APPENDIX F

TCLP Regulatory Limits and EPA RSLs for Industrial Soil

Toxicity Characteristic Leaching Procedure (TCLP) Regulatory Levels

METALS	TCLP Regulatory Level, mg/L	EPA Hazardous Waste Number	Recommended Test Method
Arsenic	5.0	D004	7061
Barium	100.0	D005	7080
Cadmium	1.0	D006	7130
Chromium	5.0	D007	7190
Lead	5.0	D008	7420
Mercury	0.2	D009	7471
Selenium	1.0	D010	7741
Silver	5.0	D011	7760

VOLATILE ORGANICS	TCLP Regulatory Level, mg/L	EPA Hazardous Waste Number	Recommended Test Method
Benzene	0.5	D018	8260B
Carbon Tetrachloride	0.5	D019	8260B
Chlorobenzene	100.0	D021	8260B
Chloroform	6.0	D022	8260B
1,4-Dichlorobenzene	7.5	D027	8260B
1,2-Dichloroethane	0.5	D028	8260B
1,1-Dichloroethylene	0.7	D029	8260B
Methyl Ethyl Ketone	200.0	D035	8260B
Tetrachloroethylene	0.7	D039	8260B
Trichloroethylene	0.5	D040	8260B
Vinyl Chloride	0.2	D043	8260B

SEMIVOLATILE ORGANICS	TCLP Regulatory Level, mg/L	EPA Hazardous Waste Number	Recommended Test Method
o-Cresol	[1] 200	D023	8270C
m-Cresol	[1] 200	D024	8270C
p-Cresol	[1] 200	D025	8270C
Cresol	[1] 200	D026	8270C
2,4-Dinitrotoluene	0.13	D030	8270C
Hexachlorobenzene	0.13	D032	8270C
Hexachlorobutadiene	0.5	D033	8270C
Hexachloroethane	3.0	D034	8270C
Nitrobenzene	2.0	D036	8270C
Pentachlorophenol	100.0	D037	8270C
Pyridine	2 5.0	D038	8270C
2,4,5-Trichlorophenol	400.0	D041	8270C
2,4,6-Trichlorophenol	2.0	D042	8270C

[1]If Cresols cannot be differentiated, total cresol may be used.

ORGANOCHLORINE PESTICIDES	TCLP Regulatory Level, mg/L	EPA Hazardous Waste Number	Recommended Test Method
Chlordane	0.03	D020	8081A
Endrin	0.02	D012	8081A
Heptachlor (and its Epoxide)	0.008	D031	8081A
Lindane	0.4	D013	8081A
Methoxychlor	10.0	D014	8081A
Toxaphene	0.5	D015	8081A

CHLOROPHENOXY ACID HERBICIDES	TCLP Regulatory Level, mg/L	EPA Hazardous Waste Number	Recommended Test Method
2,4-D	10.0	D016	8150
2,4,5-TP (Silvex)	1.0	D017	8150

Reference: 40 CFR 261, Appendix II, 1993 ed., as amended by 58 FR 46040, August 31, 1993.

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

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

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SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-04	I					1	0.1		1.4E+09		Bidrin	141-66-2					1.0E+02	1.5E+02		6.2E+01
				9.0E-03	P					1	0.1		1.4E+09		Bifenox	42576-02-3					9.2E+03	1.4E+04		5.5E+03
				1.5E-02	I					1	0.1		1.4E+09		Biphenthrin	82657-04-3					1.5E+04	2.3E+04		9.2E+03
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		1		2.1E+02	1.4E+09	1.2E+05	Biphenyl, 1,1'-	92-52-4	3.6E+02			3.6E+02	5.1E+04		2.1E+02	2.1E+02
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.0E+03	1.4E+09	3.8E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.1E+01		4.6E+01	2.2E+01	4.1E+04			4.1E+04
				3.0E-03	P					1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					3.1E+03	4.6E+03		1.8E+03
1.1E+00	I	3.3E-04	I					V		1		5.1E+03	1.4E+09	4.6E+04	Bis(2-chloroethyl)ether	111-44-4	2.6E+00		1.7E+00	1.0E+00				
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		1.4E+09		Bis(2-ethylhexyl)phthalate	117-81-7	2.0E+02	3.1E+02	6.9E+06	1.2E+02	2.0E+04	3.1E+04		1.2E+04
2.2E+02	I	6.2E-02	I					V		1		4.2E+03	1.4E+09	2.0E+03	Bis(chloromethyl)ether	542-88-1	1.3E-02		4.0E-04	3.9E-04				
				5.0E-02	I					1	0.1		1.4E+09		Bisphenol A	80-05-7					5.1E+04	7.7E+04		3.1E+04
				2.0E-01	I	2.0E-02	H			1			1.4E+09		Boron And Borates Only	7440-42-8					2.0E+05		1.2E+08	2.0E+05
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Boron Trifluoride	7637-07-2					4.1E+04		7.7E+07	4.1E+04
7.0E-01	I			4.0E-03	I					1			1.4E+09		Bromate	15541-45-4	4.1E+00			4.1E+00	4.1E+03			4.1E+03
2.0E+00	X	6.0E-04	X					V		1		2.4E+03	1.4E+09	6.4E+03	Bromo-2-chloroethane, 1-	107-04-0	1.4E+00		1.3E-01	1.2E-01				
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	1.4E+09	9.0E+03	Bromobenzene	108-86-1					8.2E+03		2.4E+03	1.8E+03
						4.0E-02	X	V		1		4.0E+03	1.4E+09	3.9E+03	Bromochloromethane	74-97-5							6.8E+02	6.8E+02
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		1		9.3E+02	1.4E+09	4.3E+03	Bromodichloromethane	75-27-4	4.6E+01		1.4E+00	1.4E+00	2.0E+04			2.0E+04
7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		1.4E+09		Bromoform	75-25-2	3.6E+02	5.5E+02	1.5E+07	2.2E+02	2.0E+04	3.1E+04		1.2E+04
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	1.4E+09	1.5E+03	Bromomethane	74-83-9					1.4E+03		3.3E+01	3.2E+01
				5.0E-03	H					1	0.1		1.4E+09		Bromophos	2104-96-3					5.1E+03	7.7E+03		3.1E+03
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil	1689-84-5					2.0E+04	3.1E+04		1.2E+04
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil Octanoate	1689-99-2					2.0E+04	3.1E+04		1.2E+04
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	1.4E+09	9.3E+02	Butadiene, 1,3-	106-99-0	8.4E-01		3.8E-01	2.6E-01			8.2E+00	8.2E+00
				1.0E-01	I					1	0.1		1.4E+09		Butanol, N-	71-36-3					1.0E+05	1.5E+05		6.2E+04
1.9E-03	P			2.0E-01	I					1	0.1		1.4E+09		Butyl Benzyl Phthlate	85-68-7	1.5E+03	2.3E+03		9.1E+02	2.0E+05	3.1E+05		1.2E+05
				2.0E+00	P	3.0E+01	P			1	0.1		1.4E+09		Butyl alcohol, sec-	78-92-2					2.0E+06	3.1E+06	1.8E+11	1.2E+06
				5.0E-02	I					1	0.1		1.4E+09		Butylate	2008-41-5					5.1E+04	7.7E+04		3.1E+04
2.0E-04	C	5.7E-08	C							1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	1.4E+04	2.2E+04	2.9E+08	8.6E+03				
				5.0E-02	P			V		1		1.1E+02	1.4E+09	8.8E+03	Butylbenzene, n-	104-51-8					5.1E+04			5.1E+04
				1.0E+00	I					1	0.1		1.4E+09		Butylphthalyl Butylglycolate	85-70-1					1.0E+06	1.5E+06		6.2E+05
				2.0E-02	A					1	0.1		1.4E+09		Cacodylic Acid	75-60-5					2.0E+04	3.1E+04		1.2E+04
		1.8E-03	I	1.0E-03	I	2.0E-05	C			0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			9.3E+03	9.3E+03	1.0E+03	3.9E+03	1.2E+05	8.0E+02
		1.8E-03	I	5.0E-04	I	2.0E-05	C			0.05	0.001				Cadmium (Water)	7440-43-9								
				5.0E-01	I					1	0.1		1.4E+09		Caprolactam	105-60-2					5.1E+05	7.7E+05		3.1E+05
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		1.4E+09		Captafol	2425-06-1	1.9E+01	2.9E+01	3.9E+05	1.1E+01	2.0E+03	3.1E+03		1.2E+03
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		1.4E+09		Captan	133-06-2	1.2E+03	1.9E+03	2.5E+07	7.5E+02	1.3E+05	2.0E+05		8.0E+04
				1.0E-01	I					1	0.1		1.4E+09		Carbaryl	63-25-2					1.0E+05	1.5E+05		6.2E+04
				5.0E-03	I					1	0.1		1.4E+09		Carbofuran	1563-66-2					5.1E+03	7.7E+03		3.1E+03
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	1.4E+09	1.3E+03	Carbon Disulfide	75-15-0					1.0E+05		3.9E+03	3.7E+03
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	1.4E+09	1.6E+03	Carbon Tetrachloride	56-23-5	4.1E+01		3.3E+00	3.0E+00	4.1E+03		7.0E+02	6.0E+02
				1.0E-02	I					1	0.1		1.4E+09		Carbosulfan	55285-14-8					1.0E+04	1.5E+04		6.2E+03
				1.0E-01	I					1	0.1		1.4E+09		Carboxin	5234-68-4					1.0E+05	1.5E+05		6.2E+04
						9.0E-04	I			1			1.4E+09		Ceric oxide	1306-38-3							5.4E+06	5.4E+06
				1.0E-01	I					1	0.1		1.4E+09		Chloral Hydrate	302-17-0					1.0E+05	1.5E+05		6.2E+04
				1.5E-02	I					1	0.1		1.4E+09		Chloramben	133-90-4					1.5E+04	2.3E+04		9.2E+03
4.0E-01	H									1	0.1		1.4E+09		Chloranil	118-75-2	7.1E+00	1.1E+01		4.3E+00				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		1.4E+09		Chlordane	12789-03-6	8.2E+00	3.1E+01	1.7E+05	6.5E+00	5.1E+02	1.9E+03	4.2E+06	4.0E+02
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	2.9E-01	4.3E-01	3.6E+03	1.7E-01	3.1E+02	4.6E+02		1.8E+02
				7.0E-04	A					1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					7.2E+02	1.1E+03		4.3E+02
				2.0E-02	I					1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					2.0E+04	3.1E+04		1.2E+04
				1.0E-01	I	1.5E-04	A			1			1.4E+09		Chlorine	7782-50-5					1.0E+05		8.6E+05	9.1E+04
				3.0E-02	I	2.0E-04	I			1			1.4E+09		Chlorine Dioxide	10049-04-4					3.1E+04		1.2E+06	3.0E+04
				3.0E-02	I					1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					3.1E+04			3.1E+04
						5.0E+01	I	V		1		1.2E+03	1.4E+09	1.1E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							2.4E+05	2.4E+05
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.5E+02	1.4E+09	1.2E+03	Chloro-1,3-butadiene, 2-	126-99-8			4.7E-02	4.7E-02	2.0E+04		1.0E+02	1.0E+02
4.6E-01	H									1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	6.2E+00	9.4E+00		3.7E+00				
1.0E-01	P	7.7E-05	C	3.0E-03	X					1	0.1		1.4E+09		Chloro-2-methylaniline, 4-	95-69-2	2.9E+01	4.3E+01	2.2E+05	1.7E+01	3.1E+03	4.6E+03		1.8E+03
2.7E-01	X							V		1	0.1	2.8E+04	1.4E+09	2.0E+04	Chloroacetaldehyde, 2-	107-20-0	1.1E+01	1.6E+01		6.4E+00				
				2.0E-03	H					1	0.1		1.4E+09		Chloroacetic Acid	79-11-8					2.0E+03	3.1E+03		1.2E+03
						3.0E-05	I			1	0.1		1.4E+09		Chloroacetophenone, 2-	532-27-4							1.8E+05	1.8E+05
2.0E-01	P			4.0E-03	I					1	0.1		1.4E+09		Chloroaniline, p-	106-47-8	1.4E+01	2.2E+01		8.6E+00	4.1E+03	6.2E+03		2.5E+03
				2.0E-02	I	5.0E-02	P	V		1		7.6E+02	1.4E+09	6.9E+03	Chlorobenzene	108-90-7					2.0E+04		1.5E+03	1.4E+03
1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		1.4E+09		Chlorobenzilate	510-15-6	2.6E+01	3.9E+01	5.4E+05	1.6E+01	2.0E+04	3.1E+04		1.2E+04
				3.0E-02	X					1	0.1		1.4E+09		Chlorobenzoic Acid, p-	74-11-3					3.1E+04	4.6E+04		1.8E+04
				3.0E-03	P	3.0E-01	P	V		1		1.2E+02	1.4E+09	7.3E+03	Chlorobenzotrifluoride, 4-	98-56-6					3.1E+03		9.6E+03	2.3E+03

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

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

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

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,2-	528-29-0					1.0E+02	1.5E+02		6.2E+01
				1.0E-04	I					1	0.1		1.4E+09		Dinitrobenzene, 1,3-	99-65-0					1.0E+02	1.5E+02		6.2E+01
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,4-	100-25-4					1.0E+02	1.5E+02		6.2E+01
				2.0E-03	I					1	0.1		1.4E+09		Dinitrophenol, 2,4-	51-28-5					2.0E+03	3.1E+03		1.2E+03
6.8E-01	I									1	0.1		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	4.2E+00	6.4E+00		2.5E+00				
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	9.2E+00	1.4E+01	1.9E+05	5.5E+00	2.0E+03	3.0E+03		1.2E+03
				1.0E-03	P					1	0.099		1.4E+09		Dinitrotoluene, 2,6-	606-20-2					1.0E+03	1.6E+03		6.2E+02
				2.0E-03	S					1	0.006		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E+03	5.2E+04		2.0E+03
				2.0E-03	S					1	0.009		1.4E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E+03	3.4E+04		1.9E+03
				1.0E-03	I					1	0.1		1.4E+09		Dinoseb	88-85-7					1.0E+03	1.5E+03		6.2E+02
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		1.4E+09		Dioxane, 1,4-	123-91-1	2.9E+01	4.3E+01	2.2E+06	1.7E+01	3.1E+04	4.6E+04	1.8E+10	1.8E+04
															Dioxins									
6.2E+03	I	1.3E+00	I							1	0.03		1.4E+09		~Hexachlorodibenzo-p-dioxin, Mixture	NA	4.6E-04	2.3E-03	1.3E+01	3.9E-04				
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C			1	0.03		1.4E+09		~TCDD, 2,3,7,8-	1746-01-6	2.2E-05	1.1E-04	4.4E-01	1.8E-05	7.2E-04	3.6E-03	2.4E+02	6.0E-04
				3.0E-02	I					1	0.1		1.4E+09		Diphenamid	957-51-7					3.1E+04	4.6E+04		1.8E+04
				8.0E-04	X					1	0.1		1.4E+09		Diphenyl Sulfone	127-63-9					8.2E+02	1.2E+03		4.9E+02
				2.5E-02	I					1	0.1		1.4E+09		Diphenylamine	122-39-4					2.6E+04	3.9E+04		1.5E+04
8.0E-01	I	2.2E-04	I							1	0.1		1.4E+09		Diphenylhydrazine, 1,2-	122-66-7	3.6E+00	5.4E+00	7.6E+04	2.2E+00				
				2.2E-03	I					1	0.1		1.4E+09		Diquat	85-00-7					2.2E+03	3.4E+03		1.4E+03
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Black 38	1937-37-7	3.9E-01	5.9E-01	7.9E+03	2.3E-01				
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Blue 6	2602-46-2	3.9E-01	5.9E-01	7.9E+03	2.3E-01				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Direct Brown 95	16071-86-6	4.3E-01	6.5E-01	8.8E+03	2.6E-01				
				4.0E-05	I					1	0.1		1.4E+09		Disulfoton	298-04-4					4.1E+01	6.2E+01		2.5E+01
				1.0E-02	I			V		1	0.1	2.9E+03	1.4E+09	4.6E+04	Dithiane, 1,4-	505-29-3					1.0E+04	1.5E+04		6.2E+03
				2.0E-03	I					1	0.1		1.4E+09		Diuron	330-54-1					2.0E+03	3.1E+03		1.2E+03
				4.0E-03	I					1	0.1		1.4E+09		Dodine	2439-10-3					4.1E+03	6.2E+03		2.5E+03
				2.5E-02	I			V		1		4.1E+02	1.4E+09	1.3E+05	EPTC	759-94-4					2.6E+04			2.6E+04
				6.0E-03	I					1	0.1		1.4E+09		Endosulfan	115-29-7					6.1E+03	9.3E+03		3.7E+03
				2.0E-02	I					1	0.1		1.4E+09		Endothall	145-73-3					2.0E+04	3.1E+04		1.2E+04
				3.0E-04	I					1	0.1		1.4E+09		Endrin	72-20-8					3.1E+02	4.6E+02		1.8E+02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	1.4E+09	2.0E+04	Epichlorohydrin	106-89-8	2.9E+02		2.1E+02	1.2E+02	6.1E+03		8.9E+01	8.8E+01
						2.0E-02	I	V		1		1.5E+04	1.4E+09	8.2E+03	Epoxybutane, 1,2-	106-88-7							7.2E+02	7.2E+02
				5.0E-03	I					1	0.1		1.4E+09		Ethephon	16672-87-0					5.1E+03	7.7E+03		3.1E+03
				5.0E-04	I					1	0.1		1.4E+09		Ethion	563-12-2					5.1E+02	7.7E+02		3.1E+02
				1.0E-01	P	6.0E-02	P			1	0.1		1.4E+09		Ethoxyethanol Acetate, 2-	111-15-9					1.0E+05	1.5E+05	3.6E+08	6.2E+04
				4.0E-01	H	2.0E-01	I			1	0.1		1.4E+09		Ethoxyethanol, 2-	110-80-5					4.1E+05	6.2E+05	1.2E+09	2.5E+05
				9.0E-01	I			V		1		1.1E+04	1.4E+09	9.3E+03	Ethyl Acetate	141-78-6					9.2E+05			9.2E+05
4.8E-02	H							V		1		2.5E+03	1.4E+09	6.8E+03	Ethyl Acrylate	140-88-5	6.0E+01			6.0E+01				
						1.0E+01	I	V		1		2.1E+03	1.4E+09	1.4E+03	Ethyl Chloride	75-00-3							6.1E+04	6.1E+04
				2.0E-01	I			V		1		1.0E+04	1.4E+09	3.4E+03	Ethyl Ether	60-29-7					2.0E+05			2.0E+05
				9.0E-02	H	3.0E-01	P	V		1		1.1E+03	1.4E+09	6.2E+03	Ethyl Methacrylate	97-63-2					9.2E+04		8.2E+03	7.5E+03
				1.0E-05	I					1	0.1		1.4E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E+01	1.5E+01		6.2E+00
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	1.4E+09	6.1E+03	Ethylbenzene	100-41-4	2.6E+02		3.0E+01	2.7E+01	1.0E+05		2.7E+04	2.1E+04
				3.0E-02	P					1	0.1		1.4E+09		Ethylene Cyanohydrin	109-78-4					3.1E+04	4.6E+04		1.8E+04
				9.0E-02	P					1	0.1		1.4E+09		Ethylene Diamine	107-15-3					9.2E+04	1.4E+05		5.5E+04
				2.0E+00	I	4.0E-01	C			1	0.1		1.4E+09		Ethylene Glycol	107-21-1					2.0E+06	3.1E+06	2.4E+09	1.2E+06
				1.0E-01	I	1.6E+00	I			1	0.1		1.4E+09		Ethylene Glycol Monobutyl Ether	111-76-2					1.0E+05	1.5E+05	9.5E+09	6.2E+04
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	1.4E+09	6.6E+03	Ethylene Oxide	75-21-8	9.2E+00		9.1E-01	8.3E-01			8.6E+02	8.6E+02
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		1.4E+09		Ethylene Thiourea	96-45-7	6.4E+01	9.6E+01	1.3E+06	3.8E+01	8.2E+01	1.2E+02		4.9E+01
6.5E+01	C	1.9E-02	C					V		1	0.1	1.5E+05	1.4E+09	2.6E+04	Ethyleneimine	151-56-4	4.4E-02	6.7E-02	1.7E-02	1.0E-02				
				3.0E+00	I					1	0.1		1.4E+09		Ethylphthalyl Ethyl Glycolate	84-72-0					3.1E+06	4.6E+06		1.8E+06
				8.0E-03	I					1	0.1		1.4E+09		Express	101200-48-0					8.2E+03	1.2E+04		4.9E+03
				2.5E-04	I					1	0.1		1.4E+09		Fenamiphos	22224-92-6					2.6E+02	3.9E+02		1.5E+02
				2.5E-02	I					1	0.1		1.4E+09		Fenpropathrin	39515-41-8					2.6E+04	3.9E+04		1.5E+04
				1.3E-02	I					1	0.1		1.4E+09		Fluometuron	2164-17-2					1.3E+04	2.0E+04		8.0E+03
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Fluoride	16984-48-8					4.1E+04		7.7E+07	4.1E+04
				6.0E-02	I	1.3E-02	C			1			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4					6.1E+04		7.7E+07	6.1E+04
				8.0E-02	I					1	0.1		1.4E+09		Fluridone	59756-60-4					8.2E+04	1.2E+05		4.9E+04
				2.0E-02	I					1	0.1		1.4E+09		Flurprimidol	56425-91-3					2.0E+04	3.1E+04		1.2E+04
				6.0E-02	I					1	0.1		1.4E+09		Flutolanil	66332-96-5					6.1E+04	9.3E+04		3.7E+04
				1.0E-02	I					1	0.1		1.4E+09		Fluvalinate	69409-94-5					1.0E+04	1.5E+04		6.2E+03
3.5E-03	I			1.0E-01	I					1	0.1		1.4E+09		Folpet	133-07-3	8.2E+02	1.2E+03		4.9E+02	1.0E+05	1.5E+05		6.2E+04
1.9E-01	I									1	0.1		1.4E+09		Fomesafen	72178-02-0	1.5E+01	2.3E+01		9.1E+00				
				2.0E-03	I					1	0.1		1.4E+09		Fonofos	944-22-9					2.0E+03	3.1E+03		1.2E+03
		1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1		1.4E+09		Formaldehyde	50-00-0			1.3E+06	1.3E+06	2.0E+05	3.1E+05	5.8E+07	1.2E+05

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

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vo c	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				9.0E-01	P	3.0E-04	X			1	0.1		1.4E+09		Formic Acid	64-18-6					9.2E+05	1.4E+06	1.8E+06	4.2E+05
				3.0E+00	I					1	0.1		1.4E+09		Fosetyl-AL	39148-24-8					3.1E+06	4.6E+06		1.8E+06
															Furans									
				1.0E-03	X			V		1		1.7E+02	1.4E+09	2.1E+05	~Dibenzofuran	132-64-9					1.0E+03			1.0E+03
				1.0E-03	I			V		1		6.2E+03	1.4E+09	2.8E+03	~Furan	110-00-9					1.0E+03			1.0E+03
				9.0E-01	I	2.0E+00	I	V		1	0.1	1.7E+05	1.4E+09	1.3E+04	~Tetrahydrofuran	109-99-9					9.2E+05	1.4E+06	1.2E+05	9.5E+04
3.8E+00	H									1	0.1		1.4E+09		Furazolidone	67-45-8	7.5E-01	1.1E+00		4.5E-01				
				3.0E-03	I	5.0E-02	H			1	0.1		1.4E+09		Furfural	98-01-1					3.1E+03	4.6E+03	3.0E+08	1.8E+03
1.5E+00	C	4.3E-04	C							1	0.1		1.4E+09		Furium	531-82-8	1.9E+00	2.9E+00	3.9E+04	1.1E+00				
3.0E-02	I	8.6E-06	C							1	0.1		1.4E+09		Furmecyclox	60568-05-0	9.5E+01	1.4E+02	1.9E+06	5.7E+01				
				4.0E-04	I					1	0.1		1.4E+09		Glufosinate, Ammonium	77182-82-2					4.1E+02	6.2E+02		2.5E+02
						8.0E-05	C			1	0.1		1.4E+09		Glutaraldehyde	111-30-8							4.8E+05	4.8E+05
				4.0E-04	I	1.0E-03	H			1	0.1		1.4E+09		Glycidyl	765-34-4					4.1E+02	6.2E+02	6.0E+06	2.5E+02
				1.0E-01	I					1	0.1		1.4E+09		Glyphosate	1071-83-6					1.0E+05	1.5E+05		6.2E+04
				3.0E-03	I					1	0.1		1.4E+09		Goal	42874-03-3					3.1E+03	4.6E+03		1.8E+03
				3.0E-03	A	1.0E-02	A			1	0.1		1.4E+09		Guthion	86-50-0					3.1E+03	4.6E+03	6.0E+07	1.8E+03
				5.0E-05	I					1	0.1		1.4E+09		Haloxyfop, Methyl	69806-40-2					5.1E+01	7.7E+01		3.1E+01
				1.3E-02	I					1	0.1		1.4E+09		Harmony	79277-27-3					1.3E+04	2.0E+04		8.0E+03
4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1		1.4E+09		Heptachlor	76-44-8	6.4E-01	9.6E-01	1.3E+04	3.8E-01	5.1E+02	7.7E+02		3.1E+02
9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		1.4E+09		Heptachlor Epoxide	1024-57-3	3.1E-01	4.8E-01	6.4E+03	1.9E-01	1.3E+01	2.0E+01		8.0E+00
				2.0E-03	I					1	0.1		1.4E+09		Hexabromobenzene	87-82-1					2.0E+03	3.1E+03		1.2E+03
				2.0E-04	I					1	0.1		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E+02	3.1E+02		1.2E+02
1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		1.4E+09		Hexachlorobenzene	118-74-1	1.8E+00	2.7E+00	3.6E+04	1.1E+00	8.2E+02	1.2E+03		4.9E+02
7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		1.4E+09		Hexachlorobutadiene	87-68-3	3.7E+01	5.6E+01	7.6E+05	2.2E+01	1.0E+03	1.5E+03		6.2E+02
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	4.5E-01	6.9E-01	9.3E+03	2.7E-01	8.2E+03	1.2E+04		4.9E+03
1.8E+00	I	5.3E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	1.6E+00	2.4E+00	3.1E+04	9.6E-01				
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.6E+00	9.9E+00	5.4E+04	2.1E+00	3.1E+02	1.2E+03		2.4E+02
1.8E+00	I	5.1E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	1.6E+00	2.4E+00	3.3E+04	9.6E-01				
				6.0E-03	I	2.0E-04	I			1	0.1		1.4E+09		Hexachlorocyclopentadiene	77-47-4					6.1E+03	9.3E+03	1.2E+06	3.7E+03
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I			1	0.1		1.4E+09		Hexachloroethane	67-72-1	7.2E+01	1.1E+02	1.5E+06	4.3E+01	7.2E+02	1.1E+03	1.8E+08	4.3E+02
				3.0E-04	I					1	0.1		1.4E+09		Hexachlorophene	70-30-4					3.1E+02	4.6E+02		1.8E+02
1.1E-01	I			3.0E-03	I					1	0.015		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.6E+01	2.6E+02		2.4E+01	3.1E+03	3.1E+04		2.8E+03
						1.0E-05	I	V		1		5.2E+03	1.4E+09	3.2E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							1.4E+01	1.4E+01
				4.0E-04	P					1	0.1		1.4E+09		Hexamethylphosphoramide	680-31-9					4.1E+02	6.2E+02		2.5E+02
				6.0E-02	H	7.0E-01	I	V		1		1.4E+02	1.4E+09	8.9E+02	Hexane, N-	110-54-3					6.1E+04		2.7E+03	2.6E+03
				2.0E+00	P					1	0.1		1.4E+09		Hexanedioic Acid	124-04-9					2.0E+06	3.1E+06		1.2E+06
				5.0E-03	I	3.0E-02	I	V		1		3.3E+03	1.4E+09	1.4E+04	Hexanone, 2-	591-78-6					5.1E+03		1.9E+03	1.4E+03
				3.3E-02	I					1	0.1		1.4E+09		Hexazinone	51235-04-2					3.4E+04	5.1E+04		2.0E+04
3.0E+00	I	4.9E-03	I			3.0E-05	P			1			1.4E+09		Hydrazine	302-01-2	9.5E-01		3.4E+03	9.5E-01			1.8E+05	1.8E+05
3.0E+00	I	4.9E-03	I							1			1.4E+09		Hydrazine Sulfate	10034-93-2	9.5E-01		3.4E+03	9.5E-01				
						2.0E-02	I			1			1.4E+09		Hydrogen Chloride	7647-01-0							1.2E+08	1.2E+08
				4.0E-02	C	1.4E-02	C			1			1.4E+09		Hydrogen Fluoride	7664-39-3					4.1E+04		8.3E+07	4.1E+04
						2.0E-03	I			1			1.4E+09		Hydrogen Sulfide	7783-06-4							1.2E+07	1.2E+07
6.0E-02	P			4.0E-02	P					1	0.1		1.4E+09		Hydroquinone	123-31-9	4.8E+01	7.2E+01		2.9E+01	4.1E+04	6.2E+04		2.5E+04
				1.3E-02	I					1	0.1		1.4E+09		Imazalil	35554-44-0					1.3E+04	2.0E+04		8.0E+03
				2.5E-01	I					1	0.1		1.4E+09		Imazaquin	81335-37-7					2.6E+05	3.9E+05		1.5E+05
				1.0E-02	A					1			1.4E+09		Iodine	7553-56-2					1.0E+04			1.0E+04
				4.0E-02	I					1	0.1		1.4E+09		Iprodione	36734-19-7					4.1E+04	6.2E+04		2.5E+04
				7.0E-01	P					1			1.4E+09		Iron	7439-89-6					7.2E+05			7.2E+05
				3.0E-01	I					1	0.1		1.4E+09		Isobutyl Alcohol	78-83-1					3.1E+05	4.6E+05		1.8E+05
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		1.4E+09		Isophorone	78-59-1	3.0E+03	4.6E+03		1.8E+03	2.0E+05	3.1E+05	1.2E+10	1.2E+05
				1.5E-02	I					1	0.1		1.4E+09		Isopropalin	33820-53-0					1.5E+04	2.3E+04		9.2E+03
						7.0E+00	C			1	0.1		1.4E+09		Isopropanol	67-63-0							4.2E+10	4.2E+10
				1.0E-01	I					1	0.1		1.4E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E+05	1.5E+05		6.2E+04
				5.0E-02	I					1	0.1		1.4E+09		Isoxaben	82558-50-7					5.1E+04	7.7E+04		3.1E+04
						3.0E-01	A	V		1			1.4E+09		JP-7	NA							1.8E+09	1.8E+09
				7.5E-02	I					1	0.1		1.4E+09		Kerb	23950-58-5					7.7E+04	1.2E+05		4.6E+04
				2.0E-03	I					1	0.1		1.4E+09		Lactofen	77501-63-4					2.0E+03	3.1E+03		1.2E+03
															Lead Compounds									
2.8E-01	C	8.0E-05	C							1	0.1		1.4E+09		~Lead acetate	301-04-2	1.0E+01	1.5E+01	2.1E+05	6.2E+00				
										1			1.4E+09		~Lead and Compounds	7439-92-1								8.0E+02
3.8E-02	C	1.1E-05	C							1	0.1		1.4E+09		~Lead subacetate	1335-32-6	7.5E+01	1.1E+02	1.5E+06	4.5E+01				
				1.0E-07	I					1	0.1		1.4E+09		~Tetraethyl Lead	78-00-2					1.0E-01	1.5E-01		6.2E-02
				2.0E-03	I					1	0.1		1.4E+09		Linuron	330-55-2					2.0E+03	3.1E+03		1.2E+03
				2.0E-03	P					1			1.4E+09		Lithium	7439-93-2					2.0E+03			2.0E+03

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

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				2.0E-01	I					1	0.1		1.4E+09		Londax	83055-99-6					2.0E+05	3.1E+05		1.2E+05
				5.0E-04	I					1	0.1		1.4E+09		MCPA	94-74-6					5.1E+02	7.7E+02		3.1E+02
				1.0E-02	I					1	0.1		1.4E+09		MCPB	94-81-5					1.0E+04	1.5E+04		6.2E+03
				1.0E-03	I					1	0.1		1.4E+09		MCPP	93-65-2					1.0E+03	1.5E+03		6.2E+02
				2.0E-02	I					1	0.1		1.4E+09		Malathion	121-75-5					2.0E+04	3.1E+04		1.2E+04
				1.0E-01	I	7.0E-04	C			1	0.1		1.4E+09		Maleic Anhydride	108-31-6					1.0E+05	1.5E+05	4.2E+06	6.1E+04
				5.0E-01	I					1	0.1		1.4E+09		Maleic Hydrazide	123-33-1					5.1E+05	7.7E+05		3.1E+05
				1.0E-04	P					1	0.1		1.4E+09		Malononitrile	109-77-3					1.0E+02	1.5E+02		6.2E+01
				3.0E-02	H					1	0.1		1.4E+09		Mancozeb	8018-01-7					3.1E+04	4.6E+04		1.8E+04
				5.0E-03	I					1	0.1		1.4E+09		Maneb	12427-38-2					5.1E+03	7.7E+03		3.1E+03
				1.4E-01	I	5.0E-05	I			1					Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I			0.04			1.4E+09		Manganese (Non-diet)	7439-96-5					2.5E+04		3.0E+05	2.3E+04
				9.0E-05	H					1	0.1		1.4E+09		Mephosfolan	950-10-7					9.2E+01	1.4E+02		5.5E+01
				3.0E-02	I					1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					3.1E+04	4.6E+04		1.8E+04
															Mercury Compounds									
				3.0E-04	I	3.0E-05	C			0.07			1.4E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					3.1E+02		1.8E+05	3.1E+02
						3.0E-04	I	V		1		3.1E+00	1.4E+09	3.2E+04	~Mercury (elemental)	7439-97-6							4.3E+01	4.3E+01
				1.0E-04	I					1			1.4E+09		~Methyl Mercury	22967-92-6					1.0E+02			1.0E+02
				8.0E-05	I					1	0.1		1.4E+09		~Phenylmercuric Acetate	62-38-4					8.2E+01	1.2E+02		4.9E+01
				3.0E-05	I					1	0.1		1.4E+09		Merphos	150-50-5					3.1E+01	4.6E+01		1.8E+01
				3.0E-05	I					1	0.1		1.4E+09		Merphos Oxide	78-48-8					3.1E+01	4.6E+01		1.8E+01
				6.0E-02	I					1	0.1		1.4E+09		Metalaxyl	57837-19-1					6.1E+04	9.3E+04		3.7E+04
				1.0E-04	I	7.0E-04	H	V		1		4.6E+03	1.4E+09	7.3E+03	Methacrylonitrile	126-98-7					1.0E+02		2.2E+01	1.8E+01
				5.0E-05	I					1	0.1		1.4E+09		Methamidophos	10265-92-6					5.1E+01	7.7E+01		3.1E+01
				5.0E-01	I	4.0E+00	C			1	0.1		1.4E+09		Methanol	67-56-1					5.1E+05	7.7E+05	2.4E+10	3.1E+05
				1.0E-03	I					1	0.1		1.4E+09		Methidathion	950-37-8					1.0E+03	1.5E+03		6.2E+02
				2.5E-02	I					1	0.1		1.4E+09		Methomyl	16752-77-5					2.6E+04	3.9E+04		1.5E+04
4.9E-02	C	1.4E-05	C							1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	5.8E+01	8.8E+01	1.2E+06	3.5E+01				
				5.0E-03	I					1	0.1		1.4E+09		Methoxychlor	72-43-5					5.1E+03	7.7E+03		3.1E+03
				8.0E-03	P	1.0E-03	P			1	0.1		1.4E+09		Methoxyethanol Acetate, 2-	110-49-6					8.2E+03	1.2E+04	6.0E+06	4.9E+03
				5.0E-03	P	2.0E-02	I			1	0.1		1.4E+09		Methoxyethanol, 2-	109-86-4					5.1E+03	7.7E+03	1.2E+08	3.1E+03
				1.0E+00	X			V		1		2.9E+04	1.4E+09	8.7E+03	Methyl Acetate	79-20-9					1.0E+06			1.0E+06
				3.0E-02	H			V		1		6.8E+03	1.4E+09	7.5E+03	Methyl Acrylate	96-33-3					3.1E+04			3.1E+04
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	1.4E+09	1.3E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.1E+05		2.9E+05	2.0E+05
		1.0E-03	X	1.0E-03	P	2.0E-05	X			1	0.1		1.4E+09		Methyl Hydrazine	60-34-4			1.7E+04	1.7E+04	1.0E+03	1.5E+03	1.2E+05	6.1E+02
				8.0E-02	H	3.0E+00	I	V		1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.2E+04		1.5E+05	5.3E+04
						1.0E-03	C	V		1	0.1	1.7E+04	1.4E+09	4.8E+03	Methyl Isocyanate	624-83-9							2.1E+01	2.1E+01
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	1.4E+09	6.8E+03	Methyl Methacrylate	80-62-6					1.4E+06		2.1E+04	2.1E+04
				2.5E-04	I					1	0.1		1.4E+09		Methyl Parathion	298-00-0					2.6E+02	3.9E+02		1.5E+02
				6.0E-02	X					1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					6.1E+04	9.3E+04		3.7E+04
				6.0E-03	H	4.0E-02	H	V		1		3.8E+02	1.4E+09	1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					6.1E+03		2.2E+03	1.6E+03
9.9E-02	C	2.8E-05	C							1	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	2.9E+01	4.4E+01	6.0E+05	1.7E+01				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	1.4E+09	5.3E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.6E+03		2.5E+02	2.2E+02			6.9E+04	6.9E+04
				2.0E-04	X					1	0.1		1.4E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					2.0E+02	3.1E+02		1.2E+02
9.0E-03	P			2.0E-02	X					1	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	3.2E+02	4.8E+02		1.9E+02	2.0E+04	3.1E+04		1.2E+04
8.3E+00	C	2.4E-03	C							1	0.1		1.4E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.4E-01	5.2E-01	6.9E+03	2.1E-01				
1.3E-01	C	3.7E-05	C							1	0.1		1.4E+09		Methylaniline Hydrochloride, 2-	636-21-5	2.2E+01	3.3E+01	4.5E+05	1.3E+01				
				1.0E-02	A					1	0.1		1.4E+09		Methylarsonic acid	124-58-3					1.0E+04	1.5E+04		6.2E+03
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					2.0E+02	3.1E+02		1.2E+02
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9					2.0E+02	3.1E+02		1.2E+02
2.2E+01	C	6.3E-03	C						M	1	0.1		1.4E+09		Methylcholanthrene, 3-	56-49-5	1.3E-01	2.0E-01	2.6E+03	7.8E-02				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1		3.3E+03	1.4E+09	2.4E+03	Methylene Chloride	75-09-2	1.4E+03		2.9E+03	9.6E+02	6.1E+03		6.2E+03	3.1E+03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		1.4E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.9E+01	4.3E+01	3.9E+04	1.7E+01	2.0E+03	3.1E+03		1.2E+03
4.6E-02	I	1.3E-05	C							1	0.1		1.4E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	6.2E+01	9.4E+01	1.3E+06	3.7E+01				
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		1.4E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	1.8E+00	2.7E+00	3.6E+04	1.1E+00			1.2E+08	1.2E+08
						6.0E-04	I			1	0.1		1.4E+09		Methylenediphenyl Diisocyanate	101-68-8							3.6E+06	3.6E+06
				7.0E-02	H			V		1		5.0E+02	1.4E+09	1.4E+04	Methylstyrene, Alpha-	98-83-9					7.2E+04			7.2E+04
				1.5E-01	I					1	0.1		1.4E+09		Metolachlor	51218-45-2					1.5E+05	2.3E+05		9.2E+04
				2.5E-02	I					1	0.1		1.4E+09		Metribuzin	21087-64-9					2.6E+04	3.9E+04		1.5E+04
				3.0E+00	P			V		1	0.1	3.4E-01	1.4E+09	1.1E+03	Mineral oils	8012-95-1					3.1E+06	4.6E+06		1.8E+06
1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		1.4E+09		Mirex	2385-85-5	1.6E-01	2.4E-01	3.3E+03	9.6E-02	2.0E+02	3.1E+02		1.2E+02
				2.0E-03	I					1	0.1		1.4E+09		Molinate	2212-67-1					2.0E+03	3.1E+03		1.2E+03
				5.0E-03	I					1			1.4E+09		Molybdenum	7439-98-7					5.1E+03			5.1E+03
				1.0E-01	I					1			1.4E+09		Monochloramine	10599-90-3					1.0E+05			1.0E+05
				2.0E-03	P					1	0.1		1.4E+09		Monomethylaniline	100-61-8					2.0E+03	3.1E+03		1.2E+03

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				3.0E-04	X					1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.1E+02	4.6E+02		1.8E+02
				2.0E-03	I					1	0.1		1.4E+09		Naled	300-76-5					2.0E+03	3.1E+03		1.2E+03
				3.0E-02	X	1.0E-01	P	V		1			1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					3.1E+04		6.0E+08	3.1E+04
1.8E+00	C	0.0E+00	C							1	0.1		1.4E+09		Naphthylamine, 2-	91-59-8	1.6E+00	2.4E+00		9.6E-01				
				1.0E-01	I					1	0.1		1.4E+09		Napropamide	15299-99-7					1.0E+05	1.5E+05		6.2E+04
				5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Carbonyl	13463-39-3					5.1E+04		3.0E+05	4.4E+04
				5.0E-02	C	1.0E-04	C			1			1.4E+09		Nickel Oxide	1313-99-1					5.1E+04		6.0E+05	4.7E+04
		2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Refinery Dust	NA			6.9E+04	6.9E+04	5.1E+04		3.0E+05	4.4E+04
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			1.4E+09		Nickel Soluble Salts	7440-02-0			6.4E+04	6.4E+04	2.0E+04		5.4E+05	2.0E+04
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Subsulfide	12035-72-2	1.7E+00		3.5E+04	1.7E+00	5.1E+04		3.0E+05	4.4E+04
				1.6E+00	I					1			1.4E+09		Nitrate	14797-55-8					1.6E+06			1.6E+06
				1.0E-01	I					1			1.4E+09		Nitrite	14797-65-0					1.0E+05			1.0E+05
				1.0E-02	X	5.0E-05	X			1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4					1.0E+04	1.5E+04	3.0E+05	6.0E+03
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6	1.4E+02	2.2E+02		8.6E+01	4.1E+03	6.2E+03	3.6E+07	2.5E+03
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	1.4E+09	7.9E+04	Nitrobenzene	98-95-3			2.4E+01	2.4E+01	2.0E+03		3.1E+03	1.2E+03
				3.0E+03	P					1	0.1		1.4E+09		Nitrocellulose	9004-70-0					3.1E+09	4.6E+09		1.8E+09
				7.0E-02	H					1	0.1		1.4E+09		Nitrofurantoin	67-20-9					7.2E+04	1.1E+05		4.3E+04
1.3E+00	C	3.7E-04	C							1	0.1		1.4E+09		Nitrofurazone	59-87-0	2.2E+00	3.3E+00	4.5E+04	1.3E+00				
1.7E-02	P			1.0E-04	P					1	0.1		1.4E+09		Nitroglycerin	55-63-0	1.7E+02	2.6E+02		1.0E+02	1.0E+02	1.5E+02		6.2E+01
				1.0E-01	I					1	0.1		1.4E+09		Nitroguanidine	556-88-7					1.0E+05	1.5E+05		6.2E+04
		9.0E-06	P			2.0E-02	P	V		1		1.8E+04	1.4E+09	1.8E+04	Nitromethane	75-52-5			2.5E+01	2.5E+01			1.6E+03	1.6E+03
		2.7E-03	H			2.0E-02	I	V		1		4.9E+03	1.4E+09	1.4E+04	Nitropropane, 2-	79-46-9			6.4E-02	6.4E-02			1.2E+03	1.2E+03
2.7E+01	C	7.7E-03	C						M	1	0.1		1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	1.1E-01	1.6E-01	2.2E+03	6.4E-02				
1.2E+02	C	3.4E-02	C						M	1	0.1		1.4E+09		Nitroso-N-methylurea, N-	684-93-5	2.4E-02	3.6E-02	4.9E+02	1.4E-02				
5.4E+00	I	1.6E-03	I					V		1		7.1E+03	1.4E+09	2.1E+05	Nitroso-di-N-butylamine, N-	924-16-3	5.3E-01		1.6E+00	4.0E-01				
7.0E+00	I	2.0E-03	C							1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.1E-01	6.2E-01	8.3E+03	2.5E-01				
2.8E+00	I	8.0E-04	C							1	0.1		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	1.0E+00	1.5E+00	2.1E+04	6.2E-01				
1.5E+02	I	4.3E-02	I						M	1	0.1		1.4E+09		Nitrosodiethylamine, N-	55-18-5	1.9E-02	2.9E-02	3.9E+02	1.1E-02				
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	1	0.1		1.4E+09		Nitrosodimethylamine, N-	62-75-9	5.6E-02	8.5E-02	1.2E+03	3.4E-02	8.2E+00	1.2E+01	2.4E+05	4.9E+00
4.9E-03	I	2.6E-06	C							1	0.1		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	5.8E+02	8.8E+02	6.4E+06	3.5E+02				
2.2E+01	I	6.3E-03	C							1	0.1		1.4E+09		Nitrosomethylethylamine, N-	10595-95-6	1.3E-01	2.0E-01	2.6E+03	7.8E-02				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	4.3E-01	6.5E-01	8.8E+03	2.6E-01				
9.4E+00	C	2.7E-03	C							1	0.1		1.4E+09		Nitrosopiperidine [N-]	100-75-4	3.0E-01	4.6E-01	6.2E+03	1.8E-01				
2.1E+00	I	6.1E-04	I							1	0.1		1.4E+09		Nitrosopyrrolidine, N-	930-55-2	1.4E+00	2.1E+00	2.7E+04	8.2E-01				
				1.0E-04	X					1	0.1		1.4E+09		Nitrotoluene, m-	99-08-1					1.0E+02	1.5E+02		6.2E+01
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	1.4E+09	1.5E+05	Nitrotoluene, o-	88-72-2	1.3E+01			1.3E+01	9.2E+02			9.2E+02
1.6E-02	P			4.0E-03	P					1	0.1		1.4E+09		Nitrotoluene, p-	99-99-0	1.8E+02	2.7E+02		1.1E+02	4.1E+03	6.2E+03		2.5E+03
				3.0E-04	X	2.0E-01	P	V		1		6.9E+00	1.4E+09	1.1E+03	Nonane, n-	111-84-2					3.1E+02		9.8E+02	2.3E+02
				4.0E-02	I					1	0.1		1.4E+09		Norflurazon	27314-13-2					4.1E+04	6.2E+04		2.5E+04
				7.0E-04	I					1	0.1		1.4E+09		Nustar	85509-19-9					7.2E+02	1.1E+03		4.3E+02
				3.0E-03	I					1	0.1		1.4E+09		Octabromodiphenyl Ether	32536-52-0					3.1E+03	4.6E+03		1.8E+03
				5.0E-02	I					1	0.006		1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.1E+04	1.3E+06		4.9E+04
				2.0E-03	H					1	0.1		1.4E+09		Octamethylpyrophosphoramide	152-16-9					2.0E+03	3.1E+03		1.2E+03
				5.0E-02	I					1	0.1		1.4E+09		Oryzalin	19044-88-3					5.1E+04	7.7E+04		3.1E+04
				5.0E-03	I					1	0.1		1.4E+09		Oxadiazon	19666-30-9					5.1E+03	7.7E+03		3.1E+03
				2.5E-02	I					1	0.1		1.4E+09		Oxamyl	23135-22-0					2.6E+04	3.9E+04		1.5E+04
				1.3E-02	I					1	0.1		1.4E+09		Paclobutrazol	76738-62-0					1.3E+04	2.0E+04		8.0E+03
				4.5E-03	I					1	0.1		1.4E+09		Paraquat Dichloride	1910-42-5					4.6E+03	7.0E+03		2.8E+03
				6.0E-03	H					1	0.1		1.4E+09		Parathion	56-38-2					6.1E+03	9.3E+03		3.7E+03
				5.0E-02	H					1	0.1		1.4E+09		Pebulate	1114-71-2					5.1E+04	7.7E+04		3.1E+04
				4.0E-02	I					1	0.1		1.4E+09		Pendimethalin	40487-42-1					4.1E+04	6.2E+04		2.5E+04
				2.0E-03	I					1	0.1		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					2.0E+03	3.1E+03		1.2E+03
				1.0E-04	I					1	0.1		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E+02	1.5E+02		6.2E+01
				8.0E-04	I					1	0.1		1.4E+09		Pentachlorobenzene	608-93-5					8.2E+02	1.2E+03		4.9E+02
9.0E-02	P									1	0.1		1.4E+09		Pentachloroethane	76-01-7	3.2E+01	4.8E+01		1.9E+01				
2.6E-01	H			3.0E-03	I					1	0.1		1.4E+09		Pentachloronitrobenzene	82-68-8	1.1E+01	1.7E+01		6.6E+00	3.1E+03	4.6E+03		1.8E+03
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		1.4E+09		Pentachlorophenol	87-86-5	7.2E+00	4.3E+00	3.3E+06	2.7E+00	5.1E+03	3.1E+03		1.9E+03
4.0E-03	X			2.0E-03	P					1	0.1		1.4E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	7.2E+02	1.1E+03		4.3E+02	2.0E+03	3.1E+03		1.2E+03
						1.0E+00	P	V		1		3.9E+02	1.4E+09	8.4E+02	Pentane, n-	109-66-0							3.7E+03	3.7E+03
															Perchlorates									
				7.0E-04	I					1			1.4E+09		~Ammonium Perchlorate	7790-98-9					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Lithium Perchlorate	7791-03-9					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Perchlorate and Perchlorate Salts	14797-73-0					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Potassium Perchlorate	7778-74-7					7.2E+02			7.2E+02
				7.0E-04	I					1			1.4E+09		~Sodium Perchlorate	7601-89-0					7.2E+02			7.2E+02

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

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				5.0E-02	I					1	0.1		1.4E+09		Permethrin	52645-53-1					5.1E+04	7.7E+04		3.1E+04
2.2E-03	C	6.3E-07	C							1	0.1		1.4E+09		Phenacetin	62-44-2	1.3E+03	2.0E+03	2.6E+07	7.8E+02				
				2.5E-01	I					1	0.1		1.4E+09		Phenmedipham	13684-63-4					2.6E+05	3.9E+05		1.5E+05
				3.0E-01	I	2.0E-01	C			1	0.1		1.4E+09		Phenol	108-95-2					3.1E+05	4.6E+05	1.2E+09	1.8E+05
				5.0E-04	X					1	0.1		1.4E+09		Phenothiazine	92-84-2					5.1E+02	7.7E+02		3.1E+02
				6.0E-03	I					1	0.1		1.4E+09		Phenylenediamine, m-	108-45-2					6.1E+03	9.3E+03		3.7E+03
4.7E-02	H									1	0.1		1.4E+09		Phenylenediamine, o-	95-54-5	6.1E+01	9.2E+01		3.7E+01				
				1.9E-01	H					1	0.1		1.4E+09		Phenylenediamine, p-	106-50-3					1.9E+05	2.9E+05		1.2E+05
1.9E-03	H									1	0.1		1.4E+09		Phenylphenol, 2-	90-43-7	1.5E+03	2.2E+03		8.9E+02				
				2.0E-04	H					1	0.1		1.4E+09		Phorate	298-02-2					2.0E+02	3.1E+02		1.2E+02
						3.0E-04	I	V		1		1.6E+03	1.4E+09	1.1E+03	Phosgene	75-44-5							1.4E+00	1.4E+00
				2.0E-02	I					1	0.1		1.4E+09		Phosmet	732-11-6					2.0E+04	3.1E+04		1.2E+04
															Phosphates, Inorganic									
				4.9E+01	P					1			1.4E+09		~Aluminum metaphosphate	13776-88-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Ammonium polyphosphate	68333-79-9					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Calcium pyrophosphate	7790-76-3					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Diammonium phosphate	7783-28-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Dicalcium phosphate	7757-93-9					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Dimagnesium phosphate	7782-75-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Dipotassium phosphate	7758-11-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Disodium phosphate	7558-79-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monoaluminum phosphate	13530-50-2					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monoammonium phosphate	7722-76-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monocalcium phosphate	7758-23-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monomagnesium phosphate	7757-86-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monopotassium phosphate	7778-77-0					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Monosodium phosphate	7558-80-7					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Polyphosphoric acid	8017-16-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Potassium tripolyphosphate	13845-36-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium acid pyrophosphate	7758-16-9					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (acidic)	7785-88-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (anhydrous)	10279-59-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium hexametaphosphate	10124-56-8					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium polyphosphate	68915-31-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium trimetaphosphate	7785-84-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Sodium tripolyphosphate	7758-29-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tetrapotassium phosphate	7320-34-5					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tetrasodium pyrophosphate	7722-88-5					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tricalcium phosphate	7758-87-4					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Trimagnesium phosphate	7757-87-1					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Tripotassium phosphate	7778-53-2					5.0E+07			5.0E+07
				4.9E+01	P					1			1.4E+09		~Trisodium phosphate	7601-54-9					5.0E+07			5.0E+07
				3.0E-04	I	3.0E-04	I			1			1.4E+09		Phosphine	7803-51-2					3.1E+02		1.8E+06	3.1E+02
				4.9E+01	P	1.0E-02	I			1			1.4E+09		Phosphoric Acid	7664-38-2					5.0E+07		6.0E+07	2.7E+07
				2.0E-05	I					1			1.4E+09		Phosphorus, White	7723-14-0					2.0E+01			2.0E+01
				1.0E+00	H					1	0.1		1.4E+09		Phthalic Acid, P-	100-21-0					1.0E+06	1.5E+06		6.2E+05
				2.0E+00	I	2.0E-02	C			1	0.1		1.4E+09		Phthalic Anhydride	85-44-9					2.0E+06	3.1E+06	1.2E+08	1.2E+06
				7.0E-02	I					1	0.1		1.4E+09		Picloram	1918-02-1					7.2E+04	1.1E+05		4.3E+04
				1.0E-04	X					1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.0E+02	1.5E+02		6.2E+01
				1.0E-02	I					1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7					1.0E+04	1.5E+04		6.2E+03
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		1.4E+09		Polybrominated Biphenyls	59536-65-1	9.5E-02	1.4E-01	1.9E+03	5.7E-02	7.2E+00	1.1E+01		4.3E+00
															Polychlorinated Biphenyls (PCBs)									
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14		1.4E+09		~Arodor 1016	12674-11-2	4.1E+01	4.4E+01	8.3E+05	2.1E+01	7.2E+01	7.7E+01		3.7E+01
2.0E+00	S	5.7E-04	S					V		1	0.14	7.6E+02	1.4E+09	9.2E+04	~Arodor 1221	11104-28-2	1.4E+00	1.5E+00	2.0E+00	5.4E-01				
2.0E+00	S	5.7E-04	S					V		1	0.14	7.3E+01	1.4E+09	9.2E+04	~Arodor 1232	11141-16-5	1.4E+00	1.5E+00	2.0E+00	5.4E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Arodor 1242	53469-21-9	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Arodor 1248	12672-29-6	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I					1	0.14		1.4E+09		~Arodor 1254	11097-69-1	1.4E+00	1.5E+00	2.9E+04	7.4E-01	2.0E+01	2.2E+01		1.1E+01
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Arodor 1260	11096-82-5	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01

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

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (μg/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	7.3E-04	7.9E-04	1.5E+01	3.8E-04	3.4E-02	3.7E-02	7.9E+03	1.8E-02
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	2.2E-04	2.4E-04	4.4E+00	1.1E-04	1.0E-02	1.1E-02	2.4E+03	5.3E-03
2.0E+00	I	5.7E-04	I							1	0.14		1.4E+09		~Polychlorinated Biphenyls (high risk)	1336-36-3	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
4.0E-01	I	1.0E-04	I							1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I							1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.2E-01	2.4E-01	4.4E+03	1.1E-01	1.0E+01	1.1E+01	2.4E+06	5.3E+00
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	7.3E-02	7.9E-02	1.5E+03	3.8E-02	3.4E+00	3.7E+00	7.9E+05	1.8E+00
						6.0E-04	I			1	0.1		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+06	3.6E+06
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V		1	0.13		1.4E+09	1.5E+05	~Acenaphthene	83-32-9					6.1E+04	7.1E+04		3.3E+04
				3.0E-01	I			V		1	0.13		1.4E+09	5.6E+05	~Anthracene	120-12-7					3.1E+05	3.6E+05		1.7E+05
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benz[a]anthracene	56-55-3	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Benzo(j)fluoranthene	205-82-3	2.4E+00	2.8E+00	1.5E+05	1.3E+00				
7.3E+00	I	1.1E-03	C						M	1	0.13		1.4E+09		~Benzo[a]pyrene	50-32-8	3.9E-01	4.6E-01	1.5E+04	2.1E-01				
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[b]fluoranthene	205-99-2	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
7.3E-02	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[k]fluoranthene	207-08-9	3.9E+01	4.6E+01	1.5E+05	2.1E+01				
7.3E-03	E	1.1E-05	C						M	1	0.13		1.4E+09		~Chrysene	218-01-9	3.9E+02	4.6E+02	1.5E+06	2.1E+02				
7.3E+00	E	1.2E-03	C						M	1	0.13		1.4E+09		~Dibenz[a,h]anthracene	53-70-3	3.9E-01	4.6E-01	1.4E+04	2.1E-01				
1.2E+01	C	1.1E-03	C							1	0.13		1.4E+09		~Dibenzo(a,e)pyrene	192-65-4	2.4E-01	2.8E-01	1.5E+04	1.3E-01				
2.5E+02	C	7.1E-02	C						M	1	0.13		1.4E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.1E-02	1.3E-02	2.3E+02	6.2E-03				
				4.0E-02	I					1	0.13		1.4E+09		~Fluoranthene	206-44-0					4.1E+04	4.8E+04		2.2E+04
				4.0E-02	I			V		1	0.13		1.4E+09	3.0E+05	~Fluorene	86-73-7					4.1E+04	4.8E+04		2.2E+04
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
2.9E-02	P			7.0E-02	A			V		1	0.13	3.9E+02	1.4E+09	6.3E+04	~Methylnaphthalene, 1-	90-12-0	9.9E+01	1.2E+02		5.3E+01	7.2E+04	8.3E+04		3.9E+04
				4.0E-03	I			V		1	0.13	3.7E+02	1.4E+09	6.2E+04	~Methylnaphthalene, 2-	91-57-6					4.1E+03	4.8E+03		2.2E+03
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		1.4E+09	5.0E+04	~Naphthalene	91-20-3			1.8E+01	1.8E+01	2.0E+04	2.4E+04	6.6E+02	6.2E+02
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Nitropyrene, 4-	57835-92-4	2.4E+00	2.8E+00	1.5E+05	1.3E+00				
				3.0E-02	I			V		1	0.13		1.4E+09	2.6E+06	~Pyrene	129-00-0					3.1E+04	3.6E+04		1.7E+04
1.5E-01	I			9.0E-03	I					1	0.1		1.4E+09		Prochloraz	67747-09-5	1.9E+01	2.9E+01		1.1E+01	9.2E+03	1.4E+04		5.5E+03
				6.0E-03	H					1	0.1		1.4E+09		Profluralin	26399-36-0					6.1E+03	9.3E+03		3.7E+03
				1.5E-02	I					1	0.1		1.4E+09		Prometon	1610-18-0					1.5E+04	2.3E+04		9.2E+03
				4.0E-03	I					1	0.1		1.4E+09		Prometryn	7287-19-6					4.1E+03	6.2E+03		2.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Propachlor	1918-16-7					1.3E+04	2.0E+04		8.0E+03
				5.0E-03	I					1	0.1		1.4E+09		Propanil	709-98-8					5.1E+03	7.7E+03		3.1E+03
				2.0E-02	I					1	0.1		1.4E+09		Propargite	2312-35-8					2.0E+04	3.1E+04		1.2E+04
				2.0E-03	I					1	0.1		1.4E+09		Propargyl Alcohol	107-19-7					2.0E+03	3.1E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Propazine	139-40-2					2.0E+04	3.1E+04		1.2E+04
				2.0E-02	I					1	0.1		1.4E+09		Propham	122-42-9					2.0E+04	3.1E+04		1.2E+04
				1.3E-02	I					1	0.1		1.4E+09		Propiconazole	60207-90-1					1.3E+04	2.0E+04		8.0E+03
						8.0E-03	I	V		1		3.3E+04	1.4E+09	9.6E+03	Propionaldehyde	123-38-6							3.4E+02	3.4E+02
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	1.4E+09	7.5E+03	Propyl benzene	103-65-1					1.0E+05	1.5E+05	3.3E+04	2.1E+04
						3.0E+00	C	V		1	0.1	3.5E+02	1.4E+09	7.6E+02	Propylene	115-07-1							1.0E+04	1.0E+04
				2.0E+01	P					1	0.1		1.4E+09		Propylene Glycol	57-55-6					2.0E+07	3.1E+07		1.2E+07
						2.7E-04	A			1	0.1		1.4E+09		Propylene Glycol Dinitrate	6423-43-4							1.6E+06	1.6E+06
				7.0E-01	H					1	0.1		1.4E+09		Propylene Glycol Monoethyl Ether	1569-02-4					7.2E+05	1.1E+06		4.3E+05
				7.0E-01	H	2.0E+00	I			1	0.1		1.4E+09		Propylene Glycol Monomethyl Ether	107-98-2					7.2E+05	1.1E+06	1.2E+10	4.3E+05
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		7.8E+04	1.4E+09	1.1E+04	Propylene Oxide	75-56-9	1.2E+01		3.7E+01	9.0E+00			1.5E+03	1.5E+03
				2.5E-01	I					1	0.1		1.4E+09		Pursuit	81335-77-5					2.6E+05	3.9E+05		1.5E+05
				2.5E-02	I					1	0.1		1.4E+09		Pydrin	51630-58-1					2.6E+04	3.9E+04		1.5E+04
				1.0E-03	I			V		1		5.3E+05	1.4E+09	6.0E+04	Pyridine	110-86-1					1.0E+03			1.0E+03
				5.0E-04	I					1	0.1		1.4E+09		Quinalphos	13593-03-8					5.1E+02	7.7E+02		3.1E+02
3.0E+00	I									1	0.1		1.4E+09		Quinoline	91-22-5	9.5E-01	1.4E+00		5.7E-01				
						3.0E-02	A			1			1.4E+09		Refractory Ceramic Fibers	NA							1.8E+08	1.8E+08
				3.0E-02	I					1	0.1		1.4E+09		Resmethrin	10453-86-8					3.1E+04	4.6E+04		1.8E+04
				5.0E-02	H					1	0.1		1.4E+09		Ronnel	299-84-3					5.1E+04	7.7E+04		3.1E+04
				4.0E-03	I					1	0.1		1.4E+09		Rotenone	83-79-4					4.1E+03	6.2E+03		2.5E+03
2.2E-01	C	6.3E-05	C						M	1	0.1		1.4E+09		Safrole	94-59-7	1.3E+01	2.0E+01	2.6E+05	7.8E+00				
				2.5E-02	I					1	0.1		1.4E+09		Savey	78587-05-0					2.6E+04	3.9E+04		1.5E+04
				5.0E-03	I					1			1.4E+09		Selenious Acid	7783-00-8					5.1E+03			5.1E+03
				5.0E-03	I	2.0E-02	C			1			1.4E+09		Selenium	7782-49-2					5.1E+03		1.2E+08	5.1E+03
				5.0E-03	C	2.0E-02	C			1			1.4E+09		Selenium Sulfide	7446-34-6					5.1E+03		1.2E+08	5.1E+03

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	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-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				9.0E-02	I					1	0.1		1.4E+09		Sethoxydim	74051-80-2					9.2E+04	1.4E+05		5.5E+04
						3.0E-03	C			1			1.4E+09		Silica (crystalline, respirable)	7631-86-9							1.8E+07	1.8E+07
				5.0E-03	I					0.04			1.4E+09		Silver	7440-22-4					5.1E+03			5.1E+03
1.2E-01	H			5.0E-03	I					1	0.1		1.4E+09		Simazine	122-34-9	2.4E+01	3.6E+01		1.4E+01	5.1E+03	7.7E+03		3.1E+03
				1.3E-02	I					1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.3E+04	2.0E+04		8.0E+03
				4.0E-03	I					1			1.4E+09		Sodium Azide	26628-22-8					4.1E+03			4.1E+03
2.7E-01	H			3.0E-02	I					1	0.1		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	1.1E+01	1.6E+01		6.4E+00	3.1E+04	4.6E+04		1.8E+04
				5.0E-02	A	1.3E-02	C			1			1.4E+09		Sodium Fluoride	7681-49-4					5.1E+04		7.7E+07	5.1E+04
				2.0E-05	I					1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					2.0E+01	3.1E+01		1.2E+01
				1.0E-03	H					1			1.4E+09		Sodium Metavanadate	13718-26-8					1.0E+03			1.0E+03
2.4E-02	H			3.0E-02	I					1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	1.2E+02	1.8E+02		7.2E+01	3.1E+04	4.6E+04		1.8E+04
				6.0E-01	I					1			1.4E+09		Strontium, Stable	7440-24-6					6.1E+05			6.1E+05
				3.0E-04	I					1	0.1		1.4E+09		Strychnine	57-24-9					3.1E+02	4.6E+02		1.8E+02
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	1.4E+09	1.0E+04	Styrene	100-42-5					2.0E+05		4.4E+04	3.6E+04
				1.0E-03	P	2.0E-03	P			1	0.1		1.4E+09		Sulfolane	126-33-0					1.0E+03	1.5E+03	1.2E+07	6.2E+02
				8.0E-04	P					1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					8.2E+02	1.2E+03		4.9E+02
						1.0E-03	C			1			1.4E+09		Sulfuric Acid	7664-93-9							6.0E+06	6.0E+06
				2.5E-02	I					1	0.1		1.4E+09		Systhane	88671-89-0					2.6E+04	3.9E+04		1.5E+04
				3.0E-02	H					1	0.1		1.4E+09		TCMTB	21564-17-0					3.1E+04	4.6E+04		1.8E+04
				7.0E-02	I					1	0.1		1.4E+09		Tebuthiuron	34014-18-1					7.2E+04	1.1E+05		4.3E+04
				2.0E-02	H					1	0.1		1.4E+09		Temephos	3383-96-8					2.0E+04	3.1E+04		1.2E+04
				1.3E-02	I					1	0.1		1.4E+09		Terbacil	5902-51-2					1.3E+04	2.0E+04		8.0E+03
				2.5E-05	H					1	0.1		1.4E+09		Terbufos	13071-79-9					2.6E+01	3.9E+01		1.5E+01
				1.0E-03	I					1	0.1		1.4E+09		Terbutryn	886-50-0					1.0E+03	1.5E+03		6.2E+02
				1.0E-04	I					1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E+02	1.5E+02		6.2E+01
				3.0E-04	I					1	0.1		1.4E+09		Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.1E+02	4.6E+02		1.8E+02
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	1.4E+09	6.1E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	1.1E+02		1.0E+01	9.3E+00	3.1E+04			3.1E+04
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	1.4E+09	1.6E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	1.4E+01		3.4E+00	2.8E+00	2.0E+04			2.0E+04
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		1		1.7E+02	1.4E+09	2.5E+03	Tetrachloroethylene	127-18-4	1.4E+03		1.2E+02	1.1E+02	6.1E+03		4.4E+02	4.1E+02
				3.0E-02	I					1	0.1		1.4E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					3.1E+04	4.6E+04		1.8E+04
2.0E+01	H									1	0.1		1.4E+09		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	1.4E-01	2.2E-01		8.6E-02				
				5.0E-04	I					1	0.1		1.4E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					5.1E+02	7.7E+02		3.1E+02
						8.0E+01	I	V		1		1.1E+03	1.4E+09	1.3E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							4.6E+05	4.6E+05
				4.0E-03	P					1	0.1		1.4E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.1E+03	6.2E+03		2.5E+03
				1.0E-05	X					1			1.4E+09		Thallium (Soluble Salts)	7440-28-0					1.0E+01			1.0E+01
				1.0E-02	I					1	0.1		1.4E+09		Thiobencarb	28249-77-6					1.0E+04	1.5E+04		6.2E+03
				7.0E-02	X					1	0.008		1.4E+09		Thiodiglycol	111-48-8					7.2E+04	1.4E+06		6.8E+04
				3.0E-04	H					1	0.1		1.4E+09		Thiofanox	39196-18-4					3.1E+02	4.6E+02		1.8E+02
				8.0E-02	I					1	0.1		1.4E+09		Thiophanate, Methyl	23564-05-8					8.2E+04	1.2E+05		4.9E+04
				5.0E-03	I					1	0.1		1.4E+09		Thiram	137-26-8					5.1E+03	7.7E+03		3.1E+03
				6.0E-01	H					1			1.4E+09		Tin	7440-31-5					6.1E+05			6.1E+05
						1.0E-04	A			1			1.4E+09		Titanium Tetrachloride	7550-45-0							6.0E+05	6.0E+05
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	1.4E+09	4.6E+03	Toluene	108-88-3					8.2E+04		1.0E+05	4.5E+04
1.8E-01	X			1.0E-04	X					1	0.1		1.4E+09		Toluene-2,5-diamine	95-70-5	1.6E+01	2.4E+01		9.6E+00	1.0E+02	1.5E+02		6.2E+01
1.9E-01	H									1	0.1		1.4E+09		Toluidine, p-	106-49-0	1.5E+01	2.3E+01		9.1E+00				
1.1E+00	I	3.2E-04	I							1	0.1		1.4E+09		Toxaphene	8001-35-2	2.6E+00	3.9E+00	5.2E+04	1.6E+00				
				7.5E-03	I					1	0.1		1.4E+09		Tralomethrin	66841-25-6					7.7E+03	1.2E+04		4.6E+03
				3.0E-04	A					1	0.1		1.4E+09		Tri-n-butyltin	688-73-3					3.1E+02	4.6E+02		1.8E+02
				1.3E-02	I					1	0.1		1.4E+09		Triallate	2303-17-5					1.3E+04	2.0E+04		8.0E+03
				1.0E-02	I					1	0.1		1.4E+09		Triasulfuron	82097-50-5					1.0E+04	1.5E+04		6.2E+03
				5.0E-03	I					1	0.1		1.4E+09		Tribromobenzene, 1,2,4-	615-54-3					5.1E+03	7.7E+03		3.1E+03
9.0E-03	P			1.0E-02	P					1	0.1		1.4E+09		Tributyl Phosphate	126-73-8	3.2E+02	4.8E+02		1.9E+02	1.0E+04	1.5E+04		6.2E+03
				3.0E-04	P					1	0.1		1.4E+09		Tributyltin Compounds	NA					3.1E+02	4.6E+02		1.8E+02
				3.0E-04	I					1	0.1		1.4E+09		Tributyltin Oxide	56-35-9					3.1E+02	4.6E+02		1.8E+02
				3.0E+01	I	3.0E+01	H	V		1		9.1E+02	1.4E+09	1.4E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.1E+07		1.8E+05	1.8E+05
7.0E-02	I			2.0E-02	I					1	0.1		1.4E+09		Trichloroacetic Acid	76-03-9	4.1E+01	6.2E+01		2.5E+01	2.0E+04	3.1E+04		1.2E+04
2.9E-02	H									1	0.1		1.4E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	9.9E+01	1.5E+02		5.9E+01				
7.0E-03	X			3.0E-05	X					1	0.1		1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	4.1E+02	6.2E+02		2.5E+02	3.1E+01	4.6E+01		1.8E+01
				8.0E-04	X			V		1	0.1	1.5E+02	1.4E+09	3.5E+04	Trichlorobenzene, 1,2,3-	87-61-6					8.2E+02	1.2E+03		4.9E+02
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	1.4E+09	3.2E+04	Trichlorobenzene, 1,2,4-	120-82-1	9.9E+01			9.9E+01	1.0E+04		2.8E+02	2.7E+02
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	1.4E+09	1.8E+03	Trichloroethane, 1,1,1-	71-55-6					2.0E+06		3.9E+04	3.8E+04
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	1.4E+09	7.8E+03	Trichloroethane, 1,1,2-	79-00-5	5.0E+01		6.0E+00	5.3E+00	4.1E+03		6.8E+00	6.8E+00
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1		6.9E+02	1.4E+09	2.4E+03	Trichloroethylene	79-01-6	6.2E+01		7.1E+00	6.4E+00	5.1E+02		2.1E+01	2.0E+01
				3.0E-01	I	7.0E-01	H	V		1		1.2E+03	1.4E+09	1.1E+03	Trichlorofluoromethane	75-69-4					3.1E+05		3.4E+03	3.4E+03
				1.0E-01	I					1	0.1		1.4E+09		Trichlorophenol, 2,4,5-	95-95-4					1.0E+05	1.5E+05		6.2E+04

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

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		1.4E+09		Trichlorophenol, 2,4,6-	88-06-2	2.6E+02	3.9E+02	5.4E+06	1.6E+02	1.0E+03	1.5E+03		6.2E+02
				1.0E-02	I					1	0.1		1.4E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E+04	1.5E+04		6.2E+03
				8.0E-03	I					1	0.1		1.4E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					8.2E+03	1.2E+04		4.9E+03
				5.0E-03	I			V		1		1.3E+03	1.4E+09	1.6E+04	Trichloropropane, 1,1,2-	598-77-6					5.1E+03			5.1E+03
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	1.4E+09	1.7E+04	Trichloropropane, 1,2,3-	96-18-4	9.5E-02			9.5E-02	4.1E+03		2.2E+01	2.2E+01
				3.0E-03	X	3.0E-04	P	V		1		4.5E+02	1.4E+09	2.5E+03	Trichloropropene, 1,2,3-	96-19-5					3.1E+03		3.3E+00	3.3E+00
				3.0E-03	I					1	0.1		1.4E+09		Tridiphane	58138-08-2					3.1E+03	4.6E+03		1.8E+03
						7.0E-03	I	V		1		2.8E+04	1.4E+09	1.7E+04	Triethylamine	121-44-8							5.2E+02	5.2E+02
7.7E-03	I			7.5E-03	I					1	0.1		1.4E+09		Trifluralin	1582-09-8	3.7E+02	5.6E+02		2.2E+02	7.7E+03	1.2E+04		4.6E+03
2.0E-02	P			1.0E-02	P					1	0.1		1.4E+09		Trimethyl Phosphate	512-56-1	1.4E+02	2.2E+02		8.6E+01	1.0E+04	1.5E+04		6.2E+03
						5.0E-03	P	V		1		2.9E+02	1.4E+09	1.0E+04	Trimethylbenzene, 1,2,3-	526-73-8							2.2E+02	2.2E+02
						7.0E-03	P	V		1		2.2E+02	1.4E+09	8.5E+03	Trimethylbenzene, 1,2,4-	95-63-6							2.6E+02	2.6E+02
				1.0E-02	X			V		1		1.8E+02	1.4E+09	7.1E+03	Trimethylbenzene, 1,3,5-	108-67-8					1.0E+04			1.0E+04
				3.0E-02	I					1	0.019		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4					3.1E+04	2.4E+05		2.7E+04
3.0E-02	I			5.0E-04	I					1	0.032		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	9.5E+01	4.5E+02		7.9E+01	5.1E+02	2.4E+03		4.2E+02
				2.0E-02	P					1	0.1		1.4E+09		Triphenylphosphine Oxide	791-28-6					2.0E+04	3.1E+04		1.2E+04
2.0E-02	P			7.0E-03	P					1	0.1		1.4E+09		Tris(2-chloroethyl)phosphate	115-96-8	1.4E+02	2.2E+02		8.6E+01	7.2E+03	1.1E+04		4.3E+03
3.2E-03	P			1.0E-01	P					1	0.1		1.4E+09		Tris(2-ethylhexyl)phosphate	78-42-2	8.9E+02	1.4E+03		5.4E+02	1.0E+05	1.5E+05		6.2E+04
				3.0E-03	I					1			1.4E+09		Uranium (Soluble Salts)	NA					3.1E+03			3.1E+03
1.0E+00	C	2.9E-04	C						M	1	0.1		1.4E+09		Urethane	51-79-6	2.9E+00	4.3E+00	5.7E+04	1.7E+00				
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			1.4E+09		Vanadium Pentoxide	1314-62-1			2.0E+03	2.0E+03	9.2E+03		4.2E+04	7.5E+03
				5.0E-03	S					1			1.4E+09		Vanadium and Compounds	NA					5.2E+03			5.2E+03
				1.0E-03	I					1	0.1		1.4E+09		Vernolate	1929-77-7					1.0E+03	1.5E+03		6.2E+02
				2.5E-02	I					1	0.1		1.4E+09		Vindozolin	50471-44-8					2.6E+04	3.9E+04		1.5E+04
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	1.4E+09	4.7E+03	Vinyl Acetate	108-05-4					1.0E+06		4.1E+03	4.1E+03
		3.2E-05	H			3.0E-03	I	V		1		0.0E+00	1.4E+09	1.5E+03	Vinyl Bromide	593-60-2			5.6E-01	5.6E-01			1.9E+01	1.9E+01
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	1.4E+09	1.0E+03	Vinyl Chloride	75-01-4	4.0E+00		2.9E+00	1.7E+00	3.1E+03		4.5E+02	3.9E+02
				3.0E-04	I					1	0.1		1.4E+09		Warfarin	81-81-2					3.1E+02	4.6E+02		1.8E+02
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	6.0E+03	Xylene, P-	106-42-3					2.0E+05		2.6E+03	2.6E+03
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.9E+03	Xylene, m-	108-38-3					2.0E+05		2.6E+03	2.5E+03
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	1.4E+09	7.0E+03	Xylene, o-	95-47-6					2.0E+05		3.0E+03	3.0E+03
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	1.4E+09	6.3E+03	Xylenes	1330-20-7					2.0E+05		2.7E+03	2.7E+03
				3.0E-04	I					1			1.4E+09		Zinc Phosphide	1314-84-7					3.1E+02			3.1E+02
				3.0E-01	I					1			1.4E+09		Zinc and Compounds	7440-66-6					3.1E+05			3.1E+05
				5.0E-02	I					1	0.1		1.4E+09		Zineb	12122-67-7					5.1E+04	7.7E+04		3.1E+04