60E+02	
				1.00E-05	I					1	4.78	0.8	Yes	Ethyl-p-nitrophenyl Phosphonate	2104-64-5					2.00E-01	1.60E-01		8.90E-02	
1.10E-02	C	2.50E-06	C	1.00E-01	I	1.00E+00	I	V		1	3.15	1	Yes	Ethylbenzene	100-41-4	7.10E+02	1.20E+03	2.20E+02	1.50E+02	2.00E+03	3.80E+03	2.10E+03	8.10E+02	7.00E+02
				7.00E-02	P					1	-0.94	1	Yes	Ethylene Cyanohydrin	109-78-4					1.40E+03	1.10E+06		1.40E+03	
				9.00E-02	P			V		1	-2.04	1	No	Ethylene Diamine	107-15-3					1.80E+03			1.80E+03	
				2.00E+00	I	4.00E-01	C			1	-1.36	1	Yes	Ethylene Glycol	107-21-1					4.00E+04	5.70E+07		4.00E+04	
				1.00E-01	I	1.60E+00	I			1	0.83	1	Yes	Ethylene Glycol Monobutyl Ether	111-76-2					2.00E+03	1.40E+05		2.00E+03	
3.10E-01	C	8.80E-05	C			3.00E-02	C	V		1	-0.3	1	Yes	Ethylene Oxide	75-21-8	2.50E+01	5.20E+03	6.40E+00	5.10E+00			6.30E+01	6.30E+01	
4.50E-02	C	1.30E-05	C	8.00E-05	I					1	-0.66	1	Yes	Ethylene Thiourea	96-45-7	1.70E+02	9.70E+04		1.70E+02	1.60E+00	1.00E+03		1.60E+00	
6.50E+01	C	1.90E-02	C					V		1	-0.28	1	Yes	Ethyleneimine	151-56-4	1.20E-01	2.40E+01	3.00E-02	2.40E-02					
				3.00E+00	I					1	2.19	1	Yes	Ethylphthalyl Ethyl Glycolate	84-72-0					6.00E+04	1.50E+06		5.80E+04	
				8.00E-03	I					1	2.55	1	Yes	Express	101200-48-0					1.60E+02	5.00E+03		1.60E+02	

RML
THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				2.50E-04	I					1	3.23	0.9	Yes	Fenamiphos	22224-92-6					5.00E+00	3.40E+01		4.40E+00	
				2.50E-02	I					1	5.7	0.8	Yes	Fenpropathrin	39515-41-8					5.00E+02	7.30E+01		6.40E+01	
				1.30E-02	I					1	2.42	1	Yes	Fluometuron	2164-17-2					2.60E+02	3.40E+03		2.40E+02	
				4.00E-02	C	1.30E-02	C			1		1	Yes	Fluoride	16984-48-8					8.00E+02	1.80E+05		8.00E+02	
				6.00E-02	I	1.30E-02	C			1		1	Yes	Fluorine (Soluble Fluoride)	7782-41-4					1.20E+03	2.70E+05		1.20E+03	4.00E+03
				8.00E-02	I					1	3.16	0.9	Yes	Fluridone	59756-60-4					1.60E+03	1.40E+04		1.40E+03	
				2.00E-02	I					1	3.34	0.9	Yes	Flurprimidol	56425-91-3					4.00E+02	2.40E+03		3.40E+02	
				6.00E-02	I					1	3.7	0.9	Yes	Flutolanil	66332-96-5					1.20E+03	4.50E+03		9.50E+02	
				1.00E-02	I					1	6.81	0.6	No	Fluvalinate	69409-94-5					2.00E+02			2.00E+02	
3.50E-03	I			1.00E-01	I					1	2.85	1	Yes	Folpet	133-07-3	2.20E+03	2.00E+04		2.00E+03	2.00E+03	2.10E+04		1.80E+03	
1.90E-01	I									1	2.9	1	Yes	Fomesafen	72178-02-0	4.10E+01	8.70E+02		3.90E+01					
				2.00E-03	I					1	3.94	0.9	Yes	Fonofos	944-22-9					4.00E+01	6.30E+01		2.40E+01	
		1.30E-05	I	2.00E-01	I	9.80E-03	A	V		1	0.35	1	Yes	Formaldehyde	50-00-0			4.30E+01	4.30E+01	4.00E+03	3.20E+05	2.00E+01	2.00E+01	
				9.00E-01	P	3.00E-04	X	V		1	-0.54	1	Yes	Formic Acid	64-18-6					1.80E+04	6.30E+06	6.30E-01	6.30E-01	
				3.00E+00	I					1	-2.4	1	No	Fosetyl-AL	39148-24-8					6.00E+04			6.00E+04	
														Furans										
				1.00E-03	X			V		1	4.12	1	Yes	~Dibenzofuran	132-64-9					2.00E+01	1.30E+01		7.90E+00	
				1.00E-03	I			V		1	1.34	1	Yes	~Furan	110-00-9					2.00E+01	4.80E+02		1.90E+01	
				9.00E-01	I	2.00E+00	I	V		1	0.46	1	Yes	~Tetrahydrofuran	109-99-9					1.80E+04	1.70E+06	4.20E+03	3.40E+03	
3.80E+00	H									1	-0.04	1	Yes	Furazolidone	67-45-8	2.10E+00	9.80E+02		2.00E+00					
				3.00E-03	I	5.00E-02	H	V		1	0.41	1	Yes	Furfural	98-01-1					6.00E+01	7.10E+03	1.00E+02	3.80E+01	
1.50E+00	C	4.30E-04	C							1	1.8	1	Yes	Furium	531-82-8	5.20E+00	1.80E+02		5.00E+00					
3.00E-02	I	8.60E-06	C							1	4.38	0.9	Yes	Furmecyclox	60568-05-0	2.60E+02	1.90E+02		1.10E+02					
				4.00E-04	I					1	-5.34	1	No	Glufosinate, Ammonium	77182-82-2					8.00E+00			8.00E+00	
						8.00E-05	C			1	-0.18	1	Yes	Glutaraldehyde	111-30-8									
				4.00E-04	I	1.00E-03	H	V		1	-0.12	1	Yes	Glycidyl	765-34-4					8.00E+00	1.80E+03	2.10E+00	1.70E+00	
				1.00E-01	I					1	-3.4	1	No	Glyphosate	1071-83-6					2.00E+03			2.00E+03	7.00E+02
				3.00E-03	I					1	4.73	0.8	Yes	Goal	42874-03-3					6.00E+01	6.60E+01		3.20E+01	
				1.00E-02	X			V		1	-1.63	1	Yes	Guanidine	113-00-8					2.00E+02	4.20E+05		2.00E+02	
				2.00E-02	P					1	-1.7	1	Yes	Guanidine Chloride	50-01-1					4.00E+02	1.00E+09		4.00E+02	
				3.00E-03	A	1.00E-02	A			1	2.75	1	Yes	Guthion	86-50-0					6.00E+01	8.30E+02		5.60E+01	
				5.00E-05	I					1	4.07	0.9	Yes	Haloxyfop, Methyl	69806-40-2					1.00E+00	3.10E+00		7.60E-01	
				1.30E-02	I					1	1.56	1	Yes	Harmony	79277-27-3					2.60E+02	3.50E+04		2.60E+02	
4.50E+00	I	1.30E-03	I	5.00E-04	I			V		1	6.1	0.8	Yes	Heptachlor	76-44-8	1.70E+00	2.20E-01	4.30E-01	1.40E-01	1.00E+01	1.50E+00		1.30E+00	4.00E-01
9.10E+00	I	2.60E-03	I	1.30E-05	I			V		1	4.98	0.8	Yes	Heptachlor Epoxide	1024-57-3	8.60E-01	6.80E-01	2.20E-01	1.40E-01	2.60E-01	2.40E-01		1.20E-01	2.00E-01
				2.00E-03	I			V		1	6.07	0.7	No	Hexabromobenzene	87-82-1					4.00E+01			4.00E+01	
				2.00E-04	I					1		0	No	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					4.00E+00			4.00E+00	
1.60E+00	I	4.60E-04	I	8.00E-04	I			V		1	5.73	0.9	No	Hexachlorobenzene	118-74-1	4.90E+00		1.20E+00	9.80E-01	1.60E+01			1.60E+01	1.00E+00
7.80E-02	I	2.20E-05	I	1.00E-03	P			V		1	4.78	0.9	Yes	Hexachlorobutadiene	87-68-3	1.00E+02	4.20E+01	2.60E+01	1.40E+01	2.00E+01	9.50E+00		6.50E+00	
6.30E+00	I	1.80E-03	I	8.00E-03	A					1	3.8	0.9	Yes	Hexachlorocyclohexane, Alpha-	319-84-6	1.20E+00	1.70E+00		7.10E-01	1.60E+02	2.50E+02		9.70E+01	
1.80E+00	I	5.30E-04	I							1	3.78	0.9	Yes	Hexachlorocyclohexane, Beta-	319-85-7	4.30E+00	5.90E+00		2.50E+00					
1.10E+00	C	3.10E-04	C	3.00E-04	I					1	3.72	0.9	Yes	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.10E+00	9.60E+00		4.10E+00	6.00E+00	9.20E+00		3.60E+00	2.00E-01
1.80E+00	I	5.10E-04	I							1	4.14	0.9	Yes	Hexachlorocyclohexane, Technical	608-73-1	4.30E+00	5.90E+00		2.50E+00					
				6.00E-03	I	2.00E-04	I	V		1	5.04	0.9	Yes	Hexachlorocyclopentadiene	77-47-4					1.20E+02	4.20E+01	4.20E-01	4.10E-01	5.00E+01
4.00E-02	I	1.10E-05	C	7.00E-04	I	3.00E-02	I	V		1	4.14	1	Yes	Hexachloroethane	67-72-1	1.90E+02	1.70E+02	5.10E+01	3.30E+01	1.40E+01	1.40E+01	6.30E+01	6.20E+00	
				3.00E-04	I					1	7.54	0	No	Hexachlorophene	70-30-4					6.00E+00			6.00E+00	
1.10E-01	I			3.00E-03	I					1	0.87	1	Yes	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	7.10E+01	8.30E+03		7.00E+01	6.00E+01	7.90E+03		6.00E+01	
						1.00E-05	I	V		1	3.2	1	Yes	Hexamethylene Diisocyanate, 1,6-	822-06-0							2.10E-02	2.10E-02	
				4.00E-04	P					1	0.28	1	Yes	Hexamethylphosphoramide	680-31-9					8.00E+00	2.00E+03		8.00E+00	
				6.00E-02	H	7.00E-01	I	V		1	3.9	1	Yes	Hexane, N-	110-54-3					1.20E+03	6.40E+02	1.50E+03	3.20E+02	
				2.00E+00	P					1	0.08	1	Yes	Hexanedioic Acid	124-04-9					4.00E+04	1.10E+07		4.00E+04	
				5.00E-03	I	3.00E-02	I	V		1	1.38	1	Yes	Hexanone, 2-	591-78-6					1.00E+02	2.70E+03	6.30E+01	3.80E+01	
				3.30E-02	I					1	1.85	1	Yes	Hexazinone	51235-04-2					6.60E+02	2.40E+04		6.40E+02	
3.00E+00	I	4.90E-03	I			3.00E-05	P	V		1	-2.07	1	Yes	Hydrazine	302-01-2	2.60E+00	1.10E+04	1.10E-01	1.10E-01			6.30E-02	6.30E-02	
3.00E+00	I	4.90E-03	I							1		1	Yes	Hydrazine Sulfate	10034-93-2	2.60E+00	4.70E+02		2.60E+00					
						2.00E-02	I	V		1		1	Yes	Hydrogen Chloride	7647-01-0							4.20E+01	4.20E+01	
				4.00E-02	C	1.40E-02	C	V		1	0.23	1	Yes	Hydrogen Fluoride	7664-39-3					8.00E+02	1.80E+05	2.90E+01	2.80E+01	
						2.00E-03	I	V		1	0.23	1	Yes	Hydrogen Sulfide	7783-06-4							4.20E+00	4.20E+00	
6.00E-02	P			4.00E-02	P					1	0.59	1	Yes	Hydroquinone	123-31-9	1.30E+02	1.10E+04		1.30E+02	8.00E+02	7.90E+04		7.90E+02	
				1.30E-02	I					1	3.82	0.9	Yes	Imazalil	35554-44-0					2.60E+02	6.80E+02		1.90E+02	
				2.50E-01	I					1	1.86	1	Yes	Imazaquin	81335-37-7					5.00E+03	2.60E+05		4.90E+03	
				1.00E-02	A					1		1	Yes	Iodine	7553-56-2					2.00E+02	4.50E+04		2.00E+02	
				4.00E-02	I					1	3	0.9	Yes	Iprodione	36734-19-7					8.00E+02	9.10E+03		7.40E+02	
				7.00E-01	P					1		1	Yes	Iron	7439-89-6					1.40E+04	3.20E+06		1.40E+04	

RML
HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				3.00E-01	I			V		1	0.76	1	Yes	Isobutyl Alcohol	78-83-1					6.00E+03	3.60E+05		5.90E+03	
9.50E-04	I			2.00E-01	I	2.00E+00	C			1	1.7	1	Yes	Isophorone	78-59-1	8.20E+03	1.60E+05		7.80E+03	4.00E+03	8.60E+04		3.80E+03	
				1.50E-02	I			V		1	5.8	0.8	Yes	Isopropalin	33820-53-0					3.00E+02	4.60E+01		4.00E+01	
				2.00E+00	P	2.00E-01	P	V		1	0.05	1	Yes	Isopropanol	67-63-0					4.00E+04	6.50E+06	4.20E+02	4.10E+02	
				1.00E-01	I					1	0.27	1	Yes	Isopropyl Methyl Phosphonic Acid	1832-54-8					2.00E+03	3.90E+05		2.00E+03	
				5.00E-02	I					1	3.94	0.9	Yes	Isoxaben	82558-50-7					1.00E+03	2.70E+03		7.30E+02	
						3.00E-01	A	V		1	8	0	No	JP-7	NA							6.30E+02	6.30E+02	
				7.50E-02	I					1	3.43	0.9	Yes	Kerb	23950-58-5					1.50E+03	5.50E+03		1.20E+03	
				2.00E-03	I					1	4.81	0.9	Yes	Lactofen	77501-63-4					4.00E+01	6.70E+01		2.50E+01	
														Lead Compounds										
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025		1	Yes	~Lead Chromate	7758-97-6	5.00E+00	2.30E+01		4.10E+00	4.00E+02	2.30E+03		3.40E+02	
8.50E-03	C	1.20E-05	C							1		0.8	Yes	~Lead Phosphate	7446-27-7	9.20E+02	1.60E+05		9.10E+02					
2.80E-01	C	8.00E-05	C							1	-0.08	1	Yes	~Lead acetate	301-04-2	2.80E+01	2.70E+04		2.80E+01					
										1		1	Yes	~Lead and Compounds	7439-92-1								1.50E+01	1.50E+01
8.50E-03	C	1.20E-05	C							1	-4	1	No	~Lead subacetate	1335-32-6	9.20E+02			9.20E+02					
				1.00E-07	I			V		1	4.15	0.9	Yes	~Tetraethyl Lead	78-00-2					2.00E-03	3.80E-03		1.30E-03	
				2.00E-03	I					1	3.2	0.9	Yes	Linuron	330-55-2					4.00E+01	2.00E+02		3.30E+01	
				2.00E-03	P					1		1	Yes	Lithium	7439-93-2					4.00E+01	9.10E+03		4.00E+01	
				2.00E-01	I					1	2.18	1	Yes	Londax	83055-99-6					4.00E+03	2.40E+05		3.90E+03	
				5.00E-04	I					1	3.25	1	Yes	MCPA	94-74-6					1.00E+01	3.00E+01		7.50E+00	
				1.00E-02	I					1	3.5	0.9	Yes	MCPB	94-81-5					2.00E+02	5.50E+02		1.50E+02	
				1.00E-03	I					1	3.13	1	Yes	MCPP	93-65-2					2.00E+01	7.10E+01		1.60E+01	
				2.00E-02	I					1	2.36	1	Yes	Malathion	121-75-5					4.00E+02	1.10E+04		3.90E+02	
				1.00E-01	I	7.00E-04	C			1	1.62	1	Yes	Maleic Anhydride	108-31-6					2.00E+03	3.80E+04		1.90E+03	
				5.00E-01	I					1	-0.84	1	Yes	Maleic Hydrazide	123-33-1					1.00E+04	8.90E+06		1.00E+04	
				1.00E-04	P					1	-0.6	1	Yes	Malononitrile	109-77-3					2.00E+00	9.10E+02		2.00E+00	
				3.00E-02	H					1	1.33	0.9	Yes	Mancozeb	8018-01-7					6.00E+02	4.90E+03		5.40E+02	
				5.00E-03	I					1	0.62	1	Yes	Maneb	12427-38-2					1.00E+02	4.40E+03		9.80E+01	
				1.40E-01	I	5.00E-05	I			1		1		Manganese (Diet)	7439-96-5									
				2.40E-02	S	5.00E-05	I			0.04		1	Yes	Manganese (Non-diet)	7439-96-5					4.80E+02	4.40E+03		4.30E+02	
				9.00E-05	H					1	1.04	1	Yes	Mephosfolan	950-10-7					1.80E+00	2.50E+02		1.80E+00	
				3.00E-02	I					1	-2.82	1	No	Mepiquat Chloride	24307-26-4					6.00E+02			6.00E+02	
														Mercury Compounds										
				3.00E-04	I	3.00E-04	S			0.07	-0.22	1	Yes	~Mercuric Chloride (and other Mercury salts)	7487-94-7					6.00E+00	9.50E+01		5.70E+00	2.00E+00
						3.00E-04	I	V		1	0.62	1	Yes	~Mercury (elemental)	7439-97-6							6.30E-01	6.30E-01	2.00E+00
				1.00E-04	I					1		1	Yes	~Methyl Mercury	22967-92-6					2.00E+00	4.50E+02		2.00E+00	
				8.00E-05	I					1	0.71	1	Yes	~Phenylmercuric Acetate	62-38-4					1.60E+00	5.70E+02		1.60E+00	
				3.00E-05	I			V		1	7.67	0.3	No	Merphos	150-50-5					6.00E-01			6.00E-01	
				3.00E-05	I					1	5.7	0.9	Yes	Merphos Oxide	78-48-8					6.00E-01	9.90E-02		8.50E-02	
				6.00E-02	I					1	1.65	1	Yes	Metalaxyl	57837-19-1					1.20E+03	6.40E+04		1.20E+03	
				1.00E-04	I	3.00E-02	P	V		1	0.68	1	Yes	Methacrylonitrile	126-98-7					2.00E+00	1.30E+02	6.30E+01	1.90E+00	
				5.00E-05	I					1	-0.8	1	Yes	Methamidophos	10265-92-6					1.00E+00	1.00E+03		1.00E+00	
				2.00E+00	I	2.00E+01	I	V		1	-0.77	1	Yes	Methanol	67-56-1					4.00E+04	1.80E+07	4.20E+04	2.00E+04	
				1.00E-03	I					1	2.2	1	Yes	Methidathion	950-37-8					2.00E+01	5.80E+02		1.90E+01	
				2.50E-02	I					1	0.6	1	Yes	Methomyl	16752-77-5					5.00E+02	6.80E+04		5.00E+02	
4.90E-02	C	1.40E-05	C							1	1.47	1	Yes	Methoxy-5-nitroaniline, 2-	99-59-2	1.60E+02	5.20E+03		1.50E+02					
				5.00E-03	I					1	5.08	0.8	Yes	Methoxychlor	72-43-5					1.00E+02	5.90E+01		3.70E+01	4.00E+01
				8.00E-03	P	1.00E-03	P	V		1	0.1	1	Yes	Methoxyethanol Acetate, 2-	110-49-6					1.60E+02	3.50E+04	2.10E+00	2.10E+00	
				5.00E-03	P	2.00E-02	I	V		1	-0.77	1	Yes	Methoxyethanol, 2-	109-86-4					1.00E+02	6.30E+04	4.20E+01	2.90E+01	
				1.00E+00	X			V		1	0.18	1	Yes	Methyl Acetate	79-20-9					2.00E+04	2.90E+06		2.00E+04	
				3.00E-02	H	2.00E-02	P	V		1	0.8	1	Yes	Methyl Acrylate	96-33-3					6.00E+02	3.70E+04	4.20E+01	3.90E+01	
				6.00E-01	I	5.00E+00	I	V		1	0.29	1	Yes	Methyl Ethyl Ketone (2-Butanone)	78-93-3					1.20E+04	1.50E+06	1.00E+04	5.60E+03	
		1.00E-03	X	1.00E-03	P	2.00E-05	X	V		1	-1.05	1	Yes	Methyl Hydrazine	60-34-4			5.60E-01	5.60E-01	2.00E+01	1.50E+04	4.20E-02	4.20E-02	
				8.00E-02	H	3.00E+00	I	V		1	1.31	1	Yes	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					1.60E+03	4.90E+04	6.30E+03	1.20E+03	
						1.00E-03	C	V		1	0.79	1	Yes	Methyl Isocyanate	624-83-9							2.10E+00	2.10E+00	
				1.40E+00	I	7.00E-01	I	V		1	1.38	1	Yes	Methyl Methacrylate	80-62-6					2.80E+04	7.70E+05	1.50E+03	1.40E+03	
				2.50E-04	I					1	2.86	1	Yes	Methyl Parathion	298-00-0					5.00E+00	4.10E+01		4.50E+00	
				6.00E-02	X					1	-1	1	Yes	Methyl Phosphonic Acid	993-13-5					1.20E+03	1.20E+06		1.20E+03	
				6.00E-03	H	4.00E-02	H	V		1	3.44	1	Yes	Methyl Styrene (Mixed Isomers)	25013-15-4					1.20E+02	1.60E+02	8.30E+01	3.80E+01	
9.90E-02	C	2.80E-05	C							1	-0.66	1	Yes	Methyl methanesulfonate	66-27-3	7.90E+01	4.60E+04		7.90E+01					
1.80E-03	C	2.60E-07	C			3.00E+00	I	V		1	0.94	1	Yes	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.30E+03	1.90E+05	2.20E+03	1.40E+03			6.30E+03	6.30E+03	
				3.00E-04	X					1	-2.06	1	Yes	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					6.00E+00	5.90E+04		6.00E+00	
9.00E-03	P			2.00E-02	X					1	1.87	1	Yes	Methyl-5-Nitroaniline, 2-	99-55-8	8.70E+02	1.40E+04		8.10E+02	4.00E+02	7.30E+03		3.80E+02	
8.30E+00	C	2.40E-03	C							1	-0.92	1	Yes	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	9.40E-01	1.00E+03		9.40E-01					

RML
THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
1.30E-01	C	3.70E-05	C							1	-2.06	1	Yes	Methylaniline Hydrochloride, 2-	636-21-5	6.00E+01	3.70E+05		6.00E+01					
				1.00E-02	A					1	-1.18	1	Yes	Methylarsonic acid	124-58-3					2.00E+02	3.60E+05		2.00E+02	
				2.00E-04	X					1		0	No	Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					4.00E+00			4.00E+00	
1.00E-01	X			3.00E-04	X					1		0	No	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.80E+01			7.80E+01	6.00E+00			6.00E+00	
2.20E+01	C	6.30E-03	C						M	1	6.42	0.8	No	Methylcholanthrene, 3-	56-49-5	1.10E-01			1.10E-01					
2.00E-03	I	1.00E-08	I	6.00E-03	I	6.00E-01	I	V	M	1	1.25	1	Yes	Methylene Chloride	75-09-2	1.30E+03	3.40E+04	2.00E+04	1.10E+03	1.20E+02	3.70E+03	1.30E+03	1.10E+02	5.00E+00
1.00E-01	P	4.30E-04	C	2.00E-03	P				M	1	3.91	0.9	Yes	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.50E+01	4.20E+01		1.60E+01	4.00E+01	7.50E+01		2.60E+01	
4.60E-02	I	1.30E-05	C							1	4.37	1	Yes	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.70E+02	6.40E+01		4.60E+01					
1.60E+00	C	4.60E-04	C			2.00E-02	C			1	1.59	1	Yes	Methylenebisbenzenamine, 4,4'-	101-77-9	4.90E+00	1.60E+02		4.70E+00					
						6.00E-04	I			1	5.22	0.9	Yes	Methylenediphenyl Diisocyanate	101-68-8									
				7.00E-02	H			V		1	3.48	1	Yes	Methylstyrene, Alpha-	98-83-9					1.40E+03	1.70E+03		7.80E+02	
				1.50E-01	I					1	3.13	1	Yes	Metolachlor	51218-45-2					3.00E+03	2.60E+04		2.70E+03	
				2.50E-02	I					1	1.7	1	Yes	Metribuzin	21087-64-9					5.00E+02	1.80E+04		4.90E+02	
				3.00E+00	P			V		1	6.1	1	No	Mineral oils	8012-95-1					6.00E+04			6.00E+04	
1.80E+01	C	5.10E-03	C	2.00E-04	I			V		1	6.89	0.5	No	Mirex	2385-85-5	4.30E-01		1.10E-01	8.80E-02	4.00E+00			4.00E+00	
				2.00E-03	I					1	3.21	1	Yes	Molinate	2212-67-1					4.00E+01	1.20E+02		3.00E+01	
				5.00E-03	I					1		1	Yes	Molybdenum	7439-98-7					1.00E+02	2.30E+04		1.00E+02	
				1.00E-01	I					1		1	Yes	Monochloramine	10599-90-3					2.00E+03	4.50E+05		2.00E+03	4.00E+03
				2.00E-03	P					1	1.66	1	Yes	Monomethylaniline	100-61-8					4.00E+01	7.50E+02		3.80E+01	
				3.00E-04	X					1	4.04	0.9	Yes	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					6.00E+00	8.80E+00		3.60E+00	
				2.00E-03	I			V		1	1.38	1	Yes	Naled	300-76-5					4.00E+01	6.80E+03		4.00E+01	
				3.00E-02	X	1.00E-01	P	V		1		0	No	Naphtha, High Flash Aromatic (HFAN)	64742-95-6					6.00E+02		2.10E+02	1.50E+02	
1.80E+00	C	0.00E+00	C							1	2.28	1	Yes	Naphthylamine, 2-	91-59-8	4.30E+00	3.50E+01		3.90E+00					
				1.00E-01	I					1	3.36	0.9	Yes	Napropamide	15299-99-7					2.00E+03	8.90E+03		1.60E+03	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1		1	Yes	Nickel Acetate	373-02-4					2.20E+02	6.80E+05		2.20E+02	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1		1	Yes	Nickel Carbonate	3333-67-3					2.20E+02	1.40E+06		2.20E+02	
		2.60E-04	C	1.10E-02	C	1.40E-05	C	V		1		0	Yes	Nickel Carbonyl	13463-39-3			2.20E+00	2.20E+00	2.20E+02		2.90E-02	2.90E-02	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			0.04		1	Yes	Nickel Hydroxide	12054-48-7					2.20E+02	2.00E+03		2.00E+02	
		2.60E-04	C	1.10E-02	C	2.00E-05	C			0.04		1	Yes	Nickel Oxide	1313-99-1					2.20E+02	2.00E+03		2.00E+02	
		2.40E-04	I	1.10E-02	C	1.40E-05	C			0.04		0	Yes	Nickel Refinery Dust	NA					2.20E+02	1.00E+04		2.20E+02	
		2.60E-04	C	2.00E-02	I	9.00E-05	A			0.04		1	Yes	Nickel Soluble Salts	7440-02-0					4.00E+02	1.80E+04		3.90E+02	
1.70E+00	C	4.80E-04	I	1.10E-02	C	1.40E-05	C			0.04		1	Yes	Nickel Subsulfide	12035-72-2	4.60E+00	1.60E+02		4.50E+00	2.20E+02	1.00E+04		2.20E+02	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1		0	Yes	Nickelocene	1271-28-9					2.20E+02			2.20E+02	
				1.60E+00	I					1		1	Yes	Nitrate	14797-55-8					3.20E+04	7.30E+06		3.20E+04	1.00E+04
										1		0	Yes	Nitrate + Nitrite (as N)	NA									1.00E+04
				1.00E-01	I					1		1	Yes	Nitrite	14797-65-0					2.00E+03	4.50E+05		2.00E+03	1.00E+03
				1.00E-02	X	5.00E-05	X			1	1.85	1	Yes	Nitroaniline, 2-	88-74-4					2.00E+02	3.40E+03		1.90E+02	
2.00E-02	P			4.00E-03	P	6.00E-03	P			1	1.39	1	Yes	Nitroaniline, 4-	100-01-6	3.90E+02	1.20E+04		3.80E+02	8.00E+01	2.80E+03		7.80E+01	
		4.00E-05	I	2.00E-03	I	9.00E-03	I	V		1	1.85	1	Yes	Nitrobenzene	98-95-3			1.40E+01	1.40E+01	4.00E+01	6.20E+02	1.90E+01	1.30E+01	
				3.00E+03	P					1	-4.56	1	No	Nitrocellulose	9004-70-0					6.00E+07			6.00E+07	
				7.00E-02	H					1	-0.47	1	Yes	Nitrofurantoin	67-20-9					1.40E+03	1.60E+06		1.40E+03	
1.30E+00	C	3.70E-04	C							1	0.23	1	Yes	Nitrofurazone	59-87-0	6.00E+00	1.60E+03		6.00E+00					
1.70E-02	P			1.00E-04	P					1	1.62	1	Yes	Nitroglycerin	55-63-0	4.60E+02	1.80E+04		4.50E+02	2.00E+00	8.70E+01		2.00E+00	
				1.00E-01	I					1	-0.89	1	Yes	Nitroguanidine	556-88-7					2.00E+03	1.80E+06		2.00E+03	
		8.80E-06	P			5.00E-03	P	V		1	-0.35	1	Yes	Nitromethane	75-52-5			6.40E+01	6.40E+01			1.00E+01	1.00E+01	
		2.70E-03	H			2.00E-02	I	V		1	0.93	1	Yes	Nitropropane, 2-	79-46-9			2.10E-01	2.10E-01			4.20E+01	4.20E+01	
2.70E+01	C	7.70E-03	C						M	1	0.23	1	Yes	Nitroso-N-ethylurea, N-	759-73-9	9.30E-02	1.50E+01		9.20E-02					
1.20E+02	C	3.40E-02	C						M	1	-0.03	1	Yes	Nitroso-N-methylurea, N-	684-93-5	2.10E-02	4.50E+00		2.10E-02					
5.40E+00	I	1.60E-03	I					V		1	2.63	1	Yes	Nitroso-di-N-butylamine, N-	924-16-3	1.40E+00	7.60E+00	3.50E-01	2.70E-01					
7.00E+00	I	2.00E-03	C							1	1.36	1	Yes	Nitroso-di-N-propylamine, N-	621-64-7	1.10E+00	3.40E+01		1.10E+00					
2.80E+00	I	8.00E-04	C							1	-1.28	1	Yes	Nitrosodiethanolamine, N-	1116-54-7	2.80E+00	7.80E+03		2.80E+00					
1.50E+02	I	4.30E-02	I						M	1	0.48	1	Yes	Nitrosodiethylamine, N-	55-18-5	1.70E-02	1.60E+00		1.70E-02					
5.10E+01	I	1.40E-02	I	8.00E-06	P	4.00E-05	X	V	M	1	-0.57	1	Yes	Nitrosodimethylamine, N-	62-75-9	4.90E-02	1.90E+01	1.40E-02	1.10E-02	1.60E-01	7.40E+01	8.30E-02	5.50E-02	
4.90E-03	I	2.60E-06	C							1	3.13	1	Yes	Nitrosodiphenylamine, N-	86-30-6	1.60E+03	5.00E+03		1.20E+03					
2.20E+01	I	6.30E-03	C					V		1	0.04	1	Yes	Nitrosomethylethylamine, N-	10595-95-6	3.50E-01	6.20E+01	8.90E-02	7.10E-02					
6.70E+00	C	1.90E-03	C							1	-0.44	1	Yes	Nitrosomorpholine [N-]	59-89-2	1.20E+00	5.10E+02		1.20E+00					
9.40E+00	C	2.70E-03	C							1	0.36	1	Yes	Nitrosopiperidine [N-]	100-75-4	8.30E-01	1.00E+02		8.20E-01					
2.10E+00	I	6.10E-04	I							1	-0.19	1	Yes	Nitrosopyrrolidine, N-	930-55-2	3.70E+00	9.90E+02		3.70E+00					
				1.00E-04	X					1	2.45	1	Yes	Nitrotoluene, m-	99-08-1					2.00E+00	1.40E+01		1.70E+00	
2.20E-01	P			9.00E-04	P			V		1	2.3	1	Yes	Nitrotoluene, o-	88-72-2	3.50E+01	2.70E+02		3.10E+01	1.80E+01	1.50E+02		1.60E+01	
1.60E-02	P			4.00E-03	P					1	2.37	1	Yes	Nitrotoluene, p-	99-99-0	4.90E+02	3.30E+03		4.20E+02	8.00E+01	6.20E+02		7.10E+01	
				3.00E-04	X	2.00E-02	P	V		1	5.65	1	No	Nonane, n-	111-84-2					6.00E+00		4.20E+01	5.30E+00	
				4.00E-02	I					1	2.3	1	Yes	Norflurazon	27314-13-2					8.00E+02	2.00E+04		7.70E+02	
				7.00E-04	I					1	3.7	0.9	Yes	Nustar	85509-19-9					1.40E+01	4.90E+01		1.10E+01	

RML
HQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				3.00E-03	I					1	8.71	0.3	No	Octabromodiphenyl Ether	32536-52-0					6.00E+01			6.00E+01	
				5.00E-02	I					1	0.16	1	Yes	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					1.00E+03	6.30E+05		1.00E+03	
				2.00E-03	H					1	-1.01	1	Yes	Octamethylpyrophosphoramide	152-16-9					4.00E+01	1.40E+05		4.00E+01	
				5.00E-02	I					1	3.73	0.9	Yes	Oryzalin	19044-88-3					1.00E+03	4.10E+03		8.10E+02	
				5.00E-03	I					1	4.8	0.8	Yes	Oxadiazon	19666-30-9					1.00E+02	9.00E+01		4.70E+01	
				2.50E-02	I					1	-0.47	1	Yes	Oxamyl	23135-22-0					5.00E+02	5.00E+05		5.00E+02	2.00E+02
				1.30E-02	I					1	3.2	0.9	Yes	Paclobutrazol	76738-62-0					2.60E+02	1.70E+03		2.30E+02	
				4.50E-03	I					1	-4.5	1	No	Paraquat Dichloride	1910-42-5					9.00E+01			9.00E+01	
				6.00E-03	H					1	3.83	0.9	Yes	Parathion	56-38-2					1.20E+02	3.00E+02		8.60E+01	
				5.00E-02	H				V	1	3.83	1	Yes	Pebulate	1114-71-2					1.00E+03	1.30E+03		5.60E+02	
				4.00E-02	I					1	5.18	0.9	Yes	Pendimethalin	40487-42-1					8.00E+02	2.30E+02		1.80E+02	
				2.00E-03	I					1	6.84	0.6	No	Pentabromodiphenyl Ether	32534-81-9					4.00E+01			4.00E+01	
				1.00E-04	I					1	7.66	0.6	No	Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					2.00E+00			2.00E+00	
				8.00E-04	I				V	1	5.17	0.9	Yes	Pentachlorobenzene	608-93-5					1.60E+01	3.90E+00		3.20E+00	
9.00E-02	P								V	1	3.22	1	Yes	Pentachloroethane	76-01-7	8.70E+01	2.40E+02		6.40E+01					
2.60E-01	H			3.00E-03	I				V	1	4.64	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.00E+01	1.90E+01		1.20E+01	6.00E+01	4.40E+01		2.50E+01	
4.00E-01	I	5.10E-06	C	5.00E-03	I					1	5.12	0.9	Yes	Pentachlorophenol	87-86-5	1.90E+01	5.00E+00		4.00E+00	1.00E+02	2.90E+01		2.30E+01	1.00E+00
4.00E-03	X			2.00E-03	P					1	2.38	1	Yes	Pentaerythritol tetranitrate (PETN)	78-11-5	1.90E+03	4.10E+04		1.90E+03	4.00E+01	9.60E+02		3.90E+01	
						1.00E+00	P		V	1	3.39	1	Yes	Pentane, n-	109-66-0							2.10E+03	2.10E+03	
														Perchlorates										
				7.00E-04	I					1		1	Yes	~Ammonium Perchlorate	7790-98-9					1.40E+01	3.20E+03		1.40E+01	
				7.00E-04	I					1		1	Yes	~Lithium Perchlorate	7791-03-9					1.40E+01	3.20E+03		1.40E+01	
				7.00E-04	I					1		1	Yes	~Perchlorate and Perchlorate Salts	14797-73-0					1.40E+01	3.20E+03		1.40E+01	1.5E+01(F)
				7.00E-04	I					1		1	Yes	~Potassium Perchlorate	7778-74-7					1.40E+01	1.60E+03		1.40E+01	
				7.00E-04	I					1		1	Yes	~Sodium Perchlorate	7601-89-0					1.40E+01	3.20E+03		1.40E+01	
				2.00E-02	P				V	1	1.8173	1	Yes	Perfluorobutane Sulfonate	375-73-5					4.00E+02	8.30E+03		3.80E+02	
				5.00E-02	I					1	6.5	0.6	No	Permethrin	52645-53-1					1.00E+03			1.00E+03	
2.20E-03	C	6.30E-07	C							1	1.58	1	Yes	Phenacetin	62-44-2	3.50E+03	1.10E+05		3.40E+03					
				2.50E-01	I					1	3.59	0.9	Yes	Phenmedipham	13684-63-4					5.00E+03	1.90E+04		4.00E+03	
				3.00E-01	I	2.00E-01	C			1	1.46	1	Yes	Phenol	108-95-2					6.00E+03	1.40E+05		5.80E+03	
				5.00E-04	X					1	4.15	1	Yes	Phenothiazine	92-84-2					1.00E+01	7.50E+00		4.30E+00	
				6.00E-03	I					1	-0.33	1	Yes	Phenylenediamine, m-	108-45-2					1.20E+02	4.80E+04		1.20E+02	
4.70E-02	H									1	0.15	1	Yes	Phenylenediamine, o-	95-54-5	1.70E+02	2.80E+04		1.60E+02					
				1.90E-01	H					1	-0.3	1	Yes	Phenylenediamine, p-	106-50-3					3.80E+03	1.40E+06		3.80E+03	
1.90E-03	H									1	3.09	1	Yes	Phenylphenol, 2-	90-43-7	4.00E+03	1.10E+04		3.00E+03					
				2.00E-04	H					1	3.56	0.9	Yes	Phorate	298-02-2					4.00E+00	1.20E+01		3.00E+00	
						3.00E-04	I		V	1	-0.71	1		Phosgene	75-44-5									
				2.00E-02	I					1	2.78	1	Yes	Phosmet	732-11-6					4.00E+02	5.30E+03		3.70E+02	
														Phosphates, Inorganic										
				4.90E+01	P					1		1	Yes	~Aluminum metaphosphate	13776-88-0					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		0	Yes	~Ammonium polyphosphate	68333-79-9					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Calcium pyrophosphate	7790-76-3					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Diammonium phosphate	7783-28-0					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Dicalcium phosphate	7757-93-9					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Dimagnesium phosphate	7782-75-4					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Dipotassium phosphate	7758-11-4					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Disodium phosphate	7558-79-4					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Monoaluminum phosphate	13530-50-2					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Monoammonium phosphate	7722-76-1					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Monocalcium phosphate	7758-23-8					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Monomagnesium phosphate	7757-86-0					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Monopotassium phosphate	7778-77-0					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Monosodium phosphate	7558-80-7					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Polyphosphoric acid	8017-16-1					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		0.9	Yes	~Potassium tripolyphosphate	13845-36-8					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Sodium acid pyrophosphate	7758-16-9					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Sodium aluminum phosphate (acidic)	7785-88-8					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		0	Yes	~Sodium aluminum phosphate (anhydrous)	10279-59-1					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		0.8	Yes	~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		0.9	Yes	~Sodium hexametaphosphate	10124-56-8					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Sodium polyphosphate	68915-31-1					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Sodium trimetaphosphate	7785-84-4					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Sodium tripolyphosphate	7758-29-4					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Tetrapotassium phosphate	7320-34-5					9.70E+05	2.20E+08		9.70E+05	

RML
THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				4.90E+01	P					1		1	Yes	~Tetrasodium pyrophosphate	7722-88-5					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		0.8	Yes	~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Tricalcium phosphate	7758-87-4					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Trimagnesium phosphate	7757-87-1					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Tripotassium phosphate	7778-53-2					9.70E+05	2.20E+08		9.70E+05	
				4.90E+01	P					1		1	Yes	~Trisodium phosphate	7601-54-9					9.70E+05	2.20E+08		9.70E+05	
				3.00E-04	I	3.00E-04	I	V		1	-0.27	1	Yes	Phosphine	7803-51-2					6.00E+00	1.40E+03	6.30E-01	5.70E-01	
				4.90E+01	P	1.00E-02	I			1		1	Yes	Phosphoric Acid	7664-38-2					9.70E+05	2.20E+08		9.70E+05	
				2.00E-05	I			V		1	3.08	1	Yes	Phosphorus, White	7723-14-0					4.00E-01	9.10E+01		4.00E-01	
														Phthalates										
1.40E-02	I	2.40E-06	C	2.00E-02	I					1	7.6	0.8	No	~Bis(2-ethylhexyl)phthalate	117-81-7	5.60E+02			5.60E+02	4.00E+02			4.00E+02	6.00E+00
				1.00E+00	I					1	4.15	0.9	Yes	~Butylphthalyl Butylglycolate	85-70-1					2.00E+04	4.10E+04		1.30E+04	
				1.00E-01	I					1	4.5	0.9	Yes	~Dibutyl Phthalate	84-74-2					2.00E+03	1.60E+03		9.00E+02	
				8.00E-01	I					1	2.42	1	Yes	~Diethyl Phthalate	84-66-2					1.60E+04	2.00E+05		1.50E+04	
				1.00E-01	I			V		1	2.25	1	Yes	~Dimethylterephthalate	120-61-6					2.00E+03	2.70E+04		1.90E+03	
				1.00E-02	P					1	8.1	0	No	~Octyl Phthalate, di-N-	117-84-0					2.00E+02			2.00E+02	
				1.00E+00	H					1	2	1	Yes	~Phthalic Acid, P-	100-21-0					2.00E+04	3.30E+05		1.90E+04	
				2.00E+00	I	2.00E-02	C			1	1.6	1	Yes	~Phthalic Anhydride	85-44-9					4.00E+04	1.10E+06		3.90E+04	
				7.00E-02	I					1	1.9	1	Yes	Picloram	1918-02-1					1.40E+03	4.30E+04		1.40E+03	5.00E+02
				1.00E-04	X					1	0.93	1	Yes	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.00E+00	2.10E+02		2.00E+00	
				1.00E-02	I					1	4.2	0.9	Yes	Pirimiphos, Method	29232-93-7					2.00E+02	3.10E+02		1.20E+02	
3.00E+01	C	8.60E-03	C	7.00E-06	H					1		0	No	Polybrominated Biphenyls	59536-65-1	2.60E-01			2.60E-01	1.40E-01			1.40E-01	
														Polychlorinated Biphenyls (PCBs)										
7.00E-02	S	2.00E-05	S	7.00E-05	I			V		1	5.69	0.9	No	~Aroclor 1016	12674-11-2	1.10E+02		2.80E+01	2.20E+01	1.40E+00			1.40E+00	
2.00E+00	S	5.70E-04	S					V		1	4.65	1	Yes	~Aroclor 1221	11104-28-2	3.90E+00	1.10E+00	9.80E-01	4.60E-01					
2.00E+00	S	5.70E-04	S					V		1	4.4	1	Yes	~Aroclor 1232	11141-16-5	3.90E+00	1.10E+00	9.80E-01	4.60E-01					
2.00E+00	S	5.70E-04	S					V		1	6.34	0.7	No	~Aroclor 1242	53469-21-9	3.90E+00		9.80E-01	7.80E-01					
2.00E+00	S	5.70E-04	S					V		1	6.2	0.7	No	~Aroclor 1248	12672-29-6	3.90E+00		9.80E-01	7.80E-01					
2.00E+00	S	5.70E-04	S	2.00E-05	I			V		1	6.5	0.5	No	~Aroclor 1254	11097-69-1	3.90E+00		9.80E-01	7.80E-01	4.00E-01			4.00E-01	
2.00E+00	S	5.70E-04	S					V		1	7.55	0	No	~Aroclor 1260	11096-82-5	3.90E+00		9.80E-01	7.80E-01					
				6.00E-04	X			V		1	6.34	0.7	No	~Aroclor 5460	11126-42-4					1.20E+01			1.20E+01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	8.27	0	No	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	7.5	0	No	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	7.6	0	No	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	7.6	0	No	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+03	E	1.10E+00	E	2.30E-08	E	1.30E-06	E	V		1	7.41	0.1	No	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	2.00E-03		4.90E-04	4.00E-04	4.70E-04		2.80E-03	4.00E-04	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	6.98	0.4	No	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	7.12	0.3	No	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	6.79	0.5	No	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	6.98	0.4	No	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	2.00E+00		4.90E-01	4.00E-01	4.70E-01		2.80E+00	4.00E-01	
1.30E+04	E	3.80E+00	E	7.00E-09	E	4.00E-07	E	V		1	6.98	0.4	No	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	6.00E-04		1.50E-04	1.20E-04	1.40E-04		8.30E-04	1.20E-04	
2.00E+00	I	5.70E-04	I					V		1	7.1	0.7		~Polychlorinated Biphenyls (high risk)	1336-36-3									
4.00E-01	I	1.00E-04	I					V		1	7.1	0.7	No	~Polychlorinated Biphenyls (low risk)	1336-36-3	1.90E+01		5.60E+00	4.40E+00					5.00E-01
7.00E-02	I	2.00E-05	I					V		1	7.1	0.7		~Polychlorinated Biphenyls (lowest risk)	1336-36-3									
1.30E+01	E	3.80E-03	E	7.00E-06	E	4.00E-04	E			1	6.63	0.6	No	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	6.00E-01			6.00E-01	1.40E-01			1.40E-01	
3.90E+01	E	1.10E-02	E	2.30E-06	E	1.30E-04	E	V		1	6.34	0.7	No	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.00E-01		4.90E-02	4.00E-02	4.70E-02		2.80E-01	4.00E-02	
						6.00E-04	I			1	10.46	0	No	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9									
														Polynuclear Aromatic Hydrocarbons (PAHs)										
				6.00E-02	I			V		1	3.92	1	Yes	~Acenaphthene	83-32-9					1.20E+03	9.60E+02		5.30E+02	
				3.00E-01	I			V		1	4.45	1	Yes	~Anthracene	120-12-7					6.00E+03	2.50E+03		1.80E+03	
7.30E-01	E	1.10E-04	C					V	M	1	5.76	1	No	~Benz[a]anthracene	56-55-3	3.40E+00		1.80E+00	1.20E+00					
1.20E+00	C	1.10E-04	C							1	6.11	0.9	No	~Benzo(j)fluoranthene	205-82-3	6.50E+00			6.50E+00					
7.30E+00	I	1.10E-03	C						M	1	6.13	1	No	~Benzo[a]pyrene	50-32-8	3.40E-01			3.40E-01					2.00E-01
7.30E-01	E	1.10E-04	C						M	1	5.78	1	No	~Benzo[b]fluoranthene	205-99-2	3.40E+00			3.40E+00					
7.30E-02	E	1.10E-04	C						M	1	6.11	0.9	No	~Benzo[k]fluoranthene	207-08-9	3.40E+01			3.40E+01					
				8.00E-02	I			V		1	3.9	1	Yes	~Chloronaphthalene, Beta-	91-58-7					1.60E+03	1.40E+03		7.50E+02	
7.30E-03	E	1.10E-05	C						M	1	5.81	1	No	~Chrysene	218-01-9	3.40E+02			3.40E+02					
7.30E+00	E	1.20E-03	C						M	1	6.75	0.6	No	~Dibenz[a,h]anthracene	53-70-3	3.40E-01			3.40E-01					
1.20E+01	C	1.10E-03	C							1	7.71	0.3	No	~Dibenzo(a,e)pyrene	192-65-4	6.50E-01			6.50E-01					
2.50E+02	C	7.10E-02	C						M	1	5.8	0.9	No	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.00E-02			1.00E-02					
				4.00E-02	I					1	5.16	1	No	~Fluoranthene	206-44-0					8.00E+02			8.00E+02	
				4.00E-02	I			V		1	4.18	1	Yes	~Fluorene	86-73-7					8.00E+02	4.60E+02		2.90E+02	
7.30E-01	E	1.10E-04	C						M	1	6.7	0.6	No	~Indeno[1,2,3-cd]pyrene	193-39-5	3.40E+00			3.40E+00					
2.90E-02	P			7.00E-02	A			V		1	3.87	1	Yes	~Methylnaphthalene, 1-	90-12-0	2.70E+02	1.90E+02		1.10E+02	1.40E+03	1.10E+03		6.20E+02	

RML HQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				4.00E-03	I			V		1	3.86	1	Yes	~Methylnaphthalene, 2-	91-57-6					8.00E+01	6.50E+01		3.60E+01	
		3.40E-05	C	2.00E-02	I	3.00E-03	I	V		1	3.3	1	Yes	~Naphthalene	91-20-3			1.70E+01	1.70E+01	4.00E+02	7.00E+02	6.30E+00	6.10E+00	
1.20E+00	C	1.10E-04	C							1	4.75	0.9	Yes	~Nitropyrene, 4-	57835-92-4	6.50E+00	2.60E+00		1.90E+00					
				3.00E-02	I			V		1	4.88	1	Yes	~Pyrene	129-00-0					6.00E+02	1.50E+02		1.20E+02	
				2.00E-02	P					1	-0.33	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-3					4.00E+02	2.80E+05		4.00E+02	
1.50E-01	I			9.00E-03	I					1	4.1	0.9	Yes	Prochloraz	67747-09-5	5.20E+01	1.30E+02		3.70E+01	1.80E+02	5.10E+02		1.30E+02	
				6.00E-03	H			V		1	5.58	0.8	Yes	Profluralin	26399-36-0					1.20E+02	3.30E+01		2.60E+01	
				1.50E-02	I					1	2.99	1	Yes	Prometon	1610-18-0					3.00E+02	1.60E+03		2.50E+02	
				4.00E-03	I					1	3.51	0.9	Yes	Prometryn	7287-19-6					8.00E+01	2.30E+02		6.00E+01	
				1.30E-02	I					1	2.18	1	Yes	Propachlor	1918-16-7					2.60E+02	4.30E+03		2.50E+02	
				5.00E-03	I					1	3.07	1	Yes	Propanil	709-98-8					1.00E+02	4.40E+02		8.20E+01	
				2.00E-02	I					1	5	0.8	Yes	Propargite	2312-35-8					4.00E+02	2.70E+02		1.60E+02	
				2.00E-03	I			V		1	-0.38	1	Yes	Propargyl Alcohol	107-19-7					4.00E+01	1.20E+04		4.00E+01	
				2.00E-02	I					1	2.93	1	Yes	Propazine	139-40-2					4.00E+02	2.40E+03		3.40E+02	
				2.00E-02	I					1	2.6	1	Yes	Propham	122-42-9					4.00E+02	2.80E+03		3.50E+02	
				1.30E-02	I					1	3.72	0.9	Yes	Propiconazole	60207-90-1					2.60E+02	1.10E+03		2.10E+02	
						8.00E-03	I	V		1	0.59	1	Yes	Propionaldehyde	123-38-6							1.70E+01	1.70E+01	
				1.00E-01	X	1.00E+00	X	V		1	3.69	1	Yes	Propyl benzene	103-65-1					2.00E+03	1.80E+03	2.10E+03	6.60E+02	
						3.00E+00	C	V		1	1.77	1	Yes	Propylene	115-07-1							6.30E+03	6.30E+03	
				2.00E+01	P					1	-0.92	1	Yes	Propylene Glycol	57-55-6					4.00E+05	3.20E+08		4.00E+05	
						2.70E-04	A			1	1.59	1	Yes	Propylene Glycol Dinitrate	6423-43-4									
				7.00E-01	H			V		1	0.002	1	Yes	Propylene Glycol Monoethyl Ether	1569-02-4					1.40E+04	3.30E+06		1.40E+04	
				7.00E-01	H	2.00E+00	I	V		1	-0.49	1	Yes	Propylene Glycol Monomethyl Ether	107-98-2					1.40E+04	3.90E+06	4.20E+03	3.20E+03	
2.40E-01	I	3.70E-06	I			3.00E-02	I	V		1	0.03	1	Yes	Propylene Oxide	75-56-9	3.20E+01	4.50E+03	1.50E+02	2.70E+01			6.30E+01	6.30E+01	
				2.50E-01	I					1	2.6	1	Yes	Pursuit	81335-77-5					5.00E+03	7.20E+04		4.70E+03	
				2.50E-02	I					1	6.2	0.7	No	Pydrin	51630-58-1					5.00E+02			5.00E+02	
				1.00E-03	I			V		1	0.65	1	Yes	Pyridine	110-86-1					2.00E+01	1.50E+03		2.00E+01	
				5.00E-04	I					1	4.44	0.9	Yes	Quinalphos	13593-03-8					1.00E+01	1.00E+01		5.10E+00	
3.00E+00	I									1	2.03	1	Yes	Quinoline	91-22-5	2.60E+00	2.80E+01		2.40E+00					
						3.00E-02	A			1		0	Yes	Refractory Ceramic Fibers	NA									
				3.00E-02	I					1	6.14	0.7	Yes	Resmethrin	10453-86-8					6.00E+02	7.60E+01		6.70E+01	
				5.00E-02	H			V		1	4.88	0.8	Yes	Ronnel	299-84-3					1.00E+03	6.80E+02		4.10E+02	
				4.00E-03	I					1	4.1	0.9	Yes	Rotenone	83-79-4					8.00E+01	2.60E+02		6.10E+01	
2.20E-01	C	6.30E-05	C						M	1	3.45	1	Yes	Safrole	94-59-7	1.10E+01	5.90E+01		9.50E+00					
				2.50E-02	I					1	5.57	0.8	Yes	Savey	78587-05-0					5.00E+02	1.40E+02		1.10E+02	
				5.00E-03	I					1		1	Yes	Selenious Acid	7783-00-8					1.00E+02	2.30E+04		1.00E+02	
				5.00E-03	I	2.00E-02	C			1		1	Yes	Selenium	7782-49-2					1.00E+02	2.30E+04		1.00E+02	5.00E+01
				5.00E-03	C	2.00E-02	C			1		1	Yes	Selenium Sulfide	7446-34-6					1.00E+02	2.30E+04		1.00E+02	
				9.00E-02	I					1	4.38	0.9	Yes	Sethoxydim	74051-80-2					1.80E+03	2.40E+03		1.00E+03	
						3.00E-03	C			1		1	Yes	Silica (crystalline, respirable)	7631-86-9									
				5.00E-03	I					0.04		1	Yes	Silver	7440-22-4					1.00E+02	1.50E+03		9.40E+01	
1.20E-01	H			5.00E-03	I					1	2.18	1	Yes	Simazine	122-34-9	6.50E+01	8.90E+02		6.10E+01	1.00E+02	1.60E+03		9.40E+01	4.00E+00
				1.30E-02	I					1	0.37	1	Yes	Sodium Acifluorfen	62476-59-9					2.60E+02	2.10E+05		2.60E+02	
				4.00E-03	I					1		1	Yes	Sodium Azide	26628-22-8					8.00E+01	1.80E+04		8.00E+01	
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025		1	Yes	Sodium Dichromate	10588-01-9	5.00E+00	2.30E+01		4.10E+00	4.00E+02	2.30E+03		3.40E+02	
2.70E-01	H			3.00E-02	I					1	-1.431	1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.90E+01	8.20E+04		2.90E+01	6.00E+02	1.90E+06		6.00E+02	
				5.00E-02	A	1.30E-02	C			1		1	Yes	Sodium Fluoride	7681-49-4					1.00E+03	2.30E+05		1.00E+03	
				2.00E-05	I					1	-3.78	1	No	Sodium Fluoroacetate	62-74-8					4.00E-01			4.00E-01	
				1.00E-03	H					1		1	Yes	Sodium Metavanadate	13718-26-8					2.00E+01	4.50E+03		2.00E+01	
2.40E-02	H			3.00E-02	I					1	3.53	0.9	Yes	Stirofos (Tetrachlorovinphos)	961-11-5	3.20E+02	1.80E+03		2.80E+02	6.00E+02	3.80E+03		5.20E+02	
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025		1	Yes	Strontium Chromate	7789-06-2	5.00E+00	2.30E+01		4.10E+00	4.00E+02	2.30E+03		3.40E+02	
				6.00E-01	I					1		1	Yes	Strontium, Stable	7440-24-6					1.20E+04	2.70E+06		1.20E+04	
				3.00E-04	I					1	1.93	1	Yes	Strychnine	57-24-9					6.00E+00	3.20E+02		5.90E+00	
				2.00E-01	I	1.00E+00	I	V		1	2.95	1	Yes	Styrene	100-42-5					4.00E+03	1.00E+04	2.10E+03	1.20E+03	1.00E+02
				3.00E-03	P					1	3.1	1	Yes	Styrene-Acrylonitrile (SAN) Trimer	NA					6.00E+01	2.40E+02		4.80E+01	
				1.00E-03	P	2.00E-03	X			1	-0.77	1	Yes	Sulfolane	126-33-0					2.00E+01	1.70E+04		2.00E+01	
				8.00E-04	P					1	3.9	0.9	Yes	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					1.60E+01	3.50E+01		1.10E+01	
						1.00E-03	C	V		1		1	Yes	Sulfur Trioxide	7446-11-9							2.10E+00	2.10E+00	
						1.00E-03	C			1		1	Yes	Sulfuric Acid	7664-93-9									
				2.50E-02	I					1	2.94	0.9	Yes	Systhane	88671-89-0					5.00E+02	4.80E+03		4.50E+02	
				3.00E-02	H					1	3.3	0.9	Yes	TCMTB	21564-17-0					6.00E+02	2.40E+03		4.80E+02	
				7.00E-02	I					1	1.79	1	Yes	Tebuthiuron	34014-18-1					1.40E+03	4.70E+04		1.40E+03	
				2.00E-02	H					1	5.96	0.7	No	Temephos	3383-96-8					4.00E+02			4.00E+02	
				1.30E-02	I					1	1.89	1	Yes	Terbacil	5902-51-2					2.60E+02	7.00E+03		2.50E+02	

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				2.50E-05	H			V		1	4.48	0.9	Yes	Terbufos	13071-79-9					5.00E-01	4.50E-01		2.40E-01	
				1.00E-03	I					1	3.74	0.9	Yes	Terbutryn	886-50-0					2.00E+01	4.10E+01		1.30E+01	
				1.00E-04	I					1	6.77	0.6	No	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					2.00E+00			2.00E+00	
				3.00E-04	I			V		1	4.64	1	Yes	Tetrachlorobenzene, 1,2,4,5-	95-94-3					6.00E+00	2.40E+00		1.70E+00	
2.60E-02	I	7.40E-06	I	3.00E-02	I			V		1	2.93	1	Yes	Tetrachloroethane, 1,1,1,2-	630-20-6	3.00E+02	1.00E+03	7.60E+01	5.70E+01	6.00E+02	2.40E+03		4.80E+02	
2.00E-01	I	5.80E-05	C	2.00E-02	I			V		1	2.39	1	Yes	Tetrachloroethane, 1,1,2,2-	79-34-5	3.90E+01	3.10E+02	9.70E+00	7.60E+00	4.00E+02	3.60E+03		3.60E+02	
2.10E-03	I	2.60E-07	I	6.00E-03	I	4.00E-02	I	V		1	3.4	1	Yes	Tetrachloroethylene	127-18-4	3.70E+03	6.30E+03	2.20E+03	1.10E+03	1.20E+02	2.30E+02	8.30E+01	4.10E+01	5.00E+00
				3.00E-02	I					1	4.45	0.9	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2					6.00E+02	3.90E+02		2.40E+02	
2.00E+01	H							V		1	4.54	0.9	Yes	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.90E-01	1.90E-01		1.30E-01					
				5.00E-04	I					1	3.99	0.9	Yes	Tetraethyl Dithiopyrophosphate	3689-24-5					1.00E+01	2.40E+01		7.10E+00	
						8.00E+01	I	V		1	1.68	1	Yes	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.70E+05	1.70E+05	
				2.00E-03	P					1	1.64	1	Yes	Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.00E+01	2.50E+03		3.90E+01	
				7.00E-06	X					1		1	Yes	Thallium (I) Nitrate	10102-45-1					1.40E-01	3.20E+01		1.40E-01	
				1.00E-05	X					1		1	Yes	Thallium (Soluble Salts)	7440-28-0					2.00E-01	4.50E+01		2.00E-01	2.00E+00
				6.00E-06	X			V		1	-0.17	1	Yes	Thallium Acetate	563-68-8					1.20E-01	1.00E+02		1.20E-01	
				2.00E-05	X					1		1	Yes	Thallium Carbonate	6533-73-9					4.00E-01	3.70E+03		4.00E-01	
				6.00E-06	X					1		1	Yes	Thallium Chloride	7791-12-0					1.20E-01	2.70E+01		1.20E-01	
				2.00E-05	X					1		0.9	Yes	Thallium Sulfate	7446-18-6					4.00E-01	9.10E+01		4.00E-01	
				1.00E-02	I					1	3.4	0.9	Yes	Thiobencarb	28249-77-6					2.00E+02	7.70E+02		1.60E+02	
				7.00E-02	X					1	-0.63	1	Yes	Thiodiglycol	111-48-8					1.40E+03	9.60E+05		1.40E+03	
				3.00E-04	H					1	2.16	1	Yes	Thiofanox	39196-18-4					6.00E+00	4.40E+01		5.30E+00	
				8.00E-02	I					1	1.4	1	Yes	Thiophanate, Methyl	23564-05-8					1.60E+03	2.00E+05		1.60E+03	
				5.00E-03	I					1	1.73	1	Yes	Thiram	137-26-8					1.00E+02	4.00E+03		9.80E+01	
				6.00E-01	H					1		1	Yes	Tin	7440-31-5					1.20E+04	2.70E+06		1.20E+04	
						1.00E-04	A	V		1		1	Yes	Titanium Tetrachloride	7550-45-0							2.10E-01	2.10E-01	
				8.00E-02	I	5.00E+00	I	V		1	2.73	1	Yes	Toluene	108-88-3					1.60E+03	5.30E+03	1.00E+04	1.10E+03	1.00E+03
1.80E-01	X			2.00E-04	X					1	0.16	1	Yes	Toluene-2,5-diamine	95-70-5	4.30E+01	7.90E+03		4.30E+01	4.00E+00	8.30E+02		4.00E+00	
3.00E-02	P			4.00E-03	X					1	1.39	1	Yes	Toluidine, p-	106-49-0	2.60E+02	6.50E+03		2.50E+02	8.00E+01	2.30E+03		7.70E+01	
				3.00E+00	P			V		1	6.1	1	No	Total Petroleum Hydrocarbons (Aliphatic High)	NA					6.00E+04			6.00E+04	
						6.00E-01	P	V		1	3.9	1	Yes	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							1.30E+03	1.30E+03	
				1.00E-02	X	1.00E-01	P	V		1	5.65	1	No	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					2.00E+02		2.10E+02	1.00E+02	
				4.00E-02	P					1	5.16	1	No	Total Petroleum Hydrocarbons (Aromatic High)	NA					8.00E+02			8.00E+02	
				4.00E-03	P	3.00E-02	P	V		1	2.13	1	Yes	Total Petroleum Hydrocarbons (Aromatic Low)	NA					8.00E+01	6.00E+02	6.30E+01	3.30E+01	
				4.00E-03	P	3.00E-03	P	V		1	3.58	1	Yes	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					8.00E+01	9.00E+01	6.30E+00	5.50E+00	
1.10E+00	I	3.20E-04	I							1	5.9	0.8	Yes	Toxaphene	8001-35-2	7.10E+00	1.90E+00		1.50E+00					3.00E+00
				7.50E-03	I					1	7.56	0.5	No	Tralomethrin	66841-25-6					1.50E+02			1.50E+02	
				3.00E-04	A			V		1	4.1	0.9	Yes	Tri-n-butyltin	688-73-3					6.00E+00	9.80E+00		3.70E+00	
				8.00E+01	X					1	0.25	1	Yes	Triacetin	102-76-1					1.60E+06	5.30E+08		1.60E+06	
				1.30E-02	I			V		1	4.6	0.9	Yes	Triallate	2303-17-5					2.60E+02	2.20E+02		1.20E+02	
				1.00E-02	I					1	1.1	1	Yes	Triasulfuron	82097-50-5					2.00E+02	6.00E+04		2.00E+02	
				5.00E-03	I			V		1	4.66	0.9	Yes	Tribromobenzene, 1,2,4-	615-54-3					1.00E+02	8.10E+01		4.50E+01	
9.00E-03	P			1.00E-02	P					1	4	0.9	Yes	Tributyl Phosphate	126-73-8	8.70E+02	1.20E+03		5.10E+02	2.00E+02	3.30E+02		1.20E+02	
				3.00E-04	P					1		0	No	Tributyltin Compounds	NA					6.00E+00			6.00E+00	
				3.00E-04	I					1	4.05	1	Yes	Tributyltin Oxide	56-35-9					6.00E+00	9.50E+01		5.70E+00	
				3.00E+01	I	3.00E+01	H	V		1	3.16	1	Yes	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					6.00E+05	1.90E+06	6.30E+04	5.50E+04	
7.00E-02	I			2.00E-02	I					1	1.33	1	Yes	Trichloroacetic Acid	76-03-9	1.10E+02	4.40E+03		1.10E+02	4.00E+02	1.80E+04		3.90E+02	6.00E+01
2.90E-02	H									1	-0.67	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.70E+02	3.60E+05		2.70E+02					
7.00E-03	X			3.00E-05	X					1	3.52	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.10E+03	1.90E+03		7.00E+02	6.00E-01	1.20E+00		4.00E-01	
				8.00E-04	X			V		1	4.05	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6					1.60E+01	1.30E+01		7.00E+00	
2.90E-02	P			1.00E-02	I	2.00E-03	P	V		1	4.02	1	Yes	Trichlorobenzene, 1,2,4-	120-82-1	2.70E+02	1.90E+02		1.10E+02	2.00E+02	1.60E+02	4.20E+00	4.00E+00	7.00E+01
				2.00E+00	I	5.00E+00	I	V		1	2.49	1	Yes	Trichloroethane, 1,1,1-	71-55-6					4.00E+04	2.50E+05	1.00E+04	8.00E+03	2.00E+02
5.70E-02	I	1.60E-05	I	4.00E-03	I	2.00E-04	X	V		1	1.89	1	Yes	Trichloroethane, 1,1,2-	79-00-5	1.40E+02	1.90E+03	3.50E+01	2.80E+01	8.00E+01	1.30E+03	4.20E-01	4.10E-01	5.00E+00
4.60E-02	I	4.10E-06	I	5.00E-04	I	2.00E-03	I	V	M	1	2.42	1	Yes	Trichloroethylene	79-01-6	1.20E+02	7.20E+02	9.60E+01	4.90E+01	1.00E+01	6.90E+01	4.20E+00	2.80E+00	5.00E+00
				3.00E-01	I	7.00E-01	H	V		1	2.53	1	Yes	Trichlorofluoromethane	75-69-4					6.00E+03	3.60E+04	1.50E+03	1.10E+03	
				1.00E-01	I					1	3.72	1	Yes	Trichlorophenol, 2,4,5-	95-95-4					2.00E+03	2.90E+03		1.20E+03	
1.10E-02	I	3.10E-06	I	1.00E-03	P					1	3.69	1	Yes	Trichlorophenol, 2,4,6-	88-06-2	7.10E+02	9.40E+02		4.00E+02	2.00E+01	3.00E+01		1.20E+01	
				1.00E-02	I					1	3.31	0.9	Yes	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					2.00E+02	8.70E+02		1.60E+02	
				8.00E-03	I					1	3.8	0.9	Yes	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					1.60E+02	3.60E+02		1.10E+02	5.00E+01
				5.00E-03	I			V		1	2.43	1	Yes	Trichloropropane, 1,1,2-	598-77-6					1.00E+02	7.50E+02		8.80E+01	
3.00E+01	I			4.00E-03	I	3.00E-04	I	V	M	1	2.27	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.40E-02	7.10E-01		7.50E-02	8.00E+01	7.70E+02	6.30E-01	6.20E-01	
				3.00E-03	X	3.00E-04	P	V		1	2.78	1	Yes	Trichloropropene, 1,2,3-	96-19-5					6.00E+01	2.60E+02	6.30E-01	6.20E-01	
				2.00E-02	A					1	5.11	0.8	Yes	Tricresyl Phosphate (TCP)	1330-78-5					4.00E+02	2.60E+02		1.60E+02	
				3.00E-03	I					1	5.18	0.8	Yes	Tridiphane	58138-08-2					6.00E+01	2.60E+01		1.80E+01	
						7.00E-03	I	V		1	1.45	1	Yes	Triethylamine	121-44-8							1.50E+01	1.50E+01	

RML
THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer CHILD 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	LOGP	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-4 (µg/L)	Dermal SL TR=1.0E-4 (µg/L)	Inhalation SL TR=1.0E-4 (µg/L)	Carcinogenic SL TR=1.0E-4 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)
				2.00E+00	P					1	-1.75	1	Yes	Triethylene Glycol	112-27-6					4.00E+04	1.80E+08		4.00E+04	
7.70E-03	I			7.50E-03	I			V		1	5.34	0.8	Yes	Trifluralin	1582-09-8	1.00E+03	3.30E+02		2.50E+02	1.50E+02	5.50E+01		4.00E+01	
2.00E-02	P			1.00E-02	P					1	-0.65	1	Yes	Trimethyl Phosphate	512-56-1	3.90E+02	2.70E+05		3.90E+02	2.00E+02	1.60E+05		2.00E+02	
						5.00E-03	P	V		1	3.66	1	Yes	Trimethylbenzene, 1,2,3-	526-73-8							1.00E+01	1.00E+01	
						7.00E-03	P	V		1	3.63	1	Yes	Trimethylbenzene, 1,2,4-	95-63-6							1.50E+01	1.50E+01	
				1.00E-02	X			V		1	3.42	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8					2.00E+02	2.80E+02		1.20E+02	
				3.00E-02	I					1	1.18	1	Yes	Trinitrobenzene, 1,3,5-	99-35-4					6.00E+02	4.70E+04		5.90E+02	
3.00E-02	I			5.00E-04	I					1	1.6	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7	2.60E+02	1.00E+04		2.50E+02	1.00E+01	4.50E+02		9.80E+00	
				2.00E-02	P					1	2.83	1	Yes	Triphenylphosphine Oxide	791-28-6					4.00E+02	3.80E+03		3.60E+02	
				2.00E-02	A					1	3.65	0.9	Yes	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					4.00E+02	3.20E+03		3.60E+02	
				1.00E-02	X					1	2.59	1	Yes	Tris(1-chloro-2-propyl)phosphate	13674-84-5					2.00E+02	3.80E+03		1.90E+02	
2.30E+00	C	6.60E-04	C					V		1	4.29	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.40E+00		8.50E-01	6.80E-01					
2.00E-02	P			7.00E-03	P					1	1.44	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.90E+02	2.90E+04		3.80E+02	1.40E+02	1.20E+04		1.40E+02	
3.20E-03	P			1.00E-01	P					1	9.49	0	No	Tris(2-ethylhexyl)phosphate	78-42-2	2.40E+03			2.40E+03	2.00E+03			2.00E+03	
				3.00E-03	I	4.00E-05	A			1		1	Yes	Uranium (Soluble Salts)	NA					6.00E+01	1.40E+04		6.00E+01	3.00E+01
1.00E+00	C	2.90E-04	C						M	1	-0.15	1	Yes	Urethane	51-79-6	2.50E+00	5.90E+02		2.50E+00					
		8.30E-03	P	9.00E-03	I	7.00E-06	P			0.026		1	Yes	Vanadium Pentoxide	1314-62-1					1.80E+02	1.10E+03		1.50E+02	
				5.00E-03	S	1.00E-04	A			0.026		1	Yes	Vanadium and Compounds	7440-62-2					1.00E+02	6.00E+02		8.60E+01	
				1.00E-03	I			V		1	3.84	1	Yes	Vernolate	1929-77-7					2.00E+01	2.50E+01		1.10E+01	
				2.50E-02	I					1	3.1	0.9	Yes	Vinclozolin	50471-44-8					5.00E+02	3.70E+03		4.40E+02	
				1.00E+00	H	2.00E-01	I	V		1	0.73	1	Yes	Vinyl Acetate	108-05-4					2.00E+04	1.40E+06	4.20E+02	4.10E+02	
		3.20E-05	H			3.00E-03	I	V		1	1.57	1	Yes	Vinyl Bromide	593-60-2			1.80E+01	1.80E+01			6.30E+00	6.30E+00	
7.20E-01	I	4.40E-06	I	3.00E-03	I	1.00E-01	I	V	M	1	1.62	1	Yes	Vinyl Chloride	75-01-4	2.10E+00	2.70E+01	3.40E+01	1.90E+00	6.00E+01	8.90E+02	2.10E+02	4.40E+01	2.00E+00
				3.00E-04	I					1	2.7	1	Yes	Warfarin	81-81-2					6.00E+00	8.40E+01		5.60E+00	
				2.00E-01	S	1.00E-01	S	V		1	3.15	1	Yes	Xylene, P-	106-42-3					4.00E+03	7.60E+03	2.10E+02	1.90E+02	
				2.00E-01	S	1.00E-01	S	V		1	3.2	1	Yes	Xylene, m-	108-38-3					4.00E+03	7.10E+03	2.10E+02	1.90E+02	
				2.00E-01	S	1.00E-01	S	V		1	3.12	1	Yes	Xylene, o-	95-47-6					4.00E+03	8.00E+03	2.10E+02	1.90E+02	
				2.00E-01	I	1.00E-01	I	V		1	3.16	1	Yes	Xylenes	1330-20-7					4.00E+03	7.50E+03	2.10E+02	1.90E+02	1.00E+04
				3.00E-04	I					1		1	Yes	Zinc Phosphide	1314-84-7					6.00E+00	2.30E+03		6.00E+00	
				3.00E-01	I					1		1	Yes	Zinc and Compounds	7440-66-6					6.00E+03	2.30E+06		6.00E+03	
				5.00E-02	I					1	1.3	1	Yes	Zineb	12122-67-7					1.00E+03	9.70E+04		9.90E+02	
				8.00E-05	X					1		1	Yes	Zirconium	7440-67-7					1.60E+00	3.60E+02		1.60E+00	

RML (HQ=1.0)

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Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
1.80E-02	C	5.10E-06	C	1.50E-01	I					1	0.1		1.36E+09		ALAR	1596-84-5	1.80E+04	4.30E+04	3.30E+08	1.30E+04	1.80E+05	4.10E+05		1.20E+05
8.70E-03	I			4.00E-03	I					1	0.1		1.36E+09		Acephate	30560-19-1	3.80E+04	8.90E+04		2.60E+04	4.70E+03	1.10E+04		3.30E+03
		2.20E-06	I			9.00E-03	I	V		1		1.07E+05	1.36E+09	8.72E+03	Acetaldehyde	75-07-0			4.90E+03	4.90E+03			3.40E+02	3.40E+02
				2.00E-02	I					1	0.1		1.36E+09		Acetochlor	34256-82-1					2.30E+04	5.50E+04		1.60E+04
				9.00E-01	I	3.10E+01	A	V		1		1.14E+05	1.36E+09	1.37E+04	Acetone	67-64-1					1.10E+06		1.80E+06	6.70E+05
						2.00E-03	X	V		1		1.06E+05	1.36E+09	2.38E+04	Acetone Cyanohydrin	75-86-5							2.10E+02	2.10E+02
						6.00E-02	I	V		1		1.28E+05	1.36E+09	1.30E+04	Acetonitrile	75-05-8							3.40E+03	3.40E+03
				1.00E-01	I			V		1		2.52E+03	1.36E+09	5.97E+04	Acetophenone	98-86-2					1.20E+05			1.20E+05
3.80E+00	C	1.30E-03	C							1	0.1		1.36E+09		Acetylaminofluorene, 2-	53-96-3	8.60E+01	2.00E+02	1.30E+06	6.00E+01				
				5.00E-04	I	2.00E-05	I	V		1		2.27E+04	1.36E+09	6.91E+03	Acrolein	107-02-8					5.80E+02		6.10E-01	6.00E-01
5.00E-01	I	1.00E-04	I	2.00E-03	I	6.00E-03	I		M	1	0.1		1.36E+09		Acrylamide	79-06-1	6.50E+02	1.50E+03	1.70E+07	4.60E+02	2.30E+03	5.50E+03	3.60E+07	1.60E+03
				5.00E-01	I	1.00E-03	I	V		1		1.09E+05	1.36E+09	9.53E+04	Acrylic Acid	79-10-7					5.80E+05		4.20E+02	4.20E+02
5.40E-01	I	6.80E-05	I	4.00E-02	A	2.00E-03	I	V		1		1.13E+04	1.36E+09	7.69E+03	Acrylonitrile	107-13-1	6.10E+02		1.40E+02	1.10E+02	4.70E+04		6.70E+01	6.70E+01
						6.00E-03	P			1	0.1		1.36E+09		Adiponitrile	111-69-3							3.60E+07	3.60E+07
5.60E-02	C			1.00E-02	I					1	0.1		1.36E+09		Alachlor	15972-60-8	5.80E+03	1.40E+04		4.10E+03	1.20E+04	2.80E+04		8.20E+03
				1.00E-03	I					1	0.1		1.36E+09		Aldicarb	116-06-3					1.20E+03	2.80E+03		8.20E+02
				1.00E-03	I					1	0.1		1.36E+09		Aldicarb Sulfone	1646-88-4					1.20E+03	2.80E+03		8.20E+02
										1	0.1		1.36E+09		Aldicarb sulfoxide	1646-87-3								
1.70E+01	I	4.90E-03	I	3.00E-05	I			V		1			1.36E+09	1.72E+06	Aldrin	309-00-2	1.90E+01		4.30E+02	1.80E+01	3.50E+01			3.50E+01
				2.50E-01	I					1	0.1		1.36E+09		Ally	74223-64-6					2.90E+05	6.90E+05		2.10E+05
				5.00E-03	I	1.00E-04	X	V		1		1.11E+05	1.36E+09	3.42E+04	Allyl Alcohol	107-18-6					5.80E+03		1.50E+01	1.50E+01
2.10E-02	C	6.00E-06	C			1.00E-03	I	V		1		1.42E+03	1.36E+09	1.58E+03	Allyl Chloride	107-05-1	1.60E+04		3.20E+02	3.20E+02			6.90E+00	6.90E+00
				1.00E+00	P	5.00E-03	P			1			1.36E+09		Aluminum	7429-90-5					1.20E+06		3.00E+07	1.10E+06
				4.00E-04	I					1			1.36E+09		Aluminum Phosphide	20859-73-8					4.70E+02			4.70E+02
				3.00E-04	I					1	0.1		1.36E+09		Amdro	67485-29-4					3.50E+02	8.30E+02		2.50E+02
				9.00E-03	I					1	0.1		1.36E+09		Ametryn	834-12-8					1.10E+04	2.50E+04		7.40E+03
2.10E+01	C	6.00E-03	C							1	0.1		1.36E+09		Aminobiphenyl, 4-	92-67-1	1.60E+01	3.70E+01	2.80E+05	1.10E+01				
				8.00E-02	P					1	0.1		1.36E+09		Aminophenol, m-	591-27-5					9.30E+04	2.20E+05		6.60E+04
				2.00E-02	P					1	0.1		1.36E+09		Aminophenol, p-	123-30-8					2.30E+04	5.50E+04		1.60E+04
				2.50E-03	I					1	0.1		1.36E+09		Amitraz	33089-61-1					2.90E+03	6.90E+03		2.10E+03
						1.00E-01	I	V		1					Ammonia	7664-41-7								
				2.00E-01	I					1			1.36E+09		Ammonium Sulfamate	7773-06-0					2.30E+05			2.30E+05
						3.00E-03	X	V		1		1.37E+04	1.36E+09	2.82E+04	Amyl Alcohol, tert-	75-85-4							3.40E+02	3.40E+02
5.70E-03	I	1.60E-06	C	7.00E-03	P	1.00E-03	I			1	0.1		1.36E+09		Aniline	62-53-3	5.70E+04	1.40E+05	1.00E+09	4.00E+04	8.20E+03	1.90E+04	6.00E+06	5.70E+03
4.00E-02	P			2.00E-03	X					1	0.1		1.36E+09		Anthraquinone, 9,10-	84-65-1	8.20E+03	1.90E+04		5.70E+03	2.30E+03	5.50E+03		1.60E+03
				4.00E-04	I					0.15			1.36E+09		Antimony (metallic)	7440-36-0					4.70E+02			4.70E+02
				5.00E-04	H					0.15			1.36E+09		Antimony Pentoxide	1314-60-9					5.80E+02			5.80E+02
				9.00E-04	H					0.15			1.36E+09		Antimony Potassium Tartrate	11071-15-1					1.10E+03			1.10E+03
				4.00E-04	H					0.15			1.36E+09		Antimony Tetroxide	1332-81-6					4.70E+02			4.70E+02
						2.00E-04	I			0.15			1.36E+09		Antimony Trioxide	1309-64-4							1.20E+06	1.20E+06
				1.30E-02	I					1	0.1		1.36E+09		Apollo	74115-24-5					1.50E+04	3.60E+04		1.10E+04
2.50E-02	I	7.10E-06	I	5.00E-02	H					1	0.1		1.36E+09		Aramite	140-57-8	1.30E+04	3.10E+04	2.30E+08	9.20E+03	5.80E+04	1.40E+05		4.10E+04
1.50E+00	I	4.30E-03	I	3.00E-04	I	1.50E-05	C			1	0.03		1.36E+09		Arsenic, Inorganic	7440-38-2	3.60E+02	1.70E+03	3.90E+05	3.00E+02	5.80E+02	2.80E+03	8.90E+04	4.80E+02
				3.50E-06	C	5.00E-05	I			1			1.36E+09		Arsine	7784-42-1					4.10E+00		3.00E+05	4.10E+00
				9.00E-03	I					1	0.1		1.36E+09		Assure	76578-14-8					1.10E+04	2.50E+04		7.40E+03
				5.00E-02	I					1	0.1		1.36E+09		Asulam	3337-71-1					5.80E+04	1.40E+05		4.10E+04
2.30E-01	C			3.50E-02	I					1	0.1		1.36E+09		Atrazine	1912-24-9	1.40E+03	3.40E+03		1.00E+03	4.10E+04	9.70E+04		2.90E+04
8.80E-01	C	2.50E-04	C							1	0.1		1.36E+09		Auramine	492-80-8	3.70E+02	8.80E+02	6.70E+06	2.60E+02				
				4.00E-04	I					1	0.1		1.36E+09		Avermectin B1	65195-55-3					4.70E+02	1.10E+03		3.30E+02
1.10E-01	I	3.10E-05	I					V		1			1.36E+09	5.23E+05	Azobenzene	103-33-3	3.00E+03		2.10E+04	2.60E+03				
				1.00E+00	P	7.00E-06	P			1	0.1		1.36E+09		Azodicarbonamide	123-77-3					1.20E+06	2.80E+06	4.20E+04	4.00E+04
				2.00E-01	I	5.00E-04	H			0.07			1.36E+09		Barium	7440-39-3					2.30E+05		3.00E+06	2.20E+05
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Barium Chromate	10294-40-3	6.50E+02		1.10E+04	6.20E+02	2.30E+04		1.20E+06	2.30E+04
				4.00E-03	I					1	0.1		1.36E+09		Baygon	114-26-1					4.70E+03	1.10E+04		3.30E+03
				3.00E-02	I					1	0.1		1.36E+09		Bayleton	43121-43-3					3.50E+04	8.30E+04		2.50E+04
				2.50E-02	I					1	0.1		1.36E+09		Baythroid	68359-37-5					2.90E+04	6.90E+04		2.10E+04
				3.00E-01	I			V		1			1.36E+09	3.07E+05	Benefin	1861-40-1					3.50E+05			3.50E+05
				5.00E-02	I					1	0.1		1.36E+09		Benomyl	17804-35-2					5.80E+04	1.40E+05		4.10E+04
				3.00E-02	I					1	0.1		1.36E+09		Bentazon	25057-89-0					3.50E+04	8.30E+04		2.50E+04
				1.00E-01	I			V		1		1.16E+03	1.36E+09	2.25E+04	Benzaldehyde	100-52-7					1.20E+05			1.20E+05
5.50E-02	I	7.80E-06	I	4.00E-03	I	3.00E-02	I	V		1		1.82E+03	1.36E+09	3.54E+03	Benzene	71-43-2	5.90E+03		5.60E+02	5.10E+02	4.70E+03		4.60E+02	4.20E+02
1.00E-01	X			3.00E-04	X					1	0.1		1.36E+09		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	3.30E+03	7.70E+03		2.30E+03	3.50E+02	8.30E+02		2.50E+02
				1.00E-03	P			V		1		1.26E+03	1.36E+09	1.94E+04	Benzenethiol	108-98-5					1.20E+03			1.20E+03
2.30E+02	I	6.70E-02	I	3.00E-03	I				M	1	0.1		1.36E+09		Benzidine	92-87-5	1.40E+00	3.40E+00	2.50E+04	1.00E+00	3.50E+03	8.30E+03		2.50E+03
				4.00E+00	I					1	0.1		1.36E+09		Benzoic Acid	65-85-0					4.70E+06	1.10E+07		3.30E+06
1.30E+01	I							V		1		3.24E+02	1.36E+09	6.76E+04	Benzotrichloride	98-07-7	2.50E+01			2.50E+01				
				1.00E-01	P					1	0.1		1.36E+09		Benzyl Alcohol	100-51-6					1.20E+05	2.80E+05		8.20E+04
1.70E-01	I	4.90E-05	C	2.00E-03	P	1.00E-03	P	V		1		1.46E+03	1.36E+09	2.55E+04	Benzyl Chloride	100-44-7	1.90E+03		6.40E+02	4.80E+02	2.30E+03		1.10E+02	1.10E+02
		2.40E-03	I	2.00E-03	I	2.00E-05	I			0.007			1.36E+09		Beryllium and compounds	7440-41-7			6.90E+05	6.90E+05	2.30E+03		1.20E+05	2.30E+03
				1.00E-04	I					1	0.1		1.36E+09		Bidrin	141-66-2					1.20E+02	2.80E+02		8.20E+01
				9.00E-03	P					1	0.1		1.36E+09		Bifenox	42576-02-3					1.10E+04	2.50E+04		7.40E+03
				1.50E-02	I					1	0.1		1.36E+09		Biphenthrin	82657-04-3					1.80E+04	4.10E+04		1.20E+04
8.00E-03	I			5.00E-01	I	4.00E-04	X	V		1			1.36E+09	1.14E+05	Biphenyl, 1,1'-	92-52-4	4.10E+04			4.10E+04	5.80E+05		2.00E+02	2.00E+02
7.00E-02	H	1.00E-05	H	4.00E-02	I			V		1		1.02E+03	1.36E+09	3.50E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.70E+03		4.30E+03	2.20E+03	4.70E+04			4.70E+04
				3.00E-03	P					1	0.1		1.36E+09		Bis(2-chloroethoxy)methane	111-91-1					3.50E+03	8.30E+03		2.50E+03
1.10E+00	I	3.30E-04	I					V		1		5.05E+03	1.36E+09	4.25E+04	Bis(2-chloroethyl)ether	111-44-4	3.00E+02		1.60E+02	1.00E+02				

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
2.20E+02	I	6.20E-02	I					V		1		4.22E+03	1.36E+09	1.88E+03	Bis(chloromethyl)ether	542-88-1	1.50E+00		3.70E-02	3.60E-02				
				5.00E-02	I					1	0.1		1.36E+09		Bisphenol A	80-05-7					5.80E+04	1.40E+05		4.10E+04
				2.00E-01	I	2.00E-02	H			1			1.36E+09		Boron And Borates Only	7440-42-8					2.30E+05		1.20E+08	2.30E+05
				2.00E+00	P	2.00E-02	P	V		1			1.36E+09		Boron Trichloride	10294-34-5					2.30E+06		1.20E+08	2.30E+06
				4.00E-02	C	1.30E-02	C	V		1			1.36E+09		Boron Trifluoride	7637-07-2					4.70E+04		7.70E+07	4.70E+04
7.00E-01	I			4.00E-03	I					1			1.36E+09		Bromate	15541-45-4	4.70E+02			4.70E+02	4.70E+03			4.70E+03
2.00E+00	X	6.00E-04	X					V		1		2.38E+03	1.36E+09	5.92E+03	Bromo-2-chloroethane, 1-	107-04-0	1.60E+02		1.20E+01	1.10E+01				
				8.00E-03	I	6.00E-02	I	V		1		6.79E+02	1.36E+09	8.37E+03	Bromobenzene	108-86-1					9.30E+03		2.20E+03	1.80E+03
						4.00E-02	X	V		1		4.04E+03	1.36E+09	3.58E+03	Bromochloromethane	74-97-5							6.30E+02	6.30E+02
6.20E-02	I	3.70E-05	C	2.00E-02	I			V		1		9.31E+02	1.36E+09	3.97E+03	Bromodichloromethane	75-27-4	5.30E+03		1.30E+02	1.30E+02	2.30E+04			2.30E+04
7.90E-03	I	1.10E-06	I	2.00E-02	I			V		1		9.15E+02	1.36E+09	9.70E+03	Bromoform	75-25-2	4.10E+04		1.10E+04	8.60E+03	2.30E+04			2.30E+04
				1.40E-03	I	5.00E-03	I	V		1		3.59E+03	1.36E+09	1.40E+03	Bromomethane	74-83-9					1.60E+03		3.10E+01	3.00E+01
				5.00E-03	H			V		1			1.36E+09	1.24E+05	Bromophos	2104-96-3					5.80E+03			5.80E+03
				2.00E-02	I					1	0.1		1.36E+09		Bromoxynil	1689-84-5					2.30E+04	5.50E+04		1.60E+04
				2.00E-02	I			V		1			1.36E+09	4.74E+05	Bromoxynil Octanoate	1689-99-2					2.30E+04			2.30E+04
3.40E+00	C	3.00E-05	I			2.00E-03	I	V		1		6.67E+02	1.36E+09	8.66E+02	Butadiene, 1,3-	106-99-0	9.60E+01		3.50E+01	2.60E+01			7.60E+00	7.60E+00
				1.00E-01	I			V		1		7.64E+03	1.36E+09	3.00E+04	Butanol, N-	71-36-3					1.20E+05			1.20E+05
1.90E-03	P			2.00E-01	I					1	0.1		1.36E+09		Butyl Benzyl Phthlate	85-68-7	1.70E+05	4.10E+05		1.20E+05	2.30E+05	5.50E+05		1.60E+05
				2.00E+00	P	3.00E+01	P	V		1		2.13E+04	1.36E+09	2.92E+04	Butyl alcohol, sec-	78-92-2					2.30E+06		3.80E+06	1.50E+06
				5.00E-02	I			V		1			1.36E+09	8.63E+04	Butylate	2008-41-5					5.80E+04			5.80E+04
2.00E-04	C	5.70E-08	C							1	0.1		1.36E+09		Butylated hydroxyanisole	25013-16-5	1.60E+06	3.90E+06	2.90E+10	1.10E+06				
3.60E-03	P			3.00E-01	P					1	0.1		1.36E+09		Butylated hydroxytoluene	128-37-0	9.10E+04	2.10E+05		6.40E+04	3.50E+05	8.30E+05		2.50E+05
				5.00E-02	P			V		1		1.08E+02	1.36E+09	8.14E+03	Butylbenzene, n-	104-51-8					5.80E+04			5.80E+04
				1.00E-01	X			V		1		1.45E+02	1.36E+09	7.35E+03	Butylbenzene, sec-	135-98-8					1.20E+05			1.20E+05
				1.00E-01	X			V		1		1.83E+02	1.36E+09	7.36E+03	Butylbenzene, tert-	98-06-6					1.20E+05			1.20E+05
				2.00E-02	A					1	0.1		1.36E+09		Cacodylic Acid	75-60-5					2.30E+04	5.50E+04		1.60E+04
		1.80E-03	I	1.00E-03	I	1.00E-05	A			0.025	0.001		1.36E+09		Cadmium (Diet)	7440-43-9			9.30E+05	9.30E+05	1.20E+03	6.90E+03	6.00E+04	9.80E+02
		1.80E-03	I	5.00E-04	I	1.00E-05	A			0.05	0.001				Cadmium (Water)	7440-43-9								
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Calcium Chromate	13765-19-0	6.50E+02		1.10E+04	6.20E+02	2.30E+04		1.20E+06	2.30E+04
				5.00E-01	I	2.20E-03	C			1	0.1		1.36E+09		Caprolactam	105-60-2					5.80E+05	1.40E+06	1.30E+07	4.00E+05
1.50E-01	C	4.30E-05	C	2.00E-03	I					1	0.1		1.36E+09		Captafol	2425-06-1	2.20E+03	5.20E+03	3.90E+07	1.50E+03	2.30E+03	5.50E+03		1.60E+03
2.30E-03	C	6.60E-07	C	1.30E-01	I					1	0.1		1.36E+09		Captan	133-06-2	1.40E+05	3.40E+05	2.50E+09	1.00E+05	1.50E+05	3.60E+05		1.10E+05
				1.00E-01	I					1	0.1		1.36E+09		Carbaryl	63-25-2					1.20E+05	2.80E+05		8.20E+04
				5.00E-03	I					1	0.1		1.36E+09		Carbofuran	1563-66-2					5.80E+03	1.40E+04		4.10E+03
				1.00E-01	I	7.00E-01	I	V		1		7.38E+02	1.36E+09	1.17E+03	Carbon Disulfide	75-15-0					1.20E+05		3.60E+03	3.50E+03
7.00E-02	I	6.00E-06	I	4.00E-03	I	1.00E-01	I	V		1		4.58E+02	1.36E+09	1.49E+03	Carbon Tetrachloride	56-23-5	4.70E+03		3.10E+02	2.90E+02	4.70E+03		6.50E+02	5.70E+02
				1.00E-02	I					1	0.1		1.36E+09		Carbosulfan	55285-14-8					1.20E+04	2.80E+04		8.20E+03
				1.00E-01	I					1	0.1		1.36E+09		Carboxin	5234-68-4					1.20E+05	2.80E+05		8.20E+04
						9.00E-04	I			1			1.36E+09		Ceric oxide	1306-38-3							5.40E+06	5.40E+06
				1.00E-01	I			V		1			1.36E+09	1.46E+05	Chloral Hydrate	302-17-0					1.20E+05			1.20E+05
				1.50E-02	I					1	0.1		1.36E+09		Chloramben	133-90-4					1.80E+04	4.10E+04		1.20E+04
4.00E-01	H									1	0.1		1.36E+09		Chloranil	118-75-2	8.10E+02	1.90E+03		5.70E+02				
3.50E-01	I	1.00E-04	I	5.00E-04	I	7.00E-04	I	V		1	0.04		1.36E+09	9.02E+05	Chlordane	12789-03-6	9.30E+02	5.50E+03	1.10E+04	7.50E+02	5.80E+02	3.40E+03	2.80E+03	4.20E+02
1.00E+01	I	4.60E-03	C	3.00E-04	I					1	0.1		1.36E+09		Chlordecone (Kepone)	143-50-0	3.30E+01	7.70E+01	3.60E+05	2.30E+01	3.50E+02	8.30E+02		2.50E+02
				7.00E-04	A					1	0.1		1.36E+09		Chlorfenvinphos	470-90-6					8.20E+02	1.90E+03		5.70E+02
				2.00E-02	I					1	0.1		1.36E+09		Chlorimuron, Ethyl-	90982-32-4					2.30E+04	5.50E+04		1.60E+04
				1.00E-01	I	1.50E-04	A	V		1		2.78E+03	1.36E+09	1.22E+03	Chlorine	7782-50-5					1.20E+05		7.80E-01	7.80E-01
				3.00E-02	I	2.00E-04	I	V		1			1.36E+09		Chlorine Dioxide	10049-04-4					3.50E+04		1.20E+06	3.40E+04
				3.00E-02	I					1			1.36E+09		Chlorite (Sodium Salt)	7758-19-2					3.50E+04			3.50E+04
						5.00E+01	I	V		1		1.15E+03	1.36E+09	1.03E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							2.30E+05	2.30E+05
		3.00E-04	I	2.00E-02	H	2.00E-02	I	V		1		7.51E+02	1.36E+09	1.08E+03	Chloro-1,3-butadiene, 2-	126-99-8			4.40E+00	4.40E+00	2.30E+04		9.40E+01	9.40E+01
4.60E-01	H									1	0.1		1.36E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	7.10E+02	1.70E+03		5.00E+02				
1.00E-01	P	7.70E-05	C	3.00E-03	X					1	0.1		1.36E+09		Chloro-2-methylaniline, 4-	95-69-2	3.30E+03	7.70E+03	2.20E+07	2.30E+03	3.50E+03	8.30E+03		2.50E+03
2.70E-01	X							V		1		2.83E+04	1.36E+09	1.86E+04	Chloroacetaldehyde, 2-	107-20-0	1.20E+03			1.20E+03				
				2.00E-03	H					1	0.1		1.36E+09		Chloroacetic Acid	79-11-8					2.30E+03	5.50E+03		1.60E+03
						3.00E-05	I			1	0.1		1.36E+09		Chloroacetophenone, 2-	532-27-4							1.80E+05	1.80E+05
2.00E-01	P			4.00E-03	I					1	0.1		1.36E+09		Chloroaniline, p-	106-47-8	1.60E+03	3.90E+03		1.10E+03	4.70E+03	1.10E+04		3.30E+03
				2.00E-02	I	5.00E-02	P	V		1		7.61E+02	1.36E+09	6.45E+03	Chlorobenzene	108-90-7					2.30E+04		1.40E+03	1.30E+03
1.10E-01	C	3.10E-05	C	2.00E-02	I					1	0.1		1.36E+09		Chlorobenzilate	510-15-6	3.00E+03	7.00E+03	5.40E+07	2.10E+03	2.30E+04	5.50E+04		1.60E+04
				3.00E-02	X					1	0.1		1.36E+09		Chlorobenzoic Acid, p-	74-11-3					3.50E+04	8.30E+04		2.50E+04
				3.00E-03	P	3.00E-01	P	V		1		1.17E+02	1.36E+09	6.76E+03	Chlorobenzotrifluoride, 4-	98-56-6					3.50E+03		8.90E+03	2.50E+03
				4.00E-02	P			V		1		7.28E+02	1.36E+09	1.76E+03	Chlorobutane, 1-	109-69-3					4.70E+04			4.70E+04
						5.00E+01	I	V		1		1.68E+03	1.36E+09	9.38E+02	Chlorodifluoromethane	75-45-6							2.10E+05	2.10E+05
				2.00E-02	P			V		1		1.11E+05	1.36E+09	7.81E+04	Chloroethanol, 2-	107-07-3					2.30E+04			2.30E+04
3.10E-02	C	2.30E-05	I	1.00E-02	I	9.80E-02	A	V		1		2.54E+03	1.36E+09	2.63E+03	Chloroform	67-66-3	1.10E+04		1.40E+02	1.40E+02	1.20E+04		1.10E+03	1.00E+03
						9.00E-02	I	V		1		1.32E+03	1.36E+09	1.18E+03	Chloromethane	74-87-3							4.60E+02	4.60E+02
2.40E+00	C	6.90E-04	C					V		1		2.58E+04	1.36E+09	5.33E+03	Chloromethyl Methyl Ether	107-30-2	1.40E+02		9.50E+00	8.90E+00				
3.00E-01	P			3.00E-03	P	1.00E-05	X			1	0.1		1.36E+09		Chloronitrobenzene, o-	88-73-3	1.10E+03	2.60E+03		7.70E+02	3.50E+03	8.30E+03	6.00E+04	2.40E+03
6.30E-03	P			1.00E-03	P	6.00E-04	P			1	0.1		1.36E+09		Chloronitrobenzene, p-	100-00-5	5.20E+04	1.20E+05		3.60E+04	1.20E+03	2.80E+03	3.60E+06	8.20E+02
				5.00E-03	I			V		1		2.19E+04	1.36E+09	1.24E+05	Chlorophenol, 2-	95-57-8					5.80E+03			5.80E+03
						4.00E-04	C	V		1		6.17E+02	1.36E+09	4.68E+03	Chloropicrin	76-06-2							8.20E+00	8.20E+00
3.10E-03	C	8.90E-07	C	1.50E-02	I					1	0.1		1.36E+09		Chlorothalonil	1897-45-6	1.10E+05	2.50E+05	1.90E+09	7.40E+04	1.80E+04	4.10E+04		1.20E+04
				2.00E-02	I			V		1		9.07E+02	1.36E+09	8.12E+03	Chlorotoluene, o-	95-49-8					2.30E+04			2.30E+04
				2.00E-02	X			V		1		2.53E+02	1.36E+09	7.29E+03	Chlorotoluene, p-	106-43-4					2.30E+04			2.30E+04
2.40E+02	C	6.90E-02	C							1	0.1		1.36E+09		Chlorozotocin	54749-90-5	1.40E+00	3.20E+00	2.40E+04	9.60E-01				
				2.00E-01	I					1	0.1		1.36E+09		Chlorpropham	101-21-3					2.30E+05	5.50E+05		1.60E+05

RML, HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
				1.00E-03	A					1	0.1		1.36E+09		Chlorpyrifos	2921-88-2					1.20E+03	2.80E+03		8.20E+02
				1.00E-02	H					1	0.1		1.36E+09		Chlorpyrifos Methyl	5598-13-0					1.20E+04	2.80E+04		8.20E+03
				5.00E-02	I					1	0.1		1.36E+09		Chlorsulfuron	64902-72-3					5.80E+04	1.40E+05		4.10E+04
				8.00E-04	H					1	0.1		1.36E+09		Chlorthiophos	60238-56-4					9.30E+02	2.20E+03		6.60E+02
				1.50E+00	I					0.013			1.36E+09		Chromium(III), Insoluble Salts	16065-83-1					1.80E+06			1.80E+06
5.00E-01	J	8.40E-02	S	3.00E-03	I	1.00E-04	I		M	0.025			1.36E+09		Chromium(VI)	18540-29-9	6.50E+02		2.00E+04	6.30E+02	3.50E+03		6.00E+05	3.50E+03
										0.013			1.36E+09		Chromium, Total	7440-47-3								
		9.00E-03	P	3.00E-04	P	6.00E-06	P			1			1.36E+09		Cobalt	7440-48-4			1.90E+05	1.90E+05	3.50E+02		3.60E+04	3.50E+02
		6.20E-04	I					V	M	1					Coke Oven Emissions	8007-45-2								
				4.00E-02	H					1			1.36E+09		Copper	7440-50-8					4.70E+04			4.70E+04
				5.00E-02	I	6.00E-01	C			1	0.1		1.36E+09		Cresol, m-	108-39-4					5.80E+04	1.40E+05	3.60E+09	4.10E+04
				5.00E-02	I	6.00E-01	C			1	0.1		1.36E+09		Cresol, o-	95-48-7					5.80E+04	1.40E+05	3.60E+09	4.10E+04
				1.00E-01	A	6.00E-01	C			1	0.1		1.36E+09		Cresol, p-	106-44-5					1.20E+05	2.80E+05	3.60E+09	8.20E+04
				1.00E-01	A					1	0.1		1.36E+09		Cresol, p-chloro-m-	59-50-7					1.20E+05	2.80E+05		8.20E+04
				1.00E-01	A	6.00E-01	C			1	0.1		1.36E+09		Cresols	1319-77-3					1.20E+05	2.80E+05	3.60E+09	8.20E+04
1.90E+00	H			1.00E-03	P			V		1		1.66E+04	1.36E+09	1.89E+04	Crotonaldehyde, trans-	123-73-9	1.70E+02			1.70E+02	1.20E+03			1.20E+03
				1.00E-01	I	4.00E-01	I	V		1		2.68E+02	1.36E+09	6.21E+03	Cumene	98-82-8					1.20E+05		1.10E+04	9.90E+03
2.20E-01	C	6.30E-05	C							1	0.1		1.36E+09		Cupferron	135-20-6	1.50E+03	3.50E+03	2.60E+07	1.00E+03				
8.40E-01	H			2.00E-03	H					1	0.1		1.36E+09		Cyanazine	21725-46-2	3.90E+02	9.20E+02		2.70E+02	2.30E+03	5.50E+03		1.60E+03
															Cyanides									
				1.00E-03	I					1			1.36E+09		~Calcium Cyanide	592-01-8					1.20E+03			1.20E+03
				5.00E-03	I					1			1.36E+09		~Copper Cyanide	544-92-3					5.80E+03			5.80E+03
				6.00E-04	I	8.00E-04	S	V		1		9.72E+05	1.36E+09	3.49E+03	~Cyanide (CN-)	57-12-5					7.00E+02		1.20E+01	1.20E+01
				1.00E-03	I			V		1			1.36E+09		~Cyanogen	460-19-5					1.20E+03			1.20E+03
				9.00E-02	I			V		1			1.36E+09		~Cyanogen Bromide	506-68-3					1.10E+05			1.10E+05
				5.00E-02	I			V		1			1.36E+09		~Cyanogen Chloride	506-77-4					5.80E+04			5.80E+04
				6.00E-04	I	8.00E-04	I	V		1		1.00E+07	1.36E+09	5.22E+04	~Hydrogen Cyanide	74-90-8					7.00E+02		1.80E+02	1.50E+02
				2.00E-03	I					1			1.36E+09		~Potassium Cyanide	151-50-8					2.30E+03			2.30E+03
				5.00E-03	I					0.04			1.36E+09		~Potassium Silver Cyanide	506-61-6					5.80E+03			5.80E+03
				1.00E-01	I					0.04			1.36E+09		~Silver Cyanide	506-64-9					1.20E+05			1.20E+05
				1.00E-03	I					1			1.36E+09		~Sodium Cyanide	143-33-9					1.20E+03			1.20E+03
				2.00E-04	P					1			1.36E+09		~Thiocyanates	NA					2.30E+02			2.30E+02
				2.00E-04	X			V		1			1.36E+09		~Thiocyanic Acid	463-56-9					2.30E+02			2.30E+02
				5.00E-02	I					1			1.36E+09		~Zinc Cyanide	557-21-1					5.80E+04			5.80E+04
						6.00E+00	I	V		1		1.17E+02	1.36E+09	1.04E+03	Cyclohexane	110-82-7							2.70E+04	2.70E+04
2.30E-02	H									1	0.1		1.36E+09		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.40E+04	3.40E+04		1.00E+04				
				5.00E+00	I	7.00E-01	P	V		1		5.11E+03	1.36E+09	4.17E+04	Cyclohexanone	108-94-1					5.80E+06		1.30E+05	1.30E+05
				5.00E-03	P	1.00E+00	X	V		1		2.83E+02	1.36E+09	1.46E+03	Cyclohexene	110-83-8					5.80E+03		6.40E+03	3.10E+03
				2.00E-01	I			V		1		2.93E+05	1.36E+09	7.46E+04	Cyclohexylamine	108-91-8					2.30E+05			2.30E+05
				5.00E-03	I					1	0.1		1.36E+09		Cyhalothrin/karate	68085-85-8					5.80E+03	1.40E+04		4.10E+03
				1.00E-02	I					1	0.1		1.36E+09		Cypermethrin	52315-07-8					1.20E+04	2.80E+04		8.20E+03
				7.50E-03	I					1	0.1		1.36E+09		Cyromazine	66215-27-8					8.80E+03	2.10E+04		6.20E+03
2.40E-01	I	6.90E-05	C							1	0.1		1.36E+09		DDD	72-54-8	1.40E+03	3.20E+03	2.40E+07	9.60E+02				
3.40E-01	I	9.70E-05	C					V		1			1.36E+09	2.10E+06	DDE, pp-	72-55-9	9.60E+02		2.70E+04	9.30E+02				
3.40E-01	I	9.70E-05	I	5.00E-04	I					1	0.03		1.36E+09		DDT	50-29-3	9.60E+02	7.60E+03	1.70E+07	8.50E+02	5.80E+02	4.60E+03		5.20E+02
				1.00E-02	I					1	0.1		1.36E+09		Dacthal	1861-32-1					1.20E+04	2.80E+04		8.20E+03
				3.00E-02	I					1	0.1		1.36E+09		Dalapon	75-99-0					3.50E+04	8.30E+04		2.50E+04
7.00E-04	I			7.00E-03	I					1	0.1		1.36E+09		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.70E+05	1.10E+06		3.30E+05	8.20E+03	1.90E+04		5.70E+03
				4.00E-05	I					1	0.1		1.36E+09		Demeton	8065-48-3					4.70E+01	1.10E+02		3.30E+01
1.20E-03	I			6.00E-01	I					1	0.1		1.36E+09		Di(2-ethylhexyl)adipate	103-23-1	2.70E+05	6.40E+05		1.90E+05	7.00E+05	1.70E+06		4.90E+05
6.10E-02	H									1	0.1		1.36E+09		Diallate	2303-16-4	5.40E+03	1.30E+04		3.80E+03				
				7.00E-04	A					1	0.1		1.36E+09		Diazinon	333-41-5					8.20E+02	1.90E+03		5.70E+02
				1.00E-02	X			V		1			1.36E+09	5.24E+05	Dibenzothiophene	132-65-0					1.20E+04			1.20E+04
8.00E-01	P	6.00E-03	P	2.00E-04	P	2.00E-04	I	V	M	1		9.79E+02	1.36E+09	3.20E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	4.10E+02		6.50E+00	6.40E+00	2.30E+02		2.80E+01	2.50E+01
				4.00E-04	X			V		1		1.59E+02	1.36E+09	1.93E+04	Dibromobenzene, 1,3-	108-36-1					4.70E+02			4.70E+02
				1.00E-02	I			V		1			1.36E+09	2.20E+04	Dibromobenzene, 1,4-	106-37-6					1.20E+04			1.20E+04
8.40E-02	I	2.70E-05	C	2.00E-02	I			V		1		8.02E+02	1.36E+09	7.95E+03	Dibromochloromethane	124-48-1	3.90E+03		3.60E+02	3.30E+02	2.30E+04			2.30E+04
2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I	V		1		1.34E+03	1.36E+09	8.64E+03	Dibromoethane, 1,2-	106-93-4	1.60E+02		1.80E+01	1.60E+01	1.10E+04		3.40E+02	3.30E+02
				1.00E-02	H	4.00E-03	X	V		1		2.82E+03	1.36E+09	5.64E+03	Dibromomethane (Methylene Bromide)	74-95-3					1.20E+04		9.90E+01	9.80E+01
				3.00E-04	P					1	0.1		1.36E+09		Dibutyltin Compounds	NA					3.50E+02	8.30E+02		2.50E+02
				3.00E-02	I					1	0.1		1.36E+09		Dicamba	1918-00-9					3.50E+04	8.30E+04		2.50E+04
		4.20E-03	P					V		1		5.18E+02	1.36E+09	1.24E+04	Dichloro-2-butene, 1,4-	764-41-0			3.60E+00	3.60E+00				
		4.20E-03	P					V		1		5.19E+02	1.36E+09	1.11E+04	Dichloro-2-butene, cis-1,4-	1476-11-5			3.20E+00	3.20E+00				
		4.20E-03	P					V		1		7.60E+02	1.36E+09	1.11E+04	Dichloro-2-butene, trans-1,4-	110-57-6			3.20E+00	3.20E+00				
5.00E-02	I			4.00E-03	I					1	0.1		1.36E+09		Dichloroacetic Acid	79-43-6	6.50E+03	1.50E+04		4.60E+03	4.70E+03	1.10E+04		3.30E+03
				9.00E-02	I	2.00E-01	H	V		1		3.76E+02	1.36E+09	1.17E+04	Dichlorobenzene, 1,2-	95-50-1					1.10E+05		1.00E+04	9.30E+03
5.40E-03	C	1.10E-05	C	7.00E-02	A	8.00E-01	I	V		1			1.36E+09	1.04E+04	Dichlorobenzene, 1,4-	106-46-7	6.10E+04		1.20E+03	1.10E+03	8.20E+04		3.70E+04	2.50E+04
4.50E-01	I	3.40E-04	C							1	0.1		1.36E+09		Dichlorobenzidine, 3,3'-	91-94-1	7.30E+02	1.70E+03	4.90E+06	5.10E+02				
				9.00E-03	X					1	0.1		1.36E+09		Dichlorobenzophenone, 4,4'-	90-98-2					1.10E+04	2.50E+04		7.40E+03
				2.00E-01	I	1.00E-01	X	V		1		8.45E+02	1.36E+09	8.41E+02	Dichlorodifluoromethane	75-71-8					2.30E+05		3.70E+02	3.70E+02
5.70E-03	C	1.60E-06	C	2.00E-01	P			V		1		1.69E+03	1.36E+09	2.08E+03	Dichloroethane, 1,1-	75-34-3	5.70E+04		1.60E+03	1.60E+03	2.30E+05			2.30E+05
9.10E-02	I	2.60E-05	I	6.00E-03	X	7.00E-03	P	V		1		2.98E+03	1.36E+09	4.57E+03	Dichloroethane, 1,2-	107-06-2	3.60E+03		2.20E+02	2.00E+02	7.00E+03		1.40E+02	1.40E+02
				5.00E-02	I	2.00E-01	I	V		1		1.19E+03	1.36E+09	1.16E+03	Dichloroethylene, 1,1-	75-35-4					5.80E+04		1.00E+03	1.00E+03
				2.00E-03	I			V		1		2.37E+03	1.36E+09	2.50E+03	Dichloroethylene, 1,2-cis-	156-59-2					2.30E+03			2.30E+03
				2.00E-02	I			V		1		1.86E+03	1.36E+09	1.74E+03	Dichloroethylene, 1,2-trans-	156-60-5					2.30E+04			2.30E+04
				3.00E-03	I					1	0.1		1.36E+09		Dichlorophenol, 2,4-	120-83-2					3.50E+03	8.30E+03		2.50E+03

RML
THQ=1.0

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
				1.00E-02	I					1	0.05		1.36E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.20E+04	5.50E+04		9.60E+03
				8.00E-03	I					1	0.1		1.36E+09		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					9.30E+03	2.20E+04		6.60E+03
3.60E-02	C	1.00E-05	C	9.00E-02	A	4.00E-03	I	V		1		1.36E+03	1.36E+09	3.79E+03	Dichloropropane, 1,2-	78-87-5	9.10E+03		4.60E+02	4.40E+02	1.10E+05		6.60E+01	6.60E+01
				2.00E-02	P			V		1		1.49E+03	1.36E+09	6.76E+03	Dichloropropane, 1,3-	142-28-9					2.30E+04			2.30E+04
				3.00E-03	I					1	0.1		1.36E+09		Dichloropropanol, 2,3-	616-23-9					3.50E+03	8.30E+03		2.50E+03
1.00E-01	I	4.00E-06	I	3.00E-02	I	2.00E-02	I	V		1		1.57E+03	1.36E+09	3.55E+03	Dichloropropene, 1,3-	542-75-6	3.30E+03		1.10E+03	8.20E+02	3.50E+04		3.10E+02	3.10E+02
2.90E-01	I	8.30E-05	C	5.00E-04	I	5.00E-04	I			1	0.1		1.36E+09		Dichlorvos	62-73-7	1.10E+03	2.70E+03	2.00E+07	7.90E+02	5.80E+02	1.40E+03	3.00E+06	4.10E+02
				8.00E-02	P	3.00E-04	X	V		1			1.36E+09	4.11E+03	Dicyclopentadiene	77-73-6					9.30E+04		5.40E+00	5.40E+00
1.60E+01	I	4.60E-03	I	5.00E-05	I					1	0.1		1.36E+09		Dieldrin	60-57-1	2.00E+01	4.80E+01	3.60E+05	1.40E+01	5.80E+01	1.40E+02		4.10E+01
		3.00E-04	C			5.00E-03	I			1	0.1				Diesel Engine Exhaust	NA								
				2.00E-03	P	2.00E-04	P			1	0.1		1.36E+09		Diethanolamine	111-42-2					2.30E+03	5.50E+03	1.20E+06	1.60E+03
				3.00E-02	P	1.00E-04	P			1	0.1		1.36E+09		Diethylene Glycol Monobutyl Ether	112-34-5					3.50E+04	8.30E+04	6.00E+05	2.40E+04
				6.00E-02	P	3.00E-04	P			1	0.1		1.36E+09		Diethylene Glycol Monoethyl Ether	111-90-0					7.00E+04	1.70E+05	1.80E+06	4.80E+04
				1.00E-03	P			V		1		1.12E+05	1.36E+09	1.39E+05	Diethylformamide	617-84-5					1.20E+03			1.20E+03
3.50E+02	C	1.00E-01	C							1	0.1		1.36E+09		Diethylstilbestrol	56-53-1	9.30E-01	2.20E+00	1.70E+04	6.60E-01				
				8.00E-02	I					1	0.1		1.36E+09		Difenzoquat	43222-48-6					9.30E+04	2.20E+05		6.60E+04
				2.00E-02	I					1	0.1		1.36E+09		Diflubenzuron	35367-38-5					2.30E+04	5.50E+04		1.60E+04
						4.00E+01	I	V		1		1.43E+03	1.36E+09	1.15E+03	Difluoroethane, 1,1-	75-37-6							2.00E+05	2.00E+05
4.40E-02	C	1.30E-05	C					V		1			1.36E+09	1.51E+03	Dihydrosafrole	94-58-6	7.40E+03		1.40E+02	1.40E+02				
						7.00E-01	P	V		1		2.26E+03	1.36E+09	3.06E+03	Diisopropyl Ether	108-20-3							9.40E+03	9.40E+03
				8.00E-02	I			V		1		5.30E+02	1.36E+09	3.81E+04	Diisopropyl Methylphosphonate	1445-75-6					9.30E+04			9.30E+04
				2.00E-02	I					1	0.1		1.36E+09		Dimethipin	55290-64-7					2.30E+04	5.50E+04		1.60E+04
				2.00E-04	I					1	0.1		1.36E+09		Dimethoate	60-51-5					2.30E+02	5.50E+02		1.60E+02
1.60E+00	P									1	0.1		1.36E+09		Dimethoxybenzidine, 3,3'-	119-90-4	2.00E+02	4.80E+02		1.40E+02				
1.70E-03	P			6.00E-02	P					1	0.1		1.36E+09		Dimethyl methylphosphonate	756-79-6	1.90E+05	4.50E+05		1.40E+05	7.00E+04	1.70E+05		4.90E+04
4.60E+00	C	1.30E-03	C							1	0.1		1.36E+09		Dimethylamino azobenzene [p-]	60-11-7	7.10E+01	1.70E+02	1.30E+06	5.00E+01				
5.80E-01	H									1	0.1		1.36E+09		Dimethylaniline HCl, 2,4-	21436-96-4	5.60E+02	1.30E+03		4.00E+02				
2.00E-01	P			2.00E-03	X					1	0.1		1.36E+09		Dimethylaniline, 2,4-	95-68-1	1.60E+03	3.90E+03		1.10E+03	2.30E+03	5.50E+03		1.60E+03
				2.00E-03	I			V		1		8.30E+02	1.36E+09	3.13E+04	Dimethylaniline, N,N-	121-69-7					2.30E+03			2.30E+03
1.10E+01	P									1	0.1		1.36E+09		Dimethylbenzidine, 3,3'-	119-93-7	3.00E+01	7.00E+01		2.10E+01				
				1.00E-01	P	3.00E-02	I	V		1		1.06E+05	1.36E+09	1.28E+05	Dimethylformamide	68-12-2					1.20E+05		1.70E+04	1.50E+04
				1.00E-04	X	2.00E-06	X	V		1		1.72E+05	1.36E+09	1.82E+05	Dimethylhydrazine, 1,1-	57-14-7					1.20E+02		1.40E+00	1.40E+00
5.50E+02	C	1.60E-01	C					V		1		1.89E+05	1.36E+09	1.88E+05	Dimethylhydrazine, 1,2-	540-73-8	5.90E-01		1.30E+00	4.10E-01				
				2.00E-02	I					1	0.1		1.36E+09		Dimethylphenol, 2,4-	105-67-9					2.30E+04	5.50E+04		1.60E+04
				6.00E-04	I					1	0.1		1.36E+09		Dimethylphenol, 2,6-	576-26-1					7.00E+02	1.70E+03		4.90E+02
				1.00E-03	I					1	0.1		1.36E+09		Dimethylphenol, 3,4-	95-65-8					1.20E+03	2.80E+03		8.20E+02
4.50E-02	C	1.30E-05	C					V		1		1.09E+03	1.36E+09	1.01E+03	Dimethylvinylchloride	513-37-1	7.30E+03		9.50E+01	9.40E+01				
				8.00E-05	X					1	0.1		1.36E+09		Dinitro-o-cresol, 4,6-	534-52-1					9.30E+01	2.20E+02		6.60E+01
				2.00E-03	I					1	0.1		1.36E+09		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.30E+03	5.50E+03		1.60E+03
				1.00E-04	P					1	0.1		1.36E+09		Dinitrobenzene, 1,2-	528-29-0					1.20E+02	2.80E+02		8.20E+01
				1.00E-04	I					1	0.1		1.36E+09		Dinitrobenzene, 1,3-	99-65-0					1.20E+02	2.80E+02		8.20E+01
				1.00E-04	P					1	0.1		1.36E+09		Dinitrobenzene, 1,4-	100-25-4					1.20E+02	2.80E+02		8.20E+01
				2.00E-03	I					1	0.1		1.36E+09		Dinitrophenol, 2,4-	51-28-5					2.30E+03	5.50E+03		1.60E+03
6.80E-01	I									1	0.1		1.36E+09		Dinitrotoluene Mixture, 2,4/2,6-	NA	4.80E+02	1.10E+03		3.40E+02				
3.10E-01	C	8.90E-05	C	2.00E-03	I					1	0.102		1.36E+09		Dinitrotoluene, 2,4-	121-14-2	1.10E+03	2.40E+03	1.90E+07	7.40E+02	2.30E+03	5.40E+03		1.60E+03
1.50E+00	P			3.00E-04	X					1	0.099		1.36E+09		Dinitrotoluene, 2,6-	606-20-2	2.20E+02	5.20E+02		1.50E+02	3.50E+02	8.40E+02		2.50E+02
				2.00E-03	S					1	0.006		1.36E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.30E+03	9.20E+04		2.30E+03
				2.00E-03	S					1	0.009		1.36E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.30E+03	6.10E+04		2.30E+03
4.50E-01	X			9.00E-04	X					1	0.1		1.36E+09		Dinitrotoluene, Technical grade	25321-14-6	7.30E+02	1.70E+03		5.10E+02	1.10E+03	2.50E+03		7.40E+02
				1.00E-03	I					1	0.1		1.36E+09		Dinoseb	88-85-7					1.20E+03	2.80E+03		8.20E+02
1.00E-01	I	5.00E-06	I	3.00E-02	I	3.00E-02	I	V		1		1.16E+05	1.36E+09	3.96E+04	Dioxane, 1,4-	123-91-1	3.30E+03		9.70E+03	2.40E+03	3.50E+04		5.20E+03	4.50E+03
															Dioxins									
6.20E+03	I	1.30E+00	I							1	0.03		1.36E+09		~Hexachlorodibenzo-p-dioxin, Mixture	NA	5.30E-02	4.20E-01	1.30E+03	4.70E-02				
1.30E+05	C	3.80E+01	C	7.00E-10	I	4.00E-08	C	V		1	0.03		1.36E+09	1.96E+06	TCDD, 2,3,7,8-	1746-01-6	2.50E-03	2.00E-02	6.30E-02	2.20E-03	8.20E-04	6.40E-03	3.40E-01	7.20E-04
				3.00E-02	I					1	0.1		1.36E+09		Diphenamid	957-51-7					3.50E+04	8.30E+04		2.50E+04
				8.00E-04	X					1	0.1		1.36E+09		Diphenyl Sulfone	127-63-9					9.30E+02	2.20E+03		6.60E+02
				2.50E-02	I					1	0.1		1.36E+09		Diphenylamine	122-39-4					2.90E+04	6.90E+04		2.10E+04
8.00E-01	I	2.20E-04	I							1	0.1		1.36E+09		Diphenylhydrazine, 1,2-	122-66-7	4.10E+02	9.70E+02	7.60E+06	2.90E+02				
				2.20E-03	I					1	0.1		1.36E+09		Diquat	85-00-7					2.60E+03	6.10E+03		1.80E+03
7.10E+00	C	1.40E-01	C							1	0.1		1.36E+09		Direct Black 38	1937-37-7	4.60E+01	1.10E+02	1.20E+04	3.20E+01				
7.40E+00	C	1.40E-01	C							1	0.1		1.36E+09		Direct Blue 6	2602-46-2	4.40E+01	1.00E+02	1.20E+04	3.10E+01				
6.70E+00	C	1.40E-01	C							1	0.1		1.36E+09		Direct Brown 95	16071-86-6	4.90E+01	1.20E+02	1.20E+04	3.40E+01				
				4.00E-05	I					1	0.1		1.36E+09		Disulfoton	298-04-4					4.70E+01	1.10E+02		3.30E+01
				1.00E-02	I			V		1			1.36E+09	4.54E+04	Dithiane, 1,4-	505-29-3					1.20E+04			1.20E+04
				2.00E-03	I					1	0.1		1.36E+09		Diuron	330-54-1					2.30E+03	5.50E+03		1.60E+03
				4.00E-03	I					1	0.1		1.36E+09		Dodine	2439-10-3					4.70E+03	1.10E+04		3.30E+03
				2.50E-02	I			V		1			1.36E+09	1.17E+05	EPTC	759-94-4					2.90E+04			2.90E+04
				6.00E-03	I			V		1			1.36E+09	4.10E+05	Endosulfan	115-29-7					7.00E+03			7.00E+03
				2.00E-02	I					1	0.1		1.36E+09		Endothall	145-73-3					2.30E+04	5.50E+04		1.60E+04
				3.00E-04	I					1	0.1		1.36E+09		Endrin	72-20-8					3.50E+02	8.30E+02		2.50E+02
9.90E-03	I	1.20E-06	I	6.00E-03	P	1.00E-03	I	V		1		1.05E+04	1.36E+09	1.89E+04	Epichlorohydrin	106-89-8	3.30E+04		1.90E+04	1.20E+04	7.00E+03		8.30E+01	8.20E+01
						2.00E-02	I	V		1		1.53E+04	1.36E+09	7.66E+03	Epoxybutane, 1,2-	106-88-7							6.70E+02	6.70E+02
				5.00E-03	I					1	0.1		1.36E+09		Ethephon	16672-87-0					5.80E+03	1.40E+04		4.10E+03
				5.00E-04	I					1	0.1		1.36E+09		Ethion	563-12-2					5.80E+02	1.40E+03		4.10E+02
				1.00E-01	P	6.00E-02	P	V		1		3.14E+04	1.36E+09	6.15E+04	Ethoxyethanol Acetate, 2-	111-15-9					1.20E+05		1.60E+04	1.40E+04
				9.00E-02	P	2.00E-01	I	V		1		1.06E+05	1.36E+09	9.84E+04	Ethoxyethanol, 2-	110-80-5					1.10E+05		8.60E+04	4.70E+04

RML
HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
				9.00E-01	I	7.00E-02	P	V		1		1.08E+04	1.36E+09	8.62E+03	Ethyl Acetate	141-78-6					1.10E+06		2.60E+03	2.60E+03
4.80E-02	H			5.00E-03	P	8.00E-03	P	V		1		2.50E+03	1.36E+09	6.34E+03	Ethyl Acrylate	140-88-5	6.80E+03			6.80E+03	5.80E+03		2.20E+02	2.10E+02
						1.00E+01	I	V		1		2.12E+03	1.36E+09	1.29E+03	Ethyl Chloride (Chloroethane)	75-00-3							5.70E+04	5.70E+04
				2.00E-01	I			V		1		1.01E+04	1.36E+09	3.12E+03	Ethyl Ether	60-29-7					2.30E+05			2.30E+05
				9.00E-02	H	3.00E-01	P	V		1		1.10E+03	1.36E+09	5.77E+03	Ethyl Methacrylate	97-63-2					1.10E+05		7.60E+03	7.10E+03
				1.00E-05	I					1	0.1		1.36E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.20E+01	2.80E+01		8.20E+00
1.10E-02	C	2.50E-06	C	1.00E-01	I	1.00E+00	I	V		1		4.80E+02	1.36E+09	5.67E+03	Ethylbenzene	100-41-4	3.00E+04		2.80E+03	2.50E+03	1.20E+05		2.50E+04	2.00E+04
				7.00E-02	P					1	0.1		1.36E+09		Ethylene Cyanohydrin	109-78-4					8.20E+04	1.90E+05		5.70E+04
				9.00E-02	P			V		1		1.89E+05	1.36E+09	1.80E+05	Ethylene Diamine	107-15-3					1.10E+05			1.10E+05
				2.00E+00	I	4.00E-01	C			1	0.1		1.36E+09		Ethylene Glycol	107-21-1					2.30E+06	5.50E+06	2.40E+09	1.60E+06
				1.00E-01	I	1.60E+00	I			1	0.1		1.36E+09		Ethylene Glycol Monobutyl Ether	111-76-2					1.20E+05	2.80E+05	9.50E+09	8.20E+04
3.10E-01	C	8.80E-05	C			3.00E-02	C	V		1		1.21E+05	1.36E+09	6.09E+03	Ethylene Oxide	75-21-8	1.10E+03		8.50E+01	7.90E+01			8.00E+02	8.00E+02
4.50E-02	C	1.30E-05	C	8.00E-05	I					1	0.1		1.36E+09		Ethylene Thiourea	96-45-7	7.30E+03	1.70E+04	1.30E+08	5.10E+03	9.30E+01	2.20E+02		6.60E+01
6.50E+01	C	1.90E-02	C					V		1		1.54E+05	1.36E+09	2.39E+04	Ethyleneimine	151-56-4	5.00E+00		1.50E+00	1.20E+00				
				3.00E+00	I					1	0.1		1.36E+09		Ethylphthalyl Ethyl Glycolate	84-72-0					3.50E+06	8.30E+06		2.50E+06
				8.00E-03	I					1	0.1		1.36E+09		Express	101200-48-0					9.30E+03	2.20E+04		6.60E+03
				2.50E-04	I					1	0.1		1.36E+09		Fenamiphos	22224-92-6					2.90E+02	6.90E+02		2.10E+02
				2.50E-02	I					1	0.1		1.36E+09		Fenpropathrin	39515-41-8					2.90E+04	6.90E+04		2.10E+04
				1.30E-02	I					1	0.1		1.36E+09		Fluometuron	2164-17-2					1.50E+04	3.60E+04		1.10E+04
				4.00E-02	C	1.30E-02	C			1			1.36E+09		Fluoride	16984-48-8					4.70E+04		7.70E+07	4.70E+04
				6.00E-02	I	1.30E-02	C			1			1.36E+09		Fluorine (Soluble Fluoride)	7782-41-4					7.00E+04		7.70E+07	7.00E+04
				8.00E-02	I					1	0.1		1.36E+09		Fluridone	59756-60-4					9.30E+04	2.20E+05		6.60E+04
				2.00E-02	I					1	0.1		1.36E+09		Flurprimidol	56425-91-3					2.30E+04	5.50E+04		1.60E+04
				6.00E-02	I					1	0.1		1.36E+09		Flutolanil	66332-96-5					7.00E+04	1.70E+05		4.90E+04
				1.00E-02	I					1	0.1		1.36E+09		Fluvalinate	69409-94-5					1.20E+04	2.80E+04		8.20E+03
3.50E-03	I			1.00E-01	I					1	0.1		1.36E+09		Folpet	133-07-3	9.30E+04	2.20E+05		6.60E+04	1.20E+05	2.80E+05		8.20E+04
1.90E-01	I									1	0.1		1.36E+09		Fomesafen	72178-02-0	1.70E+03	4.10E+03		1.20E+03				
				2.00E-03	I					1	0.1		1.36E+09		Fonofos	944-22-9					2.30E+03	5.50E+03		1.60E+03
		1.30E-05	I	2.00E-01	I	9.80E-03	A	V		1		4.24E+04	1.36E+09	7.77E+04	Formaldehyde	50-00-0			7.30E+03	7.30E+03	2.30E+05		3.30E+03	3.30E+03
				9.00E-01	P	3.00E-04	X	V		1		1.06E+05	1.36E+09	9.30E+04	Formic Acid	64-18-6					1.10E+06		1.20E+02	1.20E+02
				3.00E+00	I					1	0.1		1.36E+09		Fosetyl-AL	39148-24-8					3.50E+06	8.30E+06		2.50E+06
															Furans									
				1.00E-03	X			V		1	0.03		1.36E+09	1.96E+05	~Dibenzofuran	132-64-9					1.20E+03	9.20E+03		1.00E+03
				1.00E-03	I			V		1	0.03	6.22E+03	1.36E+09	2.82E+03	~Furan	110-00-9					1.20E+03	9.20E+03		1.00E+03
				9.00E-01	I	2.00E+00	I	V		1	0.03	1.65E+05	1.36E+09	1.22E+04	~Tetrahydrofuran	109-99-9					1.10E+06	8.30E+06	1.10E+05	9.60E+04
3.80E+00	H									1	0.1		1.36E+09		Furazolidone	67-45-8	8.60E+01	2.00E+02		6.00E+01				
				3.00E-03	I	5.00E-02	H	V		1		1.01E+04	1.36E+09	4.86E+04	Furfural	98-01-1					3.50E+03		1.10E+04	2.60E+03
1.50E+00	C	4.30E-04	C							1	0.1		1.36E+09		Furium	531-82-8	2.20E+02	5.20E+02	3.90E+06	1.50E+02				
3.00E-02	I	8.60E-06	C							1	0.1		1.36E+09		Furmecyclox	60568-05-0	1.10E+04	2.60E+04	1.90E+08	7.70E+03				
				4.00E-04	I					1	0.1		1.36E+09		Glufosinate, Ammonium	77182-82-2					4.70E+02	1.10E+03		3.30E+02
						8.00E-05	C			1	0.1		1.36E+09		Glutaraldehyde	111-30-8							4.80E+05	4.80E+05
				4.00E-04	I	1.00E-03	H	V		1		1.06E+05	1.36E+09	7.34E+04	Glycidyl	765-34-4					4.70E+02		3.20E+02	1.90E+02
				1.00E-01	I					1	0.1		1.36E+09		Glyphosate	1071-83-6					1.20E+05	2.80E+05		8.20E+04
				3.00E-03	I					1	0.1		1.36E+09		Goal	42874-03-3					3.50E+03	8.30E+03		2.50E+03
				1.00E-02	X			V		1			1.36E+09	1.45E+05	Guanidine	113-00-8					1.20E+04			1.20E+04
				2.00E-02	P					1	0.1		1.36E+09		Guanidine Chloride	50-01-1					2.30E+04	5.50E+04		1.60E+04
				3.00E-03	A	1.00E-02	A			1	0.1		1.36E+09		Guthion	86-50-0					3.50E+03	8.30E+03	6.00E+07	2.50E+03
				5.00E-05	I					1	0.1		1.36E+09		Haloxyfop, Methyl	69806-40-2					5.80E+01	1.40E+02		4.10E+01
				1.30E-02	I					1	0.1		1.36E+09		Harmony	79277-27-3					1.50E+04	3.60E+04		1.10E+04
4.50E+00	I	1.30E-03	I	5.00E-04	I			V		1			1.36E+09	4.79E+05	Heptachlor	76-44-8	7.30E+01		4.50E+02	6.30E+01	5.80E+02			5.80E+02
9.10E+00	I	2.60E-03	I	1.30E-05	I			V		1			1.36E+09	8.43E+05	Heptachlor Epoxide	1024-57-3	3.60E+01		4.00E+02	3.30E+01	1.50E+01			1.50E+01
				2.00E-03	I			V		1			1.36E+09	3.80E+05	Hexabromobenzene	87-82-1					2.30E+03			2.30E+03
				2.00E-04	I					1	0.1		1.36E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.30E+02	5.50E+02		1.60E+02
1.60E+00	I	4.60E-04	I	8.00E-04	I			V		1			1.36E+09	6.80E+04	Hexachlorobenzene	118-74-1	2.00E+02		1.80E+02	9.60E+01	9.30E+02			9.30E+02
7.80E-02	I	2.20E-05	I	1.00E-03	P			V		1		1.68E+01	1.36E+09	1.08E+04	Hexachlorobutadiene	87-68-3	4.20E+03		6.00E+02	5.30E+02	1.20E+03			1.20E+03
6.30E+00	I	1.80E-03	I	8.00E-03	A					1	0.1		1.36E+09		Hexachlorocyclohexane, Alpha-	319-84-6	5.20E+01	1.20E+02	9.30E+05	3.60E+01	9.30E+03	2.20E+04		6.60E+03
1.80E+00	I	5.30E-04	I							1	0.1		1.36E+09		Hexachlorocyclohexane, Beta-	319-85-7	1.80E+02	4.30E+02	3.10E+06	1.30E+02				
1.10E+00	C	3.10E-04	C	3.00E-04	I					1	0.04		1.36E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	3.00E+02	1.80E+03	5.40E+06	2.50E+02	3.50E+02	2.10E+03		3.00E+02
1.80E+00	I	5.10E-04	I							1	0.1		1.36E+09		Hexachlorocyclohexane, Technical	608-73-1	1.80E+02	4.30E+02	3.30E+06	1.30E+02				
				6.00E-03	I	2.00E-04	I	V		1		1.57E+01	1.36E+09	8.51E+03	Hexachlorocyclopentadiene	77-47-4					7.00E+03		7.50E+00	7.50E+00
4.00E-02	I	1.10E-05	C	7.00E-04	I	3.00E-02	I	V		1			1.36E+09	8.01E+03	Hexachloroethane	67-72-1	8.20E+03		8.90E+02	8.00E+02	8.20E+02		1.10E+03	4.60E+02
				3.00E-04	I					1	0.1		1.36E+09		Hexachlorophene	70-30-4					3.50E+02	8.30E+02		2.50E+02
1.10E-01	I			3.00E-03	I					1	0.015		1.36E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	3.00E+03	4.70E+04		2.80E+03	3.50E+03	5.50E+04		3.30E+03
						1.00E-05	I	V		1		5.19E+03	1.36E+09	3.00E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							1.30E+01	1.30E+01
				4.00E-04	P					1	0.1		1.36E+09		Hexamethylphosphoramide	680-31-9					4.70E+02	1.10E+03		3.30E+02
				6.00E-02	H	7.00E-01	I	V		1		1.41E+02	1.36E+09	8.29E+02	Hexane, N-	110-54-3					7.00E+04		2.50E+03	2.50E+03
				2.00E+00	P					1	0.1		1.36E+09		Hexanedioic Acid	124-04-9					2.30E+06	5.50E+06		1.60E+06
				5.00E-03	I	3.00E-02	I	V		1		3.28E+03	1.36E+09	1.33E+04	Hexanone, 2-	591-78-6					5.80E+03		1.70E+03	1.30E+03
				3.30E-02	I					1	0.1		1.36E+09		Hexazinone	51235-04-2					3.90E+04	9.10E+04		2.70E+04
3.00E+00	I	4.90E-03	I			3.00E-05	P	V		1			1.36E+09		Hydrazine	302-01-2	1.10E+02		3.40E+05	1.10E+02			1.80E+05	1.80E+05
3.00E+00	I	4.90E-03	I							1			1.36E+09		Hydrazine Sulfate	10034-93-2	1.10E+02		3.40E+05	1.10E+02				
						2.00E-02	I	V		1			1.36E+09		Hydrogen Chloride	7647-01-0							1.20E+08	1.20E+08
				4.00E-02	C	1.40E-02	C	V		1			1.36E+09		Hydrogen Fluoride	7664-39-3					4.70E+04		8.30E+07	4.70E+04
						2.00E-03	I	V		1			1.36E+09		Hydrogen Sulfide	7783-06-4							1.20E+07	1.20E+07
6.00E-02	P			4.00E-02	P					1	0.1		1.36E+09		Hydroquinone	123-31-9	5.50E+03	1.30E+04		3.80E+03	4.70E+04	1.10E+05		3.30E+04
				1.30E-02	I					1	0.1		1.36E+09		Imazalil	35554-44-0					1.50E+04	3.60E+04		1.10E+04

RML
THQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
				2.50E-01	I					1	0.1		1.36E+09		Imazaquin	81335-37-7					2.90E+05	6.90E+05		2.10E+05
				1.00E-02	A					1			1.36E+09		Iodine	7553-56-2					1.20E+04			1.20E+04
				4.00E-02	I					1	0.1		1.36E+09		Iprodione	36734-19-7					4.70E+04	1.10E+05		3.30E+04
				7.00E-01	P					1			1.36E+09		Iron	7439-89-6					8.20E+05			8.20E+05
				3.00E-01	I			V		1		1.00E+04	1.36E+09	2.81E+04	Isobutyl Alcohol	78-83-1					3.50E+05			3.50E+05
9.50E-04	I			2.00E-01	I	2.00E+00	C			1	0.1		1.36E+09		Isophorone	78-59-1	3.40E+05	8.10E+05		2.40E+05	2.30E+05	5.50E+05	1.20E+10	1.60E+05
				1.50E-02	I			V		1			1.36E+09	4.20E+05	Isopropalin	33820-53-0					1.80E+04			1.80E+04
				2.00E+00	P	2.00E-01	P	V		1		1.09E+05	1.36E+09	2.77E+04	Isopropanol	67-63-0					2.30E+06		2.40E+04	2.40E+04
				1.00E-01	I					1	0.1		1.36E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					1.20E+05	2.80E+05		8.20E+04
				5.00E-02	I					1	0.1		1.36E+09		Isoxaben	82558-50-7					5.80E+04	1.40E+05		4.10E+04
						3.00E-01	A	V		1			1.36E+09		JP-7	NA							1.80E+09	1.80E+09
				7.50E-02	I					1	0.1		1.36E+09		Kerb	23950-58-5					8.80E+04	2.10E+05		6.20E+04
				2.00E-03	I					1	0.1		1.36E+09		Lactofen	77501-63-4					2.30E+03	5.50E+03		1.60E+03
															Lead Compounds									
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		~Lead Chromate	7758-97-6	6.50E+02		1.10E+04	6.20E+02	2.30E+04		1.20E+06	2.30E+04
8.50E-03	C	1.20E-05	C							1			1.36E+09		~Lead Phosphate	7446-27-7	3.80E+04		1.40E+08	3.80E+04				
2.80E-01	C	8.00E-05	C							1	0.1		1.36E+09		~Lead acetate	301-04-2	1.20E+03	2.80E+03	2.10E+07	8.20E+02				
										1			1.36E+09		~Lead and Compounds	7439-92-1								8.00E+02
8.50E-03	C	1.20E-05	C							1	0.1		1.36E+09		~Lead subacetate	1335-32-6	3.80E+04	9.10E+04	1.40E+08	2.70E+04				
				1.00E-07	I			V		1		2.43E+00	1.36E+09	1.91E+03	~Tetraethyl Lead	78-00-2					1.20E-01			1.20E-01
				2.00E-03	I					1	0.1		1.36E+09		Linuron	330-55-2					2.30E+03	5.50E+03		1.60E+03
				2.00E-03	P					1			1.36E+09		Lithium	7439-93-2					2.30E+03			2.30E+03
				2.00E-01	I					1	0.1		1.36E+09		Londax	83055-99-6					2.30E+05	5.50E+05		1.60E+05
				5.00E-04	I					1	0.1		1.36E+09		MCPA	94-74-6					5.80E+02	1.40E+03		4.10E+02
				1.00E-02	I					1	0.1		1.36E+09		MCPB	94-81-5					1.20E+04	2.80E+04		8.20E+03
				1.00E-03	I					1	0.1		1.36E+09		MCPP	93-65-2					1.20E+03	2.80E+03		8.20E+02
				2.00E-02	I					1	0.1		1.36E+09		Malathion	121-75-5					2.30E+04	5.50E+04		1.60E+04
				1.00E-01	I	7.00E-04	C			1	0.1		1.36E+09		Maleic Anhydride	108-31-6					1.20E+05	2.80E+05	4.20E+06	8.00E+04
				5.00E-01	I					1	0.1		1.36E+09		Maleic Hydrazide	123-33-1					5.80E+05	1.40E+06		4.10E+05
				1.00E-04	P					1	0.1		1.36E+09		Malononitrile	109-77-3					1.20E+02	2.80E+02		8.20E+01
				3.00E-02	H					1	0.1		1.36E+09		Mancozeb	8018-01-7					3.50E+04	8.30E+04		2.50E+04
				5.00E-03	I					1	0.1		1.36E+09		Maneb	12427-38-2					5.80E+03	1.40E+04		4.10E+03
				1.40E-01	I	5.00E-05	I			1					Manganese (Diet)	7439-96-5								
				2.40E-02	S	5.00E-05	I			0.04			1.36E+09		Manganese (Non-diet)	7439-96-5					2.80E+04		3.00E+05	2.60E+04
				9.00E-05	H					1	0.1		1.36E+09		Mephosfolan	950-10-7					1.10E+02	2.50E+02		7.40E+01
				3.00E-02	I					1	0.1		1.36E+09		Mepiquat Chloride	24307-26-4					3.50E+04	8.30E+04		2.50E+04
															Mercury Compounds									
				3.00E-04	I	3.00E-04	S			0.07			1.36E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					3.50E+02		1.80E+06	3.50E+02
						3.00E-04	I	V		1		3.13E+00	1.36E+09	3.01E+04	~Mercury (elemental)	7439-97-6							4.00E+01	4.00E+01
				1.00E-04	I					1			1.36E+09		~Methyl Mercury	22967-92-6					1.20E+02			1.20E+02
				8.00E-05	I					1	0.1		1.36E+09		~Phenylmercuric Acetate	62-38-4					9.30E+01	2.20E+02		6.60E+01
				3.00E-05	I			V		1			1.36E+09	1.94E+06	Merphos	150-50-5					3.50E+01			3.50E+01
				3.00E-05	I					1	0.1		1.36E+09		Merphos Oxide	78-48-8					3.50E+01	8.30E+01		2.50E+01
				6.00E-02	I					1	0.1		1.36E+09		Metalaxyl	57837-19-1					7.00E+04	1.70E+05		4.90E+04
				1.00E-04	I	3.00E-02	P	V		1		4.58E+03	1.36E+09	6.79E+03	Methacrylonitrile	126-98-7					1.20E+02		8.90E+02	1.00E+02
				5.00E-05	I					1	0.1		1.36E+09		Methamidophos	10265-92-6					5.80E+01	1.40E+02		4.10E+01
				2.00E+00	I	2.00E+01	I	V		1		1.06E+05	1.36E+09	2.90E+04	Methanol	67-56-1					2.30E+06		2.50E+06	1.20E+06
				1.00E-03	I					1	0.1		1.36E+09		Methidathion	950-37-8					1.20E+03	2.80E+03		8.20E+02
				2.50E-02	I					1	0.1		1.36E+09		Methomyl	16752-77-5					2.90E+04	6.90E+04		2.10E+04
4.90E-02	C	1.40E-05	C							1	0.1		1.36E+09		Methoxy-5-nitroaniline, 2-	99-59-2	6.70E+03	1.60E+04	1.20E+08	4.70E+03				
				5.00E-03	I					1	0.1		1.36E+09		Methoxychlor	72-43-5					5.80E+03	1.40E+04		4.10E+03
				8.00E-03	P	1.00E-03	P	V		1		1.15E+05	1.36E+09	1.24E+05	Methoxyethanol Acetate, 2-	110-49-6					9.30E+03		5.40E+02	5.10E+02
				5.00E-03	P	2.00E-02	I	V		1		1.06E+05	1.36E+09	1.01E+05	Methoxyethanol, 2-	109-86-4					5.80E+03		8.80E+03	3.50E+03
				1.00E+00	X			V		1		2.90E+04	1.36E+09	8.12E+03	Methyl Acetate	79-20-9					1.20E+06			1.20E+06
				3.00E-02	H	2.00E-02	P	V		1		6.75E+03	1.36E+09	6.97E+03	Methyl Acrylate	96-33-3					3.50E+04		6.10E+02	6.00E+02
				6.00E-01	I	5.00E+00	I	V		1		2.84E+04	1.36E+09	1.22E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					7.00E+05		2.70E+05	1.90E+05
		1.00E-03	X	1.00E-03	P	2.00E-05	X	V		1		1.80E+05	1.36E+09	1.56E+05	Methyl Hydrazine	60-34-4			1.90E+02	1.90E+02	1.20E+03		1.40E+01	1.40E+01
				8.00E-02	H	3.00E+00	I	V		1		3.36E+03	1.36E+09	1.06E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					9.30E+04		1.40E+05	5.60E+04
						1.00E-03	C	V		1		1.67E+04	1.36E+09	4.42E+03	Methyl Isocyanate	624-83-9							1.90E+01	1.90E+01
				1.40E+00	I	7.00E-01	I	V		1		2.36E+03	1.36E+09	6.33E+03	Methyl Methacrylate	80-62-6					1.60E+06		1.90E+04	1.90E+04
				2.50E-04	I					1	0.1		1.36E+09		Methyl Parathion	298-00-0					2.90E+02	6.90E+02		2.10E+02
				6.00E-02	X					1	0.1		1.36E+09		Methyl Phosphonic Acid	993-13-5					7.00E+04	1.70E+05		4.90E+04
				6.00E-03	H	4.00E-02	H	V		1		3.93E+02	1.36E+09	1.20E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					7.00E+03		2.10E+03	1.60E+03
9.90E-02	C	2.80E-05	C							1	0.1		1.36E+09		Methyl methanesulfonate	66-27-3	3.30E+03	7.80E+03	6.00E+07	2.30E+03				
1.80E-03	C	2.60E-07	C			3.00E+00	I	V		1		8.87E+03	1.36E+09	4.90E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.80E+05		2.30E+04	2.10E+04			6.40E+04	6.40E+04
				3.00E-04	X					1	0.1		1.36E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					3.50E+02	8.30E+02		2.50E+02
9.00E-03	P			2.00E-02	X					1	0.1		1.36E+09		Methyl-5-Nitroaniline, 2-	99-55-8	3.60E+04	8.60E+04		2.60E+04	2.30E+04	5.50E+04		1.60E+04
8.30E+00	C	2.40E-03	C							1	0.1		1.36E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.90E+01	9.30E+01	6.90E+05	2.80E+01				
1.30E-01	C	3.70E-05	C							1	0.1		1.36E+09		Methylaniline Hydrochloride, 2-	636-21-5	2.50E+03	5.90E+03	4.50E+07	1.80E+03				
				1.00E-02	A					1	0.1		1.36E+09		Methylarsonic acid	124-58-3					1.20E+04	2.80E+04		8.20E+03
				2.00E-04	X					1	0.1		1.36E+09		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					2.30E+02	5.50E+02		1.60E+02
1.00E-01	X			3.00E-04	X					1	0.1		1.36E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	3.30E+03	7.70E+03		2.30E+03	3.50E+02	8.30E+02		2.50E+02
2.20E+01	C	6.30E-03	C						M	1	0.1		1.36E+09		Methylcholanthrene, 3-	56-49-5	1.50E+01	3.50E+01	2.60E+05	1.00E+01				
2.00E-03	I	1.00E-08	I	6.00E-03	I	6.00E-01	I	V	M	1		3.32E+03	1.36E+09	2.19E+03	Methylene Chloride	75-09-2	1.60E+05		2.70E+05	1.00E+05	7.00E+03		5.80E+03	3.20E+03
1.00E-01	P	4.30E-04	C	2.00E-03	P				M	1	0.1		1.36E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	3.30E+03	7.70E+03	3.90E+06	2.30E+03	2.30E+03	5.50E+03		1.60E+03
4.60E-02	I	1.30E-05	C							1	0.1		1.36E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	7.10E+03	1.70E+04	1.30E+08	5.00E+03				

RML
HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
1.60E+00	C	4.60E-04	C			2.00E-02	C			1	0.1		1.36E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	2.00E+02	4.80E+02	3.60E+06	1.40E+02			1.20E+08	1.20E+08
						6.00E-04	I			1	0.1		1.36E+09		Methylenediphenyl Diisocyanate	101-68-8							3.60E+06	3.60E+06
				7.00E-02	H			V		1		5.00E+02	1.36E+09	1.28E+04	Methylstyrene, Alpha-	98-83-9					8.20E+04			8.20E+04
				1.50E-01	I					1	0.1		1.36E+09		Metolachlor	51218-45-2					1.80E+05	4.10E+05		1.20E+05
				2.50E-02	I					1	0.1		1.36E+09		Metribuzin	21087-64-9					2.90E+04	6.90E+04		2.10E+04
				3.00E+00	P			V		1		3.42E-01	1.36E+09	1.38E+03	Mineral oils	8012-95-1					3.50E+06			3.50E+06
1.80E+01	C	5.10E-03	C	2.00E-04	I			V		1			1.36E+09	8.58E+05	Mirex	2385-85-5	1.80E+01		2.10E+02	1.70E+01	2.30E+02			2.30E+02
				2.00E-03	I					1	0.1		1.36E+09		Molinate	2212-67-1					2.30E+03	5.50E+03		1.60E+03
				5.00E-03	I					1			1.36E+09		Molybdenum	7439-98-7					5.80E+03			5.80E+03
				1.00E-01	I					1			1.36E+09		Monochloramine	10599-90-3					1.20E+05			1.20E+05
				2.00E-03	P					1	0.1		1.36E+09		Monomethylaniline	100-61-8					2.30E+03	5.50E+03		1.60E+03
				3.00E-04	X					1	0.1		1.36E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.50E+02	8.30E+02		2.50E+02
				2.00E-03	I			V		1			1.36E+09	5.70E+04	Naled	300-76-5					2.30E+03			2.30E+03
				3.00E-02	X	1.00E-01	P	V		1			1.36E+09		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					3.50E+04		6.00E+08	3.50E+04
1.80E+00	C	0.00E+00	C							1	0.1		1.36E+09		Naphthylamine, 2-	91-59-8	1.80E+02	4.30E+02		1.30E+02				
				1.00E-01	I					1	0.1		1.36E+09		Napropamide	15299-99-7					1.20E+05	2.80E+05		8.20E+04
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		1.36E+09		Nickel Acetate	373-02-4			6.40E+06	6.40E+06	1.30E+04	3.00E+04	8.30E+04	8.10E+03
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		1.36E+09		Nickel Carbonate	3333-67-3			6.40E+06	6.40E+06	1.30E+04	3.00E+04	8.30E+04	8.10E+03
		2.60E-04	C	1.10E-02	C	1.40E-05	C	V		1			1.36E+09		Nickel Carbonyl	13463-39-3			6.40E+06	6.40E+06	1.30E+04		8.30E+04	1.10E+04
		2.60E-04	C	1.10E-02	C	1.40E-05	C			0.04			1.36E+09		Nickel Hydroxide	12054-48-7			6.40E+06	6.40E+06	1.30E+04		8.30E+04	1.10E+04
		2.60E-04	C	1.10E-02	C	2.00E-05	C			0.04			1.36E+09		Nickel Oxide	1313-99-1			6.40E+06	6.40E+06	1.30E+04		1.20E+05	1.20E+04
		2.40E-04	I	1.10E-02	C	1.40E-05	C			0.04			1.36E+09		Nickel Refinery Dust	NA			6.90E+06	6.90E+06	1.30E+04		8.30E+04	1.10E+04
		2.60E-04	C	2.00E-02	I	9.00E-05	A			0.04			1.36E+09		Nickel Soluble Salts	7440-02-0			6.40E+06	6.40E+06	2.30E+04		5.40E+05	2.20E+04
1.70E+00	C	4.80E-04	I	1.10E-02	C	1.40E-05	C			0.04			1.36E+09		Nickel Subsulfide	12035-72-2	1.90E+02		3.50E+06	1.90E+02	1.30E+04		8.30E+04	1.10E+04
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		1.36E+09		Nickelocene	1271-28-9			6.40E+06	6.40E+06	1.30E+04	3.00E+04	8.30E+04	8.10E+03
				1.60E+00	I					1			1.36E+09		Nitrate	14797-55-8					1.90E+06			1.90E+06
										1			1.36E+09		Nitrate + Nitrite (as N)	NA								
				1.00E-01	I					1			1.36E+09		Nitrite	14797-65-0					1.20E+05			1.20E+05
				1.00E-02	X	5.00E-05	X			1	0.1		1.36E+09		Nitroaniline, 2-	88-74-4					1.20E+04	2.80E+04	3.00E+05	8.00E+03
2.00E-02	P			4.00E-03	P	6.00E-03	P			1	0.1		1.36E+09		Nitroaniline, 4-	100-01-6	1.60E+04	3.90E+04		1.10E+04	4.70E+03	1.10E+04	3.60E+07	3.30E+03
		4.00E-05	I	2.00E-03	I	9.00E-03	I	V		1		3.05E+03	1.36E+09	7.32E+04	Nitrobenzene	98-95-3			2.20E+03	2.20E+03	2.30E+03		2.90E+03	1.30E+03
				3.00E+03	P					1	0.1		1.36E+09		Nitrocellulose	9004-70-0					3.50E+09	8.30E+09		2.50E+09
				7.00E-02	H					1	0.1		1.36E+09		Nitrofurantoin	67-20-9					8.20E+04	1.90E+05		5.70E+04
1.30E+00	C	3.70E-04	C							1	0.1		1.36E+09		Nitrofurazone	59-87-0	2.50E+02	5.90E+02	4.50E+06	1.80E+02				
1.70E-02	P			1.00E-04	P					1	0.1		1.36E+09		Nitroglycerin	55-63-0	1.90E+04	4.50E+04		1.40E+04	1.20E+02	2.80E+02		8.20E+01
				1.00E-01	I					1	0.1		1.36E+09		Nitroguanidine	556-88-7					1.20E+05	2.80E+05		8.20E+04
		8.80E-06	P			5.00E-03	P	V		1		1.80E+04	1.36E+09	1.89E+04	Nitromethane	75-52-5			2.40E+03	2.40E+03			3.70E+02	3.70E+02
		2.70E-03	H			2.00E-02	I	V		1		4.86E+03	1.36E+09	1.31E+04	Nitropropane, 2-	79-46-9			6.00E+00	6.00E+00			1.20E+03	1.20E+03
2.70E+01	C	7.70E-03	C						M	1	0.1		1.36E+09		Nitroso-N-ethylurea, N-	759-73-9	1.20E+01	2.90E+01	2.20E+05	8.50E+00				
1.20E+02	C	3.40E-02	C						M	1	0.1		1.36E+09		Nitroso-N-methylurea, N-	684-93-5	2.70E+00	6.40E+00	4.90E+04	1.90E+00				
5.40E+00	I	1.60E-03	I					V		1			1.36E+09	2.43E+05	Nitroso-di-N-butylamine, N-	924-16-3	6.10E+01		1.90E+02	4.60E+01				
7.00E+00	I	2.00E-03	C							1	0.1		1.36E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.70E+01	1.10E+02	8.30E+05	3.30E+01				
2.80E+00	I	8.00E-04	C							1	0.1		1.36E+09		Nitrosodiethanolamine, N-	1116-54-7	1.20E+02	2.80E+02	2.10E+06	8.20E+01				
1.50E+02	I	4.30E-02	I						M	1	0.1		1.36E+09		Nitrosodiethylamine, N-	55-18-5	2.20E+00	5.20E+00	3.90E+04	1.50E+00				
5.10E+01	I	1.40E-02	I	8.00E-06	P	4.00E-05	X	V	M	1		2.37E+05	1.36E+09	8.23E+04	Nitrosodimethylamine, N-	62-75-9	6.40E+00		7.20E+00	3.40E+00	9.30E+00		1.40E+01	5.70E+00
4.90E-03	I	2.60E-06	C							1	0.1		1.36E+09		Nitrosodiphenylamine, N-	86-30-6	6.70E+04	1.60E+05	6.40E+08	4.70E+04				
2.20E+01	I	6.30E-03	C					V		1		1.08E+05	1.36E+09	1.21E+05	Nitrosomethylethylamine, N-	10595-95-6	1.50E+01		2.40E+01	9.10E+00				
6.70E+00	C	1.90E-03	C							1	0.1		1.36E+09		Nitrosomorpholine [N-]	59-89-2	4.90E+01	1.20E+02	8.80E+05	3.40E+01				
9.40E+00	C	2.70E-03	C							1	0.1		1.36E+09		Nitrosopiperidine [N-]	100-75-4	3.50E+01	8.20E+01	6.20E+05	2.40E+01				
2.10E+00	I	6.10E-04	I							1	0.1		1.36E+09		Nitrosopyrrolidine, N-	930-55-2	1.60E+02	3.70E+02	2.70E+06	1.10E+02				
				1.00E-04	X					1	0.1		1.36E+09		Nitrotoluene, m-	99-08-1					1.20E+02	2.80E+02		8.20E+01
2.20E-01	P			9.00E-04	P			V		1		1.51E+03	1.36E+09	1.37E+05	Nitrotoluene, o-	88-72-2	1.50E+03			1.50E+03	1.10E+03			1.10E+03
1.60E-02	P			4.00E-03	P					1	0.1		1.36E+09		Nitrotoluene, p-	99-99-0	2.00E+04	4.80E+04		1.40E+04	4.70E+03	1.10E+04		3.30E+03
				3.00E-04	X	2.00E-02	P	V		1		6.86E+00	1.36E+09	1.04E+03	Nonane, n-	111-84-2					3.50E+02		9.10E+01	7.20E+01
				4.00E-02	I					1	0.1		1.36E+09		Norflurazon	27314-13-2					4.70E+04	1.10E+05		3.30E+04
				7.00E-04	I					1	0.1		1.36E+09		Nustar	85509-19-9					8.20E+02	1.90E+03		5.70E+02
				3.00E-03	I					1	0.1		1.36E+09		Octabromodiphenyl Ether	32536-52-0					3.50E+03	8.30E+03		2.50E+03
				5.00E-02	I					1	0.006		1.36E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					5.80E+04	2.30E+06		5.70E+04
				2.00E-03	H					1	0.1		1.36E+09		Octamethylpyrophosphoramide	152-16-9					2.30E+03	5.50E+03		1.60E+03
				5.00E-02	I					1	0.1		1.36E+09		Oryzalin	19044-88-3					5.80E+04	1.40E+05		4.10E+04
				5.00E-03	I					1	0.1		1.36E+09		Oxadiazon	19666-30-9					5.80E+03	1.40E+04		4.10E+03
				2.50E-02	I					1	0.1		1.36E+09		Oxamyl	23135-22-0					2.90E+04	6.90E+04		2.10E+04
				1.30E-02	I					1	0.1		1.36E+09		Paclobutrazol	76738-62-0					1.50E+04	3.60E+04		1.10E+04
				4.50E-03	I					1	0.1		1.36E+09		Paraquat Dichloride	1910-42-5					5.30E+03	1.20E+04		3.70E+03
				6.00E-03	H					1	0.1		1.36E+09		Parathion	56-38-2					7.00E+03	1.70E+04		4.90E+03
				5.00E-02	H			V		1			1.36E+09	4.49E+04	Pebulate	1114-71-2					5.80E+04			5.80E+04
				4.00E-02	I					1	0.1		1.36E+09		Pendimethalin	40487-42-1					4.70E+04	1.10E+05		3.30E+04
				2.00E-03	I					1	0.1		1.36E+09		Pentabromodiphenyl Ether	32534-81-9					2.30E+03	5.50E+03		1.60E+03
				1.00E-04	I					1	0.1		1.36E+09		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.20E+02	2.80E+02		8.20E+01
				8.00E-04	I			V		1			1.36E+09	8.12E+04	Pentachlorobenzene	608-93-5					9.30E+02			9.30E+02
9.00E-02	P							V		1		4.47E+02	1.36E+09	9.65E+03	Pentachloroethane	76-01-7	3.60E+03			3.60E+03				
2.60E-01	H			3.00E-03	I			V		1			1.36E+09	4.32E+05	Pentachloronitrobenzene	82-68-8	1.30E+03			1.30E+03	3.50E+03			3.50E+03
4.00E-01	I	5.10E-06	C	5.00E-03	I					1	0.25		1.36E+09		Pentachlorophenol	87-86-5	8.20E+02	7.70E+02	3.30E+08	4.00E+02	5.80E+03	5.50E+03		2.80E+03
4.00E-03	X			2.00E-03	P					1	0.1		1.36E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	8.20E+04	1.90E+05		5.70E+04	2.30E+03	5.50E+03		1.60E+03
						1.00E+00	P	V		1		3.88E+02	1.36E+09	7.79E+02	Pentane, n-	109-66-0							3.40E+03	3.40E+03
															Perchlorates									

RML HQ=1.0

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Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
				7.00E-04	I					1			1.36E+09		~Ammonium Perchlorate	7790-98-9					8.20E+02			8.20E+02
				7.00E-04	I					1			1.36E+09		~Lithium Perchlorate	7791-03-9					8.20E+02			8.20E+02
				7.00E-04	I					1			1.36E+09		~Perchlorate and Perchlorate Salts	14797-73-0					8.20E+02			8.20E+02
				7.00E-04	I					1			1.36E+09		~Potassium Perchlorate	7778-74-7					8.20E+02			8.20E+02
				7.00E-04	I					1			1.36E+09		~Sodium Perchlorate	7601-89-0					8.20E+02			8.20E+02
				2.00E-02	P			V		1			1.36E+09	1.32E+05	Perfluorobutane Sulfonate	375-73-5					2.30E+04			2.30E+04
				5.00E-02	I					1	0.1		1.36E+09		Permethrin	52645-53-1					5.80E+04	1.40E+05		4.10E+04
2.20E-03	C	6.30E-07	C							1	0.1		1.36E+09		Phenacetin	62-44-2	1.50E+05	3.50E+05	2.60E+09	1.00E+05				
				2.50E-01	I					1	0.1		1.36E+09		Phenmedipham	13684-63-4					2.90E+05	6.90E+05		2.10E+05
				3.00E-01	I	2.00E-01	C			1	0.1		1.36E+09		Phenol	108-95-2					3.50E+05	8.30E+05	1.20E+09	2.50E+05
				5.00E-04	X					1	0.1		1.36E+09		Phenothiazine	92-84-2					5.80E+02	1.40E+03		4.10E+02
				6.00E-03	I					1	0.1		1.36E+09		Phenylenediamine, m-	108-45-2					7.00E+03	1.70E+04		4.90E+03
4.70E-02	H									1	0.1		1.36E+09		Phenylenediamine, o-	95-54-5	7.00E+03	1.60E+04		4.90E+03				
				1.90E-01	H					1	0.1		1.36E+09		Phenylenediamine, p-	106-50-3					2.20E+05	5.20E+05		1.60E+05
1.90E-03	H									1	0.1		1.36E+09		Phenylphenol, 2-	90-43-7	1.70E+05	4.00E+05		1.20E+05				
				2.00E-04	H					1	0.1		1.36E+09		Phorate	298-02-2					2.30E+02	5.50E+02		1.60E+02
						3.00E-04	I	V		1		1.61E+03	1.36E+09	9.81E+02	Phosgene	75-44-5							1.30E+00	1.30E+00
				2.00E-02	I					1	0.1		1.36E+09		Phosmet	732-11-6					2.30E+04	5.50E+04		1.60E+04
															Phosphates, Inorganic									
				4.90E+01	P					1			1.36E+09		~Aluminum metaphosphate	13776-88-0					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Ammonium polyphosphate	68333-79-9					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Calcium pyrophosphate	7790-76-3					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Diammonium phosphate	7783-28-0					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Dicalcium phosphate	7757-93-9					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Dimagnesium phosphate	7782-75-4					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Dipotassium phosphate	7758-11-4					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Disodium phosphate	7558-79-4					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Monoaluminum phosphate	13530-50-2					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Monoammonium phosphate	7722-76-1					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Monocalcium phosphate	7758-23-8					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Monomagnesium phosphate	7757-86-0					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Monopotassium phosphate	7778-77-0					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Monosodium phosphate	7558-80-7					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Polyphosphoric acid	8017-16-1					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Potassium tripolyphosphate	13845-36-8					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium acid pyrophosphate	7758-16-9					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium aluminum phosphate (acidic)	7785-88-8					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium aluminum phosphate (anhydrous)	10279-59-1					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium hexametaphosphate	10124-56-8					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium polyphosphate	68915-31-1					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium trimetaphosphate	7785-84-4					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Sodium tripolyphosphate	7758-29-4					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Tetrapotassium phosphate	7320-34-5					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Tetrasodium pyrophosphate	7722-88-5					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Tricalcium phosphate	7758-87-4					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Trimagnesium phosphate	7757-87-1					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Tripotassium phosphate	7778-53-2					5.70E+07			5.70E+07
				4.90E+01	P					1			1.36E+09		~Trisodium phosphate	7601-54-9					5.70E+07			5.70E+07
				3.00E-04	I	3.00E-04	I	V		1			1.36E+09		Phosphine	7803-51-2					3.50E+02		1.80E+06	3.50E+02
				4.90E+01	P	1.00E-02	I			1			1.36E+09		Phosphoric Acid	7664-38-2					5.70E+07		6.00E+07	2.90E+07
				2.00E-05	I			V		1			1.36E+09	6.92E+03	Phosphorus, White	7723-14-0					2.30E+01			2.30E+01
															Phthalates									
1.40E-02	I	2.40E-06	C	2.00E-02	I					1	0.1		1.36E+09		~Bis(2-ethylhexyl)phthalate	117-81-7	2.30E+04	5.50E+04	6.90E+08	1.60E+04	2.30E+04	5.50E+04		1.60E+04
				1.00E+00	I					1	0.1		1.36E+09		~Butylphthalyl Butylglycolate	85-70-1					1.20E+06	2.80E+06		8.20E+05
				1.00E-01	I					1	0.1		1.36E+09		~Dibutyl Phthalate	84-74-2					1.20E+05	2.80E+05		8.20E+04
				8.00E-01	I					1	0.1		1.36E+09		~Diethyl Phthalate	84-66-2					9.30E+05	2.20E+06		6.60E+05
				1.00E-01	I			V		1			1.36E+09	2.13E+04	~Dimethylterephthalate	120-61-6					1.20E+05			1.20E+05
				1.00E-02	P					1	0.1		1.36E+09		~Octyl Phthalate, di-N-	117-84-0					1.20E+04	2.80E+04		8.20E+03
				1.00E+00	H					1	0.1		1.36E+09		~Phthalic Acid, P-	100-21-0					1.20E+06	2.80E+06		8.20E+05
				2.00E+00	I	2.00E-02	C			1	0.1		1.36E+09		~Phthalic Anhydride	85-44-9					2.30E+06	5.50E+06	1.20E+08	1.60E+06
				7.00E-02	I					1	0.1		1.36E+09		Picloram	1918-02-1					8.20E+04	1.90E+05		5.70E+04
				1.00E-04	X					1	0.1		1.36E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.20E+02	2.80E+02		8.20E+01
				1.00E-02	I					1	0.1		1.36E+09		Pirimiphos, Methyl	29232-93-7					1.20E+04	2.80E+04		8.20E+03
3.00E+01	C	8.60E-03	C	7.00E-06	H					1	0.1		1.36E+09		Polybrominated Biphenyls	59536-65-1	1.10E+01	2.60E+01	1.90E+05	7.70E+00	8.20E+00	1.90E+01		5.70E+00
															Polychlorinated Biphenyls (PCBs)									
7.00E-02	S	2.00E-05	S	7.00E-05	I			V		1	0.14		1.36E+09	5.86E+05	~Aroclor 1016	12674-11-2	4.70E+03	7.90E+03	3.60E+04	2.70E+03	8.20E+01	1.40E+02		5.10E+01
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	1.14E+05	~Aroclor 1221	11104-28-2	1.60E+02	2.80E+02	2.40E+02	7.20E+01				
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	1.12E+05	~Aroclor 1232	11141-16-5	1.60E+02	2.80E+02	2.40E+02	7.20E+01				
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	7.93E+05	~Aroclor 1242	53469-21-9	1.60E+02	2.80E+02	1.70E+03	9.70E+01				
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	5.14E+05	~Aroclor 1248	12672-29-6	1.60E+02	2.80E+02	1.10E+03	9.40E+01				
2.00E+00	S	5.70E-04	S	2.00E-05	I			V		1	0.14		1.36E+09	8.43E+05	~Aroclor 1254	11097-69-1	1.60E+02	2.80E+02	1.80E+03	9.70E+01	2.30E+01	3.90E+01		1.50E+01
2.00E+00	S	5.70E-04	S					V		1	0.14		1.36E+09	1.31E+06	~Aroclor 1260	11096-82-5	1.60E+02	2.80E+02	2.80E+03	9.90E+01				
				6.00E-04	X			V		1	0.14		1.36E+09	7.16E+05	~Aroclor 5460	11126-42-4					7.00E+02	1.20E+03		4.40E+02
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	2.04E+06	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	8.40E+01	1.40E+02	2.20E+03	5.10E+01	2.70E+01	4.60E+01	1.20E+04	1.70E+01

RML TR=1E-4 HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.43E+06	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	8.40E+01	1.40E+02	1.50E+03	5.10E+01	2.70E+01	4.60E+01	8.40E+03	1.70E+01
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.45E+06	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	8.40E+01	1.40E+02	1.60E+03	5.10E+01	2.70E+01	4.60E+01	8.50E+03	1.70E+01
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.54E+06	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	8.40E+01	1.40E+02	1.70E+03	5.10E+01	2.70E+01	4.60E+01	9.00E+03	1.70E+01
3.90E+03	E	1.10E+00	E	2.30E-08	E	1.30E-06	E	V		1	0.14		1.36E+09	1.43E+06	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	8.40E-02	1.40E-01	1.50E+00	5.10E-02	2.70E-02	4.60E-02	8.40E+00	1.70E-02
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.03E+06	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	8.40E+01	1.40E+02	1.10E+03	5.00E+01	2.70E+01	4.60E+01	6.00E+03	1.70E+01
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	8.29E+05	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	8.40E+01	1.40E+02	8.90E+02	5.00E+01	2.70E+01	4.60E+01	4.80E+03	1.70E+01
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	8.45E+05	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	8.40E+01	1.40E+02	9.10E+02	5.00E+01	2.70E+01	4.60E+01	4.90E+03	1.70E+01
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		1.36E+09	1.03E+06	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	8.40E+01	1.40E+02	1.10E+03	5.00E+01	2.70E+01	4.60E+01	6.00E+03	1.70E+01
1.30E+04	E	3.80E+00	E	7.00E-09	E	4.00E-07	E	V		1	0.14		1.36E+09	1.02E+06	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	2.50E-02	4.20E-02	3.30E-01	1.50E-02	8.20E-03	1.40E-02	1.80E+00	5.10E-03
2.00E+00	I	5.70E-04	I					V		1	0.14		1.36E+09	7.85E+05	~Polychlorinated Biphenyls (high risk)	1336-36-3	1.60E+02	2.80E+02	1.70E+03	9.70E+01				
4.00E-01	I	1.00E-04	I					V		1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.00E-02	I	2.00E-05	I					V		1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.30E+01	E	3.80E-03	E	7.00E-06	E	4.00E-04	E			1	0.14		1.36E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.50E+01	4.20E+01	4.40E+05	1.60E+01	8.20E+00	1.40E+01	2.40E+06	5.10E+00
3.90E+01	E	1.10E-02	E	2.30E-06	E	1.30E-04	E	V		1	0.14		1.36E+09	7.25E+05	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	8.40E+00	1.40E+01	7.80E+01	4.90E+00	2.70E+00	4.60E+00	4.20E+02	1.70E+00
						6.00E-04	I			1	0.1		1.36E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.60E+06	3.60E+06
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.00E-02	I			V		1	0.13		1.36E+09	1.41E+05	~Acenaphthene	83-32-9					7.00E+04	1.30E+05		4.50E+04
				3.00E-01	I			V		1	0.13		1.36E+09	5.23E+05	~Anthracene	120-12-7					3.50E+05	6.40E+05		2.30E+05
7.30E-01	E	1.10E-04	C					V	M	1	0.13		1.36E+09	4.41E+06	~Benz[a]anthracene	56-55-3	4.50E+02	8.10E+02	4.90E+04	2.90E+02				
1.20E+00	C	1.10E-04	C							1	0.13		1.36E+09		~Benzo(j)fluoranthene	205-82-3	2.70E+02	5.00E+02	1.50E+07	1.80E+02				
7.30E+00	I	1.10E-03	C						M	1	0.13		1.36E+09		~Benzo[a]pyrene	50-32-8	4.50E+01	8.10E+01	1.50E+06	2.90E+01				
7.30E-01	E	1.10E-04	C						M	1	0.13		1.36E+09		~Benzo[b]fluoranthene	205-99-2	4.50E+02	8.10E+02	1.50E+07	2.90E+02				
7.30E-02	E	1.10E-04	C						M	1	0.13		1.36E+09		~Benzo[k]fluoranthene	207-08-9	4.50E+03	8.10E+03	1.50E+07	2.90E+03				
				8.00E-02	I			V		1	0.13		1.36E+09	7.99E+04	~Chloronaphthalene, Beta-	91-58-7					9.30E+04	1.70E+05		6.00E+04
7.30E-03	E	1.10E-05	C						M	1	0.13		1.36E+09		~Chrysene	218-01-9	4.50E+04	8.10E+04	1.50E+08	2.90E+04				
7.30E+00	E	1.20E-03	C						M	1	0.13		1.36E+09		~Dibenz[a,h]anthracene	53-70-3	4.50E+01	8.10E+01	1.40E+06	2.90E+01				
1.20E+01	C	1.10E-03	C							1	0.13		1.36E+09		~Dibenzo(a,e)pyrene	192-65-4	2.70E+01	5.00E+01	1.50E+06	1.80E+01				
2.50E+02	C	7.10E-02	C						M	1	0.13		1.36E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.30E+00	2.40E+00	2.30E+04	8.40E-01				
				4.00E-02	I					1	0.13		1.36E+09		~Fluoranthene	206-44-0					4.70E+04	8.50E+04		3.00E+04
				4.00E-02	I			V		1	0.13		1.36E+09	2.81E+05	~Fluorene	86-73-7					4.70E+04	8.50E+04		3.00E+04
7.30E-01	E	1.10E-04	C						M	1	0.13		1.36E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	4.50E+02	8.10E+02	1.50E+07	2.90E+02				
2.90E-02	P			7.00E-02	A			V		1	0.13		1.36E+09	5.86E+04	~Methylnaphthalene, 1-	90-12-0	1.10E+04	2.00E+04		7.30E+03	8.20E+04	1.50E+05		5.30E+04
				4.00E-03	I			V		1	0.13		1.36E+09	5.80E+04	~Methylnaphthalene, 2-	91-57-6					4.70E+03	8.50E+03		3.00E+03
		3.40E-05	C	2.00E-02	I	3.00E-03	I	V		1	0.13		1.36E+09	4.83E+04	~Naphthalene	91-20-3			1.70E+03	1.70E+03	2.30E+04	4.20E+04	6.10E+02	5.90E+02
1.20E+00	C	1.10E-04	C							1	0.13		1.36E+09		~Nitropyrene, 4-	57835-92-4	2.70E+02	5.00E+02	1.50E+07	1.80E+02				
				3.00E-02	I			V		1	0.13		1.36E+09	2.38E+06	~Pyrene	129-00-0					3.50E+04	6.40E+04		2.30E+04
				2.00E-02	P					1	0.1		1.36E+09		Potassium Perfluorobutane Sulfonate	29420-49-3					2.30E+04	5.50E+04		1.60E+04
1.50E-01	I			9.00E-03	I					1	0.1		1.36E+09		Prochloraz	67747-09-5	2.20E+03	5.20E+03		1.50E+03	1.10E+04	2.50E+04		7.40E+03
				6.00E-03	H			V		1			1.36E+09	4.20E+05	Profluralin	26399-36-0					7.00E+03			7.00E+03
				1.50E-02	I					1	0.1		1.36E+09		Prometon	1610-18-0					1.80E+04	4.10E+04		1.20E+04
				4.00E-03	I					1	0.1		1.36E+09		Prometryn	7287-19-6					4.70E+03	1.10E+04		3.30E+03
				1.30E-02	I					1	0.1		1.36E+09		Propachlor	1918-16-7					1.50E+04	3.60E+04		1.10E+04
				5.00E-03	I					1	0.1		1.36E+09		Propanil	709-98-8					5.80E+03	1.40E+04		4.10E+03
				2.00E-02	I					1	0.1		1.36E+09		Propargite	2312-35-8					2.30E+04	5.50E+04		1.60E+04
				2.00E-03	I			V		1		1.11E+05	1.36E+09	6.27E+04	Propargyl Alcohol	107-19-7					2.30E+03			2.30E+03
				2.00E-02	I					1	0.1		1.36E+09		Propazine	139-40-2					2.30E+04	5.50E+04		1.60E+04
				2.00E-02	I					1	0.1		1.36E+09		Propham	122-42-9					2.30E+04	5.50E+04		1.60E+04
				1.30E-02	I					1	0.1		1.36E+09		Propiconazole	60207-90-1					1.50E+04	3.60E+04		1.10E+04
						8.00E-03	I	V		1		3.26E+04	1.36E+09	8.84E+03	Propionaldehyde	123-38-6							3.10E+02	3.10E+02
				1.00E-01	X	1.00E+00	X	V		1		2.64E+02	1.36E+09	6.99E+03	Propyl benzene	103-65-1					1.20E+05		3.10E+04	2.40E+04
						3.00E+00	C	V		1		3.49E+02	1.36E+09	7.04E+02	Propylene	115-07-1							9.30E+03	9.30E+03
				2.00E+01	P					1	0.1		1.36E+09		Propylene Glycol	57-55-6					2.30E+07	5.50E+07		1.60E+07
						2.70E-04	A			1	0.1		1.36E+09		Propylene Glycol Dinitrate	6423-43-4							1.60E+06	1.60E+06
				7.00E-01	H			V		1		8.52E+04	1.36E+09	1.55E+05	Propylene Glycol Monoethyl Ether	1569-02-4					8.20E+05			8.20E+05
				7.00E-01	H	2.00E+00	I	V		1		1.06E+05	1.36E+09	7.83E+04	Propylene Glycol Monomethyl Ether	107-98-2					8.20E+05		6.90E+05	3.70E+05
2.40E-01	I	3.70E-06	I			3.00E-02	I	V		1		7.77E+04	1.36E+09	1.03E+04	Propylene Oxide	75-56-9	1.40E+03		3.40E+03	9.70E+02			1.40E+03	1.40E+03
				2.50E-01	I					1	0.1		1.36E+09		Pursuit	81335-77-5					2.90E+05	6.90E+05		2.10E+05
				2.50E-02	I					1	0.1		1.36E+09		Pydrin	51630-58-1					2.90E+04	6.90E+04		2.10E+04
				1.00E-03	I			V		1		5.30E+05	1.36E+09	5.54E+04	Pyridine	110-86-1					1.20E+03			1.20E+03
				5.00E-04	I					1	0.1		1.36E+09		Quinalphos	13593-03-8					5.80E+02	1.40E+03		4.10E+02
3.00E+00	I									1	0.1		1.36E+09		Quinoline	91-22-5	1.10E+02	2.60E+02		7.70E+01				
						3.00E-02	A			1			1.36E+09		Refractory Ceramic Fibers	NA							1.80E+08	1.80E+08
				3.00E-02	I					1	0.1		1.36E+09		Resmethrin	10453-86-8					3.50E+04	8.30E+04		2.50E+04
				5.00E-02	H			V		1			1.36E+09	4.65E+05	Ronnel	299-84-3					5.80E+04			5.80E+04
				4.00E-03	I					1	0.1		1.36E+09		Rotenone	83-79-4					4.70E+03	1.10E+04		3.30E+03
2.20E-01	C	6.30E-05	C						M	1	0.1		1.36E+09		Safrole	94-59-7	1.50E+03	3.50E+03	2.60E+07	1.00E+03				
				2.50E-02	I					1	0.1		1.36E+09		Savey	78587-05-0					2.90E+04	6.90E+04		2.10E+04
				5.00E-03	I					1			1.36E+09		Selenious Acid	7783-00-8					5.80E+03			5.80E+03
				5.00E-03	I	2.00E-02	C			1			1.36E+09		Selenium	7782-49-2					5.80E+03		1.20E+08	5.80E+03
				5.00E-03	C	2.00E-02	C			1			1.36E+09		Selenium Sulfide	7446-34-6					5.80E+03		1.20E+08	5.80E+03
				9.00E-02	I					1	0.1		1.36E+09		Sethoxydim	74051-80-2					1.10E+05	2.50E+05		7.40E+04
						3.00E-03	C			1			1.36E+09		Silica (crystalline, respirable)	7631-86-9							1.80E+07	1.80E+07
				5.00E-03	I					0.04			1.36E+09		Silver	7440-22-4					5.80E+03			5.80E+03
1.20E-01	H			5.00E-03	I					1	0.1		1.36E+09		Simazine	122-34-9	2.70E+03	6.40E+03		1.90E+03	5.80E+03	1.40E+04		4.10E+03
				1.30E-02	I					1	0.1		1.36E+09		Sodium Acifluorfen	62476-59-9					1.50E+04	3.60E+04		1.10E+04
				4.00E-03	I					1			1.36E+09		Sodium Azide	26628-22-8					4.70E+03			4.70E+03

RML
THQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Sodium Dichromate	10588-01-9	6.50E+02		1.10E+04	6.20E+02	2.30E+04		1.20E+06	2.30E+04
2.70E-01	H			3.00E-02	I					1	0.1		1.36E+09		Sodium Diethyldithiocarbamate	148-18-5	1.20E+03	2.90E+03		8.50E+02	3.50E+04	8.30E+04		2.50E+04
				5.00E-02	A	1.30E-02	C			1			1.36E+09		Sodium Fluoride	7681-49-4					5.80E+04		7.70E+07	5.80E+04
				2.00E-05	I					1	0.1		1.36E+09		Sodium Fluoroacetate	62-74-8					2.30E+01	5.50E+01		1.60E+01
				1.00E-03	H					1			1.36E+09		Sodium Metavanadate	13718-26-8					1.20E+03			1.20E+03
2.40E-02	H			3.00E-02	I					1	0.1		1.36E+09		Stirofos (Tetrachlorovinphos)	961-11-5	1.40E+04	3.20E+04		9.60E+03	3.50E+04	8.30E+04		2.50E+04
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			1.36E+09		Strontium Chromate	7789-06-2	6.50E+02		1.10E+04	6.20E+02	2.30E+04		1.20E+06	2.30E+04
				6.00E-01	I					1			1.36E+09		Strontium, Stable	7440-24-6					7.00E+05			7.00E+05
				3.00E-04	I					1	0.1		1.36E+09		Strychnine	57-24-9					3.50E+02	8.30E+02		2.50E+02
				2.00E-01	I	1.00E+00	I	V		1		8.67E+02	1.36E+09	9.35E+03	Styrene	100-42-5					2.30E+05		4.10E+04	3.50E+04
				3.00E-03	P					1	0.1		1.36E+09		Styrene-Acrylonitrile (SAN) Trimer	NA					3.50E+03	8.30E+03		2.50E+03
				1.00E-03	P	2.00E-03	X			1	0.1		1.36E+09		Sulfolane	126-33-0					1.20E+03	2.80E+03	1.20E+07	8.20E+02
				8.00E-04	P					1	0.1		1.36E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					9.30E+02	2.20E+03		6.60E+02
						1.00E-03	C	V		1			1.36E+09		Sulfur Trioxide	7446-11-9							6.00E+06	6.00E+06
						1.00E-03	C			1			1.36E+09		Sulfuric Acid	7664-93-9							6.00E+06	6.00E+06
				2.50E-02	I					1	0.1		1.36E+09		Systhane	88671-89-0					2.90E+04	6.90E+04		2.10E+04
				3.00E-02	H					1	0.1		1.36E+09		TCMTB	21564-17-0					3.50E+04	8.30E+04		2.50E+04
				7.00E-02	I					1	0.1		1.36E+09		Tebuthiuron	34014-18-1					8.20E+04	1.90E+05		5.70E+04
				2.00E-02	H					1	0.1		1.36E+09		Temephos	3383-96-8					2.30E+04	5.50E+04		1.60E+04
				1.30E-02	I					1	0.1		1.36E+09		Terbacil	5902-51-2					1.50E+04	3.60E+04		1.10E+04
				2.50E-05	H			V		1		3.09E+01	1.36E+09	2.64E+05	Terbufos	13071-79-9					2.90E+01			2.90E+01
				1.00E-03	I					1	0.1		1.36E+09		Terbutryn	886-50-0					1.20E+03	2.80E+03		8.20E+02
				1.00E-04	I					1	0.1		1.36E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.20E+02	2.80E+02		8.20E+01
				3.00E-04	I			V		1			1.36E+09	5.07E+04	Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.50E+02			3.50E+02
2.60E-02	I	7.40E-06	I	3.00E-02	I			V		1		6.80E+02	1.36E+09	5.88E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	1.30E+04		9.40E+02	8.80E+02	3.50E+04			3.50E+04
2.00E-01	I	5.80E-05	C	2.00E-02	I			V		1		1.90E+03	1.36E+09	1.51E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	1.60E+03		3.20E+02	2.70E+02	2.30E+04			2.30E+04
2.10E-03	I	2.60E-07	I	6.00E-03	I	4.00E-02	I	V		1		1.66E+02	1.36E+09	2.35E+03	Tetrachloroethylene	127-18-4	1.60E+05		1.10E+04	1.00E+04	7.00E+03		4.10E+02	3.90E+02
				3.00E-02	I					1	0.1		1.36E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					3.50E+04	8.30E+04		2.50E+04
2.00E+01	H							V		1			1.36E+09	1.05E+05	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	1.60E+01			1.60E+01				
				5.00E-04	I					1	0.1		1.36E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					5.80E+02	1.40E+03		4.10E+02
						8.00E+01	I	V		1		1.09E+03	1.36E+09	1.22E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							4.30E+05	4.30E+05
				2.00E-03	P					1	0.0007		1.36E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					2.30E+03	8.50E+05		2.30E+03
				7.00E-06	X					1			1.36E+09		Thallium (I) Nitrate	10102-45-1					8.20E+00			8.20E+00
				1.00E-05	X					1			1.36E+09		Thallium (Soluble Salts)	7440-28-0					1.20E+01			1.20E+01
				6.00E-06	X			V		1	0.1		1.36E+09		Thallium Acetate	563-68-8					7.00E+00	1.70E+01		4.90E+00
				2.00E-05	X					1	0.1		1.36E+09		Thallium Carbonate	6533-73-9					2.30E+01	5.50E+01		1.60E+01
				6.00E-06	X					1			1.36E+09		Thallium Chloride	7791-12-0					7.00E+00			7.00E+00
				2.00E-05	X					1			1.36E+09		Thallium Sulfate	7446-18-6					2.30E+01			2.30E+01
				1.00E-02	I					1	0.1		1.36E+09		Thiobencarb	28249-77-6					1.20E+04	2.80E+04		8.20E+03
				7.00E-02	X					1	0.0075		1.36E+09		Thiodiglycol	111-48-8					8.20E+04	2.60E+06		7.90E+04
				3.00E-04	H					1	0.1		1.36E+09		Thiofanox	39196-18-4					3.50E+02	8.30E+02		2.50E+02
				8.00E-02	I					1	0.1		1.36E+09		Thiophanate, Methyl	23564-05-8					9.30E+04	2.20E+05		6.60E+04
				5.00E-03	I					1	0.1		1.36E+09		Thiram	137-26-8					5.80E+03	1.40E+04		4.10E+03
				6.00E-01	H					1			1.36E+09		Tin	7440-31-5					7.00E+05			7.00E+05
						1.00E-04	A	V		1			1.36E+09		Titanium Tetrachloride	7550-45-0							6.00E+05	6.00E+05
				8.00E-02	I	5.00E+00	I	V		1		8.18E+02	1.36E+09	4.29E+03	Toluene	108-88-3					9.30E+04		9.40E+04	4.70E+04
1.80E-01	X			2.00E-04	X					1	0.1		1.36E+09		Toluene-2,5-diamine	95-70-5	1.80E+03	4.30E+03		1.30E+03	2.30E+02	5.50E+02		1.60E+02
3.00E-02	P			4.00E-03	X					1	0.1		1.36E+09		Toluidine, p-	106-49-0	1.10E+04	2.60E+04		7.70E+03	4.70E+03	1.10E+04		3.30E+03
				3.00E+00	P			V		1		3.42E-01	1.36E+09	1.06E+03	Total Petroleum Hydrocarbons (Aliphatic High)	NA					3.50E+06			3.50E+06
						6.00E-01	P	V		1		1.41E+02	1.36E+09	8.29E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							2.20E+03	2.20E+03
				1.00E-02	X	1.00E-01	P	V		1		6.86E+00	1.36E+09	1.04E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					1.20E+04		4.60E+02	4.40E+02
				4.00E-02	P					1	0.1		1.36E+09		Total Petroleum Hydrocarbons (Aromatic High)	NA					4.70E+04	1.10E+05		3.30E+04
				4.00E-03	P	3.00E-02	P	V		1		1.82E+03	1.36E+09	3.54E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA					4.70E+03		4.60E+02	4.20E+02
				4.00E-03	P	3.00E-03	P	V		1			1.36E+09	5.24E+04	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					4.70E+03		6.90E+02	6.00E+02
1.10E+00	I	3.20E-04	I							1	0.1		1.36E+09		Toxaphene	8001-35-2	3.00E+02	7.00E+02	5.20E+06	2.10E+02				
				7.50E-03	I					1	0.1		1.36E+09		Tralomethrin	66841-25-6					8.80E+03	2.10E+04		6.20E+03
				3.00E-04	A			V		1			1.36E+09	3.36E+03	Tri-n-butyltin	688-73-3					3.50E+02			3.50E+02
				8.00E+01	X					1	0.1		1.36E+09		Triacetin	102-76-1					9.30E+07	2.20E+08		6.60E+07
				1.30E-02	I			V		1			1.36E+09	3.62E+05	Triallate	2303-17-5					1.50E+04			1.50E+04
				1.00E-02	I					1	0.1		1.36E+09		Triasulfuron	82097-50-5					1.20E+04	2.80E+04		8.20E+03
				5.00E-03	I			V		1			1.36E+09	4.53E+04	Tribromobenzene, 1,2,4-	615-54-3					5.80E+03			5.80E+03
9.00E-03	P			1.00E-02	P					1	0.1		1.36E+09		Tributyl Phosphate	126-73-8	3.60E+04	8.60E+04		2.60E+04	1.20E+04	2.80E+04		8.20E+03
				3.00E-04	P					1	0.1		1.36E+09		Tributyltin Compounds	NA					3.50E+02	8.30E+02		2.50E+02
				3.00E-04	I					1	0.1		1.36E+09		Tributyltin Oxide	56-35-9					3.50E+02	8.30E+02		2.50E+02
				3.00E+01	I	3.00E+01	H	V		1		9.10E+02	1.36E+09	1.29E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.50E+07		1.70E+05	1.70E+05
7.00E-02	I			2.00E-02	I					1	0.1		1.36E+09		Trichloroacetic Acid	76-03-9	4.70E+03	1.10E+04		3.30E+03	2.30E+04	5.50E+04		1.60E+04
2.90E-02	H									1	0.1		1.36E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.10E+04	2.70E+04		7.90E+03				
7.00E-03	X			3.00E-05	X					1	0.1		1.36E+09		Trichloroaniline, 2,4,6-	634-93-5	4.70E+04	1.10E+05		3.30E+04	3.50E+01	8.30E+01		2.50E+01
				8.00E-04	X			V		1			1.36E+09	3.22E+04	Trichlorobenzene, 1,2,3-	87-61-6					9.30E+02			9.30E+02
2.90E-02	P			1.00E-02	I	2.00E-03	P	V		1		4.04E+02	1.36E+09	2.99E+04	Trichlorobenzene, 1,2,4-	120-82-1	1.10E+04			1.10E+04	1.20E+04		2.60E+02	2.60E+02
				2.00E+00	I	5.00E+00	I	V		1		6.40E+02	1.36E+09	1.65E+03	Trichloroethane, 1,1,1-	71-55-6					2.30E+06		3.60E+04	3.60E+04
5.70E-02	I	1.60E-05	I	4.00E-03	I	2.00E-04	X	V		1		2.16E+03	1.36E+09	7.22E+03	Trichloroethane, 1,1,2-	79-00-5	5.70E+03		5.50E+02	5.00E+02	4.70E+03		6.30E+00	6.30E+00
4.60E-02	I	4.10E-06	I	5.00E-04	I	2.00E-03	I	V	M	1		6.92E+02	1.36E+09	2.21E+03	Trichloroethylene	79-01-6	7.10E+03		6.60E+02	6.00E+02	5.80E+02		1.90E+01	1.90E+01
				3.00E-01	I	7.00E-01	H	V		1		1.23E+03	1.36E+09	1.04E+03	Trichlorofluoromethane	75-69-4					3.50E+05		3.20E+03	3.10E+03
				1.00E-01	I					1	0.1		1.36E+09		Trichlorophenol, 2,4,5-	95-95-4					1.20E+05	2.80E+05		8.20E+04
1.10E-02	I	3.10E-06	I	1.00E-03	P					1	0.1		1.36E+09		Trichlorophenol, 2,4,6-	88-06-2	3.00E+04	7.00E+04	5.40E+08	2.10E+04	1.20E+03	2.80E+03		8.20E+02

RML HQ=1.0

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; 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-04				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-4 (mg/kg)	Dermal SL TR=1.0E-4 (mg/kg)	Inhalation SL TR=1.0E-4 (mg/kg)	Carcinogenic SL TR=1.0E-4 (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)
				1.00E-02	I					1	0.1		1.36E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.20E+04	2.80E+04		8.20E+03
				8.00E-03	I					1	0.1		1.36E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					9.30E+03	2.20E+04		6.60E+03
				5.00E-03	I			V		1		1.28E+03	1.36E+09	1.50E+04	Trichloropropane, 1,1,2-	598-77-6					5.80E+03			5.80E+03
3.00E+01	I			4.00E-03	I	3.00E-04	I	V	M	1		1.40E+03	1.36E+09	1.57E+04	Trichloropropane, 1,2,3-	96-18-4	1.10E+01			1.10E+01	4.70E+03		2.10E+01	2.10E+01
				3.00E-03	X	3.00E-04	P	V		1		4.51E+02	1.36E+09	2.34E+03	Trichloropropene, 1,2,3-	96-19-5					3.50E+03		3.10E+00	3.10E+00
				2.00E-02	A					1	0.1		1.36E+09		Tricresyl Phosphate (TCP)	1330-78-5					2.30E+04	5.50E+04		1.60E+04
				3.00E-03	I					1	0.1		1.36E+09		Tridiphane	58138-08-2					3.50E+03	8.30E+03		2.50E+03
						7.00E-03	I	V		1		2.79E+04	1.36E+09	1.58E+04	Triethylamine	121-44-8							4.80E+02	4.80E+02
				2.00E+00	P					1	0.1		1.36E+09		Triethylene Glycol	112-27-6					2.30E+06	5.50E+06		1.60E+06
7.70E-03	I			7.50E-03	I			V		1			1.36E+09	5.13E+05	Trifluralin	1582-09-8	4.20E+04			4.20E+04	8.80E+03			8.80E+03
2.00E-02	P			1.00E-02	P					1	0.1		1.36E+09		Trimethyl Phosphate	512-56-1	1.60E+04	3.90E+04		1.10E+04	1.20E+04	2.80E+04		8.20E+03
						5.00E-03	P	V		1		2.93E+02	1.36E+09	9.44E+03	Trimethylbenzene, 1,2,3-	526-73-8							2.10E+02	2.10E+02
						7.00E-03	P	V		1		2.19E+02	1.36E+09	7.91E+03	Trimethylbenzene, 1,2,4-	95-63-6							2.40E+02	2.40E+02
				1.00E-02	X			V		1		1.82E+02	1.36E+09	6.61E+03	Trimethylbenzene, 1,3,5-	108-67-8					1.20E+04			1.20E+04
				3.00E-02	I					1	0.019		1.36E+09		Trinitrobenzene, 1,3,5-	99-35-4					3.50E+04	4.40E+05		3.20E+04
3.00E-02	I			5.00E-04	I					1	0.032		1.36E+09		Trinitrotoluene, 2,4,6-	118-96-7	1.10E+04	8.00E+04		9.60E+03	5.80E+02	4.30E+03		5.10E+02
				2.00E-02	P					1	0.1		1.36E+09		Triphenylphosphine Oxide	791-28-6					2.30E+04	5.50E+04		1.60E+04
				2.00E-02	A					1	0.1		1.36E+09		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					2.30E+04	5.50E+04		1.60E+04
				1.00E-02	X					1	0.1		1.36E+09		Tris(1-chloro-2-propyl)phosphate	13674-84-5					1.20E+04	2.80E+04		8.20E+03
2.30E+00	C	6.60E-04	C					V		1		4.67E+02	1.36E+09	9.03E+05	Tris(2,3-dibromopropyl)phosphate	126-72-7	1.40E+02		1.70E+03	1.30E+02				
2.00E-02	P			7.00E-03	P					1	0.1		1.36E+09		Tris(2-chloroethyl)phosphate	115-96-8	1.60E+04	3.90E+04		1.10E+04	8.20E+03	1.90E+04		5.70E+03
3.20E-03	P			1.00E-01	P					1	0.1		1.36E+09		Tris(2-ethylhexyl)phosphate	78-42-2	1.00E+05	2.40E+05		7.20E+04	1.20E+05	2.80E+05		8.20E+04
				3.00E-03	I	4.00E-05	A			1			1.36E+09		Uranium (Soluble Salts)	NA					3.50E+03		2.40E+05	3.50E+03
1.00E+00	C	2.90E-04	C						M	1	0.1		1.36E+09		Urethane	51-79-6	3.30E+02	7.70E+02	5.70E+06	2.30E+02				
		8.30E-03	P	9.00E-03	I	7.00E-06	P			0.026			1.36E+09		Vanadium Pentoxide	1314-62-1			2.00E+05	2.00E+05	1.10E+04		4.20E+04	8.40E+03
				5.00E-03	S	1.00E-04	A			0.026			1.36E+09		Vanadium and Compounds	7440-62-2					5.90E+03		6.00E+05	5.80E+03
				1.00E-03	I			V		1			1.36E+09	1.23E+05	Vernolate	1929-77-7					1.20E+03			1.20E+03
				2.50E-02	I					1	0.1		1.36E+09		Vinclozolin	50471-44-8					2.90E+04	6.90E+04		2.10E+04
				1.00E+00	H	2.00E-01	I	V		1		2.75E+03	1.36E+09	4.40E+03	Vinyl Acetate	108-05-4					1.20E+06		3.90E+03	3.80E+03
		3.20E-05	H			3.00E-03	I	V		1		3.37E+03	1.36E+09	1.37E+03	Vinyl Bromide	593-60-2			5.20E+01	5.20E+01			1.80E+01	1.80E+01
7.20E-01	I	4.40E-06	I	3.00E-03	I	1.00E-01	I	V	M	1		3.92E+03	1.36E+09	9.56E+02	Vinyl Chloride	75-01-4	4.50E+02		2.70E+02	1.70E+02	3.50E+03		4.20E+02	3.70E+02
				3.00E-04	I					1	0.1		1.36E+09		Warfarin	81-81-2					3.50E+02	8.30E+02		2.50E+02
				2.00E-01	S	1.00E-01	S	V		1		3.90E+02	1.36E+09	5.58E+03	Xylene, P-	106-42-3					2.30E+05		2.40E+03	2.40E+03
				2.00E-01	S	1.00E-01	S	V		1		3.88E+02	1.36E+09	5.47E+03	Xylene, m-	108-38-3					2.30E+05		2.40E+03	2.40E+03
				2.00E-01	S	1.00E-01	S	V		1		4.34E+02	1.36E+09	6.46E+03	Xylene, o-	95-47-6					2.30E+05		2.80E+03	2.80E+03
				2.00E-01	I	1.00E-01	I	V		1		2.58E+02	1.36E+09	6.48E+03	Xylenes	1330-20-7					2.30E+05		2.80E+03	2.80E+03
				3.00E-04	I					1			1.36E+09		Zinc Phosphide	1314-84-7					3.50E+02			3.50E+02
				3.00E-01	I					1			1.36E+09		Zinc and Compounds	7440-66-6					3.50E+05			3.50E+05
				5.00E-02	I					1	0.1		1.36E+09		Zineb	12122-67-7					5.80E+04	1.40E+05		4.10E+04
				8.00E-05	X					1			1.36E+09		Zirconium	7440-67-7					9.30E+01			9.30E+01

RML
HQ=1.0

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H^+ (unitless)	HLC (atm-m^3/mole)	H^+ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
ALAR	1596-84-5	160.17	EPI	1.73E-08	4.23E-10	EPI	2.00E-04	EPI			6.44E-02	7.53E-06	WATER 9			1.00E+01	EPI	-1.50E+00	EPI	1.00E+05	EPI	9.69E-05	8.29E-01	1.99E+00	1.99E-05	EPI
Acephate	30560-19-1	183.16	EPI	2.05E-11	5.01E-13	EPI	1.70E-06	EPI	1.35E+00	CRC89	3.74E-02	7.98E-06	WATER 9			1.00E+01	EPI	-8.50E-01	EPI	8.18E+05	EPI	2.08E-04	1.12E+00	2.68E+00	4.00E-05	EPI
Acetaldehyde	75-07-0	44.05	EPI	2.73E-03	6.67E-05	EPI	9.02E+02	EPI	7.83E-01	CRC89	1.28E-01	1.35E-05	WATER 9			1.00E+00	EPI	-3.40E-01	EPI	1.00E+06	EPI	1.35E-03	1.86E-01	4.45E-01	5.27E-04	EPI
Acetochlor	34256-82-1	269.77	EPI	9.12E-07	2.23E-08	EPI	2.80E-05	EPI	1.11E+00	PubChem	2.24E-02	5.61E-06	WATER 9			2.98E+02	EPI	3.03E+00	EPI	2.23E+02	EPI	3.13E-02	3.41E+00	8.18E+00	4.95E-03	EPI
Acetone	67-64-1	58.08	EPI	1.43E-03	3.50E-05	EPI	2.32E+02	EPI	7.85E-01	CRC89	1.06E-01	1.15E-05	WATER 9			2.36E+00	EPI	-2.40E-01	EPI	1.00E+06	EPI	1.50E-03	2.22E-01	5.34E-01	5.12E-04	EPI
Acetone Cyanohydrin	75-86-5	85.11	EPI	5.32E-04	1.30E-05	EPI	3.41E-01	EPI	9.32E-01	CRC89	8.59E-02	1.01E-05	WATER 9			1.00E+00	EPI	-3.00E-02	EPI	1.00E+06	EPI	1.76E-03	3.15E-01	7.56E-01	4.95E-04	EPI
Acetonitrile	75-05-8	41.05	EPI	1.41E-03	3.45E-05	EPI	8.88E+01	EPI	7.86E-01	CRC89	1.34E-01	1.41E-05	WATER 9			4.67E+00	EPI	-3.40E-01	EPI	1.00E+06	EPI	1.35E-03	1.79E-01	4.28E-01	5.48E-04	EPI
Acetophenone	98-86-2	120.15	EPI	4.25E-04	1.04E-05	EPI	3.97E-01	EPI	1.03E+00	CRC89	6.52E-02	8.72E-06	WATER 9			5.19E+01	EPI	1.58E+00	EPI	6.13E+03	EPI	1.57E-02	4.95E-01	1.19E+00	3.72E-03	EPI
Acetylaminofluorene, 2-	53-96-3	223.28	EPI	7.85E-09	1.92E-10	EPI	2.87E-05	EPI			5.16E-02	6.03E-06	WATER 9			2.21E+03	EPI	3.12E+00	EPI	8.46E+00	EPI	7.18E-02	1.87E+00	4.49E+00	1.25E-02	RAGSE
Acrolein	107-02-8	56.06	EPI	4.99E-03	1.22E-04	EPI	2.74E+02	EPI	8.40E-01	CRC89	1.12E-01	1.22E-05	WATER 9			1.00E+00	EPI	-1.00E-02	EPI	2.12E+05	EPI	2.15E-03	2.17E-01	5.20E-01	7.48E-04	EPI
Acrylamide	79-06-1	71.08	EPI	6.95E-08	1.70E-09	EPI	7.00E-03	EPI	1.22E+00	LANGE	1.10E-01	1.33E-05	WATER 9			5.69E+00	EPI	-6.70E-01	EPI	3.90E+05	EPI	7.26E-04	2.63E-01	6.31E-01	2.24E-04	EPI
Acrylic Acid	79-10-7	72.06	EPI	1.51E-05	3.70E-07	EPI	3.97E+00	EPI	1.05E+00	CRC89	1.03E-01	1.20E-05	WATER 9			1.44E+00	EPI	3.50E-01	EPI	1.00E+06	EPI	3.43E-03	2.66E-01	6.39E-01	1.05E-03	EPI
Acrylonitrile	107-13-1	53.06	EPI	5.64E-03	1.38E-04	EPI	1.09E+02	EPI	8.01E-01	CRC89	1.14E-01	1.23E-05	WATER 9			8.51E+00	EPI	2.50E-01	EPI	7.45E+04	EPI	3.25E-03	2.08E-01	5.00E-01	1.16E-03	EPI
Adiponitrile	111-69-3	108.14	EPI	4.95E-08	1.21E-09	EPI	6.79E-04	EPI	9.68E-01	CRC89	7.08E-02	8.96E-06	WATER 9			2.02E+01	EPI	-3.20E-01	EPI	8.00E+04	EPI	9.48E-04	4.24E-01	1.02E+00	2.37E-04	EPI
Alachlor	15972-60-8	269.77	EPI	3.40E-07	8.32E-09	EPI	2.05E-05	EPI	1.13E+00	CRC89	2.26E-02	5.69E-06	WATER 9			3.12E+02	EPI	3.52E+00	EPI	2.40E+02	EPI	6.63E-02	3.41E+00	8.18E+00	1.05E-02	EPI
Aldicarb	116-06-3	190.26	EPI	5.89E-08	1.44E-09	EPI	3.47E-05	EPI	1.20E+00	CRC89	3.19E-02	7.25E-06	WATER 9			2.46E+01	EPI	1.13E+00	EPI	6.03E+03	EPI	4.01E-03	1.22E+00	2.93E+00	7.55E-04	EPI
Aldicarb Sulfone	1646-88-4	222.26	EPI	1.38E-07	3.37E-09	EPI	9.00E-05	EPI			5.18E-02	6.05E-06	WATER 9			1.00E+01	EPI	-5.70E-01	EPI	1.00E+04	EPI	2.13E-04	1.85E+00	4.43E+00	3.71E-05	EPI
Aldicarb sulfoxide	1646-87-3	206.26	EPI	3.96E-08	9.69E-10	EPI	1.00E-04	EPI			5.44E-02	6.36E-06	WATER 9			1.00E+01	EPI	-7.80E-01	EPI	2.80E+04	EPI	1.82E-04	1.50E+00	3.61E+00	3.29E-05	EPI
Aldrin	309-00-2	364.92	EPI	1.80E-03	4.40E-05	EPI	1.20E-04	EPI	1.60E+00	PubChem	2.28E-02	5.84E-06	WATER 9			8.20E+04	EPI	6.50E+00	EPI	1.70E-02	EPI	2.15E+00	1.16E+01	4.77E+01	2.93E-01	EPI
Ally	74223-64-6	381.37	EPI	5.40E-15	1.32E-16	EPI	2.86E-11	EPI			3.61E-02	4.22E-06	WATER 9			9.25E+01	EPI	2.20E+00	EPI	9.50E+03	EPI	2.47E-03	1.44E+01	3.45E+01	3.29E-04	EPI
Allyl Alcohol	107-18-6	58.08	EPI	2.04E-04	4.99E-06	EPI	2.61E+01	EPI	8.54E-01	CRC89	1.10E-01	1.21E-05	WATER 9			1.90E+00	EPI	1.70E-01	EPI	1.00E+06	EPI	2.81E-03	2.22E-01	5.34E-01	9.59E-04	EPI
Allyl Chloride	107-05-1	76.53	EPI	4.50E-01	1.10E-02	EPI	3.68E+02	EPI	9.38E-01	CRC89	9.36E-02	1.08E-05	WATER 9			3.96E+01	EPI	1.93E+00	YAWS	3.37E+03	EPI	3.77E-02	2.82E-01	6.77E-01	1.12E-02	EPI
Aluminum	7429-90-5	26.982	CRC89				0.00E+00	NIOSH	2.70E+00	CRC89				1.50E+03	BAES							2.00E-03	1.49E-01	3.57E-01	1.00E-03	RAGSE
Aluminum Phosphide	20859-73-8	57.96	EPI						2.40E+00	CRC89												2.93E-03	2.22E-01	5.33E-01	1.00E-03	RAGSE
Amdro	67485-29-4	494.49	EPI	8.99E-05	2.20E-06	EPI	2.03E-08	EPI			3.04E-02	3.55E-06	WATER 9			1.80E+08	EPI	2.31E+00	EPI	6.00E-03	EPI	7.72E-04	6.18E+01	1.48E+02	9.02E-05	EPI
Ametryn	834-12-8	227.33	EPI	9.93E-08	2.43E-09	EPI	2.74E-06	EPI			5.10E-02	5.96E-06	WATER 9			4.28E+02	EPI	2.98E+00	EPI	2.09E+02	EPI	4.60E-02	1.97E+00	4.73E+00	7.94E-03	EPI
Aminobiphenyl, 4-	92-67-1	169.23	EPI	7.07E-06	1.73E-07	EPI	9.58E-04	EPI			6.21E-02	7.26E-06	WATER 9			2.47E+03	EPI	2.86E+00	EPI	1.29E+02	EPI	7.00E-02	9.32E-01	2.24E+00	1.40E-02	EPI
Aminophenol, m-	591-27-5	109.13	EPI	1.10E-08	2.68E-10	EPI	1.86E-03	EPI			8.32E-02	9.72E-06	WATER 9			9.02E+01	EPI	2.10E-01	EPI	2.70E+04	EPI	2.12E-03	4.30E-01	1.03E+00	5.27E-04	EPI
Aminophenol, p-	123-30-8	109.13	EPI	1.47E-08	3.59E-10	EPI	4.00E-05	EPI			8.32E-02	9.72E-06	WATER 9			9.02E+01	EPI	4.00E-02	EPI	1.60E+04	EPI	1.64E-03	4.30E-01	1.03E+00	4.07E-04	EPI
Amitraz	33089-61-1	293.42	EPI	4.04E-04	9.87E-06	EPI	2.00E-06	EPI	1.13E+00	CRC89	2.16E-02	5.40E-06	WATER 9			2.57E+05	EPI	5.50E+00	EPI	1.00E+00	EPI	1.05E+00	4.62E+00	1.79E+01	1.60E-01	EPI
Ammonia	7664-41-7	17.031	CRC89	6.58E-04	1.61E-05	PHYSPROP	7.51E+03	PHYSPROP	6.96E-01	CRC89	2.31E-01	2.23E-05	WATER 9					2.30E-01	OTHER	8.99E+05	PERRY	1.59E-03	1.31E-01	3.14E-01	1.00E-03	RAGSE
Ammonium Sulfamate	7773-06-0	114.124	CRC89				0.00E+00	NIOSH	1.77E+00	PubChem										1.34E+06	PERRY	4.11E-03	4.58E-01	1.10E+00	1.00E-03	RAGSE
Amyl Alcohol, tert-	75-85-4	88.15	EPI	5.64E-04	1.38E-05	EPI	1.67E+01	EPI	8.10E-01	CRC89	7.85E-02	9.10E-06	WATER 9			4.14E+00	EPI	8.90E-01	EPI	1.10E+05	EPI	7.08E-03	3.28E-01	7.87E-01	1.96E-03	EPI
Aniline	62-53-3	93.13	EPI	8.26E-05	2.02E-06	EPI	6.67E-01	EPI	1.02E+00	CRC89	8.30E-02	1.01E-05	WATER 9			7.02E+01	EPI	9.00E-01	EPI	3.60E+04	EPI	6.90E-03	3.49E-01	8.39E-01	1.86E-03	EPI
Anthraquinone, 9,10-	84-65-1	208.22	EPI	9.61E-07	2.35E-08	EPI	1.16E-07	EPI			5.41E-02	6.32E-06	WATER 9			5.01E+03	EPI	3.39E+00	EPI	1.35E+00	EPI	1.05E-01	1.54E+00	3.70E+00	1.90E-02	EPI
Antimony (metallic)	7440-36-0	121.76	CRC89				0.00E+00	NIOSH	6.68E+00	CRC89				4.50E+01	SSL							4.24E-03	5.05E-01	1.21E+00	1.00E-03	RAGSE
Antimony Pentoxide	1314-60-9	323.517	CRC89						3.78E+00	CRC89										3.00E+03	CRC89	6.92E-03	6.82E+00	1.64E+01	1.00E-03	RAGSE
Antimony Potassium Tartrate	11071-15-1	614.84	EPI								2.63E-02	3.07E-06	WATER 9			1.34E+01	EPI	-7.28E+00	EPI	5.26E+04	PhysProp	7.70E-11	2.92E+02	7.00E+02	8.07E-12	EPI
Antimony Tetroxide	1332-81-6	307.52	EPI						6.64E+00	CRC89												6.74E-03	5.55E+00	1.33E+01	1.00E-03	RAGSE
Antimony Trioxide	1309-64-4	291.52	EPI						5.58E+00	CRC89												6.57E-03	4.51E+00	1.08E+01	1.00E-03	RAGSE
Apollo	74115-24-5	303.15	EPI	1.59E-08	3.90E-10	EPI	9.75E-10	EPI			4.21E-02	4.92E-06	WATER 9			3.02E+04	EPI	3.10E+00	EPI	1.00E+00	EPI	2.40E-02	5.24E+00	1.26E+01	3.58E-03	EPI
Aramite	140-57-8	334.86	EPI	7.77E-06	1.90E-07	EPI	3.88E-06	EPI	1.14E+00	CRC89	2.03E-02	5.03E-06	WATER 9			5.55E+03	EPI	4.82E+00	EPI	2.59E+00	EPI	2.31E-01	7.89E+00	1.89E+01	3.28E-02	EPI
Arsenic, Inorganic	7440-38-2	74.922	CRC89						4.90E+00	CRC89				2.90E+01	SSL							3.33E-03	2.76E-01	6.63E-01	1.00E-03	RAGSE
Arsine	7784-42-1	77.95	EPI						3.19E+00	CRC89										2.00E+05	PERRY	3.40E-03	2.87E-01	6.90E-01	1.00E-03	RAGSE
Assure	76578-14-8	372.81	EPI	4.33E-07	1.06E-08	EPI	6.49E-09	EPI			3.67E-02	4.29E-06	WATER 9			7.74E+03	EPI	4.28E+00	EPI	3.00E-01	EPI	6.58E-02	1.29E+01	3.09E+01	8.86E-03	EPI
Asulam	3337-71-1	230.24	EPI	6.99E-11	1.71E-12	EPI	1.39E-06	EPI			5.06E-02	5.91E-06	WATER 9			2.78E+01	EPI	-2.70E-01	EPI	5.00E+03	EPI	3.09E-04	2.05E+00	4.91E+00	5.29E-05	EPI
Atrazine	1912-24-9	215.69	EPI	9.65E-08	2.36E-09	EPI	2.89E-07	EPI	1.23E+00	PubChem	2.65E-02	6.84E-06	WATER 9			2.25E+02	EPI	2.61E+00	EPI	3.47E+01	EPI	2.96E-02	1.70E+00	4.07E+00	5.24E-03	EPI
Auramine	492-80-8	267.38	EPI	1.49E-07	3.64E-09	EPI	2.91E-05	EPI			4.58E-02	5.35E-06	WATER 9			4.46E+03	EPI	2.98E+00	EPI	1.77E+00	EPI	7.01E-02	3.31E+00	7.93E+00	1.11E-02	RAGSE
Avermectin B1	65195-55-3	875.12	EPI	5.40E-26	1.32E-27	EPI	1.46E-30	EPI			2.08E-02	2.43E-06	WATER 9			8.77E+05	EPI	4.48E+00	EPI	1.42E+00	EPI	2.06E-04	8.37E+03	2.01E+04	1.81E-05	EPI
Azobenzene	103-33-3	182.23	EPI	5.52E-04	1.35E-05	EPI	3.61E-04	EPI	1.20E+00	PERRY	3.59E-02	7.47E-06	WATER 9			3.76E+03	EPI	3.82E+00	EPI	6.40E+00	EPI	2.67E-01	1.10E+00	2.65E+00	5.14E-02	EPI
Azodicarbonamide	123-77-3	116.08	EPI	3.35E-11	8.20E-13	EPI	1.88E-10	EPI	1.65E+00	GuideChem	8.30E-02	1.18E-05	WATER 9			6.96E+01	EPI	-1.70E+00	EPI	3.50E+01	EPI	1.07E-04	4.70E-01	1.13E+00	2.59E-05	EPI
Barium	7440-39-3	137.33	EPI						3.62E+00	CRC89				4.10E+01	SSL							4.51E-03	6.18E-01	1.48E+00	1.00E-03	RAGSE
Barium Chromate	10294-40-3	253.321	CRC89						4.50E+00	CRC89										2.60E+00	CRC89	6.12E-03	2.76E+00	6.62E+00	1.00E-03	RAGSE
Baygon	114-26-1	209.25	EPI	5.85E-08	1.43E-09	EPI	9.68E-06	EPI	1.12E+00	CRC89	2.57E-02	6.58E-06	WATER 9			6.00E+01	EPI	1.52E+00	EPI	1.86E+03	EPI	5.95E-03	1.56E+00	3.75E+00	1.07E-03	EPI
Bayleton	43121-43-3	293.76	EPI	3.32E-09	8.11E-11	EPI	1.50E-08	EPI	1.22E+00	CRC89	2.24E-02	5.65E-06	WATER 9			2.99E+02	EPI	2.77E+00	EPI	7.15E+01	EPI	1.61E-02	4.64E+00	1.11E+01	2.44E-03	EPI
Baythroid	68359-37-5	434.3	EPI	1.19E-06	2.90E-08	EPI	1.50E-10	EPI			3.31E-02	3.87E-06	WATER 9			1.31E+05	EPI	5.95E+00	EPI	3.00E-03	EPI	4.13E-01	2.84E+01	6.83E+01	5.15E-02	EPI
Benefin	1861-40-1	335.29	EPI	1.19E-02	2.91E-04	EPI	6.53E-05	EPI	1.34E+00	ChemNet	2.19E-02	5.52E-06	WATER 9			1.64E+04	EPI	5.29E+00	EPI	1.00E-01	EPI	4.75E-01	7.93E+00	1.90E+01	6.75E-02	EPI
Benomyl	17804-35-2	290.32	EPI	2.02E-10	4.93E-12	EPI	3.70E-09	EPI			4.33E-02	5.06E-06	WATER 9			3.36E+02	EPI	2.12E+00	EPI	3.80E+00	EPI	6.18E-03	4.44E+00	1.07E+01	9.43E-04	EPI
Bentazon	25057-89-0	240.28	EPI	8.91E-08	2.18E-09	EPI	3.45E-06	EPI			4.92E-02	5.74E-06	WATER 9			1.00E+01	EPI	2.34E+00	EPI	5.00E+02	EPI	1.50E-02	2.33E+00	5.59E+00	2.52E-03	EPI
Benzaldehyde	100-52-7	106.13	EPI	1.09E-03	2.67E-05	EPI	1.27E+00	EPI	1.04E+00	CRC89	7.44E-02	9.46E-06	WATER 9			1.11E+01	EPI	1.48E+00	EPI	6.95E+03	EPI	1.52E-02	4.13E-01	9.92E-01	3.83E-03	EPI
Benzene	71-43-2	78.11	EPI	2.27E-01	5.55E-03	EPI	9.48E+01	EPI	8.77E-01	CRC89	8.95E-02	1.03E-05	WATER 9			1.46E+02	EPI	2.13E+00	EPI	1.79E+03	EPI	5.06E-02	2.88E-01	6.91E-01	1.49E-02	EPI
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	220.24	EPI	8.86E-22	2.17E-23	EPI	2.90E-14	EPI			5.21E-02	6.09E-06	WATER 9			3.84E+01	EPI	-3.73E+00	EPI	1.00E+06	EPI	1.74E-06	1.80E+00	4.32E+00	3.04E-07	EPI
Benzenethiol	108-98-5	110.17	EPI	1.37E-02	3.35E-04	EPI	1.93E+00	EPI	1.08E+00	CRC89	7.29E-02	9.45E-06	WATER 9			2.34E+02	EPI	2.52E+00	EPI	8.35E+02	EPI	7.19E-02	4.35E-01	1.04E+00	1.78E-02	EPI
Benzidine	92-87-5	184.24	EPI	2.88E-09	7.05E-11	EPI	8.98E-07	EPI	1.22E+00	Yaws 2008	3.51E-02	7.48E-06	WATER 9			1.19E+03	EPI	1.34E+00	EPI	3.22E+02	EPI	5.90E-03	1.13E+00	2.72E+00	1.13E-03	EPI
Benzoic Acid	65-85-0	122.12	EPI	1.56E-06	3.81E-08	EPI	7.00E-04	EPI	1.27E+00	CRC89	7.02E-02	9.79E-06	WATER 9			1.66E+01	EPI	1.87E+00	EPI	3.40E+03	EPI	2.40E-02	5.08E-01	1.22E+00	5.65E-03	EPI
Benzotrichloride	98-07-7	195.48	EPI	1.06E-02	2.60E-04	EPI	4.14E-01	EPI	1.37E+00	CRC89	3.13E-02	7.75E-06	WATER 9			1.00E+03	EPI	3.90E+00	YAWS	5.30E+01	EPI	2.62E-01	1.31E+00	3.14E+00	4.87E-02	EPI
Benzyl Alcohol	100-51-6	108.14	EPI	1.38E-05	3.37E-07	EPI	9.40E-02	EPI	1.04E+00	CRC89	7.31E-02	9.37E-06	WATER 9			2.15E+01	EPI	1.10E+00	EPI	4.29E+04	EPI	8.36E-03	4.24E-01	1.02E+00	2.09E-03	EPI
Benzyl Chloride	100-44-7	126.59	EPI	1.68E-02	4.12E-04	EPI	1.23E+00	EPI	1.10E+00	CRC89	6.34E-02	8.81E-06	WATER 9			4.46E+02	EPI	2.30E+00	EPI	5.25E+02	EPI	4.46E-02	5.38E-01	1.29E+00	1.03E-02	EPI
Beryllium and compounds	7440-41-7	9.01	EPI				0.00E+00	NIOSH	1.85E+00	CRC89				7.90E+02	SSL							1.15E-03	1.18E-01	2.83E-01	1.00E-03	RAGSE
Bidrin	141-66-2	237.19	EPI	2.06E-09	5.03E-11	EPI	1.60E-04	EPI	1.22E+00	CRC89	2.50E-02	6.41E-06	WATER 9			1.66E+01	EPI	0.00E+00	EPI	1.00E+06	EPI	4.33E-04	2.24E+00	5.37E+00	7.31E-05	EPI
Bifenox	42576-02-3	342.14	EPI	4.42E-06	1.08E-07	EPI	1.00E-07	EPI	1.16E+00	PubChem	2.02E-02	4.99E-06	WATER 9			3.68E+03	EPI	4.48E+00	EPI	3.98E-01	EPI	1.27E-01	8.67E+00	2.08E+01	1.79E-02	EPI
Biphenthrin	82657-04-3	422.88	EPI	4.09E-05	1.00E-06	EPI	1.80E-07	EPI	1.20E+00	CRC89	1.84E-02	4.50E-06	WATER 9			2.27E+06	EPI	8.15E+00	EPI	1.00E-01	EPI	1.38E+01	2.45E+01	1.12E+02	1.74E+00	EPI
Biphenyl, 1,1'-	92-52-4	154.21	EPI	1.26E-02	3.08E-04	EPI	8.93E-03	EPI	1.04E+00	CRC89	4.71E-02	7.56E-06	WATER 9			5.13E+03	EPI	4.01E+00	EPI	6.94E+00	EPI	4.50E-01	7.68E-01	1.84E+00	9.43E-02	EPI
Bis(2-chloro-1-methylethyl) ether	108-60-1	171.07	EPI	3.03E-03	7.42E-05	EPI	5.60E-01	EPI	1.10E+00	CRC89	3.99E-02	7.36E-06	WATER 9			8.29E+01	EPI	2.48E+00	EPI	1.70E+03	EPI	3.84E-02	9.55E-01	2.29E+00	7.64E-03	EPI
Bis(2-chloroethoxy)methane	111-91-1	173.04	EPI	1.57E-04	3.85E-06	EPI	1.32E-01	EPI			6.12E-02	7.15E-06	WATER 9			1.44E+01	EPI	1.30E+00	EPI	7.80E+03	EPI	6.17E-03	9.79E-01	2.35E+00	1.22E-03	EPI
Bis(2-chloroethyl)ether	111-44-4	143.01	EPI	6.95E-04	1.70E-05	EPI	1.55E+00	EPI	1.22E+00	CRC89	5.67E-02	8.71E-06	WATER 9			3.22E+01	EPI	1.29E+00	EPI	1.72E+04	EPI	8.19E-03	6.65E-01	1.60E+00	1.78E-03	EPI
Bis(chloromethyl)ether	542-88-1	114.96	EPI	1.78E-01	4.36E-03	EPI	2.94E+01	EPI	1.32E+00	CRC89	7.63E-02	1.04E-05	WATER 9			9.70E+00	EPI	5.70E-01	YAWS	2.20E+04	EPI	3.53E-03	4.63E-01	1.11E+00	8.55E-04	EPI
Bisphenol A	80-05-7	228.29	EPI	3.75E-10	9.16E-12	EPI	2.27E-07	EPI	1.20E+00	PubChem	2.53E-02	6.50E-06	WATER 9			3.77E+04	EPI	3.32E+00	EPI	1.20E+02	EPI	7.67E-02	2.00E+00	4.79E+00	1.32E-02	EPI
Boron And Borates Only	7440-42-8	13.84	EPI						2.34E+00	CRC89				3.00E+00	BAES							1.43E-03	1.26E-01	3.02E-01	1.00E-03	RAGSE
Boron Trichloride	10294-34-5	117.17	CRC89	7.48E-01	1.83E-02		1.00E+00	EPI	4.79E+00	CRC89	1.25E-01	2.23E-05	WATER 9					1.16E+00	OTHER			4.16E-03	4.76E-01	1.14E+00	1.00E-03	RAGSE
Boron Trifluoride	7637-07-2	67.81	EPI				3.66E+04	PHYSPROP	2.77E+00	CRC89	1.56E-01	2.23E-05	WATER 9					2.20E-01	OTHER	3.32E+06	EPI	3.17E-03	2.52E-01	6.05E-01	1.00E-03	RAGSE
Bromate	15541-45-4	79.9	EPI											7.50E+00	BAES							3.44E-03	2.95E-01	7.07E-01	1.00E-03	RAGSE
Bromo-2-chloroethane, 1-	107-04-0	143.41	EPI	3.72E-02	9.09E-04	EPI	3.31E+01	EPI	1.74E+00	CRC89	6.59E-02	1.08E-05	WATER 9			3.96E+01	EPI	1.92E+00	EPI	6.90E+03	PERRY	2.14E-02	6.68E-01	1.60E+00	4.64E-03	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Bromobenzene	108-86-1	157.01	EPI	1.01E-01	2.47E-03	EPI	4.18E+00	EPI	1.50E+00	CRC89	5.37E-02	9.30E-06	WATER 9			2.34E+02	EPI	2.99E+00	EPI	4.46E+02	EPI	9.64E-02	7.96E-01	1.91E+00	2.00E-02	EPI
Bromochloromethane	74-97-5	129.38	EPI	5.97E-02	1.46E-03	EPI	1.43E+02	EPI	1.93E+00	CRC89	7.87E-02	1.22E-05	WATER 9			2.17E+01	EPI	1.41E+00	EPI	1.67E+04	EPI	1.12E-02	5.58E-01	1.34E+00	2.55E-03	EPI
Bromodichloromethane	75-27-4	163.83	EPI	8.67E-02	2.12E-03	EPI	5.00E+01	EPI	1.98E+00	CRC89	5.63E-02	1.07E-05	WATER 9			3.18E+01	EPI	2.00E+00	EPI	3.03E+03	EPI	1.98E-02	8.70E-01	2.09E+00	4.02E-03	EPI
Bromoform	75-25-2	252.73	EPI	2.19E-02	5.35E-04	EPI	5.40E+00	EPI	2.88E+00	CRC89	3.57E-02	1.04E-05	WATER 9			3.18E+01	EPI	2.40E+00	EPI	3.10E+03	EPI	1.44E-02	2.74E+00	6.57E+00	2.35E-03	EPI
Bromomethane	74-83-9	94.94	EPI	3.00E-01	7.34E-03	EPI	1.62E+03	EPI	1.68E+00	CRC89	1.00E-01	1.35E-05	WATER 9			1.32E+01	EPI	1.19E+00	EPI	1.52E+04	EPI	1.06E-02	3.58E-01	8.58E-01	2.84E-03	EPI
Bromophos	2104-96-3	365.99	EPI	8.38E-03	2.05E-04	EPI	1.28E-04	EPI	1.70E+00	LookChem	2.35E-02	6.05E-06	WATER 9			2.02E+03	EPI	5.21E+00	EPI	3.00E-01	EPI	2.95E-01	1.18E+01	2.83E+01	4.01E-02	EPI
Bromoxynil	1689-84-5	276.92	EPI	5.40E-09	1.32E-10	EPI	4.72E-08	EPI			4.47E-02	5.23E-06	WATER 9			3.30E+02	EPI	3.39E+00	EPI	1.30E+02	EPI	5.01E-02	3.74E+00	8.97E+00	7.83E-03	EPI
Bromoxynil Octanoate	1689-99-2	403.12	EPI	1.30E-03	3.19E-05	EPI	4.80E-06	EPI	1.54E+00	LookChem	2.13E-02	5.38E-06	WATER 9			4.25E+03	EPI	5.40E+00	EPI	8.00E-02	EPI	2.56E-01	1.90E+01	4.57E+01	3.32E-02	EPI
Butadiene, 1,3-	106-99-0	54.09	EPI	3.01E+00	7.36E-02	EPI	2.11E+03	EPI	6.15E-01	CRC89	1.00E-01	1.03E-05	WATER 9			3.96E+01	EPI	1.99E+00	EPI	7.35E+02	EPI	4.64E-02	2.11E-01	5.07E-01	1.64E-02	EPI
Butanol, N-	71-36-3	74.12	EPI	3.60E-04	8.81E-06	EPI	6.70E+00	EPI	8.10E-01	CRC89	9.00E-02	1.01E-05	WATER 9			3.47E+00	EPI	8.80E-01	EPI	6.32E+04	EPI	7.65E-03	2.73E-01	6.56E-01	2.31E-03	EPI
Butyl Benzyl Phthlate	85-68-7	312.37	EPI	5.15E-05	1.26E-06	EPI	8.25E-06	EPI	1.12E+00	CRC89	2.08E-02	5.17E-06	WATER 9			7.16E+03	EPI	4.73E+00	EPI	2.69E+00	EPI	2.62E-01	5.90E+00	1.42E+01	3.85E-02	EPI
Butyl alcohol, sec-	78-92-2	74.12	EPI	3.70E-04	9.06E-06	EPI	1.83E+01	EPI	8.06E-01	CRC89	8.99E-02	1.01E-05	WATER 9			2.92E+00	EPI	6.10E-01	EPI	1.81E+05	EPI	5.07E-03	2.73E-01	6.56E-01	1.53E-03	EPI
Butylate	2008-41-5	217.37	EPI	3.45E-03	8.45E-05	EPI	1.30E-02	EPI	9.40E-01	CRC89	2.32E-02	5.79E-06	WATER 9			3.86E+02	EPI	4.15E+00	EPI	4.50E+01	EPI	3.07E-01	1.73E+00	4.16E+00	5.41E-02	EPI
Butylated hydroxyanisole	25013-16-5	180.25	EPI	4.78E-05	1.17E-06	EPI	2.34E-03	EPI			5.95E-02	6.96E-06	WATER 9			8.41E+02	EPI	3.50E+00	EPI	7.43E+02	EPI	1.68E-01	1.07E+00	2.58E+00	3.25E-02	EPI
Butylated hydroxytoluene	128-37-0	220.36	EPI	1.38E-04	3.38E-06	EPI	5.16E-03	EPI	8.94E-01	CRC89	2.25E-02	5.57E-06	WATER 9			1.48E+04	EPI	5.10E+00	EPI	6.00E-01	EPI	1.27E+00	1.80E+00	7.06E+00	2.23E-01	EPI
Butylbenzene, n-	104-51-8	134.22	EPI	6.50E-01	1.59E-02	EPI	1.06E+00	EPI	8.60E-01	CRC89	5.28E-02	7.33E-06	WATER 9			1.48E+03	EPI	4.38E+00	EPI	1.18E+01	EPI	1.00E+00	5.94E-01	2.29E+00	2.25E-01	EPI
Butylbenzene, sec-	135-98-8	134.22	EPI	7.20E-01	1.76E-02	EPI	1.75E+00	EPI	8.61E-01	LANGE	5.28E-02	7.34E-06	WATER 9			1.33E+03	EPI	4.57E+00	EPI	1.76E+01	EPI	1.34E+00	5.94E-01	2.34E+00	3.01E-01	EPI
Butylbenzene, tert-	98-06-6	134.22	EPI	5.40E-01	1.32E-02	EPI	2.20E+00	EPI	8.67E-01	CRC89	5.30E-02	7.37E-06	WATER 9			1.00E+03	EPI	4.11E+00	EPI	2.95E+01	EPI	6.64E-01	5.94E-01	2.33E+00	1.49E-01	EPI
Cacodylic Acid	75-60-5	138	EPI				4.56E-03	EPI			7.11E-02	8.31E-06	WATER 9			4.39E+01	EPI	3.60E-01	EPI	2.00E+06	EPI	2.08E-03	6.23E-01	1.50E+00	4.60E-04	EPI
Cadmium (Diet)	7440-43-9	112.41	EPI				0.00E+00	NIOSH	8.69E+00	CRC89				7.50E+01	SSL							4.08E-03	4.48E-01	1.08E+00	1.00E-03	RAGSE
Cadmium (Water)	7440-43-9	112.41	EPI				0.00E+00	NIOSH	8.69E+00	CRC89				7.50E+01	SSL							4.08E-03	4.48E-01	1.08E+00	1.00E-03	RAGSE
Calcium Chromate	13765-19-0	156.072	CRC89																			4.81E-03	7.87E-01	1.89E+00	1.00E-03	RAGSE
Caprolactam	105-60-2	113.16	EPI	1.03E-06	2.53E-08	EPI	1.60E-03	EPI	1.02E+00	LANGE	6.92E-02	9.00E-06	WATER 9			2.45E+01	EPI	-1.90E-01	YAWS	7.72E+05	EPI	4.09E-03	4.52E-01	1.09E+00	1.00E-03	EPI
Captafol	2425-06-1	349.06	EPI	2.01E-07	4.92E-09	EPI	1.50E-08	EPI			3.83E-02	4.48E-06	WATER 9			7.83E+02	EPI	3.80E+00	EPI	1.40E+00	EPI	4.15E-02	9.48E+00	2.27E+01	5.77E-03	EPI
Captan	133-06-2	300.59	EPI	2.86E-07	7.00E-09	EPI	9.00E-08	EPI	1.74E+00	CRC89	2.62E-02	6.90E-06	WATER 9			2.52E+02	EPI	2.80E+00	EPI	5.10E+00	EPI	1.56E-02	5.07E+00	1.22E+01	2.34E-03	EPI
Carbaryl	63-25-2	201.23	EPI	1.34E-07	3.27E-09	EPI	1.36E-06	EPI	1.23E+00	CRC89	2.74E-02	7.12E-06	WATER 9			3.55E+02	EPI	2.36E+00	EPI	1.10E+02	EPI	2.35E-02	1.41E+00	3.38E+00	4.31E-03	EPI
Carbofuran	1563-66-2	221.26	EPI	1.26E-07	3.09E-09	EPI	4.85E-06	EPI	1.18E+00	CRC89	2.56E-02	6.57E-06	WATER 9			9.53E+01	EPI	2.32E+00	EPI	3.20E+02	EPI	1.79E-02	1.82E+00	4.38E+00	3.13E-03	EPI
Carbon Disulfide	75-15-0	76.13	EPI	5.89E-01	1.44E-02	EPI	3.59E+02	EPI	1.26E+00	CRC89	1.06E-01	1.30E-05	WATER 9			2.17E+01	EPI	1.94E+00	EPI	2.16E+03	EPI	3.83E-02	2.81E-01	6.74E-01	1.14E-02	EPI
Carbon Tetrachloride	56-23-5	153.82	EPI	1.13E+00	2.76E-02	EPI	1.15E+02	EPI	1.59E+00	CRC89	5.71E-02	9.78E-06	WATER 9			4.39E+01	EPI	2.83E+00	EPI	7.93E+02	EPI	7.78E-02	7.64E-01	1.83E+00	1.63E-02	EPI
Carbosulfan	55285-14-8	380.55	EPI	2.09E-05	5.12E-07	EPI	3.07E-07	EPI	1.06E+00	CRC89	1.82E-02	4.44E-06	WATER 9			1.20E+04	EPI	3.81E+00	OTHER	3.00E-01	EPI	4.34E-01	1.42E+01	3.41E+01	5.79E-02	EPI
Carboxin	5234-68-4	235.3	EPI	1.31E-08	3.20E-10	EPI	1.50E-07	EPI			4.99E-02	5.82E-06	WATER 9			1.69E+02	EPI	2.14E+00	EPI	1.47E+02	EPI	1.17E-02	2.19E+00	5.24E+00	1.98E-03	EPI
Ceric oxide	1306-38-3	172.115	CRC89						7.22E+00	CRC89												5.05E-03	9.68E-01	2.32E+00	1.00E-03	RAGSE
Chloral Hydrate	302-17-0	165.4	EPI	4.46E-09	1.09E-10	EPI	1.50E+01	EPI	1.91E+00	CRC89	5.44E-02	1.04E-05	WATER 9			1.00E+00	EPI	9.90E-01	EPI	7.93E+05	EPI	4.16E-03	8.87E-01	2.13E+00	8.41E-04	EPI
Chloramben	133-90-4	206.03	EPI	1.58E-09	3.87E-11	EPI	1.47E-05	EPI			5.45E-02	6.36E-06	WATER 9			2.14E+01	EPI	1.90E+00	EPI	7.00E+02	EPI	1.11E-02	1.50E+00	3.60E+00	2.01E-03	EPI
Chloranil	118-75-2	245.88	EPI	1.34E-08	3.27E-10	EPI	2.28E-06	EPI			4.84E-02	5.66E-06	WATER 9			3.08E+02	EPI	2.22E+00	EPI	2.50E+02	EPI	1.17E-02	2.50E+00	6.01E+00	1.94E-03	EPI
Chlordane	12789-03-6	409.78	EPI	2.87E-03	7.03E-05	EPI	9.98E-06	EPI	1.59E+00	PubChem	2.14E-02	5.43E-06	WATER 9			3.38E+04	EPI	6.26E+00	OTHER	1.30E-02	PhysProp	8.33E-01	2.07E+01	7.97E+01	1.07E-01	EPI
Chlordecone (Kepone)	143-50-0	490.64	EPI	2.20E-06	5.38E-08	EPI	2.25E-07	EPI	1.61E+00	CRC89	1.96E-02	4.91E-06	WATER 9			1.75E+04	EPI	5.41E+00	EPI	2.70E+00	EPI	9.29E-02	5.88E+01	1.41E+02	1.09E-02	EPI
Chlorfenvinphos	470-90-6	359.58	EPI	1.18E-06	2.89E-08	EPI	7.50E-06	EPI			3.76E-02	4.39E-06	WATER 9			1.26E+03	EPI	3.81E+00	EPI	1.24E+02	EPI	3.73E-02	1.09E+01	2.60E+01	5.12E-03	EPI
Chlorimuron, Ethyl-	90982-32-4	414.82	EPI	7.44E-14	1.82E-15	EPI	4.00E-12	EPI			3.42E-02	3.99E-06	WATER 9			7.18E+01	EPI	2.50E+00	EPI	1.20E+03	EPI	2.65E-03	2.21E+01	5.31E+01	3.38E-04	EPI
Chlorine	7782-50-5	70.91	EPI	4.78E-01	1.17E-02	PHYSPROP	5.85E+03	EPI	2.90E+00	CRC89	1.54E-01	2.23E-05	WATER 9	2.50E-01	BAES			8.50E-01	OTHER	6.30E+03	EPI	3.24E-03	2.62E-01	6.30E-01	1.00E-03	RAGSE
Chlorine Dioxide	10049-04-4	67.45	EPI	1.64E+00	4.01E-02	HSDB	7.58E+02	HSDB	2.76E+00	CRC89	1.57E-01	2.23E-05	WATER 9									3.16E-03	2.51E-01	6.02E-01	1.00E-03	RAGSE
Chlorite (Sodium Salt)	7758-19-2	90.44	EPI																	6.40E+05	CRC89	3.66E-03	3.38E-01	8.10E-01	1.00E-03	RAGSE
Chloro-1,1-difluoroethane, 1-	75-68-3	100.5	EPI	2.40E+00	5.88E-02	EPI	2.54E+03	EPI	1.11E+00	CRC89	8.04E-02	1.01E-05	WATER 9			4.39E+01	EPI	2.05E+00	YAWS	1.40E+03	EPI	3.81E-02	3.84E-01	9.22E-01	9.89E-03	EPI
Chloro-1,3-butadiene, 2-	126-99-8	88.54	EPI	2.29E+00	5.61E-02	EPI	2.16E+02	EPI	9.56E-01	CRC89	8.41E-02	1.00E-05	WATER 9			6.07E+01	EPI	2.53E+00	EPI	8.37E+02	EPI	8.61E-02	3.29E-01	7.90E-01	2.38E-02	EPI
Chloro-2-methylaniline HCl, 4-	3165-93-3	178.06	EPI	5.89E-12	1.44E-13	EPI	3.65E-07	EPI			6.00E-02	7.01E-06	WATER 9			3.52E+02	EPI	-1.42E+00	EPI	1.16E+02	EPI	9.24E-05	1.04E+00	2.51E+00	1.80E-05	EPI
Chloro-2-methylaniline, 4-	95-69-2	141.6	EPI	8.14E-05	1.99E-06	EPI	3.24E-02	EPI			6.99E-02	8.17E-06	WATER 9			1.85E+02	EPI	2.27E+00	EPI	1.73E+03	EPI	3.70E-02	6.53E-01	1.57E+00	8.08E-03	EPI
Chloroacetaldehyde, 2-	107-20-0	78.5	EPI	7.40E-04	1.81E-05	EPI	6.43E+01	EPI	1.19E+00	CRC89	1.02E-01	1.23E-05	WATER 9			1.00E+00	EPI	9.00E-02	YAWS	2.67E+05	EPI	2.22E-03	2.89E-01	6.94E-01	6.50E-04	EPI
Chloroacetic Acid	79-11-8	94.5	EPI	3.79E-07	9.26E-09	EPI	6.50E-02	EPI	1.40E+00	CRC89	9.38E-02	1.21E-05	WATER 9			1.44E+00	EPI	2.20E-01	EPI	8.58E+05	EPI	2.42E-03	3.56E-01	8.54E-01	6.47E-04	EPI
Chloroacetophenone, 2-	532-27-4	154.6	EPI	1.35E-04	3.30E-06	EPI	7.60E-03	EPI	1.32E+00	CRC89	5.22E-02	8.73E-06	WATER 9			9.89E+01	EPI	1.93E+00	EPI	1.10E+03	PERRY	1.94E-02	7.72E-01	1.85E+00	4.06E-03	EPI
Chloroaniline, p-	106-47-8	127.57	EPI	4.74E-05	1.16E-06	EPI	2.70E-02	EPI	1.43E+00	CRC89	7.04E-02	1.03E-05	WATER 9			1.13E+02	EPI	1.83E+00	EPI	3.90E+03	EPI	2.15E-02	5.45E-01	1.31E+00	4.96E-03	EPI
Chlorobenzene	108-90-7	112.56	EPI	1.27E-01	3.11E-03	EPI	1.20E+01	EPI	1.11E+00	CRC89	7.21E-02	9.48E-06	WATER 9			2.34E+02	EPI	2.84E+00	EPI	4.98E+02	EPI	1.15E-01	4.49E-01	1.08E+00	2.82E-02	EPI
Chlorobenzilate	510-15-6	325.19	EPI	2.96E-06	7.24E-08	EPI	2.20E-06	EPI	1.28E+00	CRC89	2.18E-02	5.48E-06	WATER 9			1.54E+03	EPI	4.74E+00	EPI	1.30E+01	EPI	2.30E-01	6.96E+00	1.67E+01	3.31E-02	EPI
Chlorobenzoic Acid, p-	74-11-3	156.57	EPI	1.59E-06	3.88E-08	EPI	2.92E-05	EPI	1.54E+00	PERRY	5.47E-02	9.49E-06	WATER 9			2.66E+01	EPI	2.65E+00	EPI	7.20E+01	EPI	5.78E-02	7.92E-01	1.90E+00	1.20E-02	EPI
Chlorobenzotrifluoride, 4-	98-56-6	180.56	EPI	1.42E+00	3.47E-02	EPI	7.63E+00	EPI	1.33E+00	CRC89	3.85E-02	7.99E-06	WATER 9			1.61E+03	EPI	3.60E+00	YAWS	1.17E+01	EPI	1.94E-01	1.08E+00	2.59E+00	3.75E-02	EPI
Chlorobutane, 1-	109-69-3	92.57	EPI	6.83E-01	1.67E-02	EPI	1.01E+02	EPI	8.86E-01	CRC89	7.84E-02	9.33E-06	WATER 9			7.22E+01	EPI	2.64E+00	EPI	1.10E+03	EPI	9.95E-02	3.47E-01	8.33E-01	2.69E-02	EPI
Chlorodifluoromethane	75-45-6	86.47	EPI	1.66E+00	4.06E-02	EPI	7.25E+03	EPI	1.49E+00	CRC89	1.03E-01	1.33E-05	WATER 9			3.18E+01	EPI	1.08E+00	EPI	2.77E+03	EPI	9.59E-03	3.21E-01	7.70E-01	2.68E-03	EPI
Chloroethanol, 2-	107-07-3	80.51	EPI	3.11E-05	7.61E-07	EPI	7.18E+00	EPI	1.20E+00	CRC89	1.00E-01	1.22E-05	WATER 9			1.90E+00	EPI	3.00E-02	EPI	1.00E+06	EPI	2.00E-03	2.97E-01	7.13E-01	5.79E-04	EPI
Chloroform	67-66-3	119.38	EPI	1.50E-01	3.67E-03	EPI	1.97E+02	EPI	1.48E+00	CRC89	7.69E-02	1.09E-05	WATER 9			3.18E+01	EPI	1.97E+00	EPI	7.95E+03	EPI	2.87E-02	4.90E-01	1.18E+00	6.83E-03	EPI
Chloromethane	74-87-3	50.49	EPI	3.61E-01	8.82E-03	EPI	4.30E+03	EPI	9.11E-01	CRC89	1.24E-01	1.36E-05	WATER 9			1.32E+01	EPI	9.10E-01	EPI	5.32E+03	EPI	8.96E-03	2.02E-01	4.84E-01	3.28E-03	EPI
Chloromethyl Methyl Ether	107-30-2	80.51	EPI	1.24E-02	3.04E-04	EPI	3.00E+01	EPI	1.06E+00	CRC89	9.50E-02	1.13E-05	WATER 9			5.32E+00	EPI	3.20E-01	EPI	1.92E+05	EPI	3.12E-03	2.97E-01	7.13E-01	9.05E-04	EPI
Chloronitrobenzene, o-	88-73-3	157.56	EPI	3.80E-04	9.30E-06	EPI	1.82E-02	EPI	1.37E+00	CRC89	5.13E-02	8.80E-06	WATER 9			3.71E+02	EPI	2.24E+00	EPI	4.41E+02	EPI	3.04E-02	8.02E-01	1.92E+00	6.30E-03	EPI
Chloronitrobenzene, p-	100-00-5	157.56	EPI	2.00E-04	4.89E-06	EPI	2.19E-02	EPI	1.30E+00	CRC89	5.02E-02	8.53E-06	WATER 9			3.63E+02	EPI	2.39E+00	EPI	2.25E+02	EPI	3.83E-02	8.02E-01	1.92E+00	7.93E-03	EPI
Chlorophenol, 2-	95-57-8	128.56	EPI	4.58E-04	1.12E-05	EPI	2.53E+00	EPI	1.26E+00	CRC89	6.61E-02	9.48E-06	WATER 9			3.07E+02	EPI	2.15E+00	EPI	1.13E+04	EPI	3.48E-02	5.52E-01	1.32E+00	7.99E-03	EPI
Chloropicrin	76-06-2	164.38	EPI	8.38E-02	2.05E-03	EPI	2.38E+01	EPI	1.66E+00	CRC89	5.18E-02	9.62E-06	WATER 9			4.42E+01	EPI	2.09E+00	EPI	1.62E+03	EPI	2.26E-02	8.76E-01	2.10E+00	4.59E-03	EPI
Chlorothalonil	1897-45-6	265.91	EPI	8.18E-05	2.00E-06	EPI	5.70E-07	EPI	1.70E+00	CRC89	2.76E-02	7.32E-06	WATER 9			1.04E+03	EPI	3.05E+00	EPI	8.10E-01	EPI	3.37E-02	3.24E+00	7.78E+00	5.37E-03	EPI
Chlorotoluene, o-	95-49-8	126.59	EPI	1.46E-01	3.57E-03	EPI	3.43E+00	EPI	1.08E+00	CRC89	6.29E-02	8.72E-06	WATER 9			3.83E+02	EPI	3.42E+00	EPI	3.74E+02	EPI	2.48E-01	5.38E-01	1.29E+00	5.72E-02	EPI
Chlorotoluene, p-	106-43-4	126.59	EPI	1.79E-01	4.38E-03	EPI	2.69E+00	EPI	1.07E+00	CRC89	6.26E-02	8.66E-06	WATER 9			3.75E+02	EPI	3.33E+00	EPI	1.06E+02	EPI	2.16E-01	5.38E-01	1.29E+00	4.98E-02	EPI
Chlorozotocin	54749-90-5	313.7	EPI	1.50E-20	3.67E-22	EPI	2.86E-13	EPI			4.12E-02	4.81E-06	WATER 9			1.00E+01	EPI	-1.02E+00	EPI	1.00E+06	EPI	6.75E-05	6.01E+00	1.44E+01	9.91E-06	EPI
Chlorpropham	101-21-3	213.67	EPI	2.33E-05	5.69E-07	EPI	1.80E-04	EPI	1.18E+00	CRC89	2.61E-02	6.71E-06	WATER 9			3.51E+02	EPI	3.51E+00	EPI	8.90E+01	EPI	1.20E-01	1.65E+00	3.97E+00	2.13E-02	EPI
Chlorpyrifos	2921-88-2	350.59	EPI	1.20E-04	2.93E-06	EPI	2.03E-05	EPI			3.82E-02	4.47E-06	WATER 9			7.28E+03	EPI	4.96E+00	EPI	1.12E+00	EPI	2.41E-01	9.66E+00	2.32E+01	3.34E-02	EPI
Chlorpyrifos Methyl	5598-13-0	322.53	EPI	1.53E-04	3.75E-06	EPI	4.20E-05	EPI			4.04E-02	4.72E-06	WATER 9			2.19E+03	EPI	4.31E+00	EPI	4.76E+00	EPI	1.23E-01	6.73E+00	1.62E+01	1.78E-02	EPI
Chlorsulfuron	64902-72-3	357.77	EPI	1.40E-14	3.42E-16	EPI	2.25E-11	EPI			3.77E-02	4.41E-06	WATER 9			3.22E+02	EPI	2.00E+00	EPI	3.10E+04	EPI	2.39E-03	1.06E+01	2.54E+01	3.28E-04	EPI
Chlorthiophos	60238-56-4	361.24	EPI	4.91E-05	1.20E-06	EPI	3.97E-01	EPI			3.75E-02	4.38E-06	WATER 9			1.28E+04	EPI	5.80E+00	EPI	3.00E-01	EPI	7.75E-01	1.11E+01	4.27E+01	1.06E-01	EPI
Chromium(III), Insoluble Salts	16065-83-1	52	EPI						5.22E+00	CRC89				1.80E+06	SSL							2.77E-03	2.06E-01	4.93E-01	1.00E-03	RAGSE
Chromium(VI)	18540-29-9	52	EPI											1.90E+01	SSL					1.69E+06	CRC89	5.55E-03	2.06E-01	4.93E-01	2.00E-03	RAGSE
Chromium, Total	7440-47-3	52	EPI						7.15E+00	CRC89				1.80E+06	SSL							2.77E-03	2.06E-01	4.93E-01	1.00E-03	RAGSE
Cobalt	7440-48-4	58.93	EPI				0.00E+00	NIOSH	8.86E+00	CRC89				4.50E+01	BAES							1.18E-03	2.25E-01	5.40E-01	4.00E-04	RAGSE
Coke Oven Emissions	8007-45-2			4.50E-01	1.10E-02	HSDB	9.50E+01	HSDB			1.04E-01	1.21E-05	WATER 9			1.60E+04										
Copper	7440-50-8	63.55	EPI				0.00E+00	NIOSH	8.96E+00	CRC89				3.50E+01	BAES							3.07E-03	2.39E-01	5.73E-01	1.00E-03	RAGSE
Cresol, m-	108-39-4	108.14	EPI	3.50E-05	8.56E-07	EPI	1.10E-01	EPI	1.03E+00	CRC89	7.29E-02	9.32E-06	WATER 9			3.00E+02	EPI	1.96E+00	EPI	2.27E+04	EPI	3.11E-02	4.24E-01	1.02E+00	7.77E-03	EPI
Cresol, o-	95-48-7	108.14	EPI	4.91E-05	1.20E-06	EPI	2.99E-01	EPI	1.03E+00	CRC89	7.28E-02	9.32E-06	WATER 9			3.07E+02	EPI	1.95E+00	EPI	2.59E+04	EPI	3.06E-02	4.24E-01	1.02E+00	7.66E-03	EPI
Cresol, p-	106-44-5	108.14	EPI	4.09E-05	1.00E-06	EPI	1.10E-01	EPI	1.02E+00	CRC89	7.24E-02	9.24E-06	WATER 9			3.00E+02	EPI	1.94E+00	EPI	2.15E+04	EPI	3.02E-02	4.24E-01	1.02E+00	7.54E-03	EPI
Cresol, p-chloro-m-	59-50-7	142.59	EPI	1.00E-04	2.45E-06	EPI	5.00E-02	EPI			6.96E-02	8.13E-06	WATER 9			4.92E+02	EPI	3.10E+00	EPI	3.83E+03	EPI	1.31E-01	6.61E-01	1.59E+00	2.85E-02	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Cresols	1319-77-3	108.14	EPI	2.88E-05	7.05E-07	EPI	1.70E-01	EPI			8.37E-02	9.78E-06	WATER 9			3.07E+02	EPI	1.95E+00	EPI	9.07E+03	PhysProp	3.06E-02	4.24E-01	1.02E+00	7.66E-03	EPI
Crotonaldehyde, trans-	123-73-9	70.09	EPI	7.93E-04	1.94E-05	EPI	3.00E+01	EPI	8.52E-01	CRC89	9.59E-02	1.08E-05	WATER 9			1.79E+00	EPI	6.00E-01	YAWS	1.50E+05	EPI	5.12E-03	2.60E-01	6.23E-01	1.59E-03	EPI
Cumene	98-82-8	120.2	EPI	4.70E-01	1.15E-02	EPI	4.50E+00	EPI	8.64E-01	CRC89	6.03E-02	7.86E-06	WATER 9			6.98E+02	EPI	3.66E+00	EPI	6.13E+01	EPI	3.78E-01	4.95E-01	1.19E+00	8.97E-02	EPI
Cupferron	135-20-6	155.16	EPI	8.67E-16	2.12E-17	EPI	4.76E-08	EPI			6.58E-02	7.69E-06	WATER 9			7.62E+02	EPI	-3.16E+00	EPI	2.04E+05	EPI	8.00E-06	7.78E-01	1.87E+00	1.67E-06	EPI
Cyanazine	21725-46-2	240.7	EPI	1.05E-10	2.57E-12	EPI	1.38E-07	EPI			4.91E-02	5.74E-06	WATER 9			1.34E+02	EPI	2.22E+00	EPI	1.70E+02	EPI	1.25E-02	2.34E+00	5.62E+00	2.09E-03	EPI
Cyanides																										
~Calcium Cyanide	592-01-8	92.11	EPI																			3.69E-03	3.45E-01	8.28E-01	1.00E-03	RAGSE
~Copper Cyanide	544-92-3	89.56	EPI						2.90E+00	CRC89												3.64E-03	3.34E-01	8.01E-01	1.00E-03	RAGSE
~Cyanide (CN-)	57-12-5	26.0174	OTHER	9.89E-01	2.42E-02	PHYSPROP	3.08E+02	PHYSPROP	6.95E-01	CHEM GUIDE	2.11E-01	2.46E-05	WATER 9	9.90E+00	SSL					9.54E+04	PHYSPROP	1.96E-03	1.47E-01	3.53E-01	1.00E-03	RAGSE
~Cyanogen	460-19-5	52.04	EPI	2.21E-01	5.40E-03	EPI	4.30E+03	EPI	9.54E-01	CRC89	1.24E-01	1.38E-05	WATER 9					7.00E-02	EPI	9.49E+03	YAWS	2.47E-03	2.06E-01	4.94E-01	8.90E-04	RAGSE
~Cyanogen Bromide	506-68-3	105.92	EPI	1.00E+00	2.45E-02	EPI	1.22E+02	PubChem	2.02E+00	CRC89	9.84E-02	1.41E-05	WATER 9									1.01E-03	4.12E-01	9.89E-01	2.55E-04	RAGSE
~Cyanogen Chloride	506-77-4	61.47	EPI	7.87E-02	1.94E-03	YAWS	1.23E+03	PubChem	1.19E+00	CRC89	1.21E-01	1.42E-05	WATER 9							3.00E+04	YAWS	1.19E-03	2.32E-01	5.58E-01	3.94E-04	RAGSE
~Hydrogen Cyanide	74-90-8	27.03	EPI	5.44E-03	1.33E-04	EPI	7.42E+02	EPI	6.88E-01	CRC89	1.68E-01	1.68E-05	WATER 9	9.90E+00	SSL			-2.50E-01	EPI	1.00E+06	EPI	2.00E-03	1.49E-01	3.58E-01	1.00E-03	RAGSE
~Potassium Cyanide	151-50-8	65.12	EPI				0.00E+00	NIOSH	1.55E+00	CRC89										7.20E+05	EPI	6.21E-03	2.44E-01	5.84E-01	2.00E-03	RAGSE
~Potassium Silver Cyanide	506-61-6	199	EPI																			1.09E-02	1.37E+00	3.28E+00	2.00E-03	RAGSE
~Silver Cyanide	506-64-9	133.89	EPI						3.95E+00	CRC89										2.30E+01	EPI	4.45E-03	5.91E-01	1.42E+00	1.00E-03	RAGSE
~Sodium Cyanide	143-33-9	49.01	EPI				0.00E+00	NIOSH	1.60E+00	CRC89										5.82E+05	CRC89	2.69E-03	1.98E-01	4.75E-01	1.00E-03	RAGSE
~Thiocyanates	NA																								1.00E-03	RAGSE
~Thiocyanic Acid	463-56-9	59.09	EPI				4.73E+00	PPRTV	1.13E+00	PPRTV	1.21E-01	1.41E-05	WATER 9					5.80E-01	OTHER			2.96E-03	2.25E-01	5.41E-01	1.00E-03	RAGSE
~Zinc Cyanide	557-21-1	117.43	EPI						1.85E+00	CRC89										4.70E+00	CRC89	2.50E-03	4.78E-01	1.15E+00	6.00E-04	RAGSE
Cyclohexane	110-82-7	84.16	EPI	6.13E+00	1.50E-01	EPI	9.69E+01	EPI	7.74E-01	CRC89	8.00E-02	9.11E-06	WATER 9			1.46E+02	EPI	3.44E+00	EPI	5.50E+01	EPI	3.60E-01	3.11E-01	7.47E-01	1.02E-01	EPI
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	513.09	EPI	4.37E-10	1.07E-11	EPI	3.46E-06	EPI			2.96E-02	3.46E-06	WATER 9			2.81E+03	EPI	4.72E+00	EPI	4.54E-01	EPI	2.47E-02	7.86E+01	1.89E+02	2.83E-03	EPI
Cyclohexanone	108-94-1	98.15	EPI	3.68E-04	9.00E-06	EPI	4.33E+00	EPI	9.48E-01	CRC89	7.68E-02	9.38E-06	WATER 9			1.74E+01	EPI	8.10E-01	EPI	2.50E+04	EPI	5.79E-03	3.73E-01	8.95E-01	1.52E-03	EPI
Cyclohexene	110-83-8	82.15	EPI	1.86E+00	4.55E-02	EPI	8.90E+01	EPI	8.10E-01	NIOSH	8.32E-02	9.50E-06	WATER 9			1.46E+02	EPI	2.86E+00	EPI	2.13E+02	EPI	1.50E-01	3.03E-01	7.28E-01	4.31E-02	EPI
Cyclohexylamine	108-91-8	99.18	EPI	1.70E-04	4.16E-06	EPI	1.01E+01	EPI	8.19E-01	CRC89	7.13E-02	8.54E-06	WATER 9			3.22E+01	EPI	1.49E+00	EPI	1.00E+06	EPI	1.63E-02	3.78E-01	9.07E-01	4.25E-03	EPI
Cyhalothrin/karate	68085-85-8	449.86	EPI	6.05E-05	1.48E-06	EPI	1.50E-09	EPI			3.24E-02	3.78E-06	WATER 9			3.41E+05	EPI	6.90E+00	OTHER	5.00E-03	EPI	1.71E+00	3.48E+01	1.40E+02	2.10E-01	EPI
Cypermethrin	52315-07-8	416.31	EPI	1.72E-05	4.20E-07	EPI	1.30E-03	EPI	1.25E+00	CRC89	1.89E-02	4.65E-06	WATER 9			7.98E+04	EPI	6.60E+00	EPI	4.00E-03	EPI	6.03E-01	2.26E+01	9.11E+01	7.69E-02	EPI
Cyromazine	66215-27-8	166.19	EPI	2.31E-12	5.65E-14	EPI	3.36E-09	EPI			6.29E-02	7.34E-06	WATER 9			2.87E+01	EPI	9.60E-01	EPI	1.30E+04	EPI	3.95E-03	8.96E-01	2.15E+00	7.97E-04	EPI
DDD	72-54-8	320.05	EPI	2.70E-04	6.60E-06	EPI	1.35E-06	EPI			4.06E-02	4.74E-06	WATER 9			1.18E+05	EPI	6.02E+00	EPI	9.00E-02	EPI	1.73E+00	6.52E+00	2.62E+01	2.51E-01	EPI
DDE, p,p'-	72-55-9	318.03	EPI	1.70E-03	4.16E-05	EPI	6.00E-06	EPI	1.40E+00	LookChem	2.30E-02	5.86E-06	WATER 9			1.18E+05	EPI	6.51E+00	EPI	4.00E-02	EPI	3.74E+00	6.35E+00	2.73E+01	5.45E-01	EPI
DDT	50-29-3	354.49	EPI	3.40E-04	8.32E-06	EPI	1.60E-07	EPI			3.79E-02	4.43E-06	WATER 9			1.69E+05	EPI	6.91E+00	EPI	5.50E-03	EPI	4.55E+00	1.02E+01	4.43E+01	6.28E-01	EPI
Dacthal	1861-32-1	331.97	EPI	8.91E-05	2.18E-06	EPI	2.50E-06	EPI			3.96E-02	4.63E-06	WATER 9			5.11E+02	EPI	4.28E+00	EPI	5.00E-01	EPI	1.05E-01	7.60E+00	1.82E+01	1.50E-02	EPI
Dalapon	75-99-0	142.97	EPI	2.31E-06	5.66E-08	EPI	1.51E-01	EPI	1.39E+00	CRC89	6.01E-02	9.41E-06	WATER 9			3.23E+00	EPI	7.80E-01	EPI	5.02E+05	EPI	3.75E-03	6.64E-01	1.59E+00	8.15E-04	EPI
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE 209)	1163-19-5	959.17	EPI	1.82E-06	4.45E-08	EPI	4.67E-12	EPI	3.00E+00	IRIS	1.89E-02	4.77E-06	WATER 9			2.76E+05	EPI	1.21E+01	EPI	1.00E-04	EPI	8.64E+00	2.47E+04	1.11E+05	7.25E-01	EPI
Demeton	8065-48-3	258.339	CRC89	1.56E-04	3.82E-06	PhysProp	3.40E-04	PhysProp	1.12E+00	PubChem	2.30E-02	5.80E-06	WATER 9					3.21E+00	OTHER	0.00E+00	CRC89	4.67E-02	2.94E+00	7.06E+00	7.56E-03	RAGSE
Di(2-ethylhexyl)adipate	103-23-1	370.58	EPI	1.77E-05	4.34E-07	EPI	8.50E-07	EPI	9.22E-01	CRC89	1.73E-02	4.16E-06	WATER 9			3.60E+04	EPI	8.12E+00	EPI	7.80E-01	EPI	2.39E+01	1.25E+01	5.79E+01	3.23E+00	EPI
Diallate	2303-16-4	270.22	EPI	1.55E-04	3.80E-06	EPI	1.50E-04	EPI			4.55E-02	5.31E-06	WATER 9			6.44E+02	EPI	4.49E+00	EPI	1.40E+01	EPI	2.91E-01	3.43E+00	8.23E+00	4.60E-02	EPI
Diazinon	333-41-5	304.35	EPI	4.62E-06	1.13E-07	EPI	9.01E-05	EPI	1.11E+00	CRC89	2.10E-02	5.23E-06	WATER 9			3.03E+03	EPI	3.81E+00	EPI	4.00E+01	EPI	6.98E-02	5.32E+00	1.28E+01	1.04E-02	EPI
Dibenzothiophene	132-65-0	184.26	EPI	1.38E-03	3.38E-05	EPI	2.05E-04	EPI	1.25E+00	ChemNet	3.55E-02	7.60E-06	WATER 9			9.16E+03	EPI	4.38E+00	EPI	1.47E+00	EPI	6.16E-01	1.13E+00	4.53E+00	1.18E-01	EPI
Dibromo-3-chloropropane, 1,2-	96-12-8	236.33	EPI	6.01E-03	1.47E-04	EPI	5.80E-01	EPI	2.09E+00	CRC89	3.21E-02	8.90E-06	WATER 9			1.16E+02	EPI	2.96E+00	EPI	1.23E+03	EPI	4.05E-02	2.21E+00	5.32E+00	6.85E-03	EPI
Dibromobenzene, 1,3-	108-36-1	235.91	EPI	5.07E-02	1.24E-03	EPI	2.69E-01	EPI	1.95E+00	CRC89	3.12E-02	8.55E-06	WATER 9			3.75E+02	EPI	3.75E+00	EPI	6.75E+01	EPI	1.36E-01	2.20E+00	5.29E+00	2.31E-02	EPI
Dibromobenzene, 1,4-	106-37-6	235.91	EPI	3.65E-02	8.93E-04	EPI	5.75E-02	EPI	2.26E+00	CRC89	3.33E-02	9.34E-06	WATER 9			3.75E+02	EPI	3.79E+00	EPI	2.00E+01	EPI	1.45E-01	2.20E+00	5.29E+00	2.45E-02	EPI
Dibromochloromethane	124-48-1	208.28	EPI	3.20E-02	7.83E-04	EPI	1.56E+01	EPI	2.45E+00	CRC89	3.66E-02	1.06E-05	WATER 9			3.18E+01	EPI	2.16E+00	EPI	2.70E+03	EPI	1.60E-02	1.54E+00	3.70E+00	2.89E-03	EPI
Dibromoethane, 1,2-	106-93-4	187.86	EPI	2.66E-02	6.50E-04	EPI	1.12E+01	EPI	2.17E+00	CRC89	4.30E-02	1.04E-05	WATER 9			3.96E+01	EPI	1.96E+00	EPI	3.91E+03	EPI	1.47E-02	1.19E+00	2.84E+00	2.78E-03	EPI
Dibromomethane (Methylene Bromide)	74-95-3	173.84	EPI	3.36E-02	8.22E-04	EPI	4.44E+01	EPI	2.50E+00	CRC89	5.51E-02	1.19E-05	WATER 9			2.17E+01	EPI	1.70E+00	EPI	1.19E+04	EPI	1.13E-02	9.89E-01	2.37E+00	2.23E-03	EPI
Dibutyltin Compounds	NA																									
Dicamba	1918-00-9	221.04	EPI	8.91E-08	2.18E-09	EPI	3.38E-05	EPI	1.57E+00	CRC89	2.92E-02	7.80E-06	WATER 9			2.90E+01	EPI	2.21E+00	EPI	8.31E+03	EPI	1.52E-02	1.82E+00	4.36E+00	2.65E-03	EPI
Dichloro-2-butene, 1,4-	764-41-0	125	EPI	2.19E-02	5.35E-04	EPI	3.00E+00	EPI	1.19E+00	LANGE	6.65E-02	9.29E-06	WATER 9			1.32E+02	EPI	2.60E+00	EPI	5.80E+02	EPI	7.14E-02	5.27E-01	1.26E+00	1.66E-02	EPI
Dichloro-2-butene, cis-1,4-	1476-11-5	125	EPI	2.71E-02	6.64E-04	EPI	4.09E+00	EPI	1.19E+00	CRC89	6.65E-02	9.29E-06	WATER 9			1.32E+02	EPI	2.60E+00	YAWS	5.80E+02	EPI	7.14E-02	5.27E-01	1.26E+00	1.66E-02	EPI
Dichloro-2-butene, trans-1,4-	110-57-6	125	EPI	2.71E-02	6.64E-04	EPI	4.09E+00	EPI	1.18E+00	CRC89	6.64E-02	9.27E-06	WATER 9			1.32E+02	EPI	2.60E+00	YAWS	8.50E+02	EPI	7.14E-02	5.27E-01	1.26E+00	1.66E-02	EPI
Dichloroacetic Acid	79-43-6	128.94	EPI	3.43E-07	8.38E-09	EPI	1.79E-01	EPI	1.56E+00	CRC89	7.22E-02	1.08E-05	WATER 9			2.25E+00	EPI	9.20E-01	EPI	1.00E+06	EPI	5.28E-03	5.55E-01	1.33E+00	1.21E-03	EPI
Dichlorobenzene, 1,2-	95-50-1	147	EPI	7.85E-02	1.92E-03	EPI	1.36E+00	EPI	1.31E+00	CRC89	5.62E-02	8.92E-06	WATER 9			3.83E+02	EPI	3.43E+00	EPI	1.56E+02	EPI	2.08E-01	7.00E-01	1.68E+00	4.46E-02	EPI
Dichlorobenzene, 1,4-	106-46-7	147	EPI	9.85E-02	2.41E-03	EPI	1.74E+00	EPI	1.25E+00	CRC89	5.50E-02	8.68E-06	WATER 9			3.75E+02	EPI	3.44E+00	EPI	8.13E+01	EPI	2.11E-01	7.00E-01	1.68E+00	4.53E-02	EPI
Dichlorobenzidine, 3,3'-	91-94-1	253.13	EPI	1.64E-07	4.01E-09	SSL	4.16E-06	EPI			4.75E-02	5.55E-06	WATER 9			3.19E+03	EPI	3.51E+00	EPI	3.10E+00	EPI	7.83E-02	2.75E+00	6.60E+00	1.28E-02	EPI
Dichlorobenzophenone, 4,4'-	90-98-2	251.11	EPI	4.37E-05	1.07E-06	EPI	6.39E-06	EPI	1.45E+00	CRC89	2.64E-02	6.89E-06	WATER 9			2.93E+03	EPI	4.44E+00	EPI	7.80E+00	EPI	3.30E-01	2.68E+00	6.43E+00	5.42E-02	EPI
Dichlorodifluoromethane	75-71-8	120.91	EPI	1.40E+01	3.43E-01	EPI	4.85E+03	EPI	1.49E+00	PERRY	7.60E-02	1.08E-05	WATER 9			4.39E+01	EPI	2.16E+00	EPI	2.80E+02	EPI	3.79E-02	5.00E-01	1.20E+00	8.95E-03	EPI
Dichloroethane, 1,1-	75-34-3	98.96	EPI	2.30E-01	5.62E-03	EPI	2.27E+02	EPI	1.18E+00	CRC89	8.36E-02	1.06E-05	WATER 9			3.18E+01	EPI	1.79E+00	EPI	5.04E+03	EPI	2.58E-02	3.77E-01	9.04E-01	6.75E-03	EPI
Dichloroethane, 1,2-	107-06-2	98.96	EPI	4.82E-02	1.18E-03	EPI	7.89E+01	EPI	1.25E+00	CRC89	8.57E-02	1.10E-05	WATER 9			3.96E+01	EPI	1.48E+00	EPI	8.60E+03	EPI	1.61E-02	3.77E-01	9.04E-01	4.20E-03	EPI
Dichloroethylene, 1,1-	75-35-4	96.94	EPI	1.07E+00	2.61E-02	EPI	6.00E+02	EPI	1.21E+00	CRC89	8.63E-02	1.10E-05	WATER 9			3.18E+01	EPI	2.13E+00	EPI	2.42E+03	EPI	4.43E-02	3.67E-01	8.81E-01	1.17E-02	EPI
Dichloroethylene, 1,2-cis-	156-59-2	96.94	EPI	1.67E-01	4.08E-03	EPI	2.01E+02	EPI	1.28E+00	CRC89	8.84E-02	1.13E-05	WATER 9			3.96E+01	EPI	1.86E+00	EPI	6.41E+03	EPI	4.17E-02	3.67E-01	8.81E-01	1.10E-02	EPI
Dichloroethylene, 1,2-trans-	156-60-5	96.94	EPI	3.85E-01	9.42E-03	SSL	3.31E+02	EPI	1.26E+00	CRC89	8.76E-02	1.12E-05	WATER 9			3.96E+01	EPI	2.09E+00	EPI	4.52E+03	EPI	4.17E-02	3.67E-01	8.81E-01	1.10E-02	EPI
Dichlorophenol, 2,4-	120-83-2	163	EPI	1.75E-04	4.29E-06	EPI	9.00E-02	EPI	1.38E+00	PERRY	4.86E-02	8.68E-06	WATER 9			4.92E+02	EPI	3.06E+00	EPI	4.50E+03	EPI	1.01E-01	8.60E-01	2.06E+00	2.06E-02	EPI
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	221.04	EPI	1.45E-06	3.54E-08	EPI	8.25E-05	EPI	1.42E+00	PubChem	2.79E-02	7.34E-06	WATER 9			2.96E+01	EPI	2.81E+00	EPI	6.77E+02	EPI	3.80E-02	1.82E+00	4.36E+00	6.64E-03	EPI
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	249.1	EPI	2.40E-07	5.87E-09	EPI	6.37E-05	EPI	1.37E+00	ChemNet	2.58E-02	6.69E-06	WATER 9			3.70E+02	PubChem	3.53E+00	EPI	4.60E+01	EPI	8.44E-02	2.61E+00	6.27E+00	1.39E-02	EPI
Dichloropropane, 1,2-	78-87-5	112.99	EPI	1.15E-01	2.82E-03	EPI	5.33E+01	EPI	1.16E+00	PERRY	7.33E-02	9.73E-06	WATER 9			6.07E+01	EPI	1.98E+00	EPI	2.80E+03	EPI	3.08E-02	4.51E-01	1.08E+00	7.53E-03	EPI
Dichloropropane, 1,3-	142-28-9	112.99	EPI	3.99E-02	9.76E-04	EPI	1.82E+01	EPI	1.18E+00	CRC89	7.39E-02	9.82E-06	WATER 9			7.22E+01	EPI	2.00E+00	EPI	2.75E+03	EPI	3.17E-02	4.51E-01	1.08E+00	7.76E-03	EPI
Dichloropropanol, 2,3-	616-23-9	128.99	EPI	1.48E-07	3.62E-09	EPI	1.91E-01	EPI	1.36E+00	CRC89	6.80E-02	9.89E-06	WATER 9			5.57E+00	EPI	7.80E-01	EPI	6.08E+04	EPI	4.29E-03	5.55E-01	1.33E+00	9.83E-04	EPI
Dichloropropene, 1,3-	542-75-6	110.97	EPI	1.45E-01	3.55E-03	EPI	3.40E+01	EPI	1.22E+00	LANGE	7.63E-02	1.01E-05	WATER 9			7.22E+01	EPI	2.04E+00	EPI	2.80E+03	EPI	3.38E-02	4.40E-01	1.06E+00	8.34E-03	EPI
Dichlorvos	62-73-7	220.98	EPI	2.35E-05	5.74E-07	EPI	1.58E-02	EPI	1.42E+00	CRC89	2.79E-02	7.33E-06	WATER 9			5.40E+01	EPI	1.43E+00	EPI	8.00E+03	EPI	4.60E-03	1.82E+00	4.36E+00	8.04E-04	EPI
Dicyclopentadiene	77-73-6	132.21	EPI	2.56E+00	6.25E-02	EPI	2.29E+00	EPI	9.30E-01	LANGE	5.57E-02	7.76E-06	WATER 9			1.51E+03	EPI	3.51E+00	YAWS	1.37E+01	EPI	1.59E-01	5.78E-01	1.39E+00	3.60E-02	EPI
Dieldrin	60-57-1	380.91	EPI	4.09E-04	1.00E-05	EPI	5.89E-06	EPI	1.75E+00	CRC89	2.33E-02	6.01E-06	WATER 9			2.01E+04	EPI	5.40E+00	EPI	1.95E-01	EPI	2.45E-01	1.43E+01	3.43E+01	3.26E-02	EPI
Diesel Engine Exhaust	NA																									
Diethanolamine	111-42-2	105.14	EPI	1.58E-09	3.87E-11	EPI	2.80E-04	EPI	1.10E+00	CRC89	7.68E-02	9.82E-06	WATER 9			1.00E+00	EPI	-1.43E+00	EPI	1.00E+06	EPI	1.78E-04	4.08E-01	9.79E-01	4.51E-05	EPI
Diethylene Glycol Monobutyl Ether	112-34-5	162.23	EPI	2.94E-07	7.20E-09	EPI	2.19E-02	EPI	9.55E-01	CRC89	4.14E-02	6.97E-06	WATER 9			1.00E+01	EPI	5.60E-01	EPI	1.00E+06	EPI	2.22E-03	8.52E-01	2.04E+00	4.54E-04	EPI
Diethylene Glycol Monoethyl Ether	111-90-0	134.18	EPI	9.12E-07	2.23E-08	EPI	1.26E-01	EPI	9.89E-01	CRC89	5.62E-02	7.97E-06	WATER 9			1.00E+00	EPI	-5.40E-01	EPI	1.00E+06	EPI	5.39E-04	5.93E-01	1.42E+00	1.21E-04	EPI
Diethylformamide	617-84-5	101.15	EPI	5.31E-06	1.30E-07	EPI	1.21E+00	EPI	9.08E-01	CRC89	7.33E-02	8.98E-06	WATER 9			2.06E+00	EPI	5.00E-02	EPI	1.00E+06	EPI	1.77E-03	3.88E-01	9.30E-01	4.57E-04	EPI
Diethylstilbestrol	56-53-1	268.36	EPI	2.37E-10	5.80E-12	EPI	8.64E-09	EPI			4.57E-02	5.34E-06	WATER 9			2.74E+05	EPI	5.07E+00	EPI	1.20E+01	EPI	7.18E-01	3.35E+00	1.30E+01	1.14E-01	EPI
Difenzoquat	43222-48-6	360.43	EPI				3.86E-11	EPI			3.75E-02	4.38E-06	WATER 9			7.84E+04	EPI	6.50E-01	EPI	8.17E+05	EPI	2.94E-04	1.10E+01	2.63E+01	4.02E-05	EPI
Diflubenzuron	35367-38-5	310.69	EPI	1.88E-07	4.60E-09	EPI	9.00E-10	EPI			4.14E-02	4.84E-06	WATER 9			4.63E+02	EPI	3.88E+00	EPI	8.00E-02	EPI	7.25E-02	5.78E+00	1.39E+01	1.07E-02	EPI
Difluoroethane, 1,1-	75-37-6	66.05	EPI	8.30E-01	2.03E-02	EPI	4.55E+03	EPI	8.96E-01	CRC89	1.02E-01	1.15E-05	WATER 9			3.18E+01	EPI	7.50E-01	EPI	3.20E+03	EPI	6.56E-03	2.46E-01	5.91E-01	2.10E-03	EPI
Dihydrosafrole	94-58-6	164.21	EPI	6.75E+00	1.65E-01	EPI	5.54E-02	EPI	1.07E+00	PubChem	4.26E-02	7.39E-06	WATER 9			2.07E+02	EPI	3.38E+00	OTHER	5.77E+00	EPI	2.23E-01	8.74E-01	2.10E+00	4.52E-02	EPI
Diisopropyl Ether	108-20-3	102.18	EPI	1.05E-01	2.56E-03	EPI	1.49E+02	EPI	7.19E-01	CRC89	6.54E-02	7.76E-06	WATER 9			2.28E+01	EPI	1.52E+00	EPI	8.80E+03	EPI	1.66E-02	3.93E-01	9.42E-01	4.28E-03	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Diisopropyl Methylphosphonate	1445-75-6	180.19	EPI	1.79E-03	4.38E-05	EPI	2.77E-01	EPI	9.76E-01	ATSDR	3.35E-02	6.63E-06	WATER 9			4.22E+01	EPI	1.03E+00	EPI	1.50E+03	EPI	3.81E-03	1.07E+00	2.58E+00	7.38E-04	EPI
Dimethipin	55290-64-7	210.26	EPI	9.40E-10	2.30E-11	EPI	3.83E-07	EPI			5.37E-02	6.28E-06	WATER 9			1.00E+01	EPI	-1.70E-01	EPI	4.60E+03	EPI	4.45E-04	1.58E+00	3.80E+00	7.98E-05	EPI
Dimethoate	60-51-5	229.25	EPI	9.93E-09	2.43E-10	EPI	1.88E-05	EPI	1.28E+00	CRC89	2.61E-02	6.74E-06	WATER 9			1.28E+01	EPI	7.80E-01	EPI	2.33E+04	EPI	1.55E-03	2.02E+00	4.85E+00	2.67E-04	EPI
Dimethoxybenzidine, 3,3'-	119-90-4	244.3	EPI	1.91E-09	4.66E-11	EPI	7.09E-06	EPI			4.86E-02	5.68E-06	WATER 9			5.09E+02	EPI	1.81E+00	EPI	6.00E+01	EPI	6.37E-03	2.45E+00	5.89E+00	1.06E-03	EPI
Dimethyl methylphosphonate	756-79-6	124.08	EPI	5.11E-05	1.25E-06	EPI	8.33E-01	PhysProp	1.17E+00	CRC89	6.66E-02	9.24E-06	WATER 9			5.41E+00	EPI	-6.10E-01	EPI	1.00E+06	EPI	5.31E-04	5.21E-01	1.25E+00	1.24E-04	EPI
Dimethylamino azobenzene [p-]	60-11-7	225.3	EPI	9.57E-06	2.34E-07	EPI	7.00E-08	EPI			5.13E-02	6.00E-06	WATER 9			2.03E+03	EPI	4.58E+00	EPI	2.30E-01	EPI	5.44E-01	1.92E+00	4.61E+00	9.43E-02	EPI
Dimethylaniline HCl, 2,4-	21436-96-4	157.64	EPI	8.79E-12	2.15E-13	EPI	6.51E-07	EPI			6.51E-02	7.61E-06	WATER 9			3.52E+02	EPI	-1.51E+00	EPI	1.50E+02	EPI	9.75E-05	8.03E-01	1.93E+00	2.02E-05	EPI
Dimethylaniline, 2,4-	95-68-1	121.18	EPI	1.02E-04	2.50E-06	EPI	1.33E-01	EPI	9.72E-01	CRC89	6.30E-02	8.39E-06	WATER 9			1.85E+02	EPI	1.68E+00	EPI	2.18E+03	EPI	1.81E-02	5.02E-01	1.20E+00	4.28E-03	EPI
Dimethylaniline, N,N-	121-69-7	121.18	EPI	2.32E-03	5.68E-05	EPI	7.00E-01	EPI	9.56E-01	CRC89	6.25E-02	8.31E-06	WATER 9			7.87E+01	EPI	2.31E+00	EPI	1.45E+03	EPI	4.74E-02	5.02E-01	1.20E+00	1.12E-02	EPI
Dimethylbenzidine, 3,3'-	119-93-7	212.3	EPI	3.31E-09	8.10E-11	EPI	2.06E-05	EPI			5.34E-02	6.24E-06	WATER 9			3.19E+03	EPI	2.34E+00	EPI	1.30E+03	EPI	2.03E-02	1.62E+00	3.90E+00	3.62E-03	EPI
Dimethylformamide	68-12-2	73.1	EPI	3.02E-06	7.39E-08	EPI	3.87E+00	EPI	9.45E-01	CRC89	9.72E-02	1.12E-05	WATER 9			1.00E+00	EPI	-1.01E+00	EPI	1.00E+06	EPI	4.28E-04	2.70E-01	6.48E-01	1.30E-04	EPI
Dimethylhydrazine, 1,1-	57-14-7	60.1	EPI	2.84E-06	6.95E-08	EPI	1.63E+02	EPI	7.91E-01	CRC89	1.04E-01	1.13E-05	WATER 9			1.20E+01	EPI	-1.19E+00	EPI	1.00E+06	EPI	2.17E-04	2.28E-01	5.48E-01	7.27E-05	RAGSE
Dimethylhydrazine, 1,2-	540-73-8	60.1	EPI	2.84E-06	6.95E-08	EPI	6.99E+01	EPI	8.27E-01	CRC89	1.06E-01	1.16E-05	WATER 9			1.49E+01	EPI	-5.40E-01	EPI	1.00E+06	EPI	9.45E-04	2.28E-01	5.48E-01	3.17E-04	EPI
Dimethylphenol, 2,4-	105-67-9	122.17	EPI	3.89E-05	9.51E-07	EPI	1.02E-01	EPI	9.65E-01	CRC89	6.22E-02	8.31E-06	WATER 9			4.92E+02	EPI	2.30E+00	EPI	7.87E+03	EPI	4.63E-02	5.08E-01	1.22E+00	1.09E-02	EPI
Dimethylphenol, 2,6-	576-26-1	122.17	EPI	2.72E-04	6.65E-06	EPI	1.71E-01	EPI			7.72E-02	9.02E-06	WATER 9			5.02E+02	EPI	2.36E+00	EPI	6.05E+03	EPI	5.10E-02	5.08E-01	1.22E+00	1.20E-02	EPI
Dimethylphenol, 3,4-	95-65-8	122.17	EPI	1.70E-05	4.15E-07	EPI	3.56E-02	EPI	9.83E-01	CRC89	6.28E-02	8.41E-06	WATER 9			4.92E+02	EPI	2.23E+00	EPI	4.76E+03	EPI	4.17E-02	5.08E-01	1.22E+00	9.80E-03	EPI
Dimethylvinylchloride	513-37-1	90.55	EPI	3.31E+00	8.10E-02	EPI	1.54E+02	EPI	9.19E-01	CRC89	8.12E-02	9.66E-06	WATER 9			6.07E+01	EPI	2.58E+00	EPI	1.00E+03	EPI	9.26E-02	3.38E-01	8.11E-01	2.53E-02	EPI
Dinitro-o-cresol, 4,6-	534-52-1	198.14	EPI	5.72E-05	1.40E-06	EPI	1.20E-04	EPI			5.59E-02	6.53E-06	WATER 9			7.54E+02	EPI	2.13E+00	EPI	1.98E+02	EPI	1.71E-02	1.35E+00	3.25E+00	3.15E-03	EPI
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	266.26	EPI	1.38E-09	3.38E-11	EPI	1.75E-07	EPI			4.59E-02	5.36E-06	WATER 9			1.65E+04	EPI	4.12E+00	EPI	1.50E+01	EPI	1.73E-01	3.26E+00	7.82E+00	2.75E-02	EPI
Dinitrobenzene, 1,2-	528-29-0	168.11	EPI	2.18E-06	5.33E-08	EPI	4.55E-05	EPI	1.31E+00	CRC89	4.47E-02	8.25E-06	WATER 9			3.59E+02	EPI	1.69E+00	EPI	1.33E+02	EPI	1.18E-02	9.19E-01	2.21E+00	2.37E-03	EPI
Dinitrobenzene, 1,3-	99-65-0	168.11	EPI	2.00E-06	4.90E-08	EPI	9.00E-04	EPI	1.58E+00	CRC89	4.85E-02	9.21E-06	WATER 9			3.52E+02	EPI	1.49E+00	EPI	5.33E+02	EPI	8.68E-03	9.19E-01	2.21E+00	1.74E-03	EPI
Dinitrobenzene, 1,4-	100-25-4	168.11	EPI	1.51E-05	3.70E-07	EPI	6.54E-05	EPI	1.63E+00	CRC89	4.92E-02	9.38E-06	WATER 9			3.52E+02	EPI	1.46E+00	EPI	6.90E+01	EPI	8.33E-03	9.19E-01	2.21E+00	1.67E-03	EPI
Dinitrophenol, 2,4-	51-28-5	184.11	EPI	3.52E-06	8.60E-08	EPI	3.90E-04	EPI	1.68E+00	CRC89	4.07E-02	9.08E-06	WATER 9			4.61E+02	EPI	1.67E+00	EPI	2.79E+03	EPI	9.76E-03	1.13E+00	2.71E+00	1.87E-03	EPI
Dinitrotoluene Mixture, 2,4/2,6-	NA	182.14	EPI	1.62E-05	3.97E-07	EPI	2.15E-03	EPI			5.91E-02	6.91E-06	WATER 9			5.87E+02	EPI	2.18E+00	EPI	2.70E+02	EPI	2.16E-02	1.10E+00	2.64E+00	4.16E-03	EPI
Dinitrotoluene, 2,4-	121-14-2	182.14	EPI	2.21E-06	5.40E-08	EPI	1.47E-04	EPI	1.32E+00	CRC89	3.75E-02	7.90E-06	WATER 9			5.76E+02	EPI	1.98E+00	EPI	2.00E+02	EPI	1.60E-02	1.10E+00	2.64E+00	3.08E-03	EPI
Dinitrotoluene, 2,6-	606-20-2	182.14	EPI	3.05E-05	7.47E-07	EPI	5.67E-04	EPI	1.28E+00	CRC89	3.70E-02	7.76E-06	WATER 9			5.87E+02	EPI	2.10E+00	EPI	1.82E+02	SSL	1.92E-02	1.10E+00	2.64E+00	3.70E-03	EPI
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	197.15	EPI	6.62E-09	1.62E-10	EPI	3.33E-06	EPI			5.61E-02	6.55E-06	WATER 9			2.83E+02	EPI	1.84E+00	EPI	3.19E+02	EPI	1.10E-02	1.34E+00	3.21E+00	2.04E-03	EPI
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	197.15	EPI	6.62E-09	1.62E-10	EPI	3.65E-06	EPI			5.61E-02	6.55E-06	WATER 9			2.83E+02	EPI	1.84E+00	EPI	3.19E+02	EPI	1.10E-02	1.34E+00	3.21E+00	2.04E-03	EPI
Dinitrotoluene, Technical grade	25321-14-6	182.14	EPI	1.62E-05	3.97E-07	EPI	2.15E-03	EPI			5.91E-02	6.91E-06	WATER 9			5.87E+02	EPI	2.18E+00	EPI	2.70E+02	EPI	2.16E-02	1.10E+00	2.64E+00	4.16E-03	EPI
Dinoseb	88-85-7	240.22	EPI	1.86E-05	4.56E-07	EPI	7.44E-05	EPI	1.27E+00	CRC89	2.53E-02	6.52E-06	WATER 9			4.29E+03	EPI	3.56E+00	EPI	5.20E+01	EPI	9.72E-02	2.33E+00	5.59E+00	1.63E-02	EPI
Dioxane, 1,4-	123-91-1	88.11	EPI	1.96E-04	4.80E-06	EPI	3.81E+01	EPI	1.03E+00	CRC89	8.74E-02	1.05E-05	WATER 9			2.63E+00	EPI	-2.70E-01	EPI	1.00E+06	EPI	1.20E-03	3.28E-01	7.86E-01	3.32E-04	EPI
Dioxins																										
~Hexachlorodibenzo-p-dioxin, Mixture	NA	390.87	EPI	2.33E-04	5.70E-06	EPI	4.40E-11	EPI			3.55E-02	4.15E-06	WATER 9			6.95E+05	EPI	8.21E+00	EPI	4.00E-06	EPI	2.17E+01	1.62E+01	7.51E+01	2.86E+00	EPI
~TCDD, 2,3,7,8-	1746-01-6	321.98	EPI	2.04E-03	5.00E-05	EPI	1.50E-09	EPI	1.80E+00	PubChem	4.70E-02	6.76E-06	WATER 9			2.49E+05	EPI	6.80E+00	EPI	2.00E-04	EPI	5.58E+00	6.68E+00	2.95E+01	8.08E-01	EPI
Diphenamid	957-51-7	239.32	EPI	1.48E-09	3.63E-11	EPI	3.00E-08	EPI	1.17E+00	CRC89	2.45E-02	6.23E-06	WATER 9			4.80E+03	EPI	2.86E+00	EPI	2.60E+02	EPI	3.35E-02	2.30E+00	5.52E+00	5.63E-03	EPI
Diphenyl Sulfone	127-63-9	218.27	EPI	1.02E-05	2.49E-07	EPI	5.46E-04	EPI	1.25E+00	CRC89	2.65E-02	6.86E-06	WATER 9			1.11E+03	EPI	2.40E+00	EPI	9.42E+00	EPI	2.09E-02	1.75E+00	4.21E+00	3.67E-03	EPI
Diphenylamine	122-39-4	169.23	EPI	1.10E-04	2.69E-06	EPI	6.70E-04	EPI	1.16E+00	CRC89	4.17E-02	7.63E-06	WATER 9			8.26E+02	EPI	3.50E+00	EPI	5.30E+01	EPI	1.87E-01	9.32E-01	2.24E+00	3.73E-02	EPI
Diphenylhydrazine, 1,2-	122-66-7	184.24	EPI	1.95E-05	4.78E-07	EPI	4.36E-04	EPI	1.16E+00	CRC89	3.43E-02	7.25E-06	WATER 9			1.51E+03	EPI	2.94E+00	EPI	2.21E+02	EPI	6.79E-02	1.13E+00	2.72E+00	1.30E-02	EPI
Diquat	85-00-7	344.05	EPI	5.81E-12	1.42E-13	EPI	7.17E-09	EPI	1.24E+00	CRC89	2.08E-02	5.19E-06	WATER 9			9.27E+03	EPI	-2.82E+00	EPI	7.08E+05	EPI	1.74E-06	8.88E+00	2.13E+01	2.44E-07	EPI
Direct Black 38	1937-37-7	737.77	EPI	3.37E-38	8.23E-40	EPI	3.18E-36	EPI			2.33E-02	2.72E-06	WATER 9			2.42E+08	EPI	4.90E+00	EPI	5.59E+01	EPI	2.14E-03	1.42E+03	3.42E+03	2.05E-04	EPI
Direct Blue 6	2602-46-2	932.752	CRC89	6.71E-42	1.64E-43	EPI	9.50E-36	EPI			1.99E-02	2.33E-06	WATER 9			7.91E+08	EPI	-2.03E+00	EPI	8.22E-07	EPI	2.03E-08	1.76E+04	4.22E+04	1.73E-09	EPI
Direct Brown 95	16071-86-6	760.11	EPI				1.43E-41	EPI			2.28E-02	2.67E-06	WATER 9			6.99E+06	EPI	-6.53E+00	EPI	1.00E+06	EPI	4.10E-11	1.90E+03	4.56E+03	3.87E-12	EPI
Disulfoton	298-04-4	274.39	EPI	8.83E-05	2.16E-06	EPI	9.75E-05	EPI	1.14E+00	CRC89	2.25E-02	5.67E-06	WATER 9			8.38E+02	EPI	4.02E+00	EPI	1.63E+01	EPI	1.35E-01	3.62E+00	8.68E+00	2.12E-02	EPI
Dithiane, 1,4-	505-29-3	120.23	EPI	1.72E-03	4.20E-05	EPI	8.00E-01	EPI	1.14E+00	ChemNet	6.82E-02	9.28E-06	WATER 9			1.46E+02	EPI	7.70E-01	EPI	3.00E+03	EPI	4.55E-03	4.96E-01	1.19E+00	1.08E-03	EPI
Diuron	330-54-1	233.1	EPI	2.06E-08	5.04E-10	EPI	6.90E-08	EPI			5.02E-02	5.86E-06	WATER 9			1.09E+02	EPI	2.68E+00	EPI	4.20E+01	EPI	2.74E-02	2.12E+00	5.10E+00	4.66E-03	EPI
Dodine	2439-10-3	287.45	EPI	3.68E-09	9.01E-11	EPI	1.50E-07	EPI			4.36E-02	5.10E-06	WATER 9			2.48E+03	EPI	1.15E+00	EPI	6.30E+02	EPI	1.45E-03	4.28E+00	1.03E+01	2.22E-04	EPI
EPTC	759-94-4	189.32	EPI	6.50E-04	1.59E-05	EPI	2.40E-02	EPI	9.55E-01	CRC89	2.91E-02	6.35E-06	WATER 9			1.64E+02	EPI	3.21E+00	EPI	3.75E+02	EPI	9.74E-02	1.21E+00	2.90E+00	1.84E-02	EPI
Endosulfan	115-29-7	406.92	EPI	2.66E-03	6.50E-05	EPI	6.00E-07	EPI	1.75E+00	CRC89	2.25E-02	5.76E-06	WATER 9			6.76E+03	EPI	3.83E+00	EPI	3.25E-01	EPI	2.22E-02	2.00E+01	4.80E+01	2.86E-03	EPI
Endothall	145-73-3	186.17	EPI	1.57E-14	3.85E-16	EPI	1.57E-10	EPI	1.43E+00	CRC89	3.67E-02	8.18E-06	WATER 9			1.94E+01	EPI	1.91E+00	EPI	1.00E+05	EPI	1.38E-02	1.16E+00	2.78E+00	2.63E-03	EPI
Endrin	72-20-8	380.91	EPI	4.09E-04	1.00E-05	EPI	3.00E-06	EPI			3.62E-02	4.22E-06	WATER 9			2.01E+04	EPI	5.20E+00	EPI	2.50E-01	EPI	2.45E-01	1.43E+01	3.43E+01	3.26E-02	EPI
Epichlorohydrin	106-89-8	92.53	EPI	1.24E-03	3.04E-05	EPI	1.64E+01	EPI	1.18E+00	PERRY	8.89E-02	1.11E-05	WATER 9			9.91E+00	EPI	4.50E-01	EPI	6.59E+04	EPI	3.49E-03	3.47E-01	8.32E-01	9.44E-04	EPI
Epoxybutane, 1,2-	106-88-7	72.11	EPI	7.36E-03	1.80E-04	EPI	1.80E+02	EPI	8.30E-01	CRC89	9.29E-02	1.04E-05	WATER 9			9.91E+00	EPI	8.60E-01	YAWS	9.50E+04	EPI	7.54E-03	2.66E-01	6.40E-01	2.31E-03	EPI
Ethephon	16672-87-0	144.5	EPI	2.33E-10	5.70E-12	EPI	9.80E-08	EPI	1.20E+00	CRC89	5.55E-02	8.57E-06	WATER 9			5.03E+00	EPI	-2.20E-01	EPI	1.00E+06	EPI	8.00E-04	6.78E-01	1.63E+00	1.73E-04	EPI
Ethion	563-12-2	384.46	EPI	1.55E-05	3.79E-07	EPI	1.50E-06	EPI	1.22E+00	CRC89	1.95E-02	4.81E-06	WATER 9			8.82E+02	EPI	5.07E+00	EPI	2.00E+00	EPI	1.92E-01	1.50E+01	3.59E+01	2.55E-02	EPI
Ethoxyethanol Acetate, 2-	111-15-9	132.16	EPI	1.31E-04	3.20E-06	EPI	2.34E+00	EPI	9.74E-01	CRC89	5.70E-02	7.98E-06	WATER 9			4.54E+00	EPI	5.90E-01	YAWS	2.47E+05	EPI	3.10E-03	5.78E-01	1.39E+00	7.00E-04	EPI
Ethoxyethanol, 2-	110-80-5	90.12	EPI	1.92E-05	4.70E-07	EPI	5.31E+00	EPI	9.25E-01	CRC89	8.18E-02	9.73E-06	WATER 9			1.00E+00	EPI	-3.20E-01	EPI	1.00E+06	EPI	1.10E-03	3.36E-01	8.07E-01	3.00E-04	EPI
Ethyl Acetate	141-78-6	88.11	EPI	5.48E-03	1.34E-04	EPI	9.32E+01	EPI	9.00E-01	CRC89	8.23E-02	9.70E-06	WATER 9			5.58E+00	EPI	7.30E-01	EPI	8.00E+04	EPI	5.52E-03	3.28E-01	7.86E-01	1.53E-03	EPI
Ethyl Acrylate	140-88-5	100.12	EPI	1.39E-02	3.39E-04	EPI	3.86E+01	EPI	9.23E-01	CRC89	7.45E-02	9.12E-06	WATER 9			1.07E+01	EPI	1.32E+00	EPI	1.50E+04	EPI	1.25E-02	3.82E-01	9.18E-01	3.24E-03	EPI
Ethyl Chloride (Chloroethane)	75-00-3	64.52	EPI	4.54E-01	1.11E-02	EPI	1.01E+03	EPI	8.90E-01	CRC89	1.04E-01	1.16E-05	WATER 9			2.17E+01	EPI	1.43E+00	EPI	6.71E+03	EPI	1.88E-02	2.42E-01	5.80E-01	6.07E-03	EPI
Ethyl Ether	60-29-7	74.12	EPI	5.03E-02	1.23E-03	EPI	5.38E+02	EPI	7.14E-01	CRC89	8.52E-02	9.36E-06	WATER 9			9.70E+00	EPI	8.90E-01	EPI	6.04E+04	EPI	7.78E-03	2.73E-01	6.56E-01	2.35E-03	EPI
Ethyl Methacrylate	97-63-2	114.15	EPI	2.34E-02	5.73E-04	EPI	2.06E+01	EPI	9.14E-01	CRC89	6.53E-02	8.38E-06	WATER 9			1.67E+01	EPI	1.94E+00	EPI	5.40E+03	EPI	2.87E-02	4.58E-01	1.10E+00	6.98E-03	EPI
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	323.31	EPI	1.82E-05	4.44E-07	EPI	9.50E-07	EPI	1.27E+00	CRC89	2.17E-02	5.47E-06	WATER 9			1.55E+04	EPI	4.78E+00	EPI	3.11E+00	EPI	2.50E-01	6.80E+00	1.63E+01	3.61E-02	EPI
Ethylbenzene	100-41-4	106.17	EPI	3.22E-01	7.88E-03	EPI	9.60E+00	EPI	8.63E-01	CRC89	6.85E-02	8.46E-06	WATER 9			4.46E+02	EPI	3.15E+00	EPI	1.69E+02	EPI	1.95E-01	4.13E-01	9.92E-01	4.93E-02	EPI
Ethylene Cyanohydrin	109-78-4	71.08	EPI	3.07E-07	7.50E-09	EPI	8.02E-02	EPI	1.04E+00	CRC89	1.03E-01	1.20E-05	WATER 9			1.00E+00	EPI	-9.40E-01	EPI	1.00E+06	EPI	4.80E-04	2.63E-01	6.31E-01	1.48E-04	EPI
Ethylene Diamine	107-15-3	60.1	EPI	7.07E-08	1.73E-09	EPI	1.20E+01	EPI	8.98E-01	CRC89	1.09E-01	1.22E-05	WATER 9			1.49E+01	EPI	-2.04E+00	EPI	1.00E+06	EPI	9.48E-05	2.28E-01	5.48E-01	3.18E-05	EPI
Ethylene Glycol	107-21-1	62.07	EPI	2.45E-06	6.00E-08	EPI	9.20E-02	EPI	1.11E+00	CRC89	1.17E-01	1.36E-05	WATER 9			1.00E+00	EPI	-1.36E+00	EPI	1.00E+06	EPI	2.66E-04	2.34E-01	5.62E-01	8.77E-05	EPI
Ethylene Glycol Monobutyl Ether	111-76-2	118.18	EPI	6.54E-05	1.60E-06	EPI	8.80E-01	EPI	9.02E-01	CRC89	6.26E-02	8.14E-06	WATER 9			2.82E+00	EPI	8.30E-01	EPI	1.00E+06	EPI	5.06E-03	4.83E-01	1.16E+00	1.21E-03	EPI
Ethylene Oxide	75-21-8	44.05	EPI	6.05E-03	1.48E-04	EPI	1.31E+03	EPI	8.82E-01	CRC89	1.34E-01	1.45E-05	WATER 9			3.24E+00	EPI	-3.00E-01	EPI	1.00E+06	EPI	1.43E-03	1.86E-01	4.45E-01	5.60E-04	EPI
Ethylene Thiourea	96-45-7	102.15	EPI	1.37E-05	3.36E-07	EPI	2.02E-06	EPI			8.69E-02	1.02E-05	WATER 9			1.30E+01	EPI	-6.60E-01	EPI	2.00E+04	EPI	5.91E-04	3.93E-01	9.42E-01	1.52E-04	EPI
Ethyleneimine	151-56-4	43.07	EPI	4.95E-04	1.21E-05	EPI	2.13E+02	EPI	8.32E-01	CRC89	1.33E-01	1.42E-05	WATER 9			9.04E+00	EPI	-2.80E-01	YAWS	1.00E+06	EPI	1.47E-03	1.83E-01	4.40E-01	5.81E-04	EPI
Ethylphthalyl Ethyl Glycolate	84-72-0	280.28	EPI	3.16E-08	7.73E-10	EPI	2.16E-04	EPI			4.44E-02	5.18E-06	WATER 9			1.02E+03	EPI	2.19E+00	EPI	9.93E+02	EPI	7.66E-03	3.90E+00	9.37E+00	1.19E-03	EPI
Express	101200-48-0	395.39	EPI	4.17E-12	1.02E-13	EPI	3.90E-10	EPI			3.53E-02	4.12E-06	WATER 9			9.47E+01	EPI	2.55E+00	EPI	5.00E+01	EPI	3.58E-03	1.72E+01	4.13E+01	4.68E-04	EPI
Fenamiphos	22224-92-6	303.36	EPI	4.95E-08	1.21E-09	EPI	1.00E-06	EPI	1.15E+00	CRC89	2.14E-02	5.35E-06	WATER 9			3.98E+02	EPI	3.23E+00	EPI	3.29E+02	EPI	2.92E-02	5.26E+00	1.26E+01	4.36E-03	EPI
Fenpropathrin	39515-41-8	349.43	EPI	3.12E-04	7.64E-06	EPI	5.48E-06	EPI			3.83E-02	4.47E-06	WATER 9			2.25E+04	EPI	5.70E+00	EPI	3.30E-01	EPI	1.20E+00	9.52E+00	3.71E+01	1.67E-01	EPI
Fluometuron	2164-17-2	232.21	EPI	1.07E-07	2.61E-09	EPI	9.38E-07	EPI			5.03E-02	5.88E-06	WATER 9			2.85E+02	EPI	2.42E+00	EPI	1.10E+02	EPI	1.85E-02	2.10E+00	5.04E+00	3.16E-03	EPI
Fluoride	16984-48-8	38	EPI											1.50E+02	BAES					1.69E+00	EPI	2.37E-03	1.72E-01	4.12E-01	1.00E-03	RAGSE
Fluorine (Soluble Fluoride)	7782-41-4	38	EPI						1.55E+00	CRC89				1.50E+02	BAES					1.69E+00	EPI	2.37E-03	1.72E-01	4.12E-01	1.00E-03	RAGSE
Fluridone	59756-60-4	329.32	EPI	3.31E-07	8.10E-09	EPI	9.75E-08	EPI			3.98E-02	4.66E-06	WATER 9			5.68E+04	EPI	3.16E+00	EPI	1.20E+01	EPI	1.95E-02	7.35E+00	1.76E+01	2.80E-03	EPI
Flurprimidol	56425-91-3	312.29	EPI	5.36E-08	1.31E-09	EPI	3.64E-07	EPI			4.13E-02	4.82E-06	WATER 9			2.19E+03	EPI	3.34E+00	EPI	1.14E+02	EPI	3.12E-02	5.90E+00	1.42E+01	4.59E-03	EPI
Flutolanil	66332-96-5	323.32	EPI	1.30E-07	3.18E-09	EPI	4.88E-08	EPI			4.03E-02	4.71E-06	WATER 9			2.56E+03	EPI	3.70E+00	EPI	6.53E+00	EPI	4.78E-02	6.80E+00	1.63E+01	6.91E-03	EPI
Fluvalinate	69409-94-5	502.92	EPI	5.93E-07	1.45E-08	EPI	2.02E-08	EPI			3.00E-02	3.51E-06	WATER 9			7.30E+05	EPI	6.81E+00	EPI	5.00E-03	EPI	6.83E-01	6.89E+01	2.69E+02	7.92E-02	EPI
Folpet	133-07-3	296.56	EPI	3.13E-06	7.66E-08	EPI	1.57E-07	EPI			4.27E-02	4.99E-06	WATER 9			1.77E+01	EPI	2.85E+00	EPI	8.00E-01	EPI	1.76E-02	4.81E+00	1.16E+01	2.66E-03	EPI
Fomesafen	72178-02-0	438.76	EPI	3.08E-11	7.53E-13	EPI	7.50E-07	EPI	1.28E+00	CRC89	1.86E-02	4.57E-06	WATER 9			1.55E+03	EPI	2.90E+00	EPI	5.00E+01	EPI	3.68E-03	3.01E+01	7.23E+01	4.57E-04	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Fonofos	944-22-9	246.32	EPI	2.85E-04	6.98E-06	EPI	3.38E-04	EPI	1.16E+00	CRC89	2.40E-02	6.10E-06	WATER 9			8.56E+02	EPI	3.94E+00	EPI	1.57E+01	EPI	1.63E-01	2.52E+00	6.05E+00	2.70E-02	EPI
Formaldehyde	50-00-0	30.03	EPI	1.38E-05	3.37E-07	EPI	3.89E+03	EPI	8.15E-01	CRC89	1.67E-01	1.74E-05	WATER 9			1.00E+00	EPI	3.50E-01	EPI	4.00E+05	EPI	3.84E-03	1.55E-01	3.72E-01	1.82E-03	EPI
Formic Acid	64-18-6	46.03	EPI	6.83E-06	1.67E-07	EPI	4.26E+01	EPI	1.22E+00	CRC89	1.48E-01	1.72E-05	WATER 9			1.00E+00	EPI	-5.40E-01	EPI	1.00E+06	EPI	9.86E-04	1.90E-01	4.57E-01	3.78E-04	EPI
Fosetyl-AL	39148-24-8	354.11	EPI				2.04E-09	EPI			3.80E-02	4.44E-06	WATER 9			6.49E+03	EPI	-2.40E+00	EPI	1.11E+05	EPI	2.97E-06	1.01E+01	2.43E+01	4.10E-07	EPI
Furans																										
~Dibenzofuran	132-64-9	168.2	EPI	8.71E-03	2.13E-04	EPI	2.48E-03	EPI	1.09E+00	CRC89	4.10E-02	7.38E-06	WATER 9			9.16E+03	EPI	4.12E+00	EPI	3.10E+00	EPI	4.86E-01	9.20E-01	2.21E+00	9.75E-02	EPI
~Furan	110-00-9	68.08	EPI	2.21E-01	5.40E-03	EPI	6.00E+02	EPI	9.51E-01	CRC89	1.03E-01	1.17E-05	WATER 9			8.00E+01	EPI	1.34E+00	EPI	1.00E+04	EPI	1.60E-02	2.53E-01	6.07E-01	5.05E-03	EPI
~Tetrahydrofuran	109-99-9	72.11	EPI	2.88E-03	7.05E-05	EPI	1.62E+02	EPI	8.83E-01	CRC89	9.54E-02	1.08E-05	WATER 9			1.08E+01	EPI	4.60E-01	EPI	1.00E+06	EPI	4.08E-03	2.66E-01	6.40E-01	1.25E-03	EPI
Furazolidone	67-45-8	225.16	EPI	1.33E-09	3.26E-11	EPI	1.03E-07	EPI			5.13E-02	6.00E-06	WATER 9			8.58E+02	EPI	-4.00E-02	EPI	4.00E+01	EPI	4.63E-04	1.92E+00	4.60E+00	8.03E-05	EPI
Furfural	98-01-1	96.09	EPI	1.54E-04	3.77E-06	EPI	2.21E+00	EPI	1.16E+00	CRC89	8.53E-02	1.07E-05	WATER 9			6.08E+00	EPI	4.10E-01	EPI	7.41E+04	EPI	3.20E-03	3.63E-01	8.71E-01	8.48E-04	EPI
Furium	531-82-8	253.23	EPI	5.44E-14	1.33E-15	EPI	8.82E-09	EPI			4.75E-02	5.55E-06	WATER 9			5.78E+02	EPI	1.80E+00	EPI	4.21E+03	EPI	5.72E-03	2.75E+00	6.61E+00	9.35E-04	EPI
Furmecyclox	60568-05-0	251.33	EPI	2.82E-07	6.89E-09	EPI	8.37E-05	EPI			4.77E-02	5.57E-06	WATER 9			4.29E+02	EPI	4.38E+00	EPI	3.00E-01	EPI	3.04E-01	2.69E+00	6.45E+00	4.99E-02	EPI
Glufosinate, Ammonium	77182-82-2	198.16	EPI	1.03E-22	2.53E-24	EPI	9.13E-12	EPI			5.59E-02	6.53E-06	WATER 9			1.00E+01	EPI	-5.34E+00	EPI	1.37E+06	EPI	1.85E-07	1.35E+00	3.25E+00	3.42E-08	EPI
Glutaraldehyde	111-30-8	100.12	EPI	9.77E-07	2.39E-08	EPI	6.00E-01	EPI			8.81E-02	1.03E-05	WATER 9			1.00E+00	EPI	-1.80E-01	EPI	7.10E+05	EPI	1.25E-03	3.82E-01	9.18E-01	3.25E-04	EPI
Glycidyl	765-34-4	72.06	EPI	3.21E-05	7.84E-07	EPI	2.18E+01	EPI	1.14E+00	CRC89	1.06E-01	1.26E-05	WATER 9			1.00E+00	EPI	-1.20E-01	EPI	1.00E+06	EPI	1.68E-03	2.66E-01	6.39E-01	5.16E-04	EPI
Glyphosate	1071-83-6	169.07	EPI	8.59E-11	2.10E-12	EPI	9.80E-08	EPI			6.21E-02	7.26E-06	WATER 9			2.10E+03	USDA ARS	-3.40E+00	EPI	1.05E+04	EPI	2.27E-07	9.30E-01	2.23E+00	4.54E-08	EPI
Goal	42874-03-3	361.71	EPI	3.35E-05	8.20E-07	EPI	2.00E-07	EPI	1.35E+00	CRC89	2.11E-02	5.30E-06	WATER 9			3.99E+04	EPI	4.73E+00	EPI	1.16E-01	EPI	1.49E-01	1.12E+01	2.68E+01	2.04E-02	EPI
Guanidine	113-00-8	59.07	EPI	9.56E-10	2.34E-11	EPI	2.21E+00	EPI	1.55E+00	GuideChem	1.38E-01	1.71E-05	WATER 9			1.20E+01	EPI	-1.63E+00	EPI	1.84E+03	EPI	1.78E-04	2.25E-01	5.41E-01	6.03E-05	EPI
Guanidine Chloride	50-01-1	95.53	EPI	7.31E-17	1.79E-18	EPI	2.38E-06	EPI	1.35E+00	CRC89	9.16E-02	1.18E-05	WATER 9					-1.70E+00	OTHER	1.00E+06	EPI	1.45E-07	3.60E-01	8.65E-01	3.86E-08	EPI
Guthion	86-50-0	317.32	EPI	9.77E-07	2.39E-08	EPI	1.60E-06	EPI	1.44E+00	CRC89	2.33E-02	5.96E-06	WATER 9			5.19E+01	EPI	2.75E+00	EPI	2.09E+01	EPI	1.20E-02	6.29E+00	1.51E+01	1.75E-03	EPI
Haloxyfop, Methyl	69806-40-2	375.73	EPI	1.30E-05	3.19E-07	EPI	6.00E-06	EPI			3.65E-02	4.26E-06	WATER 9			5.45E+03	EPI	4.07E+00	EPI	9.30E+00	EPI	4.47E-02	1.34E+01	3.21E+01	6.00E-03	EPI
Harmony	79277-27-3	387.39	EPI	1.67E-12	4.08E-14	EPI	1.28E-10	EPI			3.58E-02	4.18E-06	WATER 9			5.08E+01	EPI	1.56E+00	EPI	2.24E+03	EPI	8.63E-04	1.55E+01	3.73E+01	1.14E-04	EPI
Heptachlor	76-44-8	373.32	EPI	1.20E-02	2.94E-04	EPI	4.00E-04	EPI	1.57E+00	CRC89	2.23E-02	5.70E-06	WATER 9			4.13E+04	EPI	6.10E+00	EPI	1.80E-01	EPI	1.06E+00	1.30E+01	5.01E+01	1.43E-01	EPI
Heptachlor Epoxide	1024-57-3	389.32	EPI	8.59E-04	2.10E-05	EPI	1.95E-05	EPI	1.91E+00	LookChem	2.40E-02	6.25E-06	WATER 9			1.01E+04	EPI	4.98E+00	EPI	2.00E-01	EPI	1.59E-01	1.59E+01	3.82E+01	2.09E-02	EPI
Hexabromobenzene	87-82-1	551.49	EPI	1.15E-03	2.81E-05	EPI	1.68E-08	EPI	2.96E+00	LookChem	2.48E-02	6.59E-06	WATER 9			2.81E+03	EPI	6.07E+00	EPI	1.60E-04	EPI	1.23E-01	1.29E+02	3.09E+02	1.36E-02	EPI
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	643.5836	OTHER				5.80E-06	IRIS			2.55E-02	2.98E-06	WATER 9							9.00E-04	IRIS		4.23E+02	1.01E+03		
Hexachlorobenzene	118-74-1	284.78	EPI	6.95E-02	1.70E-03	EPI	1.80E-05	EPI	2.04E+00	CRC89	2.90E-02	7.85E-06	WATER 9			6.20E+03	EPI	5.73E+00	EPI	6.20E-03	EPI	1.65E+00	4.14E+00	1.66E+01	2.54E-01	EPI
Hexachlorobutadiene	87-68-3	260.76	EPI	4.21E-01	1.03E-02	EPI	2.20E-01	EPI	1.56E+00	CRC89	2.67E-02	7.03E-06	WATER 9			8.45E+02	EPI	4.78E+00	EPI	3.20E+00	EPI	5.03E-01	3.03E+00	7.28E+00	8.10E-02	EPI
Hexachlorocyclohexane, Alpha-	319-84-6	290.83	EPI	2.10E-04	5.14E-06	EPI	3.52E-05	EPI			4.33E-02	5.06E-06	WATER 9			2.81E+03	EPI	3.80E+00	EPI	2.00E+00	EPI	1.35E-01	4.47E+00	1.07E+01	2.06E-02	EPI
Hexachlorocyclohexane, Beta-	319-85-7	290.83	EPI	2.10E-04	5.14E-06	EPI	3.52E-05	EPI	1.89E+00	CRC89	2.77E-02	7.40E-06	WATER 9			2.81E+03	EPI	3.78E+00	EPI	2.40E-01	EPI	1.35E-01	4.47E+00	1.07E+01	2.06E-02	EPI
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	290.83	EPI	2.10E-04	5.14E-06	EPI	4.20E-05	EPI			4.33E-02	5.06E-06	WATER 9			2.81E+03	EPI	3.72E+00	EPI	7.30E+00	EPI	1.35E-01	4.47E+00	1.07E+01	2.06E-02	EPI
Hexachlorocyclohexane, Technical	608-73-1	290.83	EPI	2.10E-04	5.14E-06	EPI	3.52E-05	EPI			4.33E-02	5.06E-06	WATER 9			2.81E+03	EPI	4.14E+00	EPI	8.00E+00	EPI	1.35E-01	4.47E+00	1.07E+01	2.06E-02	EPI
Hexachlorocyclopentadiene	77-47-4	272.77	EPI	1.10E+00	2.70E-02	EPI	6.00E-02	EPI	1.70E+00	CRC89	2.72E-02	7.22E-06	WATER 9			1.40E+03	EPI	5.04E+00	EPI	1.80E+00	EPI	6.54E-01	3.54E+00	1.39E+01	1.03E-01	EPI
Hexachloroethane	67-72-1	236.74	EPI	1.59E-01	3.89E-03	EPI	2.10E-01	EPI	2.09E+00	CRC89	3.21E-02	8.89E-06	WATER 9			1.97E+02	EPI	4.14E+00	EPI	5.00E+01	EPI	2.46E-01	2.23E+00	5.34E+00	4.15E-02	EPI
Hexachlorophene	70-30-4	406.91	EPI	2.24E-11	5.48E-13	EPI	8.31E-11	EPI			3.46E-02	4.04E-06	WATER 9			6.69E+05	EPI	7.54E+00	EPI	1.40E+02	EPI	6.49E+00	2.00E+01	8.88E+01	8.36E-01	EPI
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	222.12	EPI	8.22E-10	2.01E-11	EPI	4.10E-09	EPI	1.82E+00	CRC89	3.12E-02	8.50E-06	WATER 9			8.91E+01	EPI	8.70E-01	EPI	5.97E+01	EPI	1.93E-03	1.84E+00	4.43E+00	3.36E-04	EPI
Hexamethylene Diisocyanate, 1,6-	822-06-0	168.2	EPI	1.96E-03	4.80E-05	EPI	2.08E-02	EPI	1.05E+00	CRC89	4.04E-02	7.23E-06	WATER 9			4.82E+03	EPI	3.20E+00	EPI	1.79E+02	EPI	1.18E-01	9.20E-01	2.21E+00	2.37E-02	EPI
Hexamethylphosphoramide	680-31-9	179.2	EPI	2.92E-10	7.13E-12	EPI	4.60E-02	EPI	1.03E+00	CRC89	3.48E-02	6.87E-06	WATER 9			1.00E+01	EPI	2.80E-01	EPI	1.00E+06	EPI	1.22E-03	1.06E+00	2.54E+00	2.37E-04	EPI
Hexane, N-	110-54-3	86.18	EPI	7.36E+01	1.80E+00	EPI	1.51E+02	EPI	6.61E-01	CRC89	7.31E-02	8.17E-06	WATER 9			1.32E+02	EPI	3.90E+00	EPI	9.50E+00	EPI	7.18E-01	3.19E-01	1.24E+00	2.01E-01	EPI
Hexanedioic Acid	124-04-9	146.14	EPI	1.93E-10	4.71E-12	EPI	3.18E-07	EPI	1.36E+00	CRC89	5.77E-02	9.17E-06	WATER 9			2.43E+01	EPI	8.00E-02	EPI	3.08E+04	EPI	1.25E-03	6.92E-01	1.66E+00	2.68E-04	EPI
Hexanone, 2-	591-78-6	100.16	EPI	3.81E-03	9.32E-05	EPI	1.16E+01	EPI	8.11E-01	CRC89	7.04E-02	8.44E-06	WATER 9			1.50E+01	EPI	1.38E+00	EPI	1.72E+04	EPI	1.37E-02	3.83E-01	9.18E-01	3.55E-03	EPI
Hexazinone	51235-04-2	252.32	EPI	9.24E-11	2.26E-12	EPI	2.25E-07	EPI	1.25E+00	CRC89	2.46E-02	6.28E-06	WATER 9			1.29E+02	EPI	1.85E+00	EPI	3.30E+04	EPI	6.23E-03	2.72E+00	6.53E+00	1.02E-03	EPI
Hydrazine	302-01-2	32.05	EPI	2.50E-05	6.10E-07	PubChem	1.44E+01	EPI	1.00E+00	CRC89	1.73E-01	1.90E-05	WATER 9					-2.07E+00	EPI	1.00E+06	EPI	9.50E-05	1.59E-01	3.82E-01	4.36E-05	RAGSE
Hydrazine Sulfate	10034-93-2	128.1	EPI						1.38E+00	CRC89										3.06E+04	PERRY	4.35E-03	5.49E-01	1.32E+00	1.00E-03	RAGSE
Hydrogen Chloride	7647-01-0	35.45	EPI	8.34E+07	2.04E+06	HSDB	3.54E+04	PubChem	1.49E+00	CRC89	1.88E-01	2.27E-05	WATER 9							6.73E+05	HSDB	2.29E-03	1.66E-01	3.99E-01	1.00E-03	RAGSE
Hydrogen Fluoride	7664-39-3	20.006	CRC89	4.25E-03	1.04E-04	PHYSPROP	9.17E+02	PHYSPROP	8.18E-01	CRC89	2.19E-01	2.23E-05	WATER 9					2.30E-01	OTHER	1.00E+06	PHYSPROP	1.72E-03	1.36E-01	3.27E-01	1.00E-03	RAGSE
Hydrogen Sulfide	7783-06-4	34.081	CRC89	3.50E-01	8.56E-03	PhysProp	1.56E+04	PhysProp	1.39E+00	CRC89	1.88E-01	2.23E-05	WATER 9					2.30E-01	OTHER	4.37E+06	PERRY	2.25E-03	1.63E-01	3.92E-01	1.00E-03	RAGSE
Hydroquinone	123-31-9	110.11	EPI	1.93E-09	4.73E-11	EPI	2.40E-05	EPI	1.33E+00	CRC89	7.98E-02	1.07E-05	WATER 9			2.41E+02	EPI	5.90E-01	EPI	7.20E+04	EPI	3.76E-03	4.35E-01	1.04E+00	9.31E-04	EPI
Imazalil	35554-44-0	297.19	EPI	1.06E-07	2.59E-09	EPI	1.19E-06	EPI	1.24E+00	CRC89	2.25E-02	5.68E-06	WATER 9			8.50E+03	EPI	3.82E+00	EPI	1.80E+02	EPI	7.69E-02	4.85E+00	1.16E+01	1.16E-02	EPI
Imazaquin	81335-37-7	311.34	EPI	2.83E-16	6.91E-18	EPI	3.39E-13	EPI			4.14E-02	4.83E-06	WATER 9			2.39E+03	EPI	1.86E+00	EPI	9.00E+01	EPI	3.28E-03	5.83E+00	1.40E+01	4.83E-04	EPI
Iodine	7553-56-2	253.81	EPI				2.33E-01	EPI	4.93E+00	CRC89				6.00E+01	BAES					3.30E+02	EPI	6.13E-03	2.77E+00	6.66E+00	1.00E-03	RAGSE
Iprodione	36734-19-7	330.17	EPI	1.28E-07	3.12E-09	EPI	3.75E-09	EPI			3.98E-02	4.65E-06	WATER 9			5.25E+01	EPI	3.00E+00	EPI	1.39E+01	EPI	1.52E-02	7.43E+00	1.78E+01	2.17E-03	EPI
Iron	7439-89-6	55.85	EPI				0.00E+00	NIOSH	7.87E+00	CRC89				2.50E+01	BAES							2.87E-03	2.16E-01	5.19E-01	1.00E-03	RAGSE
Isobutyl Alcohol	78-83-1	74.12	EPI	4.00E-04	9.78E-06	EPI	1.05E+01	EPI	8.02E-01	CRC89	8.97E-02	1.00E-05	WATER 9			2.92E+00	EPI	7.60E-01	EPI	8.50E+04	EPI	6.36E-03	2.73E-01	6.56E-01	1.92E-03	EPI
Isophorone	78-59-1	138.21	EPI	2.72E-04	6.64E-06	EPI	4.38E-01	EPI	9.26E-01	CRC89	5.25E-02	7.53E-06	WATER 9			6.52E+01	EPI	1.70E+00	EPI	1.20E+04	EPI	1.60E-02	6.25E-01	1.50E+00	3.54E-03	EPI
Isopropalin	33820-53-0	309.37	EPI	4.54E-03	1.11E-04	EPI	3.00E-05	EPI	1.16E+00	ChemNet	2.13E-02	5.31E-06	WATER 9			1.14E+04	EPI	5.80E+00	EPI	1.10E-01	EPI	1.40E+00	5.68E+00	2.24E+01	2.07E-01	EPI
Isopropanol	67-63-0	60.1	EPI	3.31E-04	8.10E-06	EPI	4.54E+01	EPI	7.81E-01	CRC89	1.03E-01	1.12E-05	WATER 9			1.53E+00	EPI	5.00E-02	EPI	1.00E+06	EPI	2.32E-03	2.28E-01	5.48E-01	7.78E-04	EPI
Isopropyl Methyl Phosphonic Acid	1832-54-8	138.1	EPI	2.81E-07	6.88E-09	EPI	1.19E-02	EPI			7.11E-02	8.31E-06	WATER 9			7.71E+00	EPI	2.70E-01	EPI	1.00E+06	EPI	1.79E-03	6.24E-01	1.50E+00	3.96E-04	EPI
Isoxaben	82558-50-7	332.4	EPI	5.19E-08	1.27E-09	EPI	4.13E-09	EPI			3.96E-02	4.63E-06	WATER 9			1.26E+03	EPI	3.94E+00	EPI	1.42E+00	EPI	6.22E-02	7.64E+00	1.83E+01	8.87E-03	EPI
JP-7	NA			4.09E-01	1.00E-02	US EPA HCD	1.05E+01	US EPA HCD	7.79E-01	ATSDR								8.00E+00	OTHER	1.04E+01	US EPA HCD					
Kerb	23950-58-5	256.13	EPI	3.99E-07	9.77E-09	EPI	4.35E-07	EPI			4.71E-02	5.50E-06	WATER 9			4.05E+02	EPI	3.43E+00	EPI	1.50E+01	EPI	6.71E-02	2.86E+00	6.86E+00	1.09E-02	EPI
Lactofen	77501-63-4	461.78	EPI	1.93E-05	4.72E-07	EPI	7.00E-08	EPI			3.18E-02	3.72E-06	WATER 9			2.30E+04	EPI	4.81E+00	EPI	1.00E-01	EPI	5.22E-02	4.05E+01	9.73E+01	6.31E-03	EPI
Lead Compounds																										
~Lead Chromate	7758-97-6	323.2	CRC89						6.12E+00	CRC89										1.70E-01	CRC89	6.91E-03	6.79E+00	1.63E+01	1.00E-03	RAGSE
~Lead Phosphate	7446-27-7	811.5	CRC89						7.01E+00	CRC89										0.00E+00	CRC89	1.10E-02	3.68E+03	8.84E+03	1.00E-03	RAGSE
~Lead acetate	301-04-2	325.29	EPI				0.00E+00	EPI	3.25E+00	CRC89	3.34E-02	9.57E-06	WATER 9			1.00E+00	EPI	-8.00E-02	EPI	4.43E+05	CRC89	1.44E-04	6.97E+00	1.67E+01	2.08E-05	EPI
~Lead and Compounds	7439-92-1	207.2	EPI				0.00E+00	NIOSH	1.13E+01	CRC89				9.00E+02	BAES							5.54E-04	1.52E+00	3.65E+00	1.00E-04	RAGSE
~Lead subacetate	1335-32-6	805.7	EPI				2.98E-10	EPI			2.19E-02	2.56E-06	WATER 9			1.04E+01	EPI	-4.00E+00	EPI	6.30E+04	CRC89	1.12E-09	3.42E+03	8.20E+03	1.03E-10	EPI
~Tetraethyl Lead	78-00-2	323.45	EPI	2.32E+01	5.68E-01	EPI	2.60E-01	EPI	1.65E+00	CRC89	2.46E-02	6.40E-06	WATER 9			6.48E+02	EPI	4.15E+00	EPI	2.90E-01	EPI	9.48E-02	6.81E+00	1.63E+01	1.37E-02	EPI
Linuron	330-55-2	249.1	EPI	2.56E-07	6.25E-09	EPI	1.43E-06	EPI			4.80E-02	5.61E-06	WATER 9			3.40E+02	EPI	3.20E+00	EPI	7.50E+01	EPI	5.09E-02	2.61E+00	6.27E+00	8.39E-03	EPI
Lithium	7439-93-2	6.94	EPI						5.34E-01	CRC89				3.00E+02	BAES							1.01E-03	1.15E-01	2.76E-01	1.00E-03	RAGSE
Londax	83055-99-6	410.4	EPI	1.55E-13	3.78E-15	EPI	2.10E-14	EPI			3.44E-02	4.02E-06	WATER 9			2.78E+01	EPI	2.18E+00	EPI	1.20E+02	EPI	1.71E-03	2.09E+01	5.02E+01	2.19E-04	EPI
MCPA	94-74-6	200.62	EPI	5.44E-08	1.33E-09	EPI	5.90E-06	EPI	1.56E+00	PubChem	3.06E-02	8.24E-06	WATER 9			2.96E+01	EPI	3.25E+00	EPI	6.30E+02	EPI	9.21E-02	1.40E+00	3.35E+00	1.69E-02	EPI
MCPB	94-81-5	228.68	EPI	1.11E-07	2.71E-09	EPI	4.33E-07	EPI			5.08E-02	5.94E-06	WATER 9			9.84E+01	EPI	3.50E+00	EPI	4.80E+01	EPI	1.01E-01	2.01E+00	4.82E+00	1.73E-02	EPI
MCPP	93-65-2	214.65	EPI	7.44E-07	1.82E-08	EPI	4.56E-04	EPI	1.28E+00	PubChem	2.70E-02	7.02E-06	WATER 9			4.85E+01	EPI	3.13E+00	EPI	6.20E+02	EPI	7.38E-02	1.67E+00	4.02E+00	1.31E-02	EPI
Malathion	121-75-5	330.35	EPI	2.00E-07	4.89E-09	EPI	3.38E-06	EPI	1.21E+00	CRC89	2.10E-02	5.24E-06	WATER 9			3.13E+01	EPI	2.36E+00	EPI	1.43E+02	EPI	5.68E-03	7.44E+00	1.79E+01	8.12E-04	EPI
Maleic Anhydride	108-31-6	98.06	EPI	1.61E-04	3.93E-06	EPI	2.50E-01	EPI	1.31E+00	CRC89	8.84E-02	1.14E-05	WATER 9			1.00E+00	EPI	1.62E+00	YAWS	1.63E+05	PERRY	2.00E-02	3.72E-01	8.94E-01	5.25E-03	EPI
Maleic Hydrazide	123-33-1	112.09	EPI	1.08E-09	2.65E-11	EPI	3.68E-08	EPI			8.17E-02	9.55E-06	WATER 9			3.30E+00	EPI	-8.40E-01	EPI	4.51E+03	EPI	4.15E-04	4.46E-01	1.07E+00	1.02E-04	EPI
Malononitrile	109-77-3	66.06	EPI	5.36E-06	1.31E-07	EPI	2.00E-01	EPI	1.19E+00	CRC89	1.15E-01	1.36E-05	WATER 9			3.33E+00	EPI	-6.00E-01	EPI	1.33E+05	EPI	8.32E-04	2.46E-01	5.92E-01	2.66E-04	EPI
Mancozeb	8018-01-7	541.03	OTHER	6.21E-10	1.52E-11	PhysProp	1.32E-10	PhysProp	1.92E+00	PubChem	2.04E-02	5.14E-06	WATER 9					1.33E+00	EPI	6.20E+00	USDA ARS	6.90E-03	1.13E+02	2.70E+02	7.71E-04	EPI
Maneb	12427-38-2	265.302	CRC89	2.31E-05	5.64E-07	EPI	7.50E-08	EPI			4.60E-02	5.38E-06	WATER 9			6.08E+02	EPI	6.20E-01	EPI	6.00E+00	USDA ARS	4.83E-03	3.22E+00	7.72E+00	7.71E-04	EPI
Manganese (Diet)	7439-96-5	54.94	EPI				0.00E+00	NIOSH	7.30E+00	CRC89				6.50E+01	BAES							2.85E-03	2.14E-01	5.13E-01	1.00E-03	RAGSE
Manganese (Non-diet)	7439-96-5	54.94	EPI				0.00E+00	NIOSH	7.30E+00	CRC89				6.50E+01	BAES							2.85E-03	2.14E-01	5.13E-01	1.00E-03	RAGSE

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Mephosfolan	950-10-7	269.32	EPI	4.87E-09	1.19E-10	EPI	3.18E-05	EPI			4.56E-02	5.32E-06	WATER 9			6.36E+02	EPI	1.04E+00	EPI	5.70E+01	EPI	1.50E-03	3.39E+00	8.13E+00	2.37E-04	EPI
Mepiquat Chloride	24307-26-4	149.67	EPI	1.76E-10	4.31E-12	EPI	3.71E-07	EPI			6.74E-02	7.88E-06	WATER 9			6.62E+01	EPI	-2.82E+00	EPI	5.00E+05	EPI	1.43E-05	7.24E-01	1.74E+00	3.03E-06	EPI
Mercury Compounds																										
~Mercuric Chloride (and other Mercury salts)	7487-94-7	271.5	EPI						5.60E+00	CRC89								-2.20E-01	EPI	6.90E+04	EPI	6.34E-03	3.49E+00	8.36E+00	1.00E-03	RAGSE
~Mercury (elemental)	7439-97-6	200.59	EPI	4.67E-01	1.14E-02	SSL	1.96E-03	EPI	1.35E+01	CRC89	3.07E-02	6.30E-06	WATER 9	5.20E+01	SSL			6.20E-01	EPI	6.00E-02	EPI	5.45E-03	1.40E+00	3.35E+00	1.00E-03	RAGSE
~Methyl Mercury	22967-92-6	216.6326	OTHER																			5.66E-03	1.72E+00	4.12E+00	1.00E-03	RAGSE
~Phenylmercuric Acetate	62-38-4	336.74	EPI	2.31E-08	5.66E-10	EPI	6.00E-06	EPI			3.93E-02	4.59E-06	WATER 9			5.64E+01	EPI	7.10E-01	EPI	4.37E+03	EPI	4.23E-04	8.08E+00	1.94E+01	5.99E-05	EPI
Merphos	150-50-5	298.5	EPI	9.28E-04	2.27E-05	EPI	1.33E-05	EPI	1.02E+00	CRC89	2.04E-02	5.03E-06	WATER 9			4.90E+04	EPI	7.67E+00	EPI	9.97E-04	EPI	2.76E+01	4.94E+00	2.29E+01	4.15E+00	EPI
Merphos Oxide	78-48-8	314.5	EPI	1.20E-05	2.94E-07	EPI	5.30E-06	EPI	1.06E+00	CRC89	2.02E-02	4.98E-06	WATER 9			2.35E+03	EPI	5.70E+00	EPI	2.30E+00	EPI	1.13E+00	6.07E+00	2.36E+01	1.65E-01	EPI
Metalaxyl	57837-19-1	279.34	EPI	1.21E-07	2.95E-09	EPI	2.48E-05	EPI			4.45E-02	5.20E-06	WATER 9			3.86E+01	EPI	1.65E+00	EPI	8.40E+03	EPI	3.73E-03	3.86E+00	9.25E+00	5.80E-04	EPI
Methacrylonitrile	126-98-7	67.09	EPI	1.01E-02	2.47E-04	EPI	7.12E+01	EPI	8.00E-01	CRC89	9.64E-02	1.06E-05	WATER 9			1.31E+01	EPI	6.80E-01	EPI	2.54E+04	EPI	5.86E-03	2.50E-01	5.99E-01	1.86E-03	EPI
Methamidophos	10265-92-6	141.13	EPI	3.55E-08	8.68E-10	EPI	3.53E-05	EPI	1.31E+00	CRC89	5.96E-02	9.16E-06	WATER 9			5.41E+00	EPI	-8.00E-01	EPI	1.00E+06	EPI	3.40E-04	6.49E-01	1.56E+00	7.44E-05	EPI
Methanol	67-56-1	32.04	EPI	1.86E-04	4.55E-06	EPI	1.27E+02	EPI	7.91E-01	CRC89	1.58E-01	1.65E-05	WATER 9			1.00E+00	EPI	-7.70E-01	EPI	1.00E+06	EPI	6.95E-04	1.59E-01	3.81E-01	3.19E-04	EPI
Methidathion	950-37-8	302.32	EPI	2.93E-07	7.17E-09	EPI	3.37E-06	EPI			4.22E-02	4.93E-06	WATER 9			2.12E+01	EPI	2.20E+00	EPI	1.87E+02	EPI	6.11E-03	5.19E+00	1.24E+01	9.13E-04	EPI
Methomyl	16752-77-5	162.21	EPI	8.05E-10	1.97E-11	EPI	5.40E-06	EPI	1.29E+00	CRC89	4.76E-02	8.37E-06	WATER 9			1.00E+01	EPI	6.00E-01	EPI	5.80E+04	EPI	2.36E-03	8.52E-01	2.04E+00	4.82E-04	EPI
Methoxy-5-nitroaniline, 2-	99-59-2	168.15	EPI	6.01E-07	1.47E-08	EPI	1.91E-04	EPI	1.21E+00	CRC89	4.30E-02	7.85E-06	WATER 9			7.13E+01	EPI	1.47E+00	EPI	1.15E+02	EPI	8.43E-03	9.19E-01	2.21E+00	1.69E-03	EPI
Methoxychlor	72-43-5	345.66	EPI	8.30E-06	2.03E-07	EPI	4.17E-05	EPI	1.41E+00	CRC89	2.21E-02	5.59E-06	WATER 9			2.69E+04	EPI	5.08E+00	EPI	1.00E-01	EPI	3.06E-01	9.07E+00	2.18E+01	4.28E-02	EPI
Methoxyethanol Acetate, 2-	110-49-6	118.13	EPI	1.27E-05	3.11E-07	EPI	2.00E+00	EPI	1.01E+00	CRC89	6.58E-02	8.71E-06	WATER 9			2.49E+00	EPI	1.00E-01	EPI	1.00E+06	EPI	1.66E-03	4.82E-01	1.16E+00	3.96E-04	EPI
Methoxyethanol, 2-	109-86-4	76.1	EPI	1.35E-05	3.30E-07	EPI	9.50E+00	EPI	9.65E-01	CRC89	9.52E-02	1.10E-05	WATER 9			1.00E+00	EPI	-7.70E-01	EPI	1.00E+06	EPI	6.04E-04	2.81E-01	6.73E-01	1.80E-04	EPI
Methyl Acetate	79-20-9	74.08	EPI	4.70E-03	1.15E-04	EPI	2.16E+02	EPI	9.34E-01	CRC89	9.58E-02	1.10E-05	WATER 9			3.06E+00	EPI	1.80E-01	EPI	2.43E+05	EPI	2.62E-03	2.73E-01	6.56E-01	7.92E-04	EPI
Methyl Acrylate	96-33-3	86.09	EPI	8.14E-03	1.99E-04	EPI	8.66E+01	EPI	9.54E-01	CRC89	8.60E-02	1.02E-05	WATER 9			5.84E+00	EPI	8.00E-01	EPI	4.94E+04	EPI	6.25E-03	3.19E-01	7.66E-01	1.75E-03	EPI
Methyl Ethyl Ketone (2-Butanone)	78-93-3	72.11	EPI	2.33E-03	5.69E-05	EPI	9.06E+01	EPI	8.00E-01	CRC89	9.14E-02	1.02E-05	WATER 9			4.51E+00	EPI	2.90E-01	EPI	2.23E+05	EPI	3.14E-03	2.66E-01	6.40E-01	9.62E-04	EPI
Methyl Hydrazine	60-34-4	46.07	EPI	1.29E-06	3.16E-08	EPI	5.00E+01	EPI	8.66E-01	LANGE	1.29E-01	1.40E-05	WATER 9			1.33E+01	EPI	-1.05E+00	EPI	1.00E+06	EPI	4.52E-04	1.90E-01	4.57E-01	1.73E-04	EPI
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	100.16	EPI	5.64E-03	1.38E-04	EPI	1.99E+01	EPI	7.97E-01	CRC89	6.98E-02	8.35E-06	WATER 9			1.26E+01	EPI	1.31E+00	EPI	1.90E+04	EPI	1.23E-02	3.83E-01	9.18E-01	3.19E-03	EPI
Methyl Isocyanate	624-83-9	57.05	EPI	3.79E-02	9.26E-04	EPI	3.48E+02	EPI	9.59E-01	CRC89	1.17E-01	1.31E-05	WATER 9			3.96E+01	EPI	7.90E-01	YAWS	4.83E+04	EPI	7.26E-03	2.19E-01	5.27E-01	2.50E-03	EPI
Methyl Methacrylate	80-62-6	100.12	EPI	1.30E-02	3.19E-04	EPI	3.85E+01	EPI	9.38E-01	CRC89	7.50E-02	9.21E-06	WATER 9			9.14E+00	EPI	1.38E+00	EPI	1.50E+04	EPI	1.37E-02	3.82E-01	9.18E-01	3.55E-03	EPI
Methyl Parathion	298-00-0	263.21	EPI	4.09E-06	1.00E-07	EPI	3.50E-06	EPI	1.36E+00	CRC89	2.50E-02	6.44E-06	WATER 9			7.29E+02	EPI	2.86E+00	EPI	3.77E+01	EPI	2.60E-02	3.13E+00	7.52E+00	4.16E-03	EPI
Methyl Phosphonic Acid	993-13-5	96.02	EPI	4.99E-10	1.22E-11	EPI	3.27E-04	EPI			9.06E-02	1.06E-05	WATER 9			1.41E+00	EPI	-1.00E+00	EPI	2.00E+04	EPI	3.71E-04	3.63E-01	8.71E-01	9.84E-05	EPI
Methyl Styrene (Mixed Isomers)	25013-15-4	118.18	EPI	1.23E-01	3.01E-03	EPI	1.70E+00	EPI	8.90E-01	HSDB	6.23E-02	8.08E-06	WATER 9			7.16E+02	EPI	3.44E+00	EPI	8.90E+01	EPI	2.76E-01	4.83E-01	1.16E+00	6.60E-02	EPI
Methyl methanesulfonate	66-27-3	110.13	EPI	1.65E-04	4.03E-06	EPI	3.10E-01	EPI	1.29E+00	CRC89	7.89E-02	1.06E-05	WATER 9			4.33E+00	EPI	-6.60E-01	EPI	2.00E+05	LANGE	5.57E-04	4.35E-01	1.04E+00	1.38E-04	EPI
Methyl tert-Butyl Ether (MTBE)	1634-04-4	88.15	EPI	2.40E-02	5.87E-04	EPI	2.50E+02	EPI	7.35E-01	CRC89	7.53E-02	8.59E-06	WATER 9			1.16E+01	EPI	9.40E-01	EPI	5.10E+04	EPI	7.62E-03	3.28E-01	7.87E-01	2.11E-03	EPI
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	195.09	EPI	2.61E-16	6.38E-18	EPI	4.12E-12	EPI			5.65E-02	6.60E-06	WATER 9			2.02E+02	EPI	-2.06E+00	EPI	3.90E+02	EPI	2.90E-05	1.30E+00	3.12E+00	5.39E-06	EPI
Methyl-5-Nitroaniline, 2-	99-55-8	152.15	EPI	7.93E-07	1.94E-08	EPI	5.88E-04	EPI			6.67E-02	7.79E-06	WATER 9			1.79E+02	EPI	1.87E+00	EPI	6.13E+02	EPI	1.82E-02	7.48E-01	1.80E+00	3.84E-03	EPI
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	147.09	EPI	4.99E-11	1.22E-12	EPI	1.20E-04	EPI			6.82E-02	7.97E-06	WATER 9			7.20E+01	EPI	-9.20E-01	EPI	1.00E+06	EPI	2.67E-04	7.01E-01	1.68E+00	5.72E-05	EPI
Methylaniline Hydrochloride, 2-	636-21-5	143.62	EPI	7.96E-12	1.95E-13	EPI	1.61E-06	EPI			6.93E-02	8.09E-06	WATER 9			1.15E+02	EPI	-2.06E+00	EPI	4.59E+02	EPI	4.84E-05	6.70E-01	1.61E+00	1.05E-05	EPI
Methylarsonic acid	124-58-3	139.97	EPI				1.23E-04	EPI			7.05E-02	8.24E-06	WATER 9			4.39E+01	EPI	-1.18E+00	EPI	2.56E+05	EPI	1.91E-04	6.39E-01	1.53E+00	4.19E-05	EPI
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	158.6286	OTHER								6.48E-02	7.58E-06	WATER 9										8.13E-01	1.95E+00		
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	220.25	OTHER								5.21E-02	6.09E-06	WATER 9										1.80E+00	4.32E+00		
Methylcholanthrene, 3-	56-49-5	268.36	EPI	2.14E-04	5.24E-06	EPI	4.30E-08	EPI	1.28E+00	CRC89	2.41E-02	6.14E-06	WATER 9			9.62E+05	EPI	6.42E+00	EPI	2.90E-03	EPI	5.69E+00	3.35E+00	1.48E+01	9.03E-01	EPI
Methylene Chloride	75-09-2	84.93	EPI	1.33E-01	3.25E-03	EPI	4.35E+02	EPI	1.33E+00	CRC89	9.99E-02	1.25E-05	WATER 9			2.17E+01	EPI	1.25E+00	EPI	1.30E+04	EPI	1.25E-02	3.14E-01	7.55E-01	3.54E-03	EPI
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	267.16	EPI	4.66E-10	1.14E-11	EPI	3.93E-06	EPI			4.58E-02	5.35E-06	WATER 9			5.70E+03	EPI	3.91E+00	EPI	1.39E+01	EPI	1.24E-01	3.30E+00	7.91E+00	1.97E-02	EPI
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	254.38	EPI	4.95E-06	1.21E-07	EPI	3.32E-06	EPI			4.73E-02	5.53E-06	WATER 9			2.67E+03	EPI	4.37E+00	EPI	5.49E+00	EPI	5.18E-01	2.79E+00	6.71E+00	8.44E-02	RAGSE
Methylenebisbenzenamine, 4,4'-	101-77-9	198.27	EPI	6.46E-10	1.58E-11	EPI	2.07E-06	EPI			5.59E-02	6.53E-06	WATER 9			2.13E+03	EPI	1.59E+00	EPI	1.00E+03	EPI	7.47E-03	1.36E+00	3.25E+00	1.38E-03	EPI
Methylenediphenyl Diisocyanate	101-68-8	250.26	EPI	3.66E-05	8.95E-07	EPI	5.00E-06	EPI	1.20E+00	CRC89	2.42E-02	6.15E-06	WATER 9			2.85E+05	EPI	5.22E+00	YAWS	1.84E+00	EPI	1.10E+00	2.65E+00	1.03E+01	1.81E-01	EPI
Methylstyrene, Alpha-	98-83-9	118.18	EPI	1.04E-01	2.55E-03	EPI	1.90E+00	EPI	9.11E-01	CRC89	6.29E-02	8.19E-06	WATER 9			6.98E+02	EPI	3.48E+00	EPI	1.16E+02	EPI	2.92E-01	4.83E-01	1.16E+00	6.99E-02	EPI
Metolachlor	51218-45-2	283.8	EPI	3.68E-07	9.00E-09	EPI	3.14E-05	EPI	1.12E+00	CRC89	2.19E-02	5.48E-06	WATER 9			4.89E+02	EPI	3.13E+00	EPI	5.30E+02	EPI	2.20E-02	4.08E+00	9.80E+00	3.39E-03	EPI
Metribuzin	21087-64-9	214.29	EPI	4.78E-09	1.17E-10	EPI	4.35E-07	EPI	1.31E+00	CRC89	2.73E-02	7.13E-06	WATER 9			5.31E+01	EPI	1.70E+00	EPI	1.05E+03	EPI	7.43E-03	1.67E+00	4.00E+00	1.32E-03	EPI
Mineral oils	8012-95-1	170.34	EPI	3.34E+02	8.18E+00	EPI	1.35E-01	EPI	8.77E-01	ChemNet	3.62E-02	6.43E-06	WATER 9			4.82E+03	EPI	6.10E+00	EPI	3.70E-03	EPI	9.84E+00	9.46E-01	4.28E+00	1.96E+00	EPI
Mirex	2385-85-5	545.55	EPI	3.32E-02	8.11E-04	EPI	8.00E-07	EPI	2.25E+00	ChemNet	2.19E-02	5.63E-06	WATER 9			3.57E+05	EPI	6.89E+00	EPI	8.50E-02	EPI	4.64E-01	1.19E+02	2.87E+02	5.16E-02	EPI
Molinate	2212-67-1	187.3	EPI	1.68E-04	4.10E-06	EPI	5.60E-03	EPI	1.06E+00	CRC89	3.16E-02	6.82E-06	WATER 9			1.82E+02	EPI	3.21E+00	EPI	9.70E+02	EPI	9.95E-02	1.18E+00	2.82E+00	1.89E-02	EPI
Molybdenum	7439-98-7	95.94	EPI				0.00E+00	NIOSH	1.02E+01	CRC89				2.00E+01	BAES							3.77E-03	3.62E-01	8.70E-01	1.00E-03	RAGSE
Monochloramine	10599-90-3	51.48	EPI																			2.76E-03	2.04E-01	4.90E-01	1.00E-03	RAGSE
Monomethylaniline	100-61-8	107.16	EPI	3.63E-04	8.88E-06	EPI	4.53E-01	EPI	9.89E-01	CRC89	7.21E-02	9.13E-06	WATER 9			8.21E+01	EPI	1.66E+00	EPI	5.62E+03	EPI	1.98E-02	4.19E-01	1.00E+00	4.98E-03	EPI
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	260.34	EPI	8.38E-09	2.05E-10	EPI	6.35E-09	EPI			4.66E-02	5.44E-06	WATER 9			5.19E+04	EPI	4.04E+00	YAWS	1.59E+00	EPI	1.63E-01	3.02E+00	7.24E+00	2.62E-02	EPI
Naled	300-76-5	380.79	EPI	2.66E-03	6.51E-05	EPI	2.00E-04	EPI	1.96E+00	CRC89	2.46E-02	6.43E-06	WATER 9			1.27E+02	EPI	1.38E+00	EPI	1.50E+00	EPI	7.09E-04	1.43E+01	3.42E+01	9.44E-05	EPI
Naphtha, High Flash Aromatic (HFAN)	64742-95-6			1.80E-02	4.40E-04	EPI	8.50E-02	EPI												3.10E+01	EPI					
Naphthylamine, 2-	91-59-8	143.19	EPI	3.31E-06	8.10E-08	EPI	2.56E-04	EPI	1.64E+00	CRC89	6.45E-02	1.04E-05	WATER 9			2.48E+03	EPI	2.28E+00	EPI	1.89E+02	EPI	3.71E-02	6.66E-01	1.60E+00	8.07E-03	EPI
Napropamide	15299-99-7	271.36	EPI	3.44E-08	8.41E-10	EPI	1.72E-07	EPI			4.53E-02	5.30E-06	WATER 9			3.22E+03	EPI	3.36E+00	EPI	7.30E+01	EPI	5.09E-02	3.48E+00	8.35E+00	8.04E-03	EPI
Nickel Acetate	373-02-4	176.78	PERRY						1.80E+00	PERRY	4.62E-02	9.68E-06	WATER 9							1.66E+05	PERRY	9.92E-05	1.03E+00	2.47E+00	1.94E-05	EPI
Nickel Carbonate	3333-67-3	118.7	PERRY								7.87E-02	9.19E-06	WATER 9							9.30E+01	PERRY	5.53E-05	4.86E-01	1.17E+00	1.32E-05	EPI
Nickel Carbonyl	13463-39-3	170.734	CRC89	2.04E+01	5.00E-01	MSDS	3.15E+02	NIOSH	1.31E+00	CRC89	4.33E-02	8.17E-06	WATER 9							1.80E+02	PERRY		9.51E-01	2.28E+00		
Nickel Hydroxide	12054-48-7	92.7081	OTHER																			3.70E-03	3.48E-01	8.34E-01	1.00E-03	RAGSE
Nickel Oxide	1313-99-1	74.69	EPI						6.72E+00	CRC89												3.32E-03	2.75E-01	6.61E-01	1.00E-03	RAGSE
Nickel Refinery Dust	NA													1.50E+02	BAES										2.00E-04	RAGSE
Nickel Soluble Salts	7440-02-0	58.69	EPI				0.00E+00	NIOSH	8.90E+00	CRC89				6.50E+01	SSL							5.89E-04	2.24E-01	5.38E-01	2.00E-04	RAGSE
Nickel Subsulfide	12035-72-2	240.21	CRC89						5.87E+00	CRC89												1.19E-03	2.33E+00	5.59E+00	2.00E-04	RAGSE
Nickelocene	1271-28-9	188.879	CRC89								5.77E-02	6.74E-06	WATER 9										1.20E+00	2.88E+00		
Nitrate	14797-55-8	62	EPI																			3.03E-03	2.34E-01	5.61E-01	1.00E-03	RAGSE
Nitrate + Nitrite (as N)	NA																								1.00E-03	RAGSE
Nitrite	14797-65-0	47.01	EPI																			2.64E-03	1.93E-01	4.63E-01	1.00E-03	RAGSE
Nitroaniline, 2-	88-74-4	138.13	EPI	2.41E-06	5.90E-08	EPI	2.77E-03	EPI	9.02E-01	CRC89	5.19E-02	7.41E-06	WATER 9			1.11E+02	EPI	1.85E+00	EPI	1.47E+03	EPI	2.02E-02	6.24E-01	1.50E+00	4.46E-03	EPI
Nitroaniline, 4-	100-01-6	138.13	EPI	5.15E-08	1.26E-09	EPI	3.20E-06	EPI	1.42E+00	CRC89	6.37E-02	9.75E-06	WATER 9			1.09E+02	EPI	1.39E+00	EPI	7.28E+02	EPI	9.99E-03	6.24E-01	1.50E+00	2.21E-03	EPI
Nitrobenzene	98-95-3	123.11	EPI	9.81E-04	2.40E-05	EPI	2.45E-01	EPI	1.20E+00	CRC89	6.81E-02	9.45E-06	WATER 9			2.26E+02	EPI	1.85E+00	EPI	2.09E+03	EPI	2.31E-02	5.14E-01	1.23E+00	5.41E-03	EPI
Nitrocellulose	9004-70-0	387.3	EPI	1.35E-21	3.29E-23	EPI	1.41E-17	EPI			3.58E-02	4.18E-06	WATER 9			1.00E+01	EPI	-4.56E+00	EPI	1.00E+06	EPI	7.46E-08	1.55E+01	3.72E+01	9.86E-09	EPI
Nitrofurantoin	67-20-9	238.16	EPI	5.44E-11	1.33E-12	EPI	6.79E-11	EPI			4.95E-02	5.78E-06	WATER 9			1.17E+02	EPI	-4.70E-01	EPI	7.95E+01	EPI	2.09E-04	2.27E+00	5.44E+00	3.52E-05	EPI
Nitrofurazone	59-87-0	198.14	EPI	1.27E-11	3.10E-13	EPI	3.45E-07	EPI			5.59E-02	6.53E-06	WATER 9			3.50E+02	EPI	2.30E-01	EPI	2.10E+02	EPI	9.31E-04	1.35E+00	3.25E+00	1.72E-04	EPI
Nitroglycerin	55-63-0	227.09	EPI	3.54E-06	8.66E-08	EPI	4.00E-04	EPI	1.59E+00	CRC89	2.90E-02	7.74E-06	WATER 9			1.16E+02	EPI	1.62E+00	EPI	1.38E+03	EPI	5.76E-03	1.97E+00	4.72E+00	9.94E-04	EPI
Nitroguanidine	556-88-7	104.07	EPI	1.84E-10	4.49E-12	EPI	1.43E-10	PubChem	2.00E+00	ChemNet	9.97E-02	1.42E-05	WATER 9			2.07E+01	EPI	-8.90E-01	EPI	4.40E+03	EPI	4.12E-04	4.02E-01	9.66E-01	1.05E-04	EPI
Nitromethane	75-52-5	61.04	EPI	1.17E-03	2.86E-05	EPI	3.58E+01	EPI	1.14E+00	CRC89	1.19E-01	1.39E-05	WATER 9			1.03E+01	EPI	-3.50E-01	EPI	1.11E+05	EPI	1.25E-03	2.31E-01	5.54E-01	4.17E-04	EPI
Nitropropane, 2-	79-46-9	89.09	EPI	4.87E-03	1.19E-04	EPI	1.72E+01	EPI	9.82E-01	CRC89	8.47E-02	1.02E-05	WATER 9			3.08E+01	EPI	9.30E-01	EPI	1.70E+04	EPI	7.48E-03	3.32E-01	7.96E-01	2.06E-03	EPI
Nitroso-N-ethylurea, N-	759-73-9	117.11	EPI	5.40E-09	1.32E-10	EPI	2.04E-02	EPI			7.94E-02	9.27E-06	WATER 9			2.10E+01	EPI	2.30E-01	EPI	1.30E+04	EPI	2.04E-03	4.76E-01	1.14E+00	4.90E-04	EPI
Nitroso-N-methylurea, N-	684-93-5	103.08	EPI	4.05E-09	9.91E-11	EPI	2.93E-02	EPI			8.64E-02	1.01E-05	WATER 9			1.10E+01	EPI	-3.00E-02	EPI	1.44E+04	EPI	1.54E-03	3.97E-01	9.53E-01	3.95E-04	EPI
Nitroso-di-N-butylamine, N-	924-16-3	158.25	EPI	5.40E-04	1.32E-05	EPI	4.69E-02	EPI	9.01E-01	PubChem	4.22E-02	6.83E-06	WATER 9			9.15E+02	EPI	2.63E+00	EPI	1.27E+03	EPI	5.47E-02	8.09E-01	1.94E+00	1.13E-02	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Nitroso-di-N-propylamine, N-	621-64-7	130.19	EPI	2.20E-04	5.38E-06	EPI	3.89E-01	EPI	9.16E-01	CRC89	5.64E-02	7.76E-06	WATER 9			2.75E+02	EPI	1.36E+00	EPI	1.30E+04	EPI	1.02E-02	5.64E-01	1.35E+00	2.33E-03	EPI
Nitrosodiethanolamine, N-	1116-54-7	134.14	EPI	9.32E-15	2.28E-16	EPI	4.65E-06	EPI			7.25E-02	8.47E-06	WATER 9			1.00E+00	EPI	-1.28E+00	EPI	1.00E+06	EPI	1.10E-04	5.93E-01	1.42E+00	2.47E-05	RAGSE
Nitrosodiethylamine, N-	55-18-5	102.14	EPI	1.48E-04	3.63E-06	EPI	8.60E-01	EPI	9.42E-01	CRC89	7.38E-02	9.13E-06	WATER 9			8.29E+01	EPI	4.80E-01	EPI	1.06E+05	EPI	3.39E-03	3.92E-01	9.42E-01	8.72E-04	EPI
Nitrosodimethylamine, N-	62-75-9	74.08	EPI	7.44E-05	1.82E-06	EPI	2.70E+00	EPI	1.00E+00	CRC89	9.88E-02	1.15E-05	WATER 9			2.28E+01	EPI	-5.70E-01	EPI	1.00E+06	EPI	8.31E-04	2.73E-01	6.56E-01	2.51E-04	EPI
Nitrosodiphenylamine, N-	86-30-6	198.23	EPI	2.05E-04	5.01E-06	SSL	6.97E-05	EPI			5.59E-02	6.53E-06	WATER 9			2.63E+03	EPI	3.13E+00	EPI	3.50E+01	EPI	7.85E-02	1.35E+00	3.25E+00	1.45E-02	EPI
Nitrosomethylethylamine, N-	10595-95-6	88.11	EPI	5.89E-05	1.44E-06	EPI	2.09E+00	EPI	9.45E-01	PubChem	8.41E-02	9.99E-06	WATER 9			4.35E+01	EPI	4.00E-02	EPI	3.00E+05	EPI	1.92E-03	3.28E-01	7.86E-01	5.33E-04	EPI
Nitrosomorpholine [N-]	59-89-2	116.12	EPI	1.00E-06	2.45E-08	EPI	1.34E-01	EPI			7.98E-02	9.33E-06	WATER 9			2.25E+01	EPI	-4.40E-01	EPI	1.00E+06	EPI	7.38E-04	4.70E-01	1.13E+00	1.78E-04	EPI
Nitrosopiperidine [N-]	100-75-4	114.15	EPI	3.45E-05	8.44E-07	EPI	2.07E-01	EPI	1.06E+00	CRC89	6.99E-02	9.18E-06	WATER 9			1.68E+02	EPI	3.60E-01	EPI	7.65E+04	EPI	2.56E-03	4.58E-01	1.10E+00	6.22E-04	EPI
Nitrosopyrrolidine, N-	930-55-2	100.12	EPI	2.00E-06	4.89E-08	EPI	6.00E-02	EPI	1.09E+00	CRC89	8.00E-02	1.01E-05	WATER 9			9.19E+01	EPI	-1.90E-01	EPI	1.00E+06	EPI	1.24E-03	3.82E-01	9.18E-01	3.21E-04	EPI
Nitrotoluene, m-	99-08-1	137.14	EPI	3.80E-04	9.30E-06	EPI	2.05E-01	EPI	1.16E+00	CRC89	5.87E-02	8.65E-06	WATER 9			3.63E+02	EPI	2.45E+00	EPI	5.00E+02	EPI	5.09E-02	6.16E-01	1.48E+00	1.13E-02	EPI
Nitrotoluene, o-	88-72-2	137.14	EPI	5.11E-04	1.25E-05	EPI	1.88E-01	EPI	1.16E+00	CRC89	5.88E-02	8.67E-06	WATER 9			3.71E+02	EPI	2.30E+00	EPI	6.50E+02	EPI	4.05E-02	6.16E-01	1.48E+00	8.99E-03	EPI
Nitrotoluene, p-	99-99-0	137.14	EPI	2.30E-04	5.63E-06	EPI	1.57E-02	EPI	1.10E+00	CRC89	5.74E-02	8.41E-06	WATER 9			3.63E+02	EPI	2.37E+00	EPI	4.42E+02	EPI	4.50E-02	6.16E-01	1.48E+00	1.00E-02	EPI
Nonane, n-	111-84-2	128.26	EPI	1.39E+02	3.40E+00	EPI	4.45E+00	EPI	7.19E-01	CRC89	5.14E-02	6.77E-06	WATER 9			7.96E+02	EPI	5.65E+00	EPI	2.20E-01	EPI	7.40E+00	5.50E-01	2.46E+00	1.70E+00	EPI
Norflurazon	27314-13-2	303.67	EPI	1.40E-08	3.43E-10	EPI	2.89E-08	EPI			4.21E-02	4.91E-06	WATER 9			3.12E+03	EPI	2.30E+00	EPI	3.37E+01	EPI	7.04E-03	5.28E+00	1.27E+01	1.05E-03	EPI
Nustar	85509-19-9	315.4	EPI	2.07E-05	5.06E-07	EPI	2.93E-07	EPI			4.10E-02	4.79E-06	WATER 9			8.11E+04	EPI	3.70E+00	EPI	5.40E+01	EPI	5.23E-02	6.14E+00	1.47E+01	7.66E-03	EPI
Octabromodiphenyl Ether	32536-52-0	801.38	EPI	1.05E-05	2.56E-07	EPI	1.27E-02	EPI			2.20E-02	2.57E-06	WATER 9			9.90E+04	EPI	8.71E+00	EPI	7.43E-05	EPI	3.33E-01	3.23E+03	7.76E+03	3.06E-02	EPI
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	296.16	EPI	3.54E-08	8.67E-10	EPI	3.30E-14	EPI			4.28E-02	5.00E-06	WATER 9			5.32E+02	EPI	1.60E-01	EPI	5.00E+00	EPI	2.89E-04	4.79E+00	1.15E+01	4.36E-05	EPI
Octamethylpyrophosphoramide	152-16-9	286.25	EPI	2.58E-15	6.31E-17	EPI	1.00E-03	EPI	1.09E+00	CRC89	2.15E-02	5.37E-06	WATER 9			2.01E+01	EPI	-1.01E+00	EPI	1.00E+06	EPI	5.40E-05	4.22E+00	1.01E+01	8.30E-06	EPI
Oryzalin	19044-88-3	346.36	EPI	7.81E-08	1.91E-09	EPI	2.99E-09	EPI			3.85E-02	4.50E-06	WATER 9			8.25E+02	EPI	3.73E+00	EPI	2.50E+00	EPI	3.84E-02	9.15E+00	2.20E+01	5.37E-03	EPI
Oxadiazon	19666-30-9	345.23	EPI	2.97E-06	7.27E-08	EPI	1.12E-07	EPI			3.86E-02	4.51E-06	WATER 9			5.00E+03	EPI	4.80E+00	EPI	7.00E-01	EPI	2.00E-01	9.02E+00	2.16E+01	2.80E-02	EPI
Oxamyl	23135-22-0	219.26	EPI	9.69E-09	2.37E-10	EPI	2.30E-04	EPI	9.70E-01	CRC89	2.35E-02	5.87E-06	WATER 9			1.00E+01	EPI	-4.70E-01	EPI	2.80E+05	EPI	2.56E-04	1.78E+00	4.26E+00	4.49E-05	EPI
Paclobutrazol	76738-62-0	293.8	EPI	3.39E-09	8.28E-11	EPI	7.50E-09	EPI	1.22E+00	CRC89	2.24E-02	5.65E-06	WATER 9			9.23E+02	EPI	3.20E+00	EPI	2.60E+01	EPI	3.11E-02	4.65E+00	1.12E+01	4.71E-03	EPI
Paraquat Dichloride	1910-42-5	257.16	EPI	1.32E-11	3.22E-13	EPI	1.01E-07	EPI			4.70E-02	5.49E-06	WATER 9			6.78E+03	EPI	-4.50E+00	EPI	7.00E+05	EPI	3.56E-07	2.90E+00	6.95E+00	5.77E-08	EPI
Parathion	56-38-2	291.26	EPI	1.22E-05	2.98E-07	EPI	6.68E-06	EPI	1.27E+00	CRC89	2.29E-02	5.82E-06	WATER 9			2.42E+03	EPI	3.83E+00	EPI	1.10E+01	EPI	8.40E-02	4.50E+00	1.08E+01	1.28E-02	EPI
Pebulate	1114-71-2	203.35	EPI	9.69E-03	2.37E-04	EPI	8.85E-02	EPI	9.46E-01	CRC89	2.41E-02	6.05E-06	WATER 9			2.99E+02	EPI	3.83E+00	EPI	1.00E+02	EPI	2.18E-01	1.45E+00	3.47E+00	3.97E-02	EPI
Pendimethalin	40487-42-1	281.31	EPI	3.50E-05	8.56E-07	EPI	3.00E-05	EPI	1.19E+00	CRC89	2.27E-02	5.72E-06	WATER 9			5.62E+03	EPI	5.18E+00	EPI	3.00E-01	EPI	7.42E-01	3.96E+00	1.53E+01	1.15E-01	EPI
Pentabromodiphenyl Ether	32534-81-9	564.69	EPI	1.45E-04	3.54E-06	EPI	3.10E-08	EPI			2.78E-02	3.25E-06	WATER 9			2.17E+04	EPI	6.84E+00	EPI	9.00E-07	EPI	3.41E-01	1.53E+02	3.67E+02	3.73E-02	EPI
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	564.69	EPI	1.45E-04	3.54E-06	EPI	3.10E-08	EPI	2.28E+00	IRIS	2.16E-02	5.56E-06	WATER 9			2.17E+04	EPI	7.66E+00	EPI	1.07E-02	EPI	3.41E-01	1.53E+02	3.67E+02	3.73E-02	EPI
Pentachlorobenzene	608-93-5	250.34	EPI	2.87E-02	7.03E-04	EPI	1.01E-03	EPI	1.83E+00	CRC89	2.94E-02	7.95E-06	WATER 9			3.71E+03	EPI	5.17E+00	EPI	8.31E-01	EPI	1.02E+00	2.65E+00	1.02E+01	1.68E-01	EPI
Pentachloroethane	76-01-7	202.3	EPI	7.93E-02	1.94E-03	EPI	3.50E+00	EPI	1.68E+00	CRC89	3.15E-02	8.57E-06	WATER 9			1.36E+02	EPI	3.22E+00	EPI	4.80E+02	EPI	8.64E-02	1.43E+00	3.43E+00	1.58E-02	EPI
Pentachloronitrobenzene	82-68-8	295.34	EPI	1.81E-03	4.42E-05	EPI	5.00E-05	EPI	1.72E+00	CRC89	2.63E-02	6.92E-06	WATER 9			6.00E+03	EPI	4.64E+00	EPI	4.40E-01	EPI	2.76E-01	4.74E+00	1.14E+01	4.18E-02	EPI
Pentachlorophenol	87-86-5	266.34	EPI	1.00E-06	2.45E-08	EPI	1.10E-04	EPI	1.98E+00	CRC89	2.95E-02	8.01E-06	WATER 9			4.96E+03	EPI	5.12E+00	EPI	1.40E+01	EPI	7.97E-01	3.26E+00	1.25E+01	1.27E-01	EPI
Pentaerythritol tetranitrate (PETN)	78-11-5	316.14	EPI	4.91E-10	1.20E-11	EPI	5.45E-09	EPI	1.77E+00	CRC89	2.58E-02	6.77E-06	WATER 9			6.48E+02	EPI	2.38E+00	YAWS	4.30E+01	EPI	6.91E-03	6.20E+00	1.49E+01	1.01E-03	EPI
Pentane, n-	109-66-0	72.15	EPI	5.11E+01	1.25E+00	EPI	5.14E+02	EPI	6.26E-01	CRC89	8.21E-02	8.80E-06	WATER 9			7.22E+01	EPI	3.39E+00	EPI	3.80E+01	EPI	3.59E-01	2.67E-01	6.40E-01	1.10E-01	EPI
Perchlorates																										
~Ammonium Perchlorate	7790-98-9	117.49	EPI						1.95E+00	CRC89										2.00E+05	EPI	4.17E-03	4.78E-01	1.15E+00	1.00E-03	RAGSE
~Lithium Perchlorate	7791-03-9	106.392	CRC89						2.43E+00	CRC89										5.87E+05	CRC89	3.97E-03	4.15E-01	9.95E-01	1.00E-03	RAGSE
~Perchlorate and Perchlorate Salts	14797-73-0	117.49	CRC89																	2.45E+05	CRC89	4.17E-03	4.78E-01	1.15E+00	1.00E-03	RAGSE
~Potassium Perchlorate	7778-74-7	138.55	EPI						2.52E+00	CRC89										1.50E+04	EPI	9.05E-03	6.28E-01	1.51E+00	2.00E-03	RAGSE
~Sodium Perchlorate	7601-89-0	122.44	EPI						2.52E+00	CRC89										2.10E+06	EPI	4.26E-03	5.10E-01	1.22E+00	1.00E-03	RAGSE
Perfluorobutane Sulfonate	375-73-5	300.1	EPI	5.88E-04	1.44E-05	EPI	5.18E-02	EPI	1.85E+00	LookChem	2.70E-02	7.16E-06	WATER 9			1.77E+02	EPI	1.82E+00	EPI	8.86E+03	EPI	8.66E-03	5.04E+00	1.21E+01	1.30E-03	EPI
Permethrin	52645-53-1	391.3	EPI	7.65E-05	1.87E-06	EPI	2.18E-08	EPI	1.23E+00	CRC89	1.94E-02	4.78E-06	WATER 9			1.19E+05	EPI	6.50E+00	EPI	6.00E-03	EPI	1.58E+00	1.63E+01	6.52E+01	2.08E-01	EPI
Phenacetin	62-44-2	179.22	EPI	8.71E-09	2.13E-10	EPI	6.92E-07	EPI			5.98E-02	6.98E-06	WATER 9			4.10E+01	EPI	1.58E+00	EPI	7.66E+02	EPI	8.91E-03	1.06E+00	2.55E+00	1.73E-03	EPI
Phenmedipham	13684-63-4	300.32	EPI	3.44E-11	8.41E-13	EPI	1.00E-11	EPI			4.24E-02	4.95E-06	WATER 9			2.59E+03	EPI	3.59E+00	EPI	4.70E+00	EPI	5.24E-02	5.05E+00	1.21E+01	7.86E-03	EPI
Phenol	108-95-2	94.11	EPI	1.36E-05	3.33E-07	EPI	3.50E-01	EPI	1.05E+00	CRC89	8.34E-02	1.03E-05	WATER 9			1.87E+02	EPI	1.46E+00	EPI	8.28E+04	EPI	1.62E-02	3.54E-01	8.49E-01	4.34E-03	EPI
Phenothiazine	92-84-2	199.27	EPI	1.14E-06	2.78E-08	EPI	8.32E-07	EPI	1.34E+00	PubChem	2.90E-02	7.55E-06	WATER 9			1.48E+03	EPI	4.15E+00	EPI	1.59E+00	EPI	3.71E-01	1.37E+00	3.30E+00	6.83E-02	EPI
Phenylenediamine, m-	108-45-2	108.14	EPI	5.11E-08	1.25E-09	EPI	2.09E-03	EPI	1.01E+00	CRC89	7.21E-02	9.19E-06	WATER 9			3.38E+01	EPI	-3.30E-01	EPI	2.38E+05	EPI	9.36E-04	4.24E-01	1.02E+00	2.34E-04	EPI
Phenylenediamine, o-	95-54-5	108.14	EPI	2.94E-07	7.20E-09	EPI	2.06E-03	EPI			8.37E-02	9.78E-06	WATER 9			3.45E+01	EPI	1.50E-01	EPI	4.04E+04	EPI	1.95E-03	4.24E-01	1.02E+00	4.87E-04	EPI
Phenylenediamine, p-	106-50-3	108.14	EPI	3.63E-08	8.88E-10	EPI	6.55E-04	EPI			8.37E-02	9.78E-06	WATER 9			3.38E+01	EPI	-3.00E-01	EPI	3.70E+04	EPI	9.80E-04	4.24E-01	1.02E+00	2.45E-04	EPI
Phenylphenol, 2-	90-43-7	170.21	EPI	4.29E-05	1.05E-06	EPI	2.00E-03	EPI	1.21E+00	CRC89	4.21E-02	7.82E-06	WATER 9			6.72E+03	EPI	3.09E+00	EPI	7.00E+02	EPI	9.84E-02	9.44E-01	2.27E+00	1.96E-02	EPI
Phorate	298-02-2	260.37	EPI	1.79E-04	4.37E-06	EPI	6.38E-04	EPI	1.16E+00	CRC89	2.33E-02	5.90E-06	WATER 9			4.60E+02	EPI	3.56E+00	EPI	5.00E+01	EPI	7.82E-02	3.02E+00	7.25E+00	1.26E-02	EPI
Phosgene	75-44-5	98.92	EPI	6.83E-01	1.67E-02	EPI	1.42E+03	EPI	1.37E+00	CRC89	8.93E-02	1.17E-05	WATER 9			1.00E+00	EPI	-7.10E-01	YAWS	6.83E+03	YAWS	5.62E-04	3.77E-01	9.04E-01	1.47E-04	EPI
Phosmet	732-11-6	317.32	EPI	3.43E-07	8.38E-09	EPI	4.90E-07	EPI			4.08E-02	4.77E-06	WATER 9			1.00E+01	EPI	2.78E+00	EPI	2.44E+01	EPI	1.25E-02	6.29E+00	1.51E+01	1.83E-03	EPI
Phosphates, Inorganic																										
~Aluminum metaphosphate	13776-88-0	263.9	CRC89						2.78E+00	CRC89												6.25E-03	3.16E+00	7.58E+00	1.00E-03	RAGSE
~Ammonium polyphosphate	68333-79-9																								1.00E-03	RAGSE
~Calcium pyrophosphate	7790-76-3	254.1	CRC89						3.09E+00	CRC89												6.13E-03	2.78E+00	6.68E+00	1.00E-03	RAGSE
~Diammonium phosphate	7783-28-0	132.06	EPI																			4.42E-03	5.77E-01	1.39E+00	1.00E-03	RAGSE
~Dicalcium phosphate	7757-93-9	136.06	EPI																			4.49E-03	6.08E-01	1.46E+00	1.00E-03	RAGSE
~Dimagnesium phosphate	7782-75-4	174.33	CRC89						2.12E+00	CRC89												5.08E-03	9.96E-01	2.39E+00	1.00E-03	RAGSE
~Dipotassium phosphate	7758-11-4	174.18	EPI																			5.08E-03	9.94E-01	2.38E+00	1.00E-03	RAGSE
~Disodium phosphate	7558-79-4	141.96	EPI																			4.58E-03	6.56E-01	1.57E+00	1.00E-03	RAGSE
~Monoaluminum phosphate	13530-50-2	317.94	CRC89																			6.86E-03	6.34E+00	1.52E+01	1.00E-03	RAGSE
~Monoammonium phosphate	7722-76-1	115.03	EPI																			4.13E-03	4.63E-01	1.11E+00	1.00E-03	RAGSE
~Monocalcium phosphate	7758-23-8	234.05	EPI																			5.88E-03	2.15E+00	5.16E+00	1.00E-03	RAGSE
~Monomagnesium phosphate	7757-86-0	120.28	CRC89																			4.22E-03	4.96E-01	1.19E+00	1.00E-03	RAGSE
~Monopotassium phosphate	7778-77-0	136.09	EPI																			4.49E-03	6.08E-01	1.46E+00	1.00E-03	RAGSE
~Monosodium phosphate	7558-80-7	119.98	EPI																			4.21E-03	4.94E-01	1.19E+00	1.00E-03	RAGSE
~Polyphosphoric acid	8017-16-1	257.96	EPI																			6.18E-03	2.93E+00	7.02E+00	1.00E-03	RAGSE
~Potassium tripolyphosphate	13845-36-8	448.4068	OTHER																			8.14E-03	3.41E+01	8.19E+01	1.00E-03	RAGSE
~Sodium acid pyrophosphate	7758-16-9	221.94	EPI																			5.73E-03	1.84E+00	4.41E+00	1.00E-03	RAGSE
~Sodium aluminum phosphate (acidic)	7785-88-8	144.9427	OTHER																			4.63E-03	6.82E-01	1.64E+00	1.00E-03	RAGSE
~Sodium aluminum phosphate (anhydrous)	10279-59-1																								1.00E-03	RAGSE
~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	949.88	OTHER																			1.19E-02	2.19E+04	5.26E+04	1.00E-03	RAGSE
~Sodium hexametaphosphate	10124-56-8	611.17	CRC89																			9.51E-03	2.78E+02	6.68E+02	1.00E-03	RAGSE
~Sodium polyphosphate	68915-31-1	359.92	EPI																			7.30E-03	1.09E+01	2.62E+01	1.00E-03	RAGSE
~Sodium trimetaphosphate	7785-84-4	305.89	EPI																			6.73E-03	5.43E+00	1.30E+01	1.00E-03	RAGSE
~Sodium tripolyphosphate	7758-29-4	367.86	EPI																			7.38E-03	1.21E+01	2.90E+01	1.00E-03	RAGSE
~Tetrapotassium phosphate	7320-34-5	330.34	EPI																			6.99E-03	7.44E+00	1.79E+01	1.00E-03	RAGSE
~Tetrasodium pyrophosphate	7722-88-5	265.9	EPI																			6.27E-03	3.24E+00	7.78E+00	1.00E-03	RAGSE
~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	887.8958	OTHER																			1.15E-02	9.86E+03	2.37E+04	1.00E-03	RAGSE

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
~Tricalcium phosphate	7758-87-4	310.18	CRC89						3.14E+00	CRC89												6.77E-03	5.74E+00	1.38E+01	1.00E-03	RAGSE
~Trimagnesium phosphate	7757-87-1	262.86	CRC89																			6.24E-03	3.12E+00	7.48E+00	1.00E-03	RAGSE
~Tripotassium phosphate	7778-53-2	212.27	EPI																			5.60E-03	1.62E+00	3.90E+00	1.00E-03	RAGSE
~Trisodium phosphate	7601-54-9	163.94	EPI																			4.92E-03	8.71E-01	2.09E+00	1.00E-03	RAGSE
Phosphine	7803-51-2	34	EPI	9.98E-01	2.44E-02	PHYSPROP	2.93E+04	EPI	1.39E+00	CRC89	1.88E-01	2.23E-05	WATER 9					-2.70E-01	OTHER	2.60E+05	PERRY	2.24E-03	1.63E-01	3.91E-01	1.00E-03	RAGSE
Phosphoric Acid	7664-38-2	98	EPI				3.00E-02	NIOSH	1.83E+00	PERRY										5.48E+06	CRC89	3.81E-03	3.72E-01	8.93E-01	1.00E-03	RAGSE
Phosphorus, White	7723-14-0	30.974	CRC89	8.60E-02	2.11E-03	ATSDR	2.50E-02	ATSDR	1.82E+00	CRC89	2.19E-01	2.77E-05	WATER 9	3.50E+00	BAES			3.08E+00	OTHER	3.00E+00	ATSDR	2.14E-03	1.57E-01	3.76E-01	1.00E-03	RAGSE
Phthalates																										
~Bis(2-ethylhexyl)phthalate	117-81-7	390.57	EPI	1.10E-05	2.70E-07	EPI	1.42E-07	EPI	9.81E-01	CRC89	1.73E-02	4.18E-06	WATER 9			1.20E+05	EPI	7.60E+00	EPI	2.70E-01	EPI	8.59E+00	1.62E+01	7.29E+01	1.13E+00	EPI
~Butylphthalyl Butylglycolate	85-70-1	336.39	EPI	1.26E-07	3.08E-09	EPI	1.67E-05	EPI	1.10E+00	LANGE	1.99E-02	4.90E-06	WATER 9			1.12E+04	EPI	4.15E+00	EPI	8.47E+00	EPI	8.18E-02	8.05E+00	1.93E+01	1.16E-02	EPI
~Dibutyl Phthalate	84-74-2	278.35	EPI	7.40E-05	1.81E-06	EPI	2.01E-05	EPI	1.05E+00	CRC89	2.14E-02	5.33E-06	WATER 9			1.16E+03	EPI	4.50E+00	EPI	1.12E+01	EPI	2.70E-01	3.81E+00	9.14E+00	4.20E-02	EPI
~Diethyl Phthalate	84-66-2	222.24	EPI	2.49E-05	6.10E-07	EPI	2.10E-03	EPI	1.23E+00	CRC89	2.61E-02	6.72E-06	WATER 9			1.05E+02	EPI	2.42E+00	EPI	1.08E+03	EPI	2.06E-02	1.85E+00	4.43E+00	3.60E-03	EPI
~Dimethylterephthalate	120-61-6	194.19	EPI	5.48E-03	1.34E-04	EPI	1.00E-02	EPI	1.08E+00	CRC89	2.85E-02	6.72E-06	WATER 9			3.10E+01	EPI	2.25E+00	EPI	1.90E+01	EPI	2.14E-02	1.29E+00	3.09E+00	3.99E-03	EPI
~Octyl Phthalate, di-N-	117-84-0	390.57	EPI	1.05E-04	2.57E-06	EPI	1.00E-07	EPI			3.56E-02	4.15E-06	WATER 9			1.41E+05	EPI	8.10E+00	EPI	2.20E-02	EPI	1.85E+01	1.62E+01	7.46E+01	2.43E+00	EPI
~Phthalic Acid, P-	100-21-0	166.13	EPI	1.59E-11	3.88E-13	EPI	9.20E-06	EPI	1.51E+00	PERRY	4.87E-02	9.04E-06	WATER 9			7.92E+01	EPI	2.00E+00	EPI	1.50E+01	EPI	1.94E-02	8.96E-01	2.15E+00	3.91E-03	EPI
~Phthalic Anhydride	85-44-9	148.12	EPI	6.66E-07	1.63E-08	EPI	5.17E-04	EPI	1.53E+00	CRC89	5.95E-02	9.75E-06	WATER 9			1.00E+01	EPI	1.60E+00	EPI	6.20E+03	EPI	1.25E-02	7.10E-01	1.70E+00	2.67E-03	EPI
Picloram	1918-02-1	241.46	EPI	2.18E-12	5.33E-14	EPI	7.21E-11	EPI			4.90E-02	5.73E-06	WATER 9			3.88E+01	EPI	1.90E+00	EPI	4.30E+02	EPI	7.59E-03	2.37E+00	5.68E+00	1.27E-03	EPI
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	199.12	EPI	7.60E-13	1.86E-14	EPI	2.54E-07	EPI			5.57E-02	6.51E-06	WATER 9			2.27E+02	EPI	9.30E-01	EPI	1.40E+03	EPI	2.69E-03	1.37E+00	3.29E+00	4.96E-04	EPI
Pirimiphos, Methyl	29232-93-7	305.33	EPI	2.87E-05	7.01E-07	EPI	1.50E-05	EPI	1.17E+00	CRC89	2.15E-02	5.39E-06	WATER 9			3.75E+02	EPI	4.20E+00	EPI	8.60E+00	EPI	1.26E-01	5.39E+00	1.29E+01	1.87E-02	EPI
Polybrominated Biphenyls	59536-65-1																									
Polychlorinated Biphenyls (PCBs)																										
~Aroclor 1016	12674-11-2	257.55	EPI	8.18E-03	2.00E-04	EPI	4.00E-04	EPI	1.37E+00	ATSDR	2.54E-02	6.56E-06	WATER 9			4.77E+04	EPI	5.69E+00	EPI	4.20E-01	EPI	1.88E+00	2.91E+00	1.18E+01	3.05E-01	EPI
~Aroclor 1221	11104-28-2	188.66	EPI	3.01E-02	7.36E-04	EPI	1.38E-03	EPI	1.18E+00	ATSDR	3.25E-02	7.23E-06	WATER 9			8.40E+03	EPI	4.65E+00	EPI	1.50E+01	EPI	8.88E-01	1.20E+00	4.60E+00	1.68E-01	EPI
~Aroclor 1232	11141-16-5	188.66	EPI	3.01E-02	7.36E-04	EPI	1.38E-03	EPI	1.26E+00	ATSDR	3.34E-02	7.52E-06	WATER 9			8.40E+03	EPI	4.40E+00	EPI	1.45E+00	EPI	8.88E-01	1.20E+00	4.60E+00	1.68E-01	EPI
~Aroclor 1242	53469-21-9	291.99	EPI	7.77E-03	1.90E-04	EPI	8.63E-05	EPI	1.38E+00	ATSDR	2.39E-02	6.11E-06	WATER 9			7.81E+04	EPI	6.34E+00	EPI	2.77E-01	EPI	3.58E+00	4.54E+00	1.94E+01	5.45E-01	EPI
~Aroclor 1248	12672-29-6	291.99	EPI	1.80E-02	4.40E-04	EPI	4.94E-04	EPI	1.41E+00	HSDB	2.41E-02	6.18E-06	WATER 9			7.65E+04	EPI	6.20E+00	EPI	1.00E-01	EPI	3.12E+00	4.54E+00	1.92E+01	4.75E-01	EPI
~Aroclor 1254	11097-69-1	326.44	EPI	1.16E-02	2.83E-04	EPI	6.53E-06	EPI	1.54E+00	ATSDR	2.37E-02	6.10E-06	WATER 9			1.31E+05	EPI	6.50E+00	EPI	4.30E-02	EPI	5.22E+00	7.08E+00	3.11E+01	7.51E-01	EPI
~Aroclor 1260	11096-82-5	395.33	EPI	1.37E-02	3.36E-04	EPI	1.30E-07	EPI	1.62E+00	ATSDR	2.20E-02	5.61E-06	WATER 9			3.50E+05	EPI	7.55E+00	EPI	1.44E-02	EPI	7.54E+00	1.72E+01	7.71E+01	9.86E-01	EPI
~Aroclor 5460	11126-42-4	291.99	EPI	9.12E-03	2.23E-04	EPI	8.45E-06	EPI	1.65E+00	LookChem	2.59E-02	6.80E-06	WATER 9			8.13E+04	EPI	6.34E+00	EPI	3.22E-02	EPI	3.84E+00	4.54E+00	1.95E+01	5.84E-01	EPI
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	395.33	EPI	5.64E-03	1.38E-04	EPI	1.30E-07	EPI	1.66E+00	LookChem	2.23E-02	5.69E-06	WATER 9			3.50E+05	EPI	8.27E+00	EPI	7.53E-04	EPI	2.26E+01	1.72E+01	7.96E+01	2.96E+00	EPI
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	360.88	EPI	6.62E-03	1.62E-04	EPI	5.81E-07	EPI	1.59E+00	LookChem	2.29E-02	5.86E-06	WATER 9			2.09E+05	EPI	7.50E+00	EPI	2.23E-03	EPI	1.04E+01	1.10E+01	5.01E+01	1.43E+00	EPI
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	360.88	EPI	6.62E-03	1.62E-04	EPI	5.81E-07	EPI	1.59E+00	I	2.29E-02	5.86E-06	WATER 9			2.14E+05	EPI	7.60E+00	EPI	1.65E-03	EPI	1.21E+01	1.10E+01	5.03E+01	1.66E+00	EPI
~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	360.88	EPI	5.85E-03	1.43E-04	EPI	1.61E-06	EPI	1.59E+00	LookChem	2.29E-02	5.86E-06	WATER 9			2.14E+05	EPI	7.60E+00	EPI	5.33E-03	EPI	1.21E+01	1.10E+01	5.03E+01	1.66E+00	EPI
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	360.88	EPI	6.62E-03	1.62E-04	EPI	5.81E-07	EPI	1.59E+00	LookChem	2.29E-02	5.86E-06	WATER 9			2.09E+05	EPI	7.41E+00	EPI	5.10E-04	EPI	9.06E+00	1.10E+01	4.98E+01	1.24E+00	EPI
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	326.44	EPI	7.77E-03	1.90E-04	EPI	5.47E-06	EPI	1.52E+00	LookChem	2.36E-02	6.06E-06	WATER 9			1.31E+05	EPI	6.98E+00	EPI	1.60E-02	EPI	6.95E+00	7.08E+00	3.16E+01	1.00E+00	EPI
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 118)	31508-00-6	326.44	EPI	1.18E-02	2.88E-04	EPI	8.97E-06	EPI	1.52E+00	LookChem	2.36E-02	6.06E-06	WATER 9			1.28E+05	EPI	7.12E+00	EPI	1.34E-02	EPI	8.62E+00	7.08E+00	3.19E+01	1.24E+00	EPI
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	326.44	EPI	1.16E-02	2.83E-04	EPI	6.53E-06	EPI	1.52E+00	LookChem	2.36E-02	6.06E-06	WATER 9			1.31E+05	EPI	6.79E+00	EPI	3.40E-03	EPI	5.22E+00	7.08E+00	3.11E+01	7.51E-01	EPI
~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	326.44	EPI	7.77E-03	1.90E-04	EPI	5.47E-06	EPI	1.52E+00	LookChem	2.36E-02	6.06E-06	WATER 9			1.31E+05	EPI	6.98E+00	EPI	1.60E-02	EPI	6.95E+00	7.08E+00	3.16E+01	1.00E+00	EPI
~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	326.44	EPI	7.77E-03	1.90E-04	EPI	2.22E-06	EPI	1.52E+00	LookChem	2.36E-02	6.06E-06	WATER 9			1.28E+05	EPI	6.98E+00	EPI	7.33E-03	EPI	6.95E+00	7.08E+00	3.16E+01	1.00E+00	EPI
~Polychlorinated Biphenyls (high risk)	1336-36-3	291.99	EPI	7.77E-03	1.90E-04	EPI	8.63E-05	EPI	1.44E+00	HSDB	2.43E-02	6.27E-06	WATER 9			7.81E+04	EPI	7.10E+00	EPI	7.00E-01	SSL	3.58E+00	4.54E+00	1.94E+01	5.45E-01	EPI
~Polychlorinated Biphenyls (low risk)	1336-36-3	291.99	EPI	7.77E-03	1.90E-04	EPI	8.63E-05	EPI	1.44E+00	HSDB	2.43E-02	6.27E-06	WATER 9			7.81E+04	EPI	7.10E+00	EPI	7.00E-01	SSL	3.58E+00	4.54E+00	1.94E+01	5.45E-01	EPI
~Polychlorinated Biphenyls (lowest risk)	1336-36-3	291.99	EPI	7.77E-03	1.90E-04	EPI	8.63E-05	EPI	1.44E+00	HSDB	2.43E-02	6.27E-06	WATER 9			7.81E+04	EPI	7.10E+00	EPI	7.00E-01	SSL	3.58E+00	4.54E+00	1.94E+01	5.45E-01	EPI
~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	291.99	EPI	3.84E-04	9.40E-06	EPI	1.64E-05	EPI			4.32E-02	5.04E-06	WATER 9			7.81E+04	EPI	6.63E+00	EPI	5.69E-04	EPI	6.03E+00	4.54E+00	2.01E+01	9.17E-01	EPI
~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	291.99	EPI	9.12E-03	2.23E-04	EPI	8.45E-06	EPI	1.44E+00	LookChem	2.43E-02	6.27E-06	WATER 9			7.81E+04	EPI	6.34E+00	EPI	3.22E-02	EPI	3.84E+00	4.54E+00	1.95E+01	5.84E-01	EPI
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	512.53	EPI	5.40E-10	1.32E-11	EPI	5.41E-13	EPI			2.97E-02	3.47E-06	WATER 9			1.00E+10	EPI	1.05E+01	EPI	1.76E-06	EPI	1.62E+02	7.80E+01	3.67E+02	1.86E+01	EPI
Polynuclear Aromatic Hydrocarbons (PAHs)																										
~Acenaphthene	83-32-9	154.21	EPI	7.52E-03	1.84E-04	EPI	2.15E-03	EPI	1.22E+00	CRC89	5.06E-02	8.33E-06	WATER 9			5.03E+03	EPI	3.92E+00	EPI	3.90E+00	EPI	4.11E-01	7.68E-01	1.84E+00	8.60E-02	EPI
~Anthracene	120-12-7	178.24	EPI	2.27E-03	5.56E-05	EPI	6.53E-06	EPI	1.28E+00	CRC89	3.90E-02	7.85E-06	WATER 9			1.64E+04	EPI	4.45E+00	EPI	4.34E-02	EPI	7.29E-01	1.05E+00	4.05E+00	1.42E-01	EPI
~Benz[a]anthracene	56-55-3	228.3	EPI	4.91E-04	1.20E-05	EPI	2.10E-07	EPI	1.27E+00	PubChem	2.61E-02	6.75E-06	WATER 9			1.77E+05	EPI	5.76E+00	EPI	9.40E-03	EPI	3.21E+00	2.00E+00	8.48E+00	5.52E-01	EPI
~Benzo(j)fluoranthene	205-82-3	252.32	EPI	8.30E-06	2.03E-07	EPI	2.62E-08	EPI			4.76E-02	5.56E-06	WATER 9			5.99E+05	EPI	6.11E+00	EPI	2.50E-03	EPI	4.22E+00	2.72E+00	1.18E+01	6.90E-01	EPI
~Benzo[a]pyrene	50-32-8	252.32	EPI	1.87E-05	4.57E-07	EPI	5.49E-09	EPI			4.76E-02	5.56E-06	WATER 9			5.87E+05	EPI	6.13E+00	EPI	1.62E-03	EPI	4.36E+00	2.72E+00	1.18E+01	7.13E-01	EPI
~Benzo[b]fluoranthene	205-99-2	252.32	EPI	2.69E-05	6.57E-07	EPI	5.00E-07	EPI			4.76E-02	5.56E-06	WATER 9			5.99E+05	EPI	5.78E+00	EPI	1.50E-03	EPI	2.55E+00	2.72E+00	1.13E+01	4.17E-01	EPI
~Benzo[k]fluoranthene	207-08-9	252.32	EPI	2.39E-05	5.84E-07	EPI	9.65E-10	EPI			4.76E-02	5.56E-06	WATER 9			5.87E+05	EPI	6.11E+00	EPI	8.00E-04	EPI	4.22E+00	2.72E+00	1.18E+01	6.91E-01	EPI
~Chloronaphthalene, Beta-	91-58-7	162.62	EPI	1.31E-02	3.20E-04	EPI	1.22E-02	EPI	1.14E+00	CRC89	4.47E-02	7.73E-06	WATER 9			2.48E+03	EPI	3.90E+00	EPI	1.17E+01	EPI	3.67E-01	8.56E-01	2.05E+00	7.49E-02	EPI
~Chrysene	218-01-9	228.3	EPI	2.14E-04	5.23E-06	EPI	6.23E-09	EPI	1.27E+00	CRC89	2.61E-02	6.75E-06	WATER 9			1.81E+05	EPI	5.81E+00	EPI	2.00E-03	EPI	3.46E+00	2.00E+00	8.53E+00	5.96E-01	EPI
~Dibenz[a,h]anthracene	53-70-3	278.36	EPI	5.76E-06	1.41E-07	EPI	9.55E-10	EPI			4.46E-02	5.21E-06	WATER 9			1.91E+06	EPI	6.75E+00	EPI	2.49E-03	EPI	6.12E+00	3.81E+00	1.69E+01	9.53E-01	EPI
~Dibenzo(a,e)pyrene	192-65-4	302.38	EPI	5.76E-07	1.41E-08	EPI	7.03E-11	EPI			4.22E-02	4.93E-06	WATER 9			6.48E+06	EPI	7.71E+00	EPI	4.25E-05	EPI	2.80E+01	5.19E+00	2.41E+01	4.19E+00	EPI
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	256.35	EPI	1.54E-04	3.76E-06	EPI	2.53E-07	EPI			4.71E-02	5.50E-06	WATER 9			4.94E+05	EPI	5.80E+00	EPI	6.10E-02	EPI	2.51E+00	2.87E+00	1.19E+01	4.08E-01	EPI
~Fluoranthene	206-44-0	202.26	EPI	3.62E-04	8.86E-06	EPI	9.22E-06	EPI	1.25E+00	CRC89	2.76E-02	7.18E-06	WATER 9			5.55E+04	EPI	5.16E+00	EPI	2.60E-01	EPI	1.68E+00	1.43E+00	5.73E+00	3.08E-01	EPI
~Fluorene	86-73-7	166.22	EPI	3.93E-03	9.62E-05	EPI	6.00E-04	EPI	1.20E+00	CRC89	4.40E-02	7.89E-06	WATER 9			9.16E+03	EPI	4.18E+00	EPI	1.69E+00	EPI	5.45E-01	8.97E-01	2.15E+00	1.10E-01	EPI
~Indeno[1,2,3-cd]pyrene	193-39-5	276.34	EPI	1.42E-05	3.48E-07	EPI	1.25E-10	EPI			4.48E-02	5.23E-06	WATER 9			1.95E+06	EPI	6.70E+00	EPI	1.90E-04	EPI	7.93E+00	3.71E+00	1.67E+01	1.24E+00	EPI
~Methylnaphthalene, 1-	90-12-0	142.2	EPI	2.10E-02	5.14E-04	EPI	6.70E-02	EPI	1.02E+00	CRC89	5.28E-02	7.85E-06	WATER 9			2.53E+03	EPI	3.87E+00	EPI	2.58E+01	EPI	4.27E-01	6.58E-01	1.58E+00	9.31E-02	EPI
~Methylnaphthalene, 2-	91-57-6	142.2	EPI	2.12E-02	5.18E-04	EPI	5.50E-02	EPI	1.01E+00	CRC89	5.24E-02	7.78E-06	WATER 9			2.48E+03	EPI	3.86E+00	EPI	2.46E+01	EPI	4.21E-01	6.58E-01	1.58E+00	9.17E-02	EPI
~Naphthalene	91-20-3	128.18	EPI	1.80E-02	4.40E-04	EPI	8.50E-02	EPI	1.03E+00	CRC89	6.05E-02	8.38E-06	WATER 9			1.54E+03	EPI	3.30E+00	EPI	3.10E+01	EPI	2.03E-01	5.49E-01	1.32E+00	4.66E-02	EPI
~Nitropyrene, 4-	57835-92-4	247.26	EPI	1.00E-06	2.45E-08	EPI	5.52E-08	EPI			4.82E-02	5.64E-06	WATER 9			8.61E+04	EPI	4.75E+00	EPI	4.45E-02	EPI	5.58E-01	2.55E+00	6.12E+00	9.22E-02	EPI
~Pyrene	129-00-0	202.26	EPI	4.87E-04	1.19E-05	EPI	4.50E-06	EPI	1.27E+00	CRC89	2.78E-02	7.25E-06	WATER 9			5.43E+04	EPI	4.88E+00	EPI	1.35E-01	EPI	1.10E+00	1.43E+00	5.54E+00	2.01E-01	EPI
Potassium Perfluorobutane Sulfonate	29420-49-3	338.19	EPI				1.12E-08	EPI			3.91E-02	4.57E-06	WATER 9			1.77E+02	EPI	-3.30E-01	EPI	1.41E+00	EPI	2.10E-04	8.24E+00	1.98E+01	2.97E-05	EPI
Prochloraz	67747-09-5	376.67	EPI	6.70E-07	1.64E-08	EPI	1.13E-06	EPI			3.64E-02	4.26E-06	WATER 9			2.43E+03	EPI	4.10E+00	EPI	3.40E+01	EPI	4.78E-02	1.35E+01	3.25E+01	6.40E-03	EPI
Profluralin	26399-36-0	347.3	EPI	1.19E-02	2.90E-04	EPI	6.30E-05	EPI	1.38E+00	HSDB	2.18E-02	5.51E-06	WATER 9			3.05E+04	EPI	5.58E+00	EPI	1.00E-01	EPI	6.45E-01	9.26E+00	3.65E+01	9.00E-02	EPI
Prometon	1610-18-0	225.3	EPI	3.72E-08	9.09E-10	EPI	2.30E-06	EPI			5.13E-02	6.00E-06	WATER 9			1.37E+02	EPI	2.99E+00	EPI	7.50E+02	EPI	4.77E-02	1.92E+00	4.61E+00	8.27E-03	EPI
Prometryn	7287-19-6	241.36	EPI	4.87E-07	1.19E-08	EPI	1.24E-06	EPI	1.16E+00	CRC89	2.42E-02	6.16E-06	WATER 9			6.56E+02	EPI	3.51E+00	EPI	3.30E+01	EPI	8.90E-02	2.36E+00	5.67E+00	1.49E-02	EPI
Propachlor	1918-16-7	211.69	EPI	1.47E-05	3.60E-07	EPI	2.30E-04	EPI	1.24E+00	CRC89	2.68E-02	6.96E-06	WATER 9			2.05E+02	EPI	2.18E+00	EPI	5.80E+02	EPI	1.60E-02	1.61E+00	3.87E+00	2.86E-03	EPI
Propanil	709-98-8	218.08	EPI	6.99E-08	1.71E-09	EPI	9.08E-07	EPI	1.25E+00	CRC89	2.65E-02	6.86E-06	WATER 9			1.76E+02	EPI	3.07E+00	EPI	1.52E+02	EPI	5.85E-02	1.75E+00	4.20E+00	1.03E-02	EPI
Propargite	2312-35-8	350.48	EPI	2.62E-05	6.40E-07	EPI	3.00E-07	EPI	1.10E+00	CRC89	1.94E-02	4.78E-06	WATER 9			3.67E+04	EPI	5.00E+00	EPI	2.15E-01	EPI	2.56E-01	9.65E+00	2.32E+01	3.56E-02	EPI
Propargyl Alcohol	107-19-7	56.06	EPI	4.70E-05	1.15E-06	EPI	1.56E+01	EPI	9.48E-01	CRC89	1.17E-01	1.31E-05	WATER 9			1.90E+00	EPI	-3.80E-01	EPI	1.00E+06	EPI	1.22E-03	2.17E-01	5.20E-01	4.24E-04	EPI
Propazine	139-40-2	229.71	EPI	1.88E-07	4.60E-09	EPI	1.31E-07	EPI	1.16E+00	CRC89	2.49E-02	6.36E-06	WATER 9			3.44E+02	EPI	2.93E+00	EPI	8.60E+00	EPI	4.16E-02	2.03E+00	4.88E+00	7.13E-03	EPI
Propham	122-42-9	179.22	EPI	7.52E-06	1.84E-07	EPI	1.40E-04	EPI	1.09E+00	CRC89	3.58E-02	7.11E-06	WATER 9			2.19E+02	EPI	2.60E+00	EPI	1.79E+02	EPI	4.25E-02	1.06E+00	2.55E+00	8.26E-03	EPI
Propiconazole	60207-90-1	342.23	EPI	7.03E-08	1.72E-09	EPI	4.20E-07	EPI	1.27E+00	CRC89	2.11E-02	5.28E-06	WATER 9			1.56E+03	EPI	3.72E+00	EPI	1.10E+02	EPI	3.97E-02	8.68E+00	2.08E+01	5.58E-03	EPI
Propionaldehyde	123-38-6	58.08	EPI	3.00E-03	7.34E-05	EPI	3.17E+02	EPI	8.66E-01	CRC89	1.10E-01	1.22E-05	WATER 9			1.00E+00	EPI	5.90E-01	EPI	3.06E+05	EPI	5.33E-03	2.22E-01	5.34E-01	1.82E-03	EPI
Propyl benzene	103-65-1	120.2	EPI	4.29E-01	1.05E-02	EPI	3.42E+00	EPI	8.59E-01	CRC89	6.02E-02	7.83E-06	WATER 9			8.13E+02	EPI	3.69E+00	EPI	5.22E+01	EPI	3.96E-01	4.95E-01	1.19E+00	9.39E-02	EPI
Propylene	115-07-1	42.08	EPI	8.01E+00	1.96E-01	EPI	8.69E+03	EPI	5.05E-01	CRC89	1.10E-01	1.07E-05	WATER 9			2.17E+01	EPI	1.77E+00	EPI	2.00E+02	EPI	3.39E-02	1.81E-01	4.34E-01	1.36E-02	EPI
Propylene Glycol	57-55-6	76.1	EPI	5.27E-07	1.29E-08	EPI	1.29E-01	EPI	1.04E+00	CRC89	9.81E-02	1.15E-05	WATER 9			1.00E+00	EPI	-9.20E-01	EPI	1.00E+06	EPI	4.80E-04	2.81E-01	6.73E-01	1.43E-04	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Propylene Glycol Dinitrate	6423-43-4	166.09	EPI	3.85E-05	9.42E-07	EPI	3.78E-01	EPI			6.29E-02	7.35E-06	WATER 9			6.07E+01	EPI	1.59E+00	EPI	3.26E+03	EPI	1.03E-02	8.95E-01	2.15E+00	2.08E-03	EPI
Propylene Glycol Monoethyl Ether	1569-02-4	104.15	EPI	1.00E-06	2.45E-08	EPI	3.86E+00	EPI	8.96E-01	PubChem	7.09E-02	8.75E-06	WATER 9			1.30E+00	EPI	2.00E-03	EPI	7.90E+05	EPI	1.61E-03	4.03E-01	9.67E-01	4.09E-04	EPI
Propylene Glycol Monomethyl Ether	107-98-2	90.12	EPI	3.76E-05	9.20E-07	EPI	1.25E+01	EPI	9.62E-01	CRC89	8.31E-02	9.96E-06	WATER 9			1.00E+00	EPI	-4.90E-01	EPI	1.00E+06	EPI	1.36E-03	3.36E-01	8.07E-01	3.72E-04	RAGSE
Propylene Oxide	75-56-9	58.08	EPI	2.85E-03	6.96E-05	EPI	5.38E+02	EPI	8.31E-01	PERRY	1.09E-01	1.19E-05	WATER 9			5.19E+00	EPI	3.00E-02	EPI	5.90E+05	EPI	2.27E-03	2.22E-01	5.34E-01	7.74E-04	EPI
Pursuit	81335-77-5	289.34	EPI	4.25E-15	1.04E-16	EPI	2.27E-11	EPI			4.34E-02	5.07E-06	WATER 9			3.39E+02	EPI	2.60E+00	EPI	1.40E+03	EPI	1.31E-02	4.39E+00	1.05E+01	2.00E-03	EPI
Pydrin	51630-58-1	419.91	EPI	1.41E-06	3.45E-08	EPI	1.50E-09	EPI	1.15E+00	CRC89	1.81E-02	4.40E-06	WATER 9			3.17E+05	EPI	6.20E+00	EPI	2.40E-02	EPI	7.39E-01	2.36E+01	9.13E+01	9.38E-02	EPI
Pyridine	110-86-1	79.1	EPI	4.50E-04	1.10E-05	EPI	2.08E+01	EPI	9.82E-01	CRC89	9.31E-02	1.09E-05	WATER 9			7.17E+01	EPI	6.50E-01	EPI	1.00E+06	EPI	5.20E-03	2.92E-01	7.00E-01	1.52E-03	EPI
Quinalphos	13593-03-8	298.3	EPI	1.90E-06	4.64E-08	EPI	2.60E-06	EPI			4.26E-02	4.97E-06	WATER 9			4.19E+03	EPI	4.44E+00	EPI	2.20E+01	EPI	1.97E-01	4.92E+00	1.18E+01	2.96E-02	EPI
Quinoline	91-22-5	129.16	EPI	6.83E-05	1.67E-06	EPI	6.00E-02	EPI	1.10E+00	CRC89	6.18E-02	8.69E-06	WATER 9			1.54E+03	EPI	2.03E+00	EPI	6.11E+03	EPI	2.88E-02	5.56E-01	1.33E+00	6.59E-03	EPI
Refractory Ceramic Fibers	NA																								1.00E-03	RAGSE
Resmethrin	10453-86-8	338.45	EPI	5.44E-06	1.33E-07	EPI	1.40E-04	EPI			3.91E-02	4.57E-06	WATER 9			3.11E+05	EPI	6.14E+00	EPI	3.79E-02	EPI	1.68E+00	8.26E+00	3.32E+01	2.38E-01	EPI
Ronnel	299-84-3	321.54	EPI	1.31E-03	3.20E-05	EPI	7.50E-05	EPI	1.44E+00	CRC89	2.32E-02	5.91E-06	WATER 9			4.46E+03	EPI	4.88E+00	EPI	1.00E+00	EPI	2.97E-01	6.64E+00	1.59E+01	4.30E-02	EPI
Rotenone	83-79-4	394.43	EPI	4.58E-12	1.12E-13	EPI	6.94E-10	EPI			3.53E-02	4.13E-06	WATER 9			2.61E+05	EPI	4.10E+00	EPI	2.00E-01	EPI	3.89E-02	1.70E+01	4.08E+01	5.09E-03	EPI
Safrole	94-59-7	162.19	EPI	3.71E-04	9.07E-06	EPI	6.18E-02	EPI	1.10E+00	CRC89	4.42E-02	7.59E-06	WATER 9			2.07E+02	EPI	3.45E+00	EPI	5.90E+00	EPI	5.53E-02	8.51E-01	2.04E+00	1.13E-02	RAGSE
Savey	78587-05-0	352.88	EPI	9.69E-07	2.37E-08	EPI	2.55E-08	EPI			3.80E-02	4.45E-06	WATER 9			2.12E+03	EPI	5.57E+00	EPI	5.00E-01	EPI	5.98E-01	9.95E+00	2.39E+01	8.28E-02	EPI
Selenious Acid	7783-00-8	128.97	EPI						3.00E+00	CRC89										9.00E+05	PERRY	4.37E-03	5.55E-01	1.33E+00	1.00E-03	RAGSE
Selenium	7782-49-2	78.96	CRC89				1.42E-10	EPI	4.81E+00	CRC89				5.00E+00	SSL							3.42E-03	2.91E-01	6.99E-01	1.00E-03	RAGSE
Selenium Sulfide	7446-34-6	111.02	EPI																			4.05E-03	4.40E-01	1.06E+00	1.00E-03	RAGSE
Sethoxydim	74051-80-2	327.49	EPI	8.83E-10	2.16E-11	EPI	1.60E-07	EPI	1.04E+00	CRC89	1.96E-02	4.82E-06	WATER 9			4.37E+03	EPI	4.38E+00	EPI	2.50E+01	EPI	1.29E-01	7.17E+00	1.72E+01	1.85E-02	EPI
Silica (crystalline, respirable)	7631-86-9	60.08	EPI						2.32E+00	PERRY												2.98E-03	2.28E-01	5.48E-01	1.00E-03	RAGSE
Silver	7440-22-4	107.87	EPI				0.00E+00	NIOSH	1.05E+01	CRC89				8.30E+00	SSL							2.40E-03	4.23E-01	1.01E+00	6.00E-04	RAGSE
Simazine	122-34-9	201.66	EPI	3.85E-08	9.42E-10	EPI	2.21E-08	EPI	1.30E+00	CRC89	2.81E-02	7.37E-06	WATER 9			1.47E+02	EPI	2.18E+00	EPI	6.20E+00	EPI	1.78E-02	1.42E+00	3.40E+00	3.25E-03	EPI
Sodium Acifluorfen	62476-59-9	383.65	EPI	2.47E-09	6.05E-11	EPI	9.75E-09	EPI			3.60E-02	4.20E-06	WATER 9			3.88E+03	EPI	3.70E-01	EPI	2.50E+05	EPI	1.47E-04	1.48E+01	3.55E+01	1.95E-05	EPI
Sodium Azide	26628-22-8	65.01	EPI						1.85E+00	CRC89										4.08E+05	CRC89	3.10E-03	2.43E-01	5.84E-01	1.00E-03	RAGSE
Sodium Dichromate	10588-01-9	261.968	CRC89																	1.87E+06	CRC89	6.23E-03	3.08E+00	7.40E+00	1.00E-03	RAGSE
Sodium Diethyldithiocarbamate	148-18-5	171.25	EPI				1.43E-08	EPI			6.16E-02	7.20E-06	WATER 9			2.05E+02	EPI	-1.43E+00	EPI	4.28E+05	EPI	9.66E-05	9.57E-01	2.30E+00	1.92E-05	EPI
Sodium Fluoride	7681-49-4	41.99	EPI				0.00E+00	NIOSH	2.78E+00	CRC89										4.22E+04	EPI	2.49E-03	1.81E-01	4.34E-01	1.00E-03	RAGSE
Sodium Fluoroacetate	62-74-8	100.03	EPI	4.46E-05	1.09E-06	EPI	1.66E-07	EPI			8.82E-02	1.03E-05	WATER 9			1.44E+00	EPI	-3.78E+00	EPI	1.11E+06	EPI	5.08E-06	3.82E-01	9.17E-01	1.32E-06	EPI
Sodium Metavanadate	13718-26-8	121.93	CRC89																	2.10E+05	CRC89	4.25E-03	5.07E-01	1.22E+00	1.00E-03	RAGSE
Stirofos (Tetrachlorovinphos)	961-11-5	365.97	EPI	7.52E-08	1.84E-09	EPI	4.20E-08	EPI			3.71E-02	4.34E-06	WATER 9			1.38E+03	EPI	3.53E+00	EPI	1.10E+01	EPI	2.26E-02	1.18E+01	2.83E+01	3.07E-03	EPI
Strontium Chromate	7789-06-2	203.61	CRC89						3.90E+00	CRC89										1.06E+03	CRC89	5.49E-03	1.45E+00	3.49E+00	1.00E-03	RAGSE
Strontium, Stable	7440-24-6	87.62	EPI						2.64E+00	CRC89				3.50E+01	BAES							3.60E-03	3.25E-01	7.81E-01	1.00E-03	RAGSE
Strychnine	57-24-9	334.42	EPI	2.44E-12	5.96E-14	EPI	2.35E-10	EPI	1.36E+00	CRC89	2.21E-02	5.58E-06	WATER 9			5.40E+03	EPI	1.93E+00	EPI	1.60E+02	EPI	2.81E-03	7.85E+00	1.88E+01	3.99E-04	EPI
Styrene	100-42-5	104.15	EPI	1.12E-01	2.75E-03	EPI	6.40E+00	EPI	9.02E-01	CRC89	7.11E-02	8.78E-06	WATER 9			4.46E+02	EPI	2.95E+00	EPI	3.10E+02	EPI	1.46E-01	4.03E-01	9.67E-01	3.72E-02	EPI
Styrene-Acrylonitrile (SAN) Trimer	NA	210	OTHER						1.10E+00	PPRTV	2.55E-02	6.51E-06	WATER 9					3.10E+00	OTHER	8.49E+01	PPRTV	6.65E-02	1.58E+00	3.78E+00	1.19E-02	RAGSE
Sulfolane	126-33-0	120.17	EPI	1.98E-04	4.85E-06	EPI	4.09E-03	EPI	1.27E+00	CRC89	7.16E-02	9.91E-06	WATER 9			9.08E+00	EPI	-7.70E-01	EPI	2.93E+05	EPI	4.30E-04	4.95E-01	1.19E+00	1.02E-04	EPI
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	287.16	EPI	5.60E-06	1.37E-07	EPI	8.09E-07	EPI			4.37E-02	5.10E-06	WATER 9			2.86E+03	EPI	3.90E+00	EPI	5.12E-01	EPI	9.71E-02	4.27E+00	1.02E+01	1.49E-02	EPI
Sulfur Trioxide	7446-11-9	80.063	CRC89				2.63E+02	PubChem	1.90E+00	CRC89	1.21E-01	1.61E-05	WATER 9									3.44E-03	2.95E-01	7.09E-01	1.00E-03	RAGSE
Sulfuric Acid	7664-93-9	98.07	EPI				5.93E-05	EPI	1.83E+00	CRC89										1.00E+06	EPI	3.81E-03	3.72E-01	8.94E-01	1.00E-03	RAGSE
Systhane	88671-89-0	288.78	EPI	1.75E-07	4.28E-09	EPI	1.60E-06	EPI			4.35E-02	5.08E-06	WATER 9			6.08E+03	EPI	2.94E+00	EPI	1.42E+02	EPI	2.20E-02	4.36E+00	1.05E+01	3.37E-03	EPI
TCMTB	21564-17-0	238.34	EPI	2.65E-10	6.49E-12	EPI	3.12E-07	EPI			4.94E-02	5.78E-06	WATER 9			3.37E+03	EPI	3.30E+00	EPI	1.25E+02	EPI	6.65E-02	2.27E+00	5.45E+00	1.12E-02	EPI
Tebuthiuron	34014-18-1	228.31	EPI	4.91E-09	1.20E-10	EPI	2.00E-06	EPI			5.09E-02	5.94E-06	WATER 9			4.24E+01	EPI	1.79E+00	EPI	2.50E+03	EPI	7.38E-03	2.00E+00	4.79E+00	1.27E-03	EPI
Temephos	3383-96-8	466.46	EPI	8.01E-08	1.96E-09	EPI	7.91E-08	EPI	1.32E+00	CRC89	1.83E-02	4.49E-06	WATER 9			9.51E+04	EPI	5.96E+00	EPI	2.70E-01	EPI	2.87E-01	4.31E+01	1.03E+02	3.45E-02	EPI
Terbacil	5902-51-2	216.67	EPI	4.91E-09	1.20E-10	EPI	4.70E-07	EPI	1.34E+00	CRC89	2.75E-02	7.18E-06	WATER 9			5.01E+01	EPI	1.89E+00	EPI	7.10E+02	EPI	9.74E-03	1.72E+00	4.12E+00	1.72E-03	EPI
Terbufos	13071-79-9	288.42	EPI	9.81E-04	2.40E-05	EPI	3.20E-04	EPI	1.11E+00	CRC89	2.16E-02	5.39E-06	WATER 9			9.99E+02	EPI	4.48E+00	EPI	5.07E+00	EPI	2.34E-01	4.34E+00	1.04E+01	3.58E-02	EPI
Terbutryn	886-50-0	241.36	EPI	8.79E-07	2.15E-08	EPI	1.69E-06	EPI	1.12E+00	CRC89	2.38E-02	6.03E-06	WATER 9			6.07E+02	EPI	3.74E+00	EPI	2.50E+01	EPI	1.27E-01	2.36E+00	5.67E+00	2.12E-02	EPI
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	485.8	EPI	3.47E-04	8.48E-06	EPI	7.00E-08	EPI			3.07E-02	3.59E-06	WATER 9			1.32E+04	EPI	6.77E+00	EPI	5.42E-02	EPI	7.88E-01	5.52E+01	2.13E+02	9.29E-02	EPI
Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	EPI	4.09E-02	1.00E-03	EPI	5.40E-03	EPI	1.86E+00	CRC89	3.19E-02	8.75E-06	WATER 9			2.22E+03	EPI	4.64E+00	EPI	5.95E-01	EPI	6.61E-01	1.70E+00	6.68E+00	1.17E-01	EPI
Tetrachloroethane, 1,1,1,2-	630-20-6	167.85	EPI	1.02E-01	2.50E-03	EPI	1.20E+01	EPI	1.54E+00	CRC89	4.82E-02	9.10E-06	WATER 9			8.60E+01	EPI	2.93E+00	YAWS	1.07E+03	EPI	7.92E-02	9.16E-01	2.20E+00	1.59E-02	EPI
Tetrachloroethane, 1,1,2,2-	79-34-5	167.85	EPI	1.50E-02	3.67E-04	EPI	4.62E+00	EPI	1.60E+00	CRC89	4.89E-02	9.29E-06	WATER 9			9.49E+01	EPI	2.39E+00	EPI	2.83E+03	EPI	3.46E-02	9.16E-01	2.20E+00	6.94E-03	EPI
Tetrachloroethylene	127-18-4	165.83	EPI	7.24E-01	1.77E-02	EPI	1.85E+01	EPI	1.62E+00	CRC89	5.05E-02	9.46E-06	WATER 9			9.49E+01	EPI	3.40E+00	EPI	2.06E+02	EPI	1.65E-01	8.92E-01	2.14E+00	3.34E-02	EPI
Tetrachlorophenol, 2,3,4,6-	58-90-2	231.89	EPI	3.61E-04	8.84E-06	EPI	6.66E-04	EPI			5.03E-02	5.88E-06	WATER 9			2.97E+03	EPI	4.45E+00	EPI	2.30E+01	EPI	4.16E-01	2.09E+00	5.02E+00	7.10E-02	EPI
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	229.92	EPI	7.89E-03	1.93E-04	EPI	2.49E-02	EPI	1.45E+00	CRC89	2.76E-02	7.25E-06	WATER 9			1.61E+03	EPI	4.54E+00	EPI	6.11E+00	EPI	4.88E-01	2.04E+00	4.89E+00	8.36E-02	EPI
Tetraethyl Dithiopyrophosphate	3689-24-5	322.31	EPI	1.82E-04	4.45E-06	EPI	1.05E-04	EPI	1.20E+00	CRC89	2.12E-02	5.28E-06	WATER 9			2.66E+02	EPI	3.99E+00	EPI	3.00E+01	EPI	7.53E-02	6.71E+00	1.61E+01	1.09E-02	EPI
Tetrafluoroethane, 1,1,1,2-	811-97-2	102.03	EPI	2.04E+00	5.00E-02	EPI	4.99E+03	EPI	1.21E+00	CRC89	8.23E-02	1.06E-05	WATER 9			8.60E+01	EPI	1.68E+00	YAWS	1.09E+03	EPI	2.13E-02	3.92E-01	9.41E-01	5.48E-03	EPI
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	287.15	EPI	1.11E-07	2.71E-09	EPI	1.17E-07	EPI	1.57E+00	CRC89	2.56E-02	6.67E-06	WATER 9			4.61E+03	EPI	1.64E+00	EPI	7.40E+01	EPI	3.09E-03	4.26E+00	1.02E+01	4.74E-04	EPI
Thallium (I) Nitrate	10102-45-1	266.39	EPI						5.55E+00	CRC89										9.55E+04	EPI	6.28E-03	3.26E+00	7.83E+00	1.00E-03	RAGSE
Thallium (Soluble Salts)	7440-28-0	204.38	EPI						1.18E+01	CRC89				7.10E+01	SSL							5.50E-03	1.47E+00	3.52E+00	1.00E-03	RAGSE
Thallium Acetate	563-68-8	263.427	CRC89				1.47E+01	PhysProp	3.68E+00	CRC89	3.89E-02	1.17E-05	WATER 9					-1.70E-01	OTHER	2.80E+04	PhysProp	2.49E-04	3.14E+00	7.54E+00	3.99E-05	EPI
Thallium Carbonate	6533-73-9	468.78	EPI				1.00E-06	PubChem	7.11E+00	CRC89	3.93E-02	1.23E-05	WATER 9							5.20E+04	EPI	8.18E-06	4.44E+01	1.06E+02	9.82E-07	EPI
Thallium Chloride	7791-12-0	239.84	EPI						7.00E+00	CRC89	5.25E-02	1.82E-05	WATER 9							2.90E+03	EPI	5.96E-03	2.32E+00	5.56E+00	1.00E-03	RAGSE
Thallium Sulfate	7446-18-6	504.82	EPI						6.77E+00	CRC89										5.47E+04	CRC89	8.64E-03	7.06E+01	1.69E+02	1.00E-03	RAGSE
Thiobencarb	28249-77-6	257.78	EPI	1.09E-05	2.67E-07	EPI	2.20E-05	EPI	1.16E+00	CRC89	2.35E-02	5.93E-06	WATER 9			1.63E+03	EPI	3.40E+00	EPI	2.80E+01	EPI	6.30E-02	2.92E+00	7.01E+00	1.02E-02	EPI
Thiodiglycol	111-48-8	122.18	EPI	1.12E-11	2.74E-13	EPI	3.23E-03	EPI	1.18E+00	CRC89	6.80E-02	9.38E-06	WATER 9			1.00E+00	EPI	-6.30E-01	EPI	1.00E+06	EPI	5.23E-04	5.08E-01	1.22E+00	1.23E-04	EPI
Thiofanox	39196-18-4	218.32	EPI	3.84E-07	9.39E-09	EPI	1.70E-04	EPI			5.24E-02	6.12E-06	WATER 9			7.24E+01	EPI	2.16E+00	EPI	5.20E+03	EPI	3.56E-02	1.76E+00	4.21E+00	6.27E-03	EPI
Thiophanate, Methyl	23564-05-8	342.39	EPI	4.95E-08	1.21E-09	EPI	7.13E-08	EPI			3.88E-02	4.54E-06	WATER 9			3.27E+02	EPI	1.40E+00	EPI	2.66E+01	EPI	1.14E-03	8.69E+00	2.09E+01	1.60E-04	EPI
Thiram	137-26-8	240.42	EPI	7.44E-06	1.82E-07	EPI	1.73E-05	EPI	1.29E+00	PERRY	2.56E-02	6.59E-06	WATER 9			6.11E+02	EPI	1.73E+00	EPI	3.00E+01	EPI	5.90E-03	2.33E+00	5.60E+00	9.90E-04	EPI
Tin	7440-31-5	118.71	CRC89				0.00E+00	NIOSH	7.29E+00	CRC89				2.50E+02	BAES							4.19E-03	4.86E-01	1.17E+00	1.00E-03	RAGSE
Titanium Tetrachloride	7550-45-0	189.679	CRC89				1.00E+01	ATSDR	1.73E+00	CRC89	3.80E-02	9.06E-06	WATER 9									5.30E-03	1.21E+00	2.91E+00	1.00E-03	RAGSE
Toluene	108-88-3	92.14	EPI	2.71E-01	6.64E-03	EPI	2.84E+01	EPI	8.62E-01	CRC89	7.78E-02	9.20E-06	WATER 9			2.34E+02	EPI	2.73E+00	EPI	5.26E+02	EPI	1.15E-01	3.45E-01	8.28E-01	3.11E-02	EPI
Toluene-2,5-diamine	95-70-5	122.17	EPI	3.89E-08	9.52E-10	EPI	3.40E-03	EPI			7.72E-02	9.02E-06	WATER 9			5.54E+01	EPI	1.60E-01	EPI	1.38E+04	EPI	1.74E-03	5.08E-01	1.22E+00	4.10E-04	EPI
Toluidine, p-	106-49-0	107.16	EPI	8.26E-05	2.02E-06	EPI	2.86E-01	EPI	9.62E-01	CRC89	7.12E-02	8.98E-06	WATER 9			1.13E+02	EPI	1.39E+00	EPI	6.50E+03	EPI	1.31E-02	4.19E-01	1.00E+00	3.29E-03	EPI
Total Petroleum Hydrocarbons (Aliphatic High)	NA	170.34	EPI	3.34E+02	8.18E+00	EPI	1.35E-01	EPI			6.18E-02	7.22E-06	WATER 9			4.82E+03	EPI	6.10E+00	EPI	3.70E-03	EPI	9.84E+00	9.46E-01	4.28E+00	1.96E+00	EPI
Total Petroleum Hydrocarbons (Aliphatic Low)	NA	86.18	EPI	7.36E+01	1.80E+00	EPI	1.51E+02	EPI	6.61E-01	CRC89	7.31E-02	8.17E-06	WATER 9			1.32E+02	EPI	3.90E+00	EPI	9.50E+00	EPI	7.18E-01	3.19E-01	1.24E+00	2.01E-01	EPI
Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	128.26	EPI	1.39E+02	3.40E+00	EPI	4.45E+00	EPI	7.19E-01	CRC89	5.14E-02	6.77E-06	WATER 9			7.96E+02	EPI	5.65E+00	EPI	2.20E-01	EPI	7.40E+00	5.50E-01	2.46E+00	1.70E+00	EPI
Total Petroleum Hydrocarbons (Aromatic High)	NA	202.26	EPI	3.62E-04	8.86E-06	EPI	9.22E-06	EPI	1.25E+00	CRC89	2.76E-02	7.18E-06	WATER 9			5.55E+04	EPI	5.16E+00	EPI	2.60E-01	EPI	1.68E+00	1.43E+00	5.73E+00	3.08E-01	EPI
Total Petroleum Hydrocarbons (Aromatic Low)	NA	78.11	EPI	2.27E-01	5.55E-03	EPI	9.48E+01	EPI	8.77E-01	CRC89	8.95E-02	1.03E-05	WATER 9			1.46E+02	EPI	2.13E+00	EPI	1.79E+03	EPI	5.06E-02	2.88E-01	6.91E-01	1.49E-02	EPI
Total Petroleum Hydrocarbons (Aromatic Medium)	NA	135.19	EPI	1.96E-02	4.79E-04	EPI	7.00E-02	EPI	1.02E+00	CRC89	5.64E-02	8.07E-06	WATER 9			2.01E+03	EPI	3.58E+00	EPI	2.78E+01	EPI	3.09E-01	6.01E-01	1.44E+00	6.92E-02	EPI
Toxaphene	8001-35-2	413.82	EPI	2.45E-04	6.00E-06	EPI	1.42E-06	EPI			3.42E-02	4.00E-06	WATER 9			7.72E+04	EPI	5.90E+00	EPI	7.40E-01	SSL	4.05E-01	2.18E+01	5.24E+01	5.18E-02	EPI
Tralomethrin	66841-25-6	665.02	EPI	1.61E-08	3.94E-10	EPI	3.60E-11	EPI			2.49E-02	2.91E-06	WATER 9			1.91E+05	EPI	7.56E+00	EPI	8.00E-02	EPI	3.03E-01	5.57E+02	1.34E+03	3.05E-02	EPI
Tri-n-butyltin	688-73-3	291.07	EPI	6.21E+01	1.52E+00	EPI	3.99E-02	EPI	1.10E+00	CRC89	2.15E-02	5.35E-06	WATER 9			8.09E+03	EPI	4.10E+00	EPI	8.25E-01	EPI	1.27E-01	4.49E+00	1.08E+01	1.93E-02	EPI
Triacetin	102-76-1	218.21	EPI	5.03E-07	1.23E-08	EPI	2.48E-03	EPI	1.16E+00	CRC89	2.56E-02	6.55E-06	WATER 9			4.07E+01	EPI	2.50E-01	EPI	5.80E+04	EPI	7.78E-04	1.75E+00	4.21E+00	1.37E-04	EPI
Triallate	2303-17-5	304.66	EPI	4.91E-04	1.20E-05	EPI	1.20E-04	EPI	1.27E+00	CRC89	2.25E-02	5.67E-06	WATER 9			1.01E+03	EPI	4.60E+00	EPI	4.00E+00	EPI	2.34E-01	5.34E+00	1.28E+01	3.49E-02	EPI

Contaminant		Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m^3/mole)	H' and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	Dia Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (L/kg)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t (hr)	K_p (cm/hr)	KPREF
Triasulfuron	82097-50-5	401.83	EPI	1.32E-11	3.23E-13	EPI	5.53E-12	EPI			3.49E-02	4.08E-06	WATER 9			4.27E+02	EPI	1.10E+00	EPI	3.20E+01	EPI	3.62E-04	1.87E+01	4.49E+01	4.69E-05	EPI
Tribromobenzene, 1,2,4-	615-54-3	314.8	EPI	1.59E-02	3.88E-04	EPI	4.84E-03	EPI	2.28E+00	ChemNet	2.90E-02	7.89E-06	WATER 9			6.14E+02	EPI	4.66E+00	EPI	4.90E+00	EPI	2.30E-01	6.09E+00	1.46E+01	3.37E-02	EPI
Tributyl Phosphate	126-73-8	266.32	EPI	5.76E-05	1.41E-06	EPI	1.13E-03	EPI	9.73E-01	CRC89	2.12E-02	5.23E-06	WATER 9			2.35E+03	EPI	4.00E+00	EPI	2.80E+02	EPI	1.43E-01	3.26E+00	7.82E+00	2.28E-02	EPI
Tributyltin Compounds	NA																									
Tributyltin Oxide	56-35-9	596.12	EPI	1.23E-05	3.02E-07	EPI	7.50E-06	EPI	1.17E+00	CRC89	1.51E-02	3.61E-06	WATER 9			2.59E+07	EPI	4.05E+00	EPI	1.95E+01	EPI	2.37E-03	2.29E+02	5.50E+02	2.52E-04	EPI
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	187.38	EPI	2.15E+01	5.26E-01	EPI	3.63E+02	EPI	1.56E+00	CRC89	3.76E-02	8.59E-06	WATER 9			1.97E+02	EPI	3.16E+00	EPI	1.70E+02	EPI	9.21E-02	1.18E+00	2.83E+00	1.75E-02	EPI
Trichloroacetic Acid	76-03-9	163.39	EPI	5.52E-07	1.35E-08	EPI	6.00E-02	EPI	1.61E+00	CRC89	5.17E-02	9.50E-06	WATER 9			3.23E+00	EPI	1.33E+00	EPI	5.46E+04	EPI	7.13E-03	8.65E-01	2.08E+00	1.45E-03	EPI
Trichloroaniline HCl, 2,4,6-	33663-50-2	232.93	EPI	2.94E-12	7.18E-14	EPI	6.13E-08	EPI			5.02E-02	5.86E-06	WATER 9			1.27E+03	EPI	-6.70E-01	EPI	2.10E+01	EPI	1.62E-04	2.12E+00	5.09E+00	2.76E-05	EPI
Trichloroaniline, 2,4,6-	634-93-5	196.46	EPI	5.48E-05	1.34E-06	EPI	4.44E-03	EPI			5.62E-02	6.57E-06	WATER 9			4.44E+03	EPI	3.52E+00	EPI	4.00E+01	EPI	1.46E-01	1.32E+00	3.18E+00	2.70E-02	EPI
Trichlorobenzene, 1,2,3-	87-61-6	181.45	EPI	5.11E-02	1.25E-03	EPI	2.10E-01	EPI	1.45E+00	CRC89	3.95E-02	8.38E-06	WATER 9			1.38E+03	EPI	4.05E+00	EPI	1.80E+01	EPI	3.82E-01	1.09E+00	2.62E+00	7.38E-02	EPI
Trichlorobenzene, 1,2,4-	120-82-1	181.45	EPI	5.81E-02	1.42E-03	EPI	4.60E-01	EPI	1.46E+00	CRC89	3.96E-02	8.40E-06	WATER 9			1.36E+03	EPI	4.02E+00	EPI	4.90E+01	EPI	3.65E-01	1.09E+00	2.62E+00	7.05E-02	EPI
Trichloroethane, 1,1,1-	71-55-6	133.41	EPI	7.03E-01	1.72E-02	EPI	1.24E+02	EPI	1.34E+00	CRC89	6.48E-02	9.60E-06	WATER 9			4.39E+01	EPI	2.49E+00	EPI	1.29E+03	EPI	5.60E-02	5.87E-01	1.41E+00	1.26E-02	EPI
Trichloroethane, 1,1,2-	79-00-5	133.41	EPI	3.37E-02	8.24E-04	EPI	2.30E+01	EPI	1.44E+00	CRC89	6.69E-02	1.00E-05	WATER 9			6.07E+01	EPI	1.89E+00	EPI	4.59E+03	EPI	2.24E-02	5.87E-01	1.41E+00	5.04E-03	EPI
Trichloroethylene	79-01-6	131.39	EPI	4.03E-01	9.85E-03	EPI	6.90E+01	EPI	1.46E+00	CRC89	6.87E-02	1.02E-05	WATER 9			6.07E+01	EPI	2.42E+00	EPI	1.28E+03	EPI	5.11E-02	5.72E-01	1.37E+00	1.16E-02	EPI
Trichlorofluoromethane	75-69-4	137.37	EPI	3.97E+00	9.70E-02	EPI	8.03E+02	EPI	1.49E+00	CRC89	6.54E-02	1.00E-05	WATER 9			4.39E+01	EPI	2.53E+00	EPI	1.10E+03	EPI	5.73E-02	6.18E-01	1.48E+00	1.27E-02	EPI
Trichlorophenol, 2,4,5-	95-95-4	197.45	EPI	6.62E-05	1.62E-06	EPI	7.50E-03	EPI	1.49E+00	PERRY	3.14E-02	8.09E-06	WATER 9			1.78E+03	EPI	3.72E+00	EPI	1.20E+03	EPI	1.96E-01	1.34E+00	3.22E+00	3.62E-02	EPI
Trichlorophenol, 2,4,6-	88-06-2	197.45	EPI	1.06E-04	2.60E-06	EPI	8.00E-03	EPI	1.49E+00	CRC89	3.14E-02	8.09E-06	WATER 9			1.78E+03	EPI	3.69E+00	EPI	8.00E+02	EPI	1.87E-01	1.34E+00	3.22E+00	3.46E-02	EPI
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	255.49	EPI	1.91E-06	4.66E-08	EPI	3.75E-05	EPI	1.80E+00	PubChem	2.89E-02	7.76E-06	WATER 9			1.07E+02	EPI	3.31E+00	EPI	2.78E+02	EPI	5.62E-02	2.84E+00	6.80E+00	9.14E-03	EPI
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	269.51	EPI	3.70E-07	9.06E-09	EPI	2.58E-06	EPI	1.21E+00	PubChem	2.34E-02	5.92E-06	WATER 9			1.75E+02	EPI	3.80E+00	EPI	7.10E+01	EPI	1.02E-01	3.40E+00	8.15E+00	1.61E-02	EPI
Trichloropropane, 1,1,2-	598-77-6	147.43	EPI	1.30E-02	3.17E-04	EPI	3.10E+00	EPI	1.37E+00	CRC89	5.72E-02	9.17E-06	WATER 9			9.49E+01	EPI	2.43E+00	EPI	1.90E+03	EPI	4.48E-02	7.04E-01	1.69E+00	9.60E-03	EPI
Trichloropropane, 1,2,3-	96-18-4	147.43	EPI	1.40E-02	3.43E-04	EPI	3.69E+00	EPI	1.39E+00	CRC89	5.75E-02	9.24E-06	WATER 9			1.16E+02	EPI	2.27E+00	EPI	1.75E+03	EPI	3.51E-02	7.04E-01	1.69E+00	7.52E-03	EPI
Trichloropropene, 1,2,3-	96-19-5	145.42	EPI	7.20E-01	1.76E-02	EPI	4.40E+00	EPI	1.41E+00	CRC89	5.91E-02	9.41E-06	WATER 9			1.16E+02	EPI	2.78E+00	EPI	4.84E+02	EPI	7.84E-02	6.86E-01	1.65E+00	1.69E-02	EPI
Tricresyl Phosphate (TCP)	1330-78-5	368.37	EPI	3.30E-05	8.08E-07	EPI	6.00E-07	EPI	1.15E+00	Yaws	1.94E-02	4.77E-06	WATER 9			4.71E+04	EPI	5.11E+00	EPI	3.60E-01	EPI	2.47E-01	1.22E+01	2.92E+01	3.34E-02	EPI
Tridiphane	58138-08-2	320.43	EPI	1.68E-05	4.10E-07	EPI	3.90E-04	EPI			4.06E-02	4.74E-06	WATER 9			3.45E+03	EPI	5.18E+00	EPI	1.17E+00	EPI	4.74E-01	6.55E+00	1.57E+01	6.89E-02	EPI
Triethylamine	121-44-8	101.19	EPI	6.09E-03	1.49E-04	EPI	5.71E+01	EPI	7.28E-01	CRC89	6.64E-02	7.86E-06	WATER 9			5.08E+01	EPI	1.45E+00	EPI	6.86E+04	EPI	1.51E-02	3.88E-01	9.31E-01	3.90E-03	EPI
Triethylene Glycol	112-27-6	150.18	EPI	1.05E-14	2.56E-16	EPI	1.32E-03	EPI	1.13E+00	CRC89	5.09E-02	8.06E-06	WATER 9			1.00E+01	EPI	-1.75E+00	EPI	1.00E+06	EPI	7.31E-05	7.29E-01	1.75E+00	1.55E-05	EPI
Trifluralin	1582-09-8	335.29	EPI	4.21E-03	1.03E-04	EPI	4.58E-05	EPI	1.36E+00	PubChem	2.21E-02	5.57E-06	WATER 9			1.64E+04	EPI	5.34E+00	EPI	1.84E-01	EPI	5.13E-01	7.93E+00	1.90E+01	7.28E-02	EPI
Trimethyl Phosphate	512-56-1	140.08	EPI	2.94E-07	7.20E-09	EPI	8.50E-01	EPI	1.21E+00	CRC89	5.83E-02	8.79E-06	WATER 9			1.06E+01	EPI	-6.50E-01	EPI	5.00E+05	EPI	4.32E-04	6.40E-01	1.54E+00	9.48E-05	EPI
Trimethylbenzene, 1,2,3-	526-73-8	120.2	EPI	1.78E-01	4.36E-03	EPI	1.69E+00	EPI	8.94E-01	CRC89	6.13E-02	8.02E-06	WATER 9			6.27E+02	EPI	3.66E+00	EPI	7.52E+01	EPI	3.78E-01	4.95E-01	1.19E+00	8.97E-02	EPI
Trimethylbenzene, 1,2,4-	95-63-6	120.2	EPI	2.52E-01	6.16E-03	EPI	2.10E+00	EPI	8.76E-01	CRC89	6.07E-02	7.92E-06	WATER 9			6.14E+02	EPI	3.63E+00	EPI	5.70E+01	EPI	3.61E-01	4.95E-01	1.19E+00	8.57E-02	EPI
Trimethylbenzene, 1,3,5-	108-67-8	120.2	EPI	3.59E-01	8.77E-03	EPI	2.10E+00	EPI	8.62E-01	CRC89	6.02E-02	7.84E-06	WATER 9			6.02E+02	EPI	3.42E+00	EPI	4.82E+01	EPI	2.62E-01	4.95E-01	1.19E+00	6.21E-02	EPI
Trinitrobenzene, 1,3,5-	99-35-4	213.11	EPI	2.66E-07	6.50E-09	EPI	6.44E-06	EPI	1.48E+00	CRC89	2.90E-02	7.69E-06	WATER 9			1.68E+03	EPI	1.18E+00	EPI	2.78E+02	EPI	3.41E-03	1.64E+00	3.94E+00	6.07E-04	EPI
Trinitrotoluene, 2,4,6-	118-96-7	227.13	EPI	8.50E-07	2.08E-08	EPI	8.02E-06	EPI	1.65E+00	CRC89	2.95E-02	7.92E-06	WATER 9			2.81E+03	EPI	1.60E+00	EPI	1.15E+02	EPI	5.58E-03	1.97E+00	4.72E+00	9.63E-04	EPI
Triphenylphosphine Oxide	791-28-6	278.29	EPI	2.15E-08	5.26E-10	EPI	2.60E-09	EPI	1.21E+00	CRC89	2.30E-02	5.82E-06	WATER 9			1.95E+03	EPI	2.83E+00	EPI	2.05E+02	EPI	2.10E-02	3.80E+00	9.13E+00	3.27E-03	EPI
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	430.91	EPI	1.07E-07	2.61E-09	EPI	2.86E-07	EPI			3.33E-02	3.89E-06	WATER 9			1.11E+04	EPI	3.65E+00	EPI	7.00E+00	EPI	1.27E-02	2.72E+01	6.53E+01	1.59E-03	EPI
Tris(1-chloro-2-propyl)phosphate	13674-84-5	327.57	EPI	2.44E-06	5.96E-08	EPI	5.64E-05	EPI			4.00E-02	4.67E-06	WATER 9			1.60E+03	EPI	2.59E+00	EPI	1.20E+03	EPI	8.35E-03	7.18E+00	1.72E+01	1.20E-03	EPI
Tris(2,3-dibromopropyl)phosphate	126-72-7	697.62	EPI	8.91E-04	2.18E-05	EPI	1.90E-04	EPI	2.27E+00	PubChem	1.94E-02	4.88E-06	WATER 9			9.71E+03	EPI	4.29E+00	EPI	8.00E+00	EPI	1.37E-03	8.48E+02	2.04E+03	1.35E-04	EPI
Tris(2-chloroethyl)phosphate	115-96-8	285.49	EPI	1.35E-04	3.29E-06	EPI	6.13E-02	EPI	1.39E+00	CRC89	2.42E-02	6.22E-06	WATER 9			3.88E+02	EPI	1.44E+00	EPI	7.00E+03	EPI	2.31E-03	4.17E+00	1.00E+01	3.55E-04	EPI
Tris(2-ethylhexyl)phosphate	78-42-2	434.65	EPI	3.21E-06	7.86E-08	EPI	8.25E-08	EPI	9.90E-01	CRC89	1.65E-02	3.94E-06	WATER 9			2.47E+06	EPI	9.49E+00	EPI	6.00E-01	EPI	9.30E+01	2.86E+01	1.34E+02	1.16E+01	EPI
Uranium (Soluble Salts)	NA	238.03	CRC89				0.00E+00	NIOSH	1.91E+01	CRC89				4.50E+02	BAES							5.93E-03	2.26E+00	5.43E+00	1.00E-03	RAGSE
Urethane	51-79-6	89.09	EPI	2.63E-06	6.43E-08	EPI	2.62E-01	EPI	9.86E-01	CRC89	8.48E-02	1.02E-05	WATER 9			1.21E+01	EPI	-1.50E-01	EPI	4.80E+05	EPI	1.43E-03	3.32E-01	7.96E-01	3.94E-04	EPI
Vanadium Pentoxide	1314-62-1	181.88	EPI				0.00E+00	NIOSH	3.35E+00	CRC89										7.00E+02	CRC89	5.19E-03	1.10E+00	2.63E+00	1.00E-03	RAGSE
Vanadium and Compounds	7440-62-2	50.94	EPI						6.00E+00	CRC89				1.00E+03	SSL							2.75E-03	2.03E-01	4.87E-01	1.00E-03	RAGSE
Vernolate	1929-77-7	203.35	EPI	1.26E-03	3.09E-05	EPI	1.04E-02	EPI	9.52E-01	CRC89	2.42E-02	6.07E-06	WATER 9			2.99E+02	EPI	3.84E+00	EPI	9.00E+01	EPI	2.21E-01	1.45E+00	3.47E+00	4.03E-02	EPI
Vinclozolin	50471-44-8	286.12	EPI	7.11E-07	1.74E-08	EPI	1.20E-07	EPI	1.51E+00	CRC89	2.51E-02	6.53E-06	WATER 9			2.84E+02	EPI	3.10E+00	EPI	2.60E+00	EPI	2.90E-02	4.21E+00	1.01E+01	4.46E-03	EPI
Vinyl Acetate	108-05-4	86.09	EPI	2.09E-02	5.11E-04	EPI	9.02E+01	EPI	9.26E-01	CRC89	8.49E-02	1.00E-05	WATER 9			5.58E+00	EPI	7.30E-01	EPI	2.00E+04	EPI	5.60E-03	3.19E-01	7.66E-01	1.57E-03	EPI
Vinyl Bromide	593-60-2	106.95	EPI	5.03E-01	1.23E-02	EPI	1.03E+03	EPI	1.49E+00	CRC89	8.62E-02	1.17E-05	WATER 9			2.17E+01	EPI	1.57E+00	EPI	1.04E+04	EPI	1.73E-02	4.18E-01	1.00E+00	4.35E-03	EPI
Vinyl Chloride	75-01-4	62.5	EPI	1.14E+00	2.78E-02	EPI	2.98E+03	EPI	9.11E-01	CRC89	1.07E-01	1.20E-05	WATER 9			2.17E+01	EPI	1.62E+00	YAWS	8.80E+03	EPI	2.55E-02	2.35E-01	5.65E-01	8.38E-03	EPI
Warfarin	81-81-2	308.34	EPI	1.13E-07	2.77E-09	EPI	1.16E-07	EPI			4.16E-02	4.86E-06	WATER 9			4.26E+02	EPI	2.70E+00	EPI	1.70E+01	EPI	1.23E-02	5.60E+00	1.35E+01	1.82E-03	EPI
Xylene, P-	106-42-3	106.17	EPI	2.82E-01	6.90E-03	EPI	8.84E+00	EPI	8.57E-01	CRC89	6.82E-02	8.42E-06	WATER 9			3.75E+02	EPI	3.15E+00	EPI	1.62E+02	EPI	1.95E-01	4.13E-01	9.92E-01	4.93E-02	EPI
Xylene, m-	108-38-3	106.17	EPI	2.94E-01	7.18E-03	EPI	8.29E+00	EPI	8.60E-01	CRC89	6.84E-02	8.44E-06	WATER 9			3.75E+02	EPI	3.20E+00	EPI	1.61E+02	EPI	2.11E-01	4.13E-01	9.92E-01	5.32E-02	EPI
Xylene, o-	95-47-6	106.17	EPI	2.12E-01	5.18E-03	EPI	6.61E+00	EPI	8.76E-01	CRC89	6.89E-02	8.53E-06	WATER 9			3.83E+02	EPI	3.12E+00	EPI	1.78E+02	EPI	1.87E-01	4.13E-01	9.92E-01	4.71E-02	EPI
Xylenes	1330-20-7	106.17	EPI	2.12E-01	5.18E-03	EPI	7.99E+00	EPI	8.64E-01	ATSDR	6.85E-02	8.46E-06	WATER 9			3.83E+02	EPI	3.16E+00	EPI	1.06E+02	EPI	1.98E-01	4.13E-01	9.92E-01	5.00E-02	EPI
Zinc Phosphide	1314-84-7	258.175	CRC89						4.55E+00	CRC89												3.71E-03	2.94E+00	7.04E+00	6.00E-04	RAGSE
Zinc and Compounds	7440-66-6	65.38	PERRY						7.13E+00	CRC89				6.20E+01	SSL							1.87E-03	2.44E-01	5.86E-01	6.00E-04	RAGSE
Zineb	12122-67-7	275.74	EPI	6.50E-09	1.59E-10	EPI	5.66E-09	EPI			4.48E-02	5.24E-06	WATER 9			1.35E+03	EPI	1.30E+00	EPI	1.00E+01	EPI	2.08E-03	3.68E+00	8.83E+00	3.25E-04	EPI
Zirconium	7440-67-7	91.22	EPI				0.00E+00	NIOSH	6.52E+00	CRC89				3.00E+03	BAES							3.67E-03	3.41E-01	8.18E-01	1.00E-03	RAGSE