Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		1.4E+09		ALAR	1596-84-5	3.5E+01	1.1E+02	6.5E+05	2.7E+01	1.2E+04	4.2E+04		9.2E+03
8.7E-03	I			4.0E-03	I					1	0.1		1.4E+09		Acephate	30560-19-1	7.3E+01	2.3E+02		5.6E+01	3.1E+02	1.1E+03		2.4E+02
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	1.4E+09	9.4E+03	Acetaldehyde	75-07-0			1.0E+01	1.0E+01			8.8E+01	8.8E+01
				2.0E-02	I					1	0.1		1.4E+09		Acetochlor	34256-82-1					1.6E+03	5.6E+03		1.2E+03
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	1.4E+09	1.5E+04	Acetone	67-64-1					7.0E+04		4.7E+05	6.1E+04
				3.0E-03	P	6.0E-02	P	V		1		1.1E+05	1.4E+09	2.6E+04	Acetone Cyanohydrin	75-86-5					2.3E+02		1.6E+03	2.0E+02
						6.0E-02	I	V		1		1.3E+05	1.4E+09	1.4E+04	Acetonitrile	75-05-8							8.7E+02	8.7E+02
				1.0E-01	I			V		1		2.5E+03	1.4E+09	6.4E+04	Acetophenone	98-86-2					7.8E+03			7.8E+03
3.8E+00	C	1.3E-03	C							1	0.1		1.4E+09		Acetylaminofluorene, 2-	53-96-3	1.7E-01	5.3E-01	2.5E+03	1.3E-01				
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	1.4E+09	7.4E+03	Acrolein	107-02-8					3.9E+01		1.6E-01	1.5E-01
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M	1	0.1		1.4E+09		Acrylamide	79-06-1	3.0E-01	1.0E+00	1.3E+04	2.3E-01	1.6E+02	5.6E+02	8.5E+06	1.2E+02
				5.0E-01	I	1.0E-03	I			1	0.1		1.4E+09		Acrylic Acid	79-10-7					3.9E+04	1.4E+05	1.4E+06	3.0E+04
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	1.4E+09	8.3E+03	Acrylonitrile	107-13-1	1.2E+00		3.0E-01	2.4E-01	3.1E+03		1.7E+01	1.7E+01
						6.0E-03	P			1	0.1		1.4E+09		Adiponitrile	111-69-3							8.5E+06	8.5E+06
5.6E-02	C			1.0E-02	I					1	0.1		1.4E+09		Alachlor	15972-60-8	1.1E+01	3.6E+01		8.7E+00	7.8E+02	2.8E+03		6.1E+02
				1.0E-03	I					1	0.1		1.4E+09		Aldicarb	116-06-3					7.8E+01	2.8E+02		6.1E+01
				1.0E-03	I					1	0.1		1.4E+09		Aldicarb Sulfone	1646-88-4					7.8E+01	2.8E+02		6.1E+01
1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1		1.4E+09		Aldrin	309-00-2	3.8E-02	1.2E-01	6.8E+02	2.9E-02	2.3E+00	8.4E+00		1.8E+00
				2.5E-01	I					1	0.1		1.4E+09		Ally	74223-64-6					2.0E+04	7.0E+04		1.5E+04
				5.0E-03	I	1.0E-04	X			1	0.1		1.4E+09		Allyl Alcohol	107-18-6					3.9E+02	1.4E+03	1.4E+05	3.0E+02
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	1.4E+09	1.7E+03	Allyl Chloride	107-05-1	3.0E+01		6.9E-01	6.8E-01			1.8E+00	1.8E+00
				1.0E+00	P	5.0E-03	P			1			1.4E+09		Aluminum	7429-90-5					7.8E+04		7.1E+06	7.7E+04
				4.0E-04	I					1			1.4E+09		Aluminum Phosphide	20859-73-8					3.1E+01			3.1E+01
				3.0E-04	I					1	0.1		1.4E+09		Amdro	67485-29-4					2.3E+01	8.4E+01		1.8E+01
				9.0E-03	I					1	0.1		1.4E+09		Ametryn	834-12-8					7.0E+02	2.5E+03		5.5E+02
2.1E+01	C	6.0E-03	C							1	0.1		1.4E+09		Aminobiphenyl, 4-	92-67-1	3.0E-02	9.6E-02	5.5E+02	2.3E-02				
				8.0E-02	P					1	0.1		1.4E+09		Aminophenol, m-	591-27-5					6.3E+03	2.2E+04		4.9E+03
				2.0E-02	P					1	0.1		1.4E+09		Aminophenol, p-	123-30-8					1.6E+03	5.6E+03		1.2E+03
				2.5E-03	I					1	0.1		1.4E+09		Amitraz	33089-61-1					2.0E+02	7.0E+02		1.5E+02
						1.0E-01	I			1					Ammonia	7664-41-7								
				7.0E-04	I					1			1.4E+09		Ammonium Perchlorate	7790-98-9					5.5E+01			5.5E+01
				2.0E-01	I					1			1.4E+09		Ammonium Sulfamate	7773-06-0					1.6E+04			1.6E+04
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		1.4E+09		Aniline	62-53-3	1.1E+02	3.5E+02	2.1E+06	8.5E+01	5.5E+02	2.0E+03	1.4E+06	4.3E+02
				4.0E-04	I					0.15			1.4E+09		Antimony (metallic)	7440-36-0					3.1E+01			3.1E+01
				5.0E-04	H					0.15			1.4E+09		Antimony Pentoxide	1314-60-9					3.9E+01			3.9E+01
				9.0E-04	H					0.15			1.4E+09		Antimony Potassium Tartrate	11071-15-1					7.0E+01			7.0E+01
				4.0E-04	H					0.15			1.4E+09		Antimony Tetroxide	1332-81-6					3.1E+01			3.1E+01
						2.0E-04	I			0.15			1.4E+09		Antimony Trioxide	1309-64-4							2.8E+05	2.8E+05
				1.3E-02	I					1	0.1		1.4E+09		Apollo	74115-24-5					1.0E+03	3.6E+03		7.9E+02
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		1.4E+09		Aramite	140-57-8	2.6E+01	8.1E+01	4.7E+05	1.9E+01	3.9E+03	1.4E+04		3.1E+03
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		1.4E+09		Arsenic, Inorganic	7440-38-2	4.3E-01	4.5E+00	7.7E+02	3.9E-01	2.3E+01	2.8E+02	2.1E+04	2.2E+01
				3.5E-06	C	5.0E-05	I			1			1.4E+09		Arsine	7784-42-1					2.7E-01		7.1E+04	2.7E-01
				9.0E-03	I					1	0.1		1.4E+09		Assure	76578-14-8					7.0E+02	2.5E+03		5.5E+02
				5.0E-02	I					1	0.1		1.4E+09		Asulam	3337-71-1					3.9E+03	1.4E+04		3.1E+03
2.3E-01	C			3.5E-02	I					1	0.1		1.4E+09		Atrazine	1912-24-9	2.8E+00	8.8E+00		2.1E+00	2.7E+03	9.8E+03		2.1E+03
8.8E-01	C	2.5E-04	C							1	0.1		1.4E+09		Auramine	492-80-8	7.3E-01	2.3E+00	1.3E+04	5.5E-01				
				4.0E-04	I					1	0.1		1.4E+09		Avermectin B1	65195-55-3					3.1E+01	1.1E+02		2.4E+01
1.1E-01	I	3.1E-05	I					V		1			1.4E+09	5.8E+05	Azobenzene	103-33-3	5.8E+00		4.5E+01	5.1E+00				
				2.0E-01	I	5.0E-04	H			0.07			1.4E+09		Barium	7440-39-3					1.6E+04		7.1E+05	1.5E+04
				4.0E-03	I					1	0.1		1.4E+09		Baygon	114-26-1					3.1E+02	1.1E+03		2.4E+02
				3.0E-02	I					1	0.1		1.4E+09		Bayleton	43121-43-3					2.3E+03	8.4E+03		1.8E+03
				2.5E-02	I					1	0.1		1.4E+09		Baythroid	68359-37-5					2.0E+03	7.0E+03		1.5E+03
				3.0E-01	I					1	0.1		1.4E+09		Benefin	1861-40-1					2.3E+04	8.4E+04		1.8E+04
				5.0E-02	I					1	0.1		1.4E+09		Benomyl	17804-35-2					3.9E+03	1.4E+04		3.1E+03
				3.0E-02	I					1	0.1		1.4E+09		Bentazon	25057-89-0					2.3E+03	8.4E+03		1.8E+03
				1.0E-01	I			V		1		1.2E+03	1.4E+09	2.4E+04	Benzaldehyde	100-52-7					7.8E+03			7.8E+03
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.8E+03	1.4E+09	3.8E+03	Benzene	71-43-2	1.2E+01		1.2E+00	1.1E+00	3.1E+02		1.2E+02	8.6E+01
				1.0E-05	H			V		1		1.3E+03	1.4E+09	2.1E+04	Benzenethiol	108-98-5					7.8E-01			7.8E-01
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		1.4E+09		Benzidine	92-87-5	6.5E-04	2.2E-03	1.9E+01	5.0E-04	2.3E+02	8.4E+02		1.8E+02
				4.0E+00	I					1	0.1		1.4E+09		Benzoic Acid	65-85-0					3.1E+05	1.1E+06		2.4E+05

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
1.3E+01	I							V		1		3.2E+02	1.4E+09	7.3E+04	Benzotrichloride	98-07-7	4.9E-02			4.9E-02				
				1.0E-01	P					1	0.1		1.4E+09		Benzyl Alcohol	100-51-6					7.8E+03	2.8E+04		6.1E+03
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.5E+03	1.4E+09	2.7E+04	Benzyl Chloride	100-44-7	3.8E+00		1.4E+00	1.0E+00	1.6E+02		2.9E+01	2.4E+01
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			1.4E+09		Beryllium and compounds	7440-41-7			1.4E+03	1.4E+03	1.6E+02		2.8E+04	1.6E+02
				1.0E-04	I					1	0.1		1.4E+09		Bidrin	141-66-2					7.8E+00	2.8E+01		6.1E+00
				9.0E-03	P					1	0.1		1.4E+09		Bifenox	42576-02-3					7.0E+02	2.5E+03		5.5E+02
				1.5E-02	I					1	0.1		1.4E+09		Biphenthrin	82657-04-3					1.2E+03	4.2E+03		9.2E+02
				5.0E-02	I			V		1		2.1E+02	1.4E+09	1.2E+05	Biphenyl, 1,1'-	92-52-4					3.9E+03			3.9E+03
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.0E+03	1.4E+09	3.8E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	9.1E+00		9.2E+00	4.6E+00	3.1E+03			3.1E+03
				3.0E-03	P					1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					2.3E+02	8.4E+02		1.8E+02
1.1E+00	I	3.3E-04	I					V		1		5.1E+03	1.4E+09	4.6E+04	Bis(2-chloroethyl)ether	111-44-4	5.8E-01		3.4E-01	2.1E-01				
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		1.4E+09		Bis(2-ethylhexyl)phthalate	117-81-7	4.6E+01	1.4E+02	1.4E+06	3.5E+01	1.6E+03	5.6E+03		1.2E+03
2.2E+02	I	6.2E-02	I					V		1		4.2E+03	1.4E+09	2.0E+03	Bis(chloromethyl)ether	542-88-1	2.9E-03		7.9E-05	7.7E-05				
				5.0E-02	I					1	0.1		1.4E+09		Bisphenol A	80-05-7					3.9E+03	1.4E+04		3.1E+03
				2.0E-01	I	2.0E-02	H			1			1.4E+09		Boron And Borates Only	7440-42-8					1.6E+04		2.8E+07	1.6E+04
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Boron Trifluoride	7637-07-2					3.1E+03		1.8E+07	3.1E+03
7.0E-01	I			4.0E-03	I					1			1.4E+09		Bromate	15541-45-4	9.1E-01			9.1E-01	3.1E+02			3.1E+02
2.0E+00	X	6.0E-04	X					V		1		2.4E+03	1.4E+09	6.4E+03	Bromo-2-chloroethane, 1-	107-04-0	3.2E-01		2.6E-02	2.4E-02				
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	1.4E+09	9.0E+03	Bromobenzene	108-86-1					6.3E+02		5.6E+02	3.0E+02
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		1		9.3E+02	1.4E+09	4.3E+03	Bromodichloromethane	75-27-4	1.0E+01		2.8E-01	2.7E-01	1.6E+03			1.6E+03
7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		1.4E+09		Bromoform	75-25-2	8.1E+01	2.6E+02	3.0E+06	6.1E+01	1.6E+03	5.6E+03		1.2E+03
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	1.4E+09	1.5E+03	Bromomethane	74-83-9					1.1E+02		7.8E+00	7.3E+00
				5.0E-03	H					1	0.1		1.4E+09		Bromophos	2104-96-3					3.9E+02	1.4E+03		3.1E+02
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil	1689-84-5					1.6E+03	5.6E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Bromoxynil Octanoate	1689-99-2					1.6E+03	5.6E+03		1.2E+03
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	1.4E+09	9.3E+02	Butadiene, 1,3-	106-99-0	1.9E-01		7.6E-02	5.4E-02			1.9E+00	1.9E+00
				1.0E-01	I					1	0.1		1.4E+09		Butanol, N-	71-36-3					7.8E+03	2.8E+04		6.1E+03
1.9E-03	P			2.0E-01	I					1	0.1		1.4E+09		Butyl Benzyl Phthlate	85-68-7	3.4E+02	1.1E+03		2.6E+02	1.6E+04	5.6E+04		1.2E+04
				2.0E+00	P	3.0E+01	P			1	0.1		1.4E+09		Butyl alcohol, sec-	78-92-2					1.6E+05	5.6E+05	4.3E+10	1.2E+05
				5.0E-02	I					1	0.1		1.4E+09		Butylate	2008-41-5					3.9E+03	1.4E+04		3.1E+03
2.0E-04	C	5.7E-08	C							1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	3.2E+03	1.0E+04	5.8E+07	2.4E+03				
				1.0E+00	I					1	0.1		1.4E+09		Butylphthalyl Butylglycolate	85-70-1					7.8E+04	2.8E+05		6.1E+04
				2.0E-02	A					1	0.1		1.4E+09		Cacodylic Acid	75-60-5					1.6E+03	5.6E+03		1.2E+03
		1.8E-03	I	1.0E-03	I	1.0E-05	A			0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			1.8E+03	1.8E+03	7.8E+01	7.0E+02	1.4E+04	7.0E+01
		1.8E-03	I	5.0E-04	I	1.0E-05	A			0.05	0.001				Cadmium (Water)	7440-43-9								
				5.0E-01	I					1	0.1		1.4E+09		Caprolactam	105-60-2					3.9E+04	1.4E+05		3.1E+04
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		1.4E+09		Captafol	2425-06-1	4.3E+00	1.3E+01	7.7E+04	3.2E+00	1.6E+02	5.6E+02		1.2E+02
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		1.4E+09		Captan	133-06-2	2.8E+02	8.8E+02	5.0E+06	2.1E+02	1.0E+04	3.6E+04		7.9E+03
				1.0E-01	I					1	0.1		1.4E+09		Carbaryl	63-25-2					7.8E+03	2.8E+04		6.1E+03
				5.0E-03	I					1	0.1		1.4E+09		Carbofuran	1563-66-2					3.9E+02	1.4E+03		3.1E+02
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	1.4E+09	1.3E+03	Carbon Disulfide	75-15-0					7.8E+03		9.2E+02	8.2E+02
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	1.4E+09	1.6E+03	Carbon Tetrachloride	56-23-5	9.1E+00		6.5E-01	6.1E-01	3.1E+02		1.7E+02	1.1E+02
				1.0E-02	I					1	0.1		1.4E+09		Carbosulfan	55285-14-8					7.8E+02	2.8E+03		6.1E+02
				1.0E-01	I					1	0.1		1.4E+09		Carboxin	5234-68-4					7.8E+03	2.8E+04		6.1E+03
						9.0E-04	I			1			1.4E+09		Ceric oxide	1306-38-3							1.3E+06	1.3E+06
				1.0E-01	I					1	0.1		1.4E+09		Chloral Hydrate	302-17-0					7.8E+03	2.8E+04		6.1E+03
				1.5E-02	I					1	0.1		1.4E+09		Chloramben	133-90-4					1.2E+03	4.2E+03		9.2E+02
4.0E-01	H									1	0.1		1.4E+09		Chloranil	118-75-2	1.6E+00	5.0E+00		1.2E+00				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		1.4E+09		Chlordane	12789-03-6	1.8E+00	1.4E+01	3.3E+04	1.6E+00	3.9E+01	3.5E+02	9.9E+05	3.5E+01
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	6.4E-02	2.0E-01	7.2E+02	4.9E-02	2.3E+01	8.4E+01		1.8E+01
				7.0E-04	A					1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					5.5E+01	2.0E+02		4.3E+01
				2.0E-02	I					1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					1.6E+03	5.6E+03		1.2E+03
				1.0E-01	I	1.5E-04	A			1			1.4E+09		Chlorine	7782-50-5					7.8E+03		2.1E+05	7.5E+03
				3.0E-02	I	2.0E-04	I			1			1.4E+09		Chlorine Dioxide	10049-04-4					2.3E+03		2.8E+05	2.3E+03
				3.0E-02	I					1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					2.3E+03			2.3E+03
						5.0E+01	I	V		1		1.2E+03	1.4E+09	1.1E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							5.8E+04	5.8E+04
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.5E+02	1.4E+09	1.2E+03	Chloro-1,3-butadiene, 2-	126-99-8			9.4E-03	9.4E-03	1.6E+03		2.4E+01	2.4E+01
4.6E-01	H									1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.4E+00	4.4E+00		1.1E+00				
2.7E-01	X									1	0.1		1.4E+09		Chloroacetaldehyde, 2-	107-20-0	2.4E+00	7.5E+00		1.8E+00				
				2.0E-03	H					1	0.1		1.4E+09		Chloroacetic Acid	79-11-8					1.6E+02	5.6E+02		1.2E+02

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
						3.0E-05	I			1	0.1		1.4E+09		Chloroacetophenone, 2-	532-27-4							4.3E+04	4.3E+04
2.0E-01	P			4.0E-03	I					1	0.1		1.4E+09		Chloroaniline, p-	106-47-8	3.2E+00	1.0E+01		2.4E+00	3.1E+02	1.1E+03		2.4E+02
				2.0E-02	I	5.0E-02	P	V		1		7.6E+02	1.4E+09	6.9E+03	Chlorobenzene	108-90-7					1.6E+03		3.6E+02	2.9E+02
1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		1.4E+09		Chlorobenzilate	510-15-6	5.8E+00	1.8E+01	1.1E+05	4.4E+00	1.6E+03	5.6E+03		1.2E+03
				3.0E-02	X					1	0.1		1.4E+09		Chlorobenzoic Acid, p-	74-11-3					2.3E+03	8.4E+03		1.8E+03
				3.0E-03	P	3.0E-01	P	V		1		1.2E+02	1.4E+09	7.3E+03	Chlorobenzotrifluoride, 4-	98-56-6					2.3E+02		2.3E+03	2.1E+02
				4.0E-02	P			V		1		7.3E+02	1.4E+09	1.9E+03	Chlorobutane, 1-	109-69-3					3.1E+03			3.1E+03
						5.0E+01	I	V		1		1.7E+03	1.4E+09	1.0E+03	Chlorodifluoromethane	75-45-6							5.3E+04	5.3E+04
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.5E+03	1.4E+09	2.8E+03	Chloroform	67-66-3	2.1E+01		3.0E-01	2.9E-01	7.8E+02		2.9E+02	2.1E+02
						9.0E-02	I	V		1		1.3E+03	1.4E+09	1.3E+03	Chloromethane	74-87-3							1.2E+02	1.2E+02
2.4E+00	C	6.9E-04	C					V		1		2.6E+04	1.4E+09	5.7E+03	Chloromethyl Methyl Ether	107-30-2	2.7E-01		2.0E-02	1.9E-02				
				8.0E-02	I			V		1		1.8E+02	1.4E+09	8.6E+04	Chloronaphthalene, Beta-	91-58-7					6.3E+03			6.3E+03
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1		1.4E+09		Chloronitrobenzene, o-	88-73-3	2.1E+00	6.7E+00		1.6E+00	2.3E+02	8.4E+02	1.4E+04	1.8E+02
6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1		1.4E+09		Chloronitrobenzene, p-	100-00-5	1.0E+02	3.2E+02		7.7E+01	7.8E+01	2.8E+02	8.5E+05	6.1E+01
				5.0E-03	I			V		1		2.2E+04	1.4E+09	1.3E+05	Chlorophenol, 2-	95-57-8					3.9E+02			3.9E+02
						4.0E-04	C	V		1		6.2E+02	1.4E+09	5.0E+03	Chloropicrin	76-06-2							2.1E+00	2.1E+00
3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1		1.4E+09		Chlorothalonil	1897-45-6	2.1E+02	6.5E+02	3.7E+06	1.6E+02	1.2E+03	4.2E+03		9.2E+02
				2.0E-02	I			V		1		9.1E+02	1.4E+09	8.7E+03	Chlorotoluene, o-	95-49-8					1.6E+03			1.6E+03
				7.0E-02	P			V		1		2.5E+02	1.4E+09	7.9E+03	Chlorotoluene, p-	106-43-4					5.5E+03			5.5E+03
2.4E+02	C	6.9E-02	C							1	0.1		1.4E+09		Chlorozotocin	54749-90-5	2.7E-03	8.4E-03	4.8E+01	2.0E-03				
				2.0E-01	I					1	0.1		1.4E+09		Chlorpropham	101-21-3					1.6E+04	5.6E+04		1.2E+04
				3.0E-03	I					1	0.1		1.4E+09		Chlorpyrifos	2921-88-2					2.3E+02	8.4E+02		1.8E+02
				1.0E-02	H					1	0.1		1.4E+09		Chlorpyrifos Methyl	5598-13-0					7.8E+02	2.8E+03		6.1E+02
				5.0E-02	I					1	0.1		1.4E+09		Chlorsulfuron	64902-72-3					3.9E+03	1.4E+04		3.1E+03
				8.0E-04	H					1	0.1		1.4E+09		Chlorthiophos	60238-56-4					6.3E+01	2.2E+02		4.9E+01
				1.5E+00	I					0.013			1.4E+09		Chromium(III), Insoluble Salts	16065-83-1					1.2E+05			1.2E+05
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	0.025			1.4E+09		Chromium(VI)	18540-29-9	3.0E-01		1.6E+01	2.9E-01	2.3E+02		1.4E+05	2.3E+02
										0.013			1.4E+09		Chromium, Total	7440-47-3								
		9.0E-03	P	3.0E-04	P	6.0E-06	P			1			1.4E+09		Cobalt	7440-48-4			3.7E+02	3.7E+02	2.3E+01		8.5E+03	2.3E+01
		6.2E-04	I						M	1	0.1				Coke Oven Emissions	8007-45-2								
				4.0E-02	H					1			1.4E+09		Copper	7440-50-8					3.1E+03			3.1E+03
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, m-	108-39-4					3.9E+03	1.4E+04	8.5E+08	3.1E+03
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, o-	95-48-7					3.9E+03	1.4E+04	8.5E+08	3.1E+03
				5.0E-03	H	6.0E-01	C			1	0.1		1.4E+09		Cresol, p-	106-44-5					3.9E+02	1.4E+03	8.5E+08	3.1E+02
				1.0E-01	X					1	0.1		1.4E+09		Cresol, p-chloro-m-	59-50-7					7.8E+03	2.8E+04		6.1E+03
				1.0E-01	A	6.0E-01	C	V		1		5.0E+04	1.4E+09	3.3E+05	Cresols	1319-77-3					7.8E+03		2.0E+05	7.5E+03
1.9E+00	H							V		1		1.7E+04	1.4E+09	2.0E+04	Crotonaldehyde, trans-	123-73-9	3.4E-01			3.4E-01				
				1.0E-01	I	4.0E-01	I	V		1		2.7E+02	1.4E+09	6.7E+03	Cumene	98-82-8					7.8E+03		2.8E+03	2.1E+03
2.2E-01	C	6.3E-05	C							1	0.1		1.4E+09		Cupferron	135-20-6	2.9E+00	9.2E+00	5.3E+04	2.2E+00				
8.4E-01	H			2.0E-03	H					1	0.1		1.4E+09		Cyanazine	21725-46-2	7.6E-01	2.4E+00		5.8E-01	1.6E+02	5.6E+02		1.2E+02
															Cyanides									
				4.0E-02	I					1			1.4E+09		~Calcium Cyanide	592-01-8					3.1E+03			3.1E+03
				5.0E-03	I					1			1.4E+09		~Copper Cyanide	544-92-3					3.9E+02			3.9E+02
				2.0E-02	I			V		1		1.0E+07	1.4E+09	5.0E+04	~Cyanide (CN-)	57-12-5					1.6E+03			1.6E+03
				4.0E-02	I			V		1		1.5E+03	1.4E+09	1.3E+03	~Cyanogen	460-19-5					3.1E+03			3.1E+03
				9.0E-02	I			V		1		1.0E+05	1.4E+09	9.7E+02	~Cyanogen Bromide	506-68-3					7.0E+03			7.0E+03
				5.0E-02	I			V		1		4.3E+03	1.4E+09	2.1E+03	~Cyanogen Chloride	506-77-4					3.9E+03			3.9E+03
				6.0E-04	I	8.0E-04	I	V		1		1.2E+05	1.4E+09	6.1E+03	~Hydrogen Cyanide	74-90-8					4.7E+01		5.1E+00	4.6E+00
				5.0E-02	I					1			1.4E+09		~Potassium Cyanide	151-50-8					3.9E+03			3.9E+03
				2.0E-01	I					0.04			1.4E+09		~Potassium Silver Cyanide	506-61-6					1.6E+04			1.6E+04
				1.0E-01	I					0.04			1.4E+09		~Silver Cyanide	506-64-9					7.8E+03			7.8E+03
				4.0E-02	I					1			1.4E+09		~Sodium Cyanide	143-33-9					3.1E+03			3.1E+03
				2.0E-04	P			V		1		4.6E+03	1.4E+09	7.1E+03	~Thiocyanate	463-56-9					1.6E+01			1.6E+01
				5.0E-02	I					1			1.4E+09		~Zinc Cyanide	557-21-1					3.9E+03			3.9E+03
						6.0E+00	I	V		1		1.2E+02	1.4E+09	1.1E+03	Cyclohexane	110-82-7							7.0E+03	7.0E+03
2.3E-02	H									1	0.1		1.4E+09		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.8E+01	8.8E+01		2.1E+01				
				5.0E+00	I					1	0.1		1.4E+09		Cyclohexanone	108-94-1					3.9E+05	1.4E+06		3.1E+05
				2.0E-01	I					1	0.1		1.4E+09		Cyclohexylamine	108-91-8					1.6E+04	5.6E+04		1.2E+04
				5.0E-03	I					1	0.1		1.4E+09		Cyhalothrin/karate	68085-85-8					3.9E+02	1.4E+03		3.1E+02
				1.0E-02	I					1	0.1		1.4E+09		Cypermethrin	52315-07-8					7.8E+02	2.8E+03		6.1E+02

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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)
				7.5E-03	I					1	0.1		1.4E+09		Cyromazine	66215-27-8					5.9E+02	2.1E+03		4.6E+02
2.4E-01	I	6.9E-05	C							1	0.1		1.4E+09		DDD	72-54-8	2.7E+00	8.4E+00	4.8E+04	2.0E+00				
3.4E-01	I	9.7E-05	C							1	0.1		1.4E+09		DDE, p,p'-	72-55-9	1.9E+00	6.0E+00	3.4E+04	1.4E+00				
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		1.4E+09		DDT	50-29-3	1.9E+00	2.0E+01	3.4E+04	1.7E+00	3.9E+01	4.7E+02		3.6E+01
				1.0E-02	I					1	0.1		1.4E+09		Dacthal	1861-32-1					7.8E+02	2.8E+03		6.1E+02
				3.0E-02	I					1	0.1		1.4E+09		Dalapon	75-99-0					2.3E+03	8.4E+03		1.8E+03
7.0E-04	I			7.0E-03	I					1	0.1		1.4E+09		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.1E+02	2.9E+03		6.9E+02	5.5E+02	2.0E+03		4.3E+02
				4.0E-05	I					1	0.1		1.4E+09		Demeton	8065-48-3					3.1E+00	1.1E+01		2.4E+00
1.2E-03	I			6.0E-01	I					1	0.1		1.4E+09		Di(2-ethylhexyl)adipate	103-23-1	5.3E+02	1.7E+03		4.0E+02	4.7E+04	1.7E+05		3.7E+04
6.1E-02	H									1	0.1		1.4E+09		Diallate	2303-16-4	1.0E+01	3.3E+01		8.0E+00				
				7.0E-04	A					1	0.1		1.4E+09		Diazinon	333-41-5					5.5E+01	2.0E+02		4.3E+01
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	1.4E+09	3.4E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	1.9E-01		5.5E-03	5.4E-03	1.6E+01		7.2E+00	4.9E+00
				1.0E-02	I					1	0.1		1.4E+09		Dibromobenzene, 1,4-	106-37-6					7.8E+02	2.8E+03		6.1E+02
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	8.0E+02	1.4E+09	8.6E+03	Dibromochloromethane	124-48-1	7.6E+00	2.4E+01	7.7E-01	6.8E-01	1.6E+03	5.6E+03		1.2E+03
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	1.4E+09	9.3E+03	Dibromoethane, 1,2-	106-93-4	3.2E-01		3.8E-02	3.4E-02	7.0E+02		8.7E+01	7.8E+01
				1.0E-02	H	4.0E-03	X	V		1		2.8E+03	1.4E+09	6.1E+03	Dibromomethane (Methylene Bromide)	74-95-3					7.8E+02		2.5E+01	2.5E+01
				1.0E-01	I					1	0.1		1.4E+09		Dibutyl Phthalate	84-74-2					7.8E+03	2.8E+04		6.1E+03
				3.0E-04	P					1	0.1		1.4E+09		Dibutyltin Compounds	NA					2.3E+01	8.4E+01		1.8E+01
				3.0E-02	I					1	0.1		1.4E+09		Dicamba	1918-00-9					2.3E+03	8.4E+03		1.8E+03
		4.2E-03	P					V		1		5.2E+02	1.4E+09	1.1E+04	Dichloro-2-butene, 1,4-	764-41-0			6.5E-03	6.5E-03				
		4.2E-03	P					V		1	0.1	5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, cis-1,4-	1476-11-5			6.9E-03	6.9E-03				
		4.2E-03	P					V		1	0.1	7.6E+02	1.4E+09	1.2E+04	Dichloro-2-butene, trans-1,4-	110-57-6			6.9E-03	6.9E-03				
5.0E-02	I			4.0E-03	I					1	0.1		1.4E+09		Dichloroacetic Acid	79-43-6	1.3E+01	4.0E+01		9.7E+00	3.1E+02	1.1E+03		2.4E+02
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	1.4E+09	1.3E+04	Dichlorobenzene, 1,2-	95-50-1					7.0E+03		2.6E+03	1.9E+03
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			1.4E+09	1.1E+04	Dichlorobenzene, 1,4-	106-46-7	1.2E+02		2.5E+00	2.4E+00	5.5E+03		9.4E+03	3.5E+03
4.5E-01	I	3.4E-04	C							1	0.1		1.4E+09		Dichlorobenzidine, 3,3'-	91-94-1	1.4E+00	4.5E+00	9.7E+03	1.1E+00				
				9.0E-03	X					1	0.1		1.4E+09		Dichlorobenzophenone, 4,4'-	90-98-2					7.0E+02	2.5E+03		5.5E+02
				2.0E-01	I	2.0E-01	H	V		1		8.5E+02	1.4E+09	9.0E+02	Dichlorodifluoromethane	75-71-8					1.6E+04		1.9E+02	1.8E+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	1.1E+02		3.4E+00	3.3E+00	1.6E+04			1.6E+04
9.1E-02	I	2.6E-05	I	2.0E-02	P	2.4E+00	A	V		1		3.0E+03	1.4E+09	4.9E+03	Dichloroethane, 1,2-	107-06-2	7.0E+00		4.6E-01	4.3E-01	1.6E+03		1.2E+04	1.4E+03
				5.0E-02	I	2.0E-01	I	V		1		1.2E+03	1.4E+09	1.2E+03	Dichloroethylene, 1,1-	75-35-4					3.9E+03		2.6E+02	2.4E+02
				9.0E-03	H			V		1		1.3E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					7.0E+02			7.0E+02
				2.0E-03	I			V		1		2.4E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-cis-	156-59-2					1.6E+02			1.6E+02
				2.0E-02	I	6.0E-02	P	V		1		1.7E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-trans-	156-60-5					1.6E+03		1.7E+02	1.5E+02
				3.0E-03	I					1	0.1		1.4E+09		Dichlorophenol, 2,4-	120-83-2					2.3E+02	8.4E+02		1.8E+02
				1.0E-02	I					1	0.05		1.4E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					7.8E+02	5.6E+03		6.9E+02
				8.0E-03	I					1	0.1		1.4E+09		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					6.3E+02	2.2E+03		4.9E+02
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	1.4E+09	3.9E+03	Dichloropropane, 1,2-	78-87-5	1.8E+01		9.4E-01	8.9E-01	7.0E+03		1.6E+01	1.6E+01
				2.0E-02	P			V		1		1.5E+03	1.4E+09	7.3E+03	Dichloropropane, 1,3-	142-28-9					1.6E+03			1.6E+03
				3.0E-03	I					1	0.1		1.4E+09		Dichloropropanol, 2,3-	616-23-9					2.3E+02	8.4E+02		1.8E+02
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	1.4E+09	3.7E+03	Dichloropropene, 1,3-	542-75-6	6.4E+00		2.2E+00	1.7E+00	2.3E+03		7.7E+01	7.4E+01
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		1.4E+09		Dichlorvos	62-73-7	2.2E+00	7.0E+00	4.0E+04	1.7E+00	3.9E+01	1.4E+02	7.1E+05	3.1E+01
				8.0E-03	P	7.0E-03	P	V		1		1.3E+02	1.4E+09	3.9E+03	Dicyclopentadiene	77-73-6					6.3E+02		2.8E+01	2.7E+01
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		1.4E+09		Dieldrin	60-57-1	4.0E-02	1.3E-01	7.2E+02	3.0E-02	3.9E+00	1.4E+01		3.1E+00
		3.0E-04	C			5.0E-03	I			1	0.1				Diesel Engine Exhaust	NA								
						3.0E-03	C			1	0.1		1.4E+09		Diethanolamine	111-42-2							4.3E+06	4.3E+06
				8.0E-01	I					1	0.1		1.4E+09		Diethyl Phthalate	84-66-2					6.3E+04	2.2E+05		4.9E+04
				3.0E-02	P	1.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monobutyl Ether	112-34-5					2.3E+03	8.4E+03	1.4E+05	1.8E+03
				6.0E-02	P	3.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monoethyl Ether	111-90-0					4.7E+03	1.7E+04	4.3E+05	3.6E+03
				1.0E-03	P					1	0.1		1.4E+09		Diethylformamide	617-84-5					7.8E+01	2.8E+02		6.1E+01
3.5E+02	C	1.0E-01	C							1	0.1		1.4E+09		Diethylstilbestrol	56-53-1	1.8E-03	5.8E-03	3.3E+01	1.4E-03				
				8.0E-02	I					1	0.1		1.4E+09		Difenzoquat	43222-48-6					6.3E+03	2.2E+04		4.9E+03
				2.0E-02	I					1	0.1		1.4E+09		Diflubenzuron	35367-38-5					1.6E+03	5.6E+03		1.2E+03
						4.0E+01	I	V		1		1.4E+03	1.4E+09	1.2E+03	Difluoroethane, 1,1-	75-37-6							5.2E+04	5.2E+04
4.4E-02	C	1.3E-05	C							1	0.1		1.4E+09		Dihydrosafrole	94-58-6	1.5E+01	4.6E+01	2.5E+05	1.1E+01				
						4.0E-01	P	V		1		2.3E+03	1.4E+09	3.3E+03	Diisopropyl Ether	108-20-3							1.4E+03	1.4E+03
				8.0E-02	I			V		1		5.3E+02	1.4E+09	3.1E+04	Diisopropyl Methylphosphonate	1445-75-6					6.3E+03			6.3E+03
				2.0E-02	I					1	0.1		1.4E+09		Dimethipin	55290-64-7					1.6E+03	5.6E+03		1.2E+03
				2.0E-04	I					1	0.1		1.4E+09		Dimethoate	60-51-5					1.6E+01	5.6E+01		1.2E+01
1.4E-02	H									1	0.1		1.4E+09		Dimethoxybenzidine, 3,3'-	119-90-4	4.6E+01	1.4E+02		3.5E+01				

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
1.7E-03	P			6.0E-02	P					1	0.1		1.4E+09		Dimethyl methylphosphonate	756-79-6	3.8E+02	1.2E+03		2.9E+02	4.7E+03	1.7E+04		3.7E+03
4.6E+00	C	1.3E-03	C							1	0.1		1.4E+09		Dimethylamino azobenzene [p-]	60-11-7	1.4E-01	4.4E-01	2.5E+03	1.1E-01				
5.8E-01	H									1	0.1		1.4E+09		Dimethylaniline HCl, 2,4-	21436-96-4	1.1E+00	3.5E+00		8.4E-01				
7.5E-01	H									1	0.1		1.4E+09		Dimethylaniline, 2,4-	95-68-1	8.5E-01	2.7E+00		6.5E-01				
				2.0E-03	I			V		1		8.3E+02	1.4E+09	3.4E+04	Dimethylaniline, N,N-	121-69-7					1.6E+02			1.6E+02
1.1E+01	P									1	0.1		1.4E+09		Dimethylbenzidine, 3,3'-	119-93-7	5.8E-02	1.8E-01		4.4E-02				
				1.0E-01	P	3.0E-02	I			1	0.1		1.4E+09		Dimethylformamide	68-12-2					7.8E+03	2.8E+04	4.3E+07	6.1E+03
				1.0E-04	X	2.0E-06	X			1	0.1		1.4E+09		Dimethylhydrazine, 1,1-	57-14-7					7.8E+00	2.8E+01	2.8E+03	6.1E+00
5.5E+02	C	1.6E-01	C							1	0.1		1.4E+09		Dimethylhydrazine, 1,2-	540-73-8	1.2E-03	3.7E-03	2.1E+01	8.8E-04				
				2.0E-02	I					1	0.1		1.4E+09		Dimethylphenol, 2,4-	105-67-9					1.6E+03	5.6E+03		1.2E+03
				6.0E-04	I					1	0.1		1.4E+09		Dimethylphenol, 2,6-	576-26-1					4.7E+01	1.7E+02		3.7E+01
				1.0E-03	I					1	0.1		1.4E+09		Dimethylphenol, 3,4-	95-65-8					7.8E+01	2.8E+02		6.1E+01
				1.0E-01	I			V		1		5.5E+00	1.4E+09	2.3E+04	Dimethylterephthalate	120-61-6					7.8E+03			7.8E+03
4.5E-02	C	1.3E-05	C							1	0.1		1.4E+09		Dimethylvinylchloride	513-37-1	1.4E+01	4.5E+01	2.5E+05	1.1E+01				
				8.0E-05	X					1	0.1		1.4E+09		Dinitro-o-cresol, 4,6-	534-52-1					6.3E+00	2.2E+01		4.9E+00
				2.0E-03	I					1	0.1		1.4E+09		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					1.6E+02	5.6E+02		1.2E+02
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,2-	528-29-0					7.8E+00	2.8E+01		6.1E+00
				1.0E-04	I					1	0.1		1.4E+09		Dinitrobenzene, 1,3-	99-65-0					7.8E+00	2.8E+01		6.1E+00
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,4-	100-25-4					7.8E+00	2.8E+01		6.1E+00
				2.0E-03	I					1	0.1		1.4E+09		Dinitrophenol, 2,4-	51-28-5					1.6E+02	5.6E+02		1.2E+02
6.8E-01	I									1	0.1		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	9.4E-01	3.0E+00		7.1E-01				
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	2.1E+00	6.4E+00	3.7E+04	1.6E+00	1.6E+02	5.5E+02		1.2E+02
				1.0E-03	P					1	0.099		1.4E+09		Dinitrotoluene, 2,6-	606-20-2					7.8E+01	2.8E+02		6.1E+01
				2.0E-03	S					1	0.006		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					1.6E+02	9.3E+03		1.5E+02
				2.0E-03	S					1	0.009		1.4E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					1.6E+02	6.2E+03		1.5E+02
				1.0E-03	I					1	0.1		1.4E+09		Dinoseb	88-85-7					7.8E+01	2.8E+02		6.1E+01
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.6E+00	A			1	0.1		1.4E+09		Dioxane, 1,4-	123-91-1	6.4E+00	2.0E+01	4.3E+05	4.9E+00	2.3E+03	8.4E+03	5.1E+09	1.8E+03
															Dioxins									
6.2E+03	I	1.3E+00	I							1	0.03		1.4E+09		~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.0E-04	1.1E-03	2.5E+00	9.4E-05				
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03		1.4E+09		~TCDD, 2,3,7,8-	1746-01-6	4.9E-06	5.2E-05	8.7E-02	4.5E-06	7.8E-05	9.3E-04	5.7E+01	7.2E-05
				3.0E-02	I					1	0.1		1.4E+09		Diphenamid	957-51-7					2.3E+03	8.4E+03		1.8E+03
				8.0E-04	X					1	0.1		1.4E+09		Diphenyl Sulfone	127-63-9					6.3E+01	2.2E+02		4.9E+01
				2.5E-02	I					1	0.1		1.4E+09		Diphenylamine	122-39-4					2.0E+03	7.0E+03		1.5E+03
8.0E-01	I	2.2E-04	I							1	0.1		1.4E+09		Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	2.5E+00	1.5E+04	6.1E-01				
				2.2E-03	I					1	0.1		1.4E+09		Diquat	85-00-7					1.7E+02	6.1E+02		1.3E+02
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Black 38	1937-37-7	8.6E-02	2.7E-01	1.6E+03	6.6E-02				
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Blue 6	2602-46-2	8.6E-02	2.7E-01	1.6E+03	6.6E-02				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Direct Brown 95	16071-86-6	9.5E-02	3.0E-01	1.7E+03	7.2E-02				
				4.0E-05	I					1	0.1		1.4E+09		Disulfoton	298-04-4					3.1E+00	1.1E+01		2.4E+00
				1.0E-02	I					1	0.1		1.4E+09		Dithiane, 1,4-	505-29-3					7.8E+02	2.8E+03		6.1E+02
				2.0E-03	I					1	0.1		1.4E+09		Diuron	330-54-1					1.6E+02	5.6E+02		1.2E+02
				4.0E-03	I					1	0.1		1.4E+09		Dodine	2439-10-3					3.1E+02	1.1E+03		2.4E+02
				2.5E-02	I			V		1		4.1E+02	1.4E+09	1.3E+05	EPTC	759-94-4					2.0E+03			2.0E+03
				6.0E-03	I					1	0.1		1.4E+09		Endosulfan	115-29-7					4.7E+02	1.7E+03		3.7E+02
				2.0E-02	I					1	0.1		1.4E+09		Endothall	145-73-3					1.6E+03	5.6E+03		1.2E+03
				3.0E-04	I					1	0.1		1.4E+09		Endrin	72-20-8					2.3E+01	8.4E+01		1.8E+01
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	1.4E+09	2.0E+04	Epichlorohydrin	106-89-8	6.5E+01		4.1E+01	2.5E+01	4.7E+02		2.1E+01	2.0E+01
						2.0E-02	I	V		1		1.5E+04	1.4E+09	8.2E+03	Epoxybutane, 1,2-	106-88-7							1.7E+02	1.7E+02
				5.0E-03	I					1	0.1		1.4E+09		Ethephon	16672-87-0					3.9E+02	1.4E+03		3.1E+02
				5.0E-04	I					1	0.1		1.4E+09		Ethion	563-12-2					3.9E+01	1.4E+02		3.1E+01
				3.0E-01	H	3.0E-01	C			1	0.1		1.4E+09		Ethoxyethanol Acetate, 2-	111-15-9					2.3E+04	8.4E+04	4.3E+08	1.8E+04
				4.0E-01	H	2.0E-01	I			1	0.1		1.4E+09		Ethoxyethanol, 2-	110-80-5					3.1E+04	1.1E+05	2.8E+08	2.4E+04
				9.0E-01	I			V		1		1.1E+04	1.4E+09	9.3E+03	Ethyl Acetate	141-78-6					7.0E+04			7.0E+04
4.8E-02	H							V		1		2.5E+03	1.4E+09	6.8E+03	Ethyl Acrylate	140-88-5	1.3E+01			1.3E+01				
						1.0E+01	I	V		1		2.1E+03	1.4E+09	1.4E+03	Ethyl Chloride	75-00-3							1.5E+04	1.5E+04
				2.0E-01	I			V		1		1.0E+04	1.4E+09	3.4E+03	Ethyl Ether	60-29-7					1.6E+04			1.6E+04
				9.0E-02	H			V		1		1.1E+03	1.4E+09	6.2E+03	Ethyl Methacrylate	97-63-2					7.0E+03			7.0E+03
				1.0E-05	I					1	0.1		1.4E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					7.8E-01	2.8E+00		6.1E-01
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	1.4E+09	6.1E+03	Ethylbenzene	100-41-4	5.8E+01		5.9E+00	5.4E+00	7.8E+03		6.4E+03	3.5E+03
				3.0E-02	P					1	0.1		1.4E+09		Ethylene Cyanohydrin	109-78-4					2.3E+03	8.4E+03		1.8E+03

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				9.0E-02	P					1	0.1		1.4E+09		Ethylene Diamine	107-15-3					7.0E+03	2.5E+04		5.5E+03
				2.0E+00	I	4.0E-01	C			1	0.1		1.4E+09		Ethylene Glycol	107-21-1					1.6E+05	5.6E+05	5.7E+08	1.2E+05
				1.0E-01	I	1.6E+00	I			1	0.1		1.4E+09		Ethylene Glycol Monobutyl Ether	111-76-2					7.8E+03	2.8E+04	2.3E+09	6.1E+03
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	1.4E+09	6.6E+03	Ethylene Oxide	75-21-8	2.1E+00		1.8E-01	1.7E-01			2.0E+02	2.0E+02
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		1.4E+09		Ethylene Thiourea	96-45-7	1.4E+01	4.5E+01	2.5E+05	1.1E+01	6.3E+00	2.2E+01		4.9E+00
6.5E+01	C	1.9E-02	C							1	0.1		1.4E+09		Ethyleneimine	151-56-4	9.8E-03	3.1E-02	1.7E+02	7.5E-03				
				3.0E+00	I					1	0.1		1.4E+09		Ethylphthalyl Ethyl Glycolate	84-72-0					2.3E+05	8.4E+05		1.8E+05
				8.0E-03	I					1	0.1		1.4E+09		Express	101200-48-0					6.3E+02	2.2E+03		4.9E+02
				2.5E-04	I					1	0.1		1.4E+09		Fenamiphos	22224-92-6					2.0E+01	7.0E+01		1.5E+01
				2.5E-02	I					1	0.1		1.4E+09		Fenpropathrin	39515-41-8					2.0E+03	7.0E+03		1.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Fluometuron	2164-17-2					1.0E+03	3.6E+03		7.9E+02
				4.0E-02	C	1.3E-02	C			1			1.4E+09		Fluoride	16984-48-8					3.1E+03		1.8E+07	3.1E+03
				6.0E-02	I	1.3E-02	C			1			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4					4.7E+03		1.8E+07	4.7E+03
				8.0E-02	I					1	0.1		1.4E+09		Fluridone	59756-60-4					6.3E+03	2.2E+04		4.9E+03
				2.0E-02	I					1	0.1		1.4E+09		Flurprimidol	56425-91-3					1.6E+03	5.6E+03		1.2E+03
				6.0E-02	I					1	0.1		1.4E+09		Flutolanil	66332-96-5					4.7E+03	1.7E+04		3.7E+03
				1.0E-02	I					1	0.1		1.4E+09		Fluvalinate	69409-94-5					7.8E+02	2.8E+03		6.1E+02
3.5E-03	I			1.0E-01	I					1	0.1		1.4E+09		Folpet	133-07-3	1.8E+02	5.8E+02		1.4E+02	7.8E+03	2.8E+04		6.1E+03
1.9E-01	I									1	0.1		1.4E+09		Fomesafen	72178-02-0	3.4E+00	1.1E+01		2.6E+00				
				2.0E-03	I					1	0.1		1.4E+09		Fonofos	944-22-9					1.6E+02	5.6E+02		1.2E+02
		1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1		1.4E+09		Formaldehyde	50-00-0			2.5E+05	2.5E+05	1.6E+04	5.6E+04	1.4E+07	1.2E+04
				2.0E+00	H	3.0E-03	P			1	0.1		1.4E+09		Formic Acid	64-18-6					1.6E+05	5.6E+05	4.3E+06	1.2E+05
				3.0E+00	I					1	0.1		1.4E+09		Fosetyl-AL	39148-24-8					2.3E+05	8.4E+05		1.8E+05
															Furans									
				1.0E-03	X			V		1		1.7E+02	1.4E+09	2.1E+05	~Dibenzofuran	132-64-9					7.8E+01			7.8E+01
				1.0E-03	I			V		1		6.2E+03	1.4E+09	2.8E+03	~Furan	110-00-9					7.8E+01			7.8E+01
3.8E+00	H									1	0.1		1.4E+09		Furazolidone	67-45-8	1.7E-01	5.3E-01		1.3E-01				
				3.0E-03	I	5.0E-02	H			1	0.1		1.4E+09		Furfural	98-01-1					2.3E+02	8.4E+02	7.1E+07	1.8E+02
1.5E+00	C	4.3E-04	C							1	0.1		1.4E+09		Furium	531-82-8	4.3E-01	1.3E+00	7.7E+03	3.2E-01				
3.0E-02	I	8.6E-06	C							1	0.1		1.4E+09		Furmecyclox	60568-05-0	2.1E+01	6.7E+01	3.8E+05	1.6E+01				
				4.0E-04	I					1	0.1		1.4E+09		Glufosinate, Ammonium	77182-82-2					3.1E+01	1.1E+02		2.4E+01
						8.0E-05	C			1	0.1		1.4E+09		Glutaraldehyde	111-30-8							1.1E+05	1.1E+05
				4.0E-04	I	1.0E-03	H			1	0.1		1.4E+09		Glycidyl	765-34-4					3.1E+01	1.1E+02	1.4E+06	2.4E+01
				1.0E-01	I					1	0.1		1.4E+09		Glyphosate	1071-83-6					7.8E+03	2.8E+04		6.1E+03
				3.0E-03	I					1	0.1		1.4E+09		Goal	42874-03-3					2.3E+02	8.4E+02		1.8E+02
				3.0E-03	A	1.0E-02	A			1	0.1		1.4E+09		Guthion	86-50-0					2.3E+02	8.4E+02	1.4E+07	1.8E+02
				5.0E-05	I					1	0.1		1.4E+09		Haloxyfop, Methyl	69806-40-2					3.9E+00	1.4E+01		3.1E+00
				1.3E-02	I					1	0.1		1.4E+09		Harmony	79277-27-3					1.0E+03	3.6E+03		7.9E+02
4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1		1.4E+09		Heptachlor	76-44-8	1.4E-01	4.5E-01	2.5E+03	1.1E-01	3.9E+01	1.4E+02		3.1E+01
9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1		1.4E+09		Heptachlor Epoxide	1024-57-3	7.0E-02	2.2E-01	1.3E+03	5.3E-02	1.0E+00	3.6E+00		7.9E-01
				2.0E-03	I					1	0.1		1.4E+09		Hexabromobenzene	87-82-1					1.6E+02	5.6E+02		1.2E+02
				2.0E-04	I					1	0.1		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					1.6E+01	5.6E+01		1.2E+01
1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1		1.4E+09		Hexachlorobenzene	118-74-1	4.0E-01	1.3E+00	7.2E+03	3.0E-01	6.3E+01	2.2E+02		4.9E+01
7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1		1.4E+09		Hexachlorobutadiene	87-68-3	8.2E+00	2.6E+01	1.5E+05	6.2E+00	7.8E+01	2.8E+02		6.1E+01
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	1.0E-01	3.2E-01	1.8E+03	7.7E-02	6.3E+02	2.2E+03		4.9E+02
1.8E+00	I	5.3E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	3.5E-01	1.1E+00	6.2E+03	2.7E-01				
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	5.8E-01	4.6E+00	1.1E+04	5.2E-01	2.3E+01	2.1E+02		2.1E+01
1.8E+00	I	5.1E-04	I							1	0.1		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	3.5E-01	1.1E+00	6.5E+03	2.7E-01				
				6.0E-03	I	2.0E-04	I			1	0.1		1.4E+09		Hexachlorocyclopentadiene	77-47-4					4.7E+02	1.7E+03	2.8E+05	3.7E+02
1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1		1.4E+09		Hexachloroethane	67-72-1	4.6E+01	1.4E+02	8.3E+05	3.5E+01	7.8E+01	2.8E+02		6.1E+01
				3.0E-04	I					1	0.1		1.4E+09		Hexachlorophene	70-30-4					2.3E+01	8.4E+01		1.8E+01
1.1E-01	I			3.0E-03	I					1	0.015		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	5.8E+00	1.2E+02		5.5E+00	2.3E+02	5.6E+03		2.3E+02
						1.0E-05	I	V		1		5.2E+03	1.4E+09	3.2E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							3.4E+00	3.4E+00
				6.0E-02	H	7.0E-01	I	V		1		1.4E+02	1.4E+09	8.9E+02	Hexane, N-	110-54-3					4.7E+03		6.5E+02	5.7E+02
				2.0E+00	P					1	0.1		1.4E+09		Hexanedioic Acid	124-04-9					1.6E+05	5.6E+05		1.2E+05
				5.0E-03	I	3.0E-02	I	V		1		3.3E+03	1.4E+09	1.4E+04	Hexanone, 2-	591-78-6					3.9E+02		4.5E+02	2.1E+02
				3.3E-02	I					1	0.1		1.4E+09		Hexazinone	51235-04-2					2.6E+03	9.2E+03		2.0E+03
3.0E+00	I	4.9E-03	I			3.0E-05	P			1			1.4E+09		Hydrazine	302-01-2	2.1E-01		6.8E+02	2.1E-01			4.3E+04	4.3E+04
3.0E+00	I	4.9E-03	I							1			1.4E+09		Hydrazine Sulfate	10034-93-2	2.1E-01		6.8E+02	2.1E-01				
						2.0E-02	I			1			1.4E+09		Hydrogen Chloride	7647-01-0							2.8E+07	2.8E+07

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; 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)
				4.0E-02	C	1.4E-02	C			1			1.4E+09		Hydrogen Fluoride	7664-39-3					3.1E+03		2.0E+07	3.1E+03
						2.0E-03	I			1			1.4E+09		Hydrogen Sulfide	7783-06-4							2.8E+06	2.8E+06
6.0E-02	P			4.0E-02	P					1	0.1		1.4E+09		Hydroquinone	123-31-9	1.1E+01	3.4E+01		8.1E+00	3.1E+03	1.1E+04		2.4E+03
				1.3E-02	I					1	0.1		1.4E+09		Imazalil	35554-44-0					1.0E+03	3.6E+03		7.9E+02
				2.5E-01	I					1	0.1		1.4E+09		Imazaquin	81335-37-7					2.0E+04	7.0E+04		1.5E+04
				1.0E-02	A					1			1.4E+09		Iodine	7553-56-2					7.8E+02			7.8E+02
				4.0E-02	I					1	0.1		1.4E+09		Iprodione	36734-19-7					3.1E+03	1.1E+04		2.4E+03
				7.0E-01	P					1			1.4E+09		Iron	7439-89-6					5.5E+04			5.5E+04
				3.0E-01	I			V		1		1.0E+04	1.4E+09	3.0E+04	Isobutyl Alcohol	78-83-1					2.3E+04			2.3E+04
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		1.4E+09		Isophorone	78-59-1	6.7E+02	2.1E+03		5.1E+02	1.6E+04	5.6E+04	2.8E+09	1.2E+04
				1.5E-02	I					1	0.1		1.4E+09		Isopropalin	33820-53-0					1.2E+03	4.2E+03		9.2E+02
						7.0E+00	C			1	0.1		1.4E+09		Isopropanol	67-63-0							9.9E+09	9.9E+09
				1.0E-01	I					1	0.1		1.4E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+03	2.8E+04		6.1E+03
				5.0E-02	I					1	0.1		1.4E+09		Isoxaben	82558-50-7					3.9E+03	1.4E+04		3.1E+03
						3.0E-01	A	V		1			1.4E+09		JP-7	NA							4.3E+08	4.3E+08
				7.5E-02	I					1	0.1		1.4E+09		Kerb	23950-58-5					5.9E+03	2.1E+04		4.6E+03
				2.0E-03	I					1	0.1		1.4E+09		Lactofen	77501-63-4					1.6E+02	5.6E+02		1.2E+02
															Lead Compounds									
2.8E-01	C	8.0E-05	C							1	0.1		1.4E+09		~Lead acetate	301-04-2	2.3E+00	7.2E+00	4.1E+04	1.7E+00				
										1			1.4E+09		~Lead and Compounds	7439-92-1								4.0E+02
3.8E-02	C	1.1E-05	C							1	0.1		1.4E+09		~Lead subacetate	1335-32-6	1.7E+01	5.3E+01	3.0E+05	1.3E+01				
				1.0E-07	I					1	0.1		1.4E+09		~Tetraethyl Lead	78-00-2					7.8E-03	2.8E-02		6.1E-03
				2.0E-03	I					1	0.1		1.4E+09		Linuron	330-55-2					1.6E+02	5.6E+02		1.2E+02
				2.0E-03	P					1			1.4E+09		Lithium	7439-93-2					1.6E+02			1.6E+02
				7.0E-04	I					1			1.4E+09		Lithium Perchlorate	7791-03-9					5.5E+01			5.5E+01
				2.0E-01	I					1	0.1		1.4E+09		Londax	83055-99-6					1.6E+04	5.6E+04		1.2E+04
				5.0E-04	I					1	0.1		1.4E+09		MCPA	94-74-6					3.9E+01	1.4E+02		3.1E+01
				1.0E-02	I					1	0.1		1.4E+09		MCPB	94-81-5					7.8E+02	2.8E+03		6.1E+02
				1.0E-03	I					1	0.1		1.4E+09		MCPP	93-65-2					7.8E+01	2.8E+02		6.1E+01
				2.0E-02	I					1	0.1		1.4E+09		Malathion	121-75-5					1.6E+03	5.6E+03		1.2E+03
				1.0E-01	I	7.0E-04	C			1	0.1		1.4E+09		Maleic Anhydride	108-31-6					7.8E+03	2.8E+04	9.9E+05	6.1E+03
				5.0E-01	I					1	0.1		1.4E+09		Maleic Hydrazide	123-33-1					3.9E+04	1.4E+05		3.1E+04
				1.0E-04	P					1	0.1		1.4E+09		Malononitrile	109-77-3					7.8E+00	2.8E+01		6.1E+00
				3.0E-02	H					1	0.1		1.4E+09		Mancozeb	8018-01-7					2.3E+03	8.4E+03		1.8E+03
				5.0E-03	I					1	0.1		1.4E+09		Maneb	12427-38-2					3.9E+02	1.4E+03		3.1E+02
				1.4E-01	I	5.0E-05	I			1					Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I			0.04			1.4E+09		Manganese (Non-diet)	7439-96-5					1.9E+03		7.1E+04	1.8E+03
				9.0E-05	H					1	0.1		1.4E+09		Mephosfolan	950-10-7					7.0E+00	2.5E+01		5.5E+00
				3.0E-02	I					1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					2.3E+03	8.4E+03		1.8E+03
															Mercury Compounds									
				3.0E-04	I	3.0E-05	C			0.07			1.4E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+01		4.3E+04	2.3E+01
				1.6E-04	C	3.0E-04	I	V		1		3.1E+00	1.4E+09	3.2E+04	~Mercury (elemental)	7439-97-6					1.3E+01		1.0E+01	5.6E+00
				1.0E-04	I					1			1.4E+09		~Methyl Mercury	22967-92-6					7.8E+00			7.8E+00
				8.0E-05	I					1	0.1		1.4E+09		~Phenylmercuric Acetate	62-38-4					6.3E+00	2.2E+01		4.9E+00
				3.0E-05	I					1	0.1		1.4E+09		Merphos	150-50-5					2.3E+00	8.4E+00		1.8E+00
				3.0E-05	I					1	0.1		1.4E+09		Merphos Oxide	78-48-8					2.3E+00	8.4E+00		1.8E+00
				6.0E-02	I					1	0.1		1.4E+09		Metalaxyl	57837-19-1					4.7E+03	1.7E+04		3.7E+03
				1.0E-04	I	7.0E-04	H	V		1		4.6E+03	1.4E+09	7.3E+03	Methacrylonitrile	126-98-7					7.8E+00		5.3E+00	3.2E+00
				5.0E-05	I					1	0.1		1.4E+09		Methamidophos	10265-92-6					3.9E+00	1.4E+01		3.1E+00
				5.0E-01	I	4.0E+00	C			1	0.1		1.4E+09		Methanol	67-56-1					3.9E+04	1.4E+05	5.7E+09	3.1E+04
				1.0E-03	I					1	0.1		1.4E+09		Methidathion	950-37-8					7.8E+01	2.8E+02		6.1E+01
				2.5E-02	I					1	0.1		1.4E+09		Methomyl	16752-77-5					2.0E+03	7.0E+03		1.5E+03
4.9E-02	C	1.4E-05	C							1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	1.3E+01	4.1E+01	2.4E+05	9.9E+00				
				5.0E-03	I					1	0.1		1.4E+09		Methoxychlor	72-43-5					3.9E+02	1.4E+03		3.1E+02
				2.0E-03	H	9.0E-02	C			1	0.1		1.4E+09		Methoxyethanol Acetate, 2-	110-49-6					1.6E+02	5.6E+02	1.3E+08	1.2E+02
				3.0E-03	P	2.0E-02	I			1	0.1		1.4E+09		Methoxyethanol, 2-	109-86-4					2.3E+02	8.4E+02	2.8E+07	1.8E+02
				1.0E+00	H			V		1		2.9E+04	1.4E+09	8.7E+03	Methyl Acetate	79-20-9					7.8E+04			7.8E+04
				3.0E-02	H			V		1		6.8E+03	1.4E+09	7.5E+03	Methyl Acrylate	96-33-3					2.3E+03			2.3E+03
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	1.4E+09	1.3E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+04		6.8E+04	2.8E+04
				8.0E-02	H	3.0E+00	I	V		1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					6.3E+03		3.6E+04	5.3E+03

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
						1.0E-03	C			1	0.1		1.4E+09		Methyl Isocyanate	624-83-9							1.4E+06	1.4E+06
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	1.4E+09	6.8E+03	Methyl Methacrylate	80-62-6					1.1E+05		5.0E+03	4.8E+03
				2.5E-04	I					1	0.1		1.4E+09		Methyl Parathion	298-00-0					2.0E+01	7.0E+01		1.5E+01
				6.0E-02	X					1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					4.7E+03	1.7E+04		3.7E+03
				6.0E-03	H	4.0E-02	H	V		1		3.8E+02	1.4E+09	1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					4.7E+02		5.1E+02	2.5E+02
9.9E-02	C	2.8E-05	C							1	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	6.5E+00	2.0E+01	1.2E+05	4.9E+00				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	1.4E+09	5.3E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.5E+02		4.9E+01	4.3E+01			1.7E+04	1.7E+04
3.3E-02	H									1	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	1.9E+01	6.1E+01		1.5E+01				
8.3E+00	C	2.4E-03	C							1	0.1		1.4E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	7.7E-02	2.4E-01	1.4E+03	5.8E-02				
1.3E-01	C	3.7E-05	C							1	0.1		1.4E+09		Methylaniline Hydrochloride, 2-	636-21-5	4.9E+00	1.6E+01	8.9E+04	3.7E+00				
				1.0E-02	A					1	0.1		1.4E+09		Methylarsonic acid	124-58-3					7.8E+02	2.8E+03		6.1E+02
2.2E+01	C	6.3E-03	C							1	0.1		1.4E+09		Methylcholanthrene, 3-	56-49-5	2.9E-02	9.2E-02	5.3E+02	2.2E-02				
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		1		3.3E+03	1.4E+09	2.4E+03	Methylene Chloride	75-09-2	8.5E+01		1.2E+01	1.1E+01	4.7E+03		2.6E+03	1.7E+03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		1.4E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.5E+00	5.1E+00	3.0E+03	1.2E+00	1.6E+02	5.6E+02		1.2E+02
4.6E-02	I	1.3E-05	C							1	0.1		1.4E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.4E+01	4.4E+01	2.5E+05	1.1E+01				
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		1.4E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	4.0E-01	1.3E+00	7.2E+03	3.0E-01			2.8E+07	2.8E+07
						6.0E-04	I			1	0.1		1.4E+09		Methylenediphenyl Diisocyanate	101-68-8							8.5E+05	8.5E+05
				7.0E-02	H			V		1		5.0E+02	1.4E+09	1.4E+04	Methylstyrene, Alpha-	98-83-9					5.5E+03			5.5E+03
				1.5E-01	I					1	0.1		1.4E+09		Metolachlor	51218-45-2					1.2E+04	4.2E+04		9.2E+03
				2.5E-02	I					1	0.1		1.4E+09		Metribuzin	21087-64-9					2.0E+03	7.0E+03		1.5E+03
		4.5E-06	X	1.0E-02	X	1.0E-01	P	V					1.4E+09		Midrange Aliphatic Hydrocarbon Streams	NA			7.4E+05	7.4E+05	7.8E+02		1.4E+08	7.8E+02
				3.0E+00	P					1	0.1		1.4E+09		Mineral oils	8012-95-1					2.3E+05	8.4E+05		1.8E+05
1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1		1.4E+09		Mirex	2385-85-5	3.5E-02	1.1E-01	6.5E+02	2.7E-02	1.6E+01	5.6E+01		1.2E+01
				2.0E-03	I					1	0.1		1.4E+09		Molinate	2212-67-1					1.6E+02	5.6E+02		1.2E+02
				5.0E-03	I					1			1.4E+09		Molybdenum	7439-98-7					3.9E+02			3.9E+02
				1.0E-01	I					1			1.4E+09		Monochloramine	10599-90-3					7.8E+03			7.8E+03
				2.0E-03	P					1	0.1		1.4E+09		Monomethylaniline	100-61-8					1.6E+02	5.6E+02		1.2E+02
				3.0E-04	X					1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+01	8.4E+01		1.8E+01
				2.0E-03	I					1	0.1		1.4E+09		Naled	300-76-5					1.6E+02	5.6E+02		1.2E+02
				3.0E-02	X	1.0E-01	P	V		1			1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					2.3E+03		1.4E+08	2.3E+03
1.8E+00	C	0.0E+00	C							1	0.1		1.4E+09		Naphthylamine, 2-	91-59-8	3.5E-01	1.1E+00		2.7E-01				
				1.0E-01	I					1	0.1		1.4E+09		Napropamide	15299-99-7					7.8E+03	2.8E+04		6.1E+03
				5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Carbonyl	13463-39-3					3.9E+03		7.1E+04	3.7E+03
				5.0E-02	C	1.0E-04	C			1			1.4E+09		Nickel Oxide	1313-99-1					3.9E+03		1.4E+05	3.8E+03
		2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Refinery Dust	NA			1.4E+04	1.4E+04	3.9E+03		7.1E+04	3.7E+03
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			1.4E+09		Nickel Soluble Salts	7440-02-0			1.3E+04	1.3E+04	1.6E+03		1.3E+05	1.5E+03
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			1.4E+09		Nickel Subsulfide	12035-72-2	3.8E-01		6.9E+03	3.8E-01	3.9E+03		7.1E+04	3.7E+03
				1.6E+00	I					1			1.4E+09		Nitrate	14797-55-8					1.3E+05			1.3E+05
				1.0E-01	I					1			1.4E+09		Nitrite	14797-65-0					7.8E+03			7.8E+03
				1.0E-02	X	5.0E-05	X			1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4					7.8E+02	2.8E+03	7.1E+04	6.1E+02
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6	3.2E+01	1.0E+02		2.4E+01	3.1E+02	1.1E+03	8.5E+06	2.4E+02
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	1.4E+09	7.9E+04	Nitrobenzene	98-95-3			4.8E+00	4.8E+00	1.6E+02		7.4E+02	1.3E+02
				3.0E+03	P					1	0.1		1.4E+09		Nitrocellulose	9004-70-0					2.3E+08	8.4E+08		1.8E+08
				7.0E-02	H					1	0.1		1.4E+09		Nitrofurantoin	67-20-9					5.5E+03	2.0E+04		4.3E+03
1.3E+00	C	3.7E-04	C							1	0.1		1.4E+09		Nitrofurazone	59-87-0	4.9E-01	1.6E+00	8.9E+03	3.7E-01				
1.7E-02	P			1.0E-04	P					1	0.1		1.4E+09		Nitroglycerin	55-63-0	3.8E+01	1.2E+02		2.9E+01	7.8E+00	2.8E+01		6.1E+00
				1.0E-01	I					1	0.1		1.4E+09		Nitroguanidine	556-88-7					7.8E+03	2.8E+04		6.1E+03
		9.0E-06	P			2.0E-02	P	V		1		1.8E+04	1.4E+09	1.8E+04	Nitromethane	75-52-5			4.9E+00	4.9E+00			3.8E+02	3.8E+02
		2.7E-03	H			2.0E-02	I	V		1		4.9E+03	1.4E+09	1.4E+04	Nitropropane, 2-	79-46-9			1.3E-02	1.3E-02			2.9E+02	2.9E+02
2.7E+01	C	7.7E-03	C							1	0.1		1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	2.4E-02	7.5E-02	4.3E+02	1.8E-02				
1.2E+02	C	3.4E-02	C							1	0.1		1.4E+09		Nitroso-N-methylurea, N-	684-93-5	5.3E-03	1.7E-02	9.7E+01	4.0E-03				
5.4E+00	I	1.6E-03	I					V		1		7.1E+03	1.4E+09	2.1E+05	Nitroso-di-N-butylamine, N-	924-16-3	1.2E-01		3.2E-01	8.7E-02				
7.0E+00	I	2.0E-03	C							1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	9.1E-02	2.9E-01	1.7E+03	6.9E-02				
2.8E+00	I	8.0E-04	C							1	0.1		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	2.3E-01	7.2E-01	4.1E+03	1.7E-01				
1.5E+02	I	4.3E-02	I						M	1	0.1		1.4E+09		Nitrosodiethylamine, N-	55-18-5	9.9E-04	3.4E-03	3.0E+01	7.7E-04				
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	1	0.1		1.4E+09		Nitrosodimethylamine, N-	62-75-9	2.9E-03	9.9E-03	9.3E+01	2.3E-03	6.3E-01	2.2E+00	5.7E+04	4.9E-01
4.9E-03	I	2.6E-06	C							1	0.1		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	1.3E+02	4.1E+02	1.3E+06	9.9E+01				
2.2E+01	I	6.3E-03	C							1	0.1		1.4E+09		Nitrosomethylethylamine, N-	10595-95-6	2.9E-02	9.2E-02	5.3E+02	2.2E-02				
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	9.5E-02	3.0E-01	1.7E+03	7.2E-02				
9.4E+00	C	2.7E-03	C							1	0.1		1.4E+09		Nitrosopiperidine [N-]	100-75-4	6.8E-02	2.2E-01	1.2E+03	5.2E-02				

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
2.1E+00	I	6.1E-04	I							1	0.1		1.4E+09		Nitrosopyrrolidine, N-	930-55-2	3.0E-01	9.6E-01	5.4E+03	2.3E-01				
				1.0E-04	X					1	0.1		1.4E+09		Nitrotoluene, m-	99-08-1					7.8E+00	2.8E+01		6.1E+00
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	1.4E+09	1.5E+05	Nitrotoluene, o-	88-72-2	2.9E+00			2.9E+00	7.0E+01			7.0E+01
1.6E-02	P			4.0E-03	P					1	0.1		1.4E+09		Nitrotoluene, p-	99-99-0	4.0E+01	1.3E+02		3.0E+01	3.1E+02	1.1E+03		2.4E+02
				3.0E-04	X	2.0E-01	P	V		1		6.9E+00	1.4E+09	1.1E+03	Nonane, n-	111-84-2					2.3E+01		2.3E+02	2.1E+01
				4.0E-02	I					1	0.1		1.4E+09		Norflurazon	27314-13-2					3.1E+03	1.1E+04		2.4E+03
				7.0E-04	I					1	0.1		1.4E+09		Nustar	85509-19-9					5.5E+01	2.0E+02		4.3E+01
				3.0E-03	I					1	0.1		1.4E+09		Octabromodiphenyl Ether	32536-52-0					2.3E+02	8.4E+02		1.8E+02
				5.0E-02	I					1	0.006		1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					3.9E+03	2.3E+05		3.8E+03
				2.0E-03	H					1	0.1		1.4E+09		Octamethylpyrophosphoramide	152-16-9					1.6E+02	5.6E+02		1.2E+02
				5.0E-02	I					1	0.1		1.4E+09		Oryzalin	19044-88-3					3.9E+03	1.4E+04		3.1E+03
				5.0E-03	I					1	0.1		1.4E+09		Oxadiazon	19666-30-9					3.9E+02	1.4E+03		3.1E+02
				2.5E-02	I					1	0.1		1.4E+09		Oxamyl	23135-22-0					2.0E+03	7.0E+03		1.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Paclobutrazol	76738-62-0					1.0E+03	3.6E+03		7.9E+02
				4.5E-03	I					1	0.1		1.4E+09		Paraquat Dichloride	1910-42-5					3.5E+02	1.3E+03		2.7E+02
				6.0E-03	H					1	0.1		1.4E+09		Parathion	56-38-2					4.7E+02	1.7E+03		3.7E+02
				5.0E-02	H					1	0.1		1.4E+09		Pebulate	1114-71-2					3.9E+03	1.4E+04		3.1E+03
				4.0E-02	I					1	0.1		1.4E+09		Pendimethalin	40487-42-1					3.1E+03	1.1E+04		2.4E+03
				2.0E-03	I					1	0.1		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					1.6E+02	5.6E+02		1.2E+02
				1.0E-04	I					1	0.1		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					7.8E+00	2.8E+01		6.1E+00
				8.0E-04	I					1	0.1		1.4E+09		Pentachlorobenzene	608-93-5					6.3E+01	2.2E+02		4.9E+01
9.0E-02	P									1	0.1		1.4E+09		Pentachloroethane	76-01-7	7.1E+00	2.2E+01		5.4E+00				
2.6E-01	H			3.0E-03	I					1	0.1		1.4E+09		Pentachloronitrobenzene	82-68-8	2.5E+00	7.8E+00		1.9E+00	2.3E+02	8.4E+02		1.8E+02
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		1.4E+09		Pentachlorophenol	87-86-5	1.6E+00	2.0E+00	6.5E+05	8.9E-01	3.9E+02	5.6E+02		2.3E+02
						1.0E+00	P	V		1		3.9E+02	1.4E+09	8.4E+02	Pentane, n-	109-66-0							8.7E+02	8.7E+02
				7.0E-04	I					1			1.4E+09		Perchlorate and Perchlorate Salts	14797-73-0					5.5E+01			5.5E+01
				5.0E-02	I					1	0.1		1.4E+09		Permethrin	52645-53-1					3.9E+03	1.4E+04		3.1E+03
2.2E-03	C	6.3E-07	C							1	0.1		1.4E+09		Phenacetin	62-44-2	2.9E+02	9.2E+02	5.3E+06	2.2E+02				
				2.5E-01	I					1	0.1		1.4E+09		Phenmedipham	13684-63-4					2.0E+04	7.0E+04		1.5E+04
				3.0E-01	I	2.0E-01	C			1	0.1		1.4E+09		Phenol	108-95-2					2.3E+04	8.4E+04	2.8E+08	1.8E+04
				6.0E-03	I					1	0.1		1.4E+09		Phenylenediamine, m-	108-45-2					4.7E+02	1.7E+03		3.7E+02
4.7E-02	H									1	0.1		1.4E+09		Phenylenediamine, o-	95-54-5	1.4E+01	4.3E+01		1.0E+01				
				1.9E-01	H					1	0.1		1.4E+09		Phenylenediamine, p-	106-50-3					1.5E+04	5.3E+04		1.2E+04
1.9E-03	H									1	0.1		1.4E+09		Phenylphenol, 2-	90-43-7	3.3E+02	1.0E+03		2.5E+02				
				2.0E-04	H					1	0.1		1.4E+09		Phorate	298-02-2					1.6E+01	5.6E+01		1.2E+01
						3.0E-04	I	V		1		1.6E+03	1.4E+09	1.1E+03	Phosgene	75-44-5							3.3E-01	3.3E-01
				2.0E-02	I					1	0.1		1.4E+09		Phosmet	732-11-6					1.6E+03	5.6E+03		1.2E+03
				3.0E-04	I	3.0E-04	I			1			1.4E+09		Phosphine	7803-51-2					2.3E+01		4.3E+05	2.3E+01
						1.0E-02	I			1			1.4E+09		Phosphoric Acid	7664-38-2							1.4E+07	1.4E+07
				2.0E-05	I					1			1.4E+09		Phosphorus, White	7723-14-0					1.6E+00			1.6E+00
				1.0E+00	H					1	0.1		1.4E+09		Phthalic Acid, P-	100-21-0					7.8E+04	2.8E+05		6.1E+04
				2.0E+00	I	2.0E-02	C			1	0.1		1.4E+09		Phthalic Anhydride	85-44-9					1.6E+05	5.6E+05	2.8E+07	1.2E+05
				7.0E-02	I					1	0.1		1.4E+09		Picloram	1918-02-1					5.5E+03	2.0E+04		4.3E+03
				1.0E-04	X					1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E+00	2.8E+01		6.1E+00
				1.0E-02	I					1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7					7.8E+02	2.8E+03		6.1E+02
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		1.4E+09		Polybrominated Biphenyls	59536-65-1	2.1E-02	6.7E-02	3.8E+02	1.6E-02	5.5E-01	2.0E+00		4.3E-01
															Polychlorinated Biphenyls (PCBs)									
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14		1.4E+09		~Aroclor 1016	12674-11-2	9.1E+00	2.1E+01	1.7E+05	6.3E+00	5.5E+00	1.4E+01		3.9E+00
2.0E+00	S	5.7E-04	S					V		1	0.14	7.6E+02	1.4E+09	9.2E+04	~Aroclor 1221	11104-28-2	3.2E-01	7.2E-01	3.9E-01	1.4E-01				
2.0E+00	S	5.7E-04	S					V		1	0.14	7.3E+01	1.4E+09	9.2E+04	~Aroclor 1232	11141-16-5	3.2E-01	7.2E-01	3.9E-01	1.4E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1242	53469-21-9	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1248	12672-29-6	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I					1	0.14		1.4E+09		~Aroclor 1254	11097-69-1	3.2E-01	7.2E-01	5.8E+03	2.2E-01	1.6E+00	4.0E+00		1.1E+00
2.0E+00	S	5.7E-04	S							1	0.14		1.4E+09		~Aroclor 1260	11096-82-5	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			1	0.14		1.4E+09		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.6E-04	3.7E-04	2.9E+00	1.1E-04	2.6E-03	6.7E-03	1.9E+03	1.9E-03
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.6E-01	3.7E-01	2.9E+03	1.1E-01	2.6E+00	6.7E+00	1.9E+06	1.9E+00
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			1	0.14		1.4E+09		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.9E-05	1.1E-04	8.7E-01	3.4E-05	7.8E-04	2.0E-03	5.7E+02	5.6E-04
2.0E+00	I	5.7E-04	I							1	0.14		1.4E+09		~Polychlorinated Biphenyls (high risk)	1336-36-3	3.2E-01	7.2E-01	5.8E+03	2.2E-01				
4.0E-01	I	1.0E-04	I							1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I							1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	4.9E-02	1.1E-01	8.7E+02	3.4E-02	7.8E-01	2.0E+00	5.7E+05	5.6E-01
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.6E-02	3.7E-02	2.9E+02	1.1E-02	2.6E-01	6.7E-01	1.9E+05	1.9E-01
						6.0E-04	I			1	0.1		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.5E+05	8.5E+05
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V		1	0.13		1.4E+09	1.5E+05	~Acenaphthene	83-32-9					4.7E+03	1.3E+04		3.4E+03
				3.0E-01	I			V		1	0.13		1.4E+09	5.6E+05	~Anthracene	120-12-7					2.3E+04	6.4E+04		1.7E+04
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benz[a]anthracene	56-55-3	2.0E-01	5.3E-01	1.2E+04	1.5E-01				
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Benzo(j)fluoranthene	205-82-3	5.3E-01	1.3E+00	3.0E+04	3.8E-01				
7.3E+00	I	1.1E-03	C						M	1	0.13		1.4E+09		~Benzo[a]pyrene	50-32-8	2.0E-02	5.3E-02	1.2E+03	1.5E-02				
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[b]fluoranthene	205-99-2	2.0E-01	5.3E-01	1.2E+04	1.5E-01				
7.3E-02	E	1.1E-04	C						M	1	0.13		1.4E+09		~Benzo[k]fluoranthene	207-08-9	2.0E+00	5.3E+00	1.2E+04	1.5E+00				
7.3E-03	E	1.1E-05	C						M	1	0.13		1.4E+09		~Chrysene	218-01-9	2.0E+01	5.3E+01	1.2E+05	1.5E+01				
7.3E+00	E	1.2E-03	C						M	1	0.13		1.4E+09		~Dibenz[a,h]anthracene	53-70-3	2.0E-02	5.3E-02	1.1E+03	1.5E-02				
1.2E+01	C	1.1E-03	C							1	0.13		1.4E+09		~Dibenzo(a,e)pyrene	192-65-4	5.3E-02	1.3E-01	3.0E+03	3.8E-02				
2.5E+02	C	7.1E-02	C							1	0.13		1.4E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	2.6E-03	6.2E-03	4.7E+01	1.8E-03				
				4.0E-02	I					1	0.13		1.4E+09		~Fluoranthene	206-44-0					3.1E+03	8.6E+03		2.3E+03
				4.0E-02	I			V		1	0.13		1.4E+09	3.0E+05	~Fluorene	86-73-7					3.1E+03	8.6E+03		2.3E+03
7.3E-01	E	1.1E-04	C						M	1	0.13		1.4E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	2.0E-01	5.3E-01	1.2E+04	1.5E-01				
2.9E-02	P			7.0E-02	A			V		1		3.9E+02	1.4E+09	6.3E+04	~Methylnaphthalene, 1-	90-12-0	2.2E+01			2.2E+01	5.5E+03			5.5E+03
				4.0E-03	I			V		1		3.7E+02	1.4E+09	6.2E+04	~Methylnaphthalene, 2-	91-57-6					3.1E+02			3.1E+02
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		1.4E+09	5.0E+04	~Naphthalene	91-20-3			3.6E+00	3.6E+00	1.6E+03	4.3E+03	1.6E+02	1.4E+02
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		~Nitropyrene, 4-	57835-92-4	5.3E-01	1.3E+00	3.0E+04	3.8E-01				
				3.0E-02	I			V		1	0.13		1.4E+09	2.6E+06	~Pyrene	129-00-0					2.3E+03	6.4E+03		1.7E+03
				7.0E-04	I					1			1.4E+09		Potassium Perchlorate	7778-74-7					5.5E+01			5.5E+01
1.5E-01	I			9.0E-03	I					1	0.1		1.4E+09		Prochloraz	67747-09-5	4.3E+00	1.3E+01		3.2E+00	7.0E+02	2.5E+03		5.5E+02
				6.0E-03	H					1	0.1		1.4E+09		Profluralin	26399-36-0					4.7E+02	1.7E+03		3.7E+02
				1.5E-02	I					1	0.1		1.4E+09		Prometon	1610-18-0					1.2E+03	4.2E+03		9.2E+02
				4.0E-03	I					1	0.1		1.4E+09		Prometryn	7287-19-6					3.1E+02	1.1E+03		2.4E+02
				1.3E-02	I					1	0.1		1.4E+09		Propachlor	1918-16-7					1.0E+03	3.6E+03		7.9E+02
				5.0E-03	I					1	0.1		1.4E+09		Propanil	709-98-8					3.9E+02	1.4E+03		3.1E+02
				2.0E-02	I					1	0.1		1.4E+09		Propargite	2312-35-8					1.6E+03	5.6E+03		1.2E+03
				2.0E-03	I					1	0.1		1.4E+09		Propargyl Alcohol	107-19-7					1.6E+02	5.6E+02		1.2E+02
				2.0E-02	I					1	0.1		1.4E+09		Propazine	139-40-2					1.6E+03	5.6E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Propham	122-42-9					1.6E+03	5.6E+03		1.2E+03
				1.3E-02	I					1	0.1		1.4E+09		Propiconazole	60207-90-1					1.0E+03	3.6E+03		7.9E+02
						8.0E-03	I	V		1		3.3E+04	1.4E+09	9.6E+03	Propionaldehyde	123-38-6							8.0E+01	8.0E+01
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	1.4E+09	7.5E+03	Propyl benzene	103-65-1					7.8E+03	2.8E+04	7.9E+03	3.4E+03
						3.0E+00	C			1	0.1		1.4E+09		Propylene	115-07-1							4.3E+09	4.3E+09
				2.0E+01	P					1	0.1		1.4E+09		Propylene Glycol	57-55-6					1.6E+06	5.6E+06		1.2E+06
						2.7E-04	A	V		1		1.5E+03	1.4E+09	2.0E+05	Propylene Glycol Dinitrate	6423-43-4							5.7E+01	5.7E+01
				7.0E-01	H					1	0.1		1.4E+09		Propylene Glycol Monoethyl Ether	1569-02-4					5.5E+04	2.0E+05		4.3E+04
				7.0E-01	H	2.0E+00	I			1	0.1		1.4E+09		Propylene Glycol Monomethyl Ether	107-98-2					5.5E+04	2.0E+05	2.8E+09	4.3E+04
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		7.8E+04	1.4E+09	1.0E+04	Propylene Oxide	75-56-9	2.7E+00		6.7E+00	1.9E+00			3.2E+02	3.2E+02
				2.5E-01	I					1	0.1		1.4E+09		Pursuit	81335-77-5					2.0E+04	7.0E+04		1.5E+04
				2.5E-02	I					1	0.1		1.4E+09		Pydrin	51630-58-1					2.0E+03	7.0E+03		1.5E+03
				1.0E-03	I			V		1		5.3E+05	1.4E+09	6.0E+04	Pyridine	110-86-1					7.8E+01			7.8E+01
				5.0E-04	I					1	0.1		1.4E+09		Quinalphos	13593-03-8					3.9E+01	1.4E+02		3.1E+01
3.0E+00	I									1	0.1		1.4E+09		Quinoline	91-22-5	2.1E-01	6.7E-01		1.6E-01				
						3.0E-02	A			1			1.4E+09		Refractory Ceramic Fibers	NA							4.3E+07	4.3E+07
				3.0E-02	I					1	0.1		1.4E+09		Resmethrin	10453-86-8					2.3E+03	8.4E+03		1.8E+03
				5.0E-02	H					1	0.1		1.4E+09		Ronnel	299-84-3					3.9E+03	1.4E+04		3.1E+03
				4.0E-03	I					1	0.1		1.4E+09		Rotenone	83-79-4					3.1E+02	1.1E+03		2.4E+02
2.2E-01	C	6.3E-05	C							1	0.1		1.4E+09		Safrole	94-59-7	2.9E+00	9.2E+00	5.3E+04	2.2E+00				

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; 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)
				2.5E-02	I					1	0.1		1.4E+09		Savey	78587-05-0					2.0E+03	7.0E+03		1.5E+03
				5.0E-03	I					1			1.4E+09		Selenious Acid	7783-00-8					3.9E+02			3.9E+02
				5.0E-03	I	2.0E-02	C			1			1.4E+09		Selenium	7782-49-2					3.9E+02		2.8E+07	3.9E+02
				5.0E-03	C	2.0E-02	C			1			1.4E+09		Selenium Sulfide	7446-34-6					3.9E+02		2.8E+07	3.9E+02
				9.0E-02	I					1	0.1		1.4E+09		Sethoxydim	74051-80-2					7.0E+03	2.5E+04		5.5E+03
						3.0E-03	C			1			1.4E+09		Silica (crystalline, respirable)	7631-86-9							4.3E+06	4.3E+06
				5.0E-03	I					0.04			1.4E+09		Silver	7440-22-4					3.9E+02			3.9E+02
1.2E-01	H			5.0E-03	I					1	0.1		1.4E+09		Simazine	122-34-9	5.3E+00	1.7E+01		4.0E+00	3.9E+02	1.4E+03		3.1E+02
				1.3E-02	I					1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.0E+03	3.6E+03		7.9E+02
				4.0E-03	I					1			1.4E+09		Sodium Azide	26628-22-8					3.1E+02			3.1E+02
2.7E-01	H			3.0E-02	I					1	0.1		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	2.4E+00	7.5E+00		1.8E+00	2.3E+03	8.4E+03		1.8E+03
				5.0E-02	A	1.3E-02	C			1			1.4E+09		Sodium Fluoride	7681-49-4					3.9E+03		1.8E+07	3.9E+03
				2.0E-05	I					1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					1.6E+00	5.6E+00		1.2E+00
				1.0E-03	H					1			1.4E+09		Sodium Metavanadate	13718-26-8					7.8E+01			7.8E+01
				7.0E-04	I					1			1.4E+09		Sodium Perchlorate	7601-89-0					5.5E+01			5.5E+01
2.4E-02	H			3.0E-02	I					1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	2.7E+01	8.4E+01		2.0E+01	2.3E+03	8.4E+03		1.8E+03
				6.0E-01	I					1			1.4E+09		Strontium, Stable	7440-24-6					4.7E+04			4.7E+04
				3.0E-04	I					1	0.1		1.4E+09		Strychnine	57-24-9					2.3E+01	8.4E+01		1.8E+01
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	1.4E+09	1.0E+04	Styrene	100-42-5					1.6E+04		1.0E+04	6.3E+03
				8.0E-04	P					1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.3E+01	2.2E+02		4.9E+01
						1.0E-03	C			1			1.4E+09		Sulfuric Acid	7664-93-9							1.4E+06	1.4E+06
				2.5E-02	I					1	0.1		1.4E+09		Systhane	88671-89-0					2.0E+03	7.0E+03		1.5E+03
				3.0E-02	H					1	0.1		1.4E+09		TCMTB	21564-17-0					2.3E+03	8.4E+03		1.8E+03
				7.0E-02	I					1	0.1		1.4E+09		Tebuthiuron	34014-18-1					5.5E+03	2.0E+04		4.3E+03
				2.0E-02	H					1	0.1		1.4E+09		Temephos	3383-96-8					1.6E+03	5.6E+03		1.2E+03
				1.3E-02	I					1	0.1		1.4E+09		Terbacil	5902-51-2					1.0E+03	3.6E+03		7.9E+02
				2.5E-05	H					1	0.1		1.4E+09		Terbufos	13071-79-9					2.0E+00	7.0E+00		1.5E+00
				1.0E-03	I					1	0.1		1.4E+09		Terbutryn	886-50-0					7.8E+01	2.8E+02		6.1E+01
				1.0E-04	I					1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					7.8E+00	2.8E+01		6.1E+00
				3.0E-04	I					1	0.1		1.4E+09		Tetrachlorobenzene, 1,2,4,5-	95-94-3					2.3E+01	8.4E+01		1.8E+01
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	1.4E+09	6.1E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	2.5E+01		2.0E+00	1.9E+00	2.3E+03			2.3E+03
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	1.4E+09	1.6E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	3.2E+00		6.8E-01	5.6E-01	1.6E+03			1.6E+03
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1		1.7E+02	1.4E+09	2.5E+03	Tetrachloroethylene	127-18-4	1.2E+00		1.0E+00	5.5E-01	7.8E+02		7.2E+02	3.7E+02
				3.0E-02	I					1	0.1		1.4E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					2.3E+03	8.4E+03		1.8E+03
2.0E+01	H									1	0.1		1.4E+09		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.2E-02	1.0E-01		2.4E-02				
				5.0E-04	I					1	0.1		1.4E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					3.9E+01	1.4E+02		3.1E+01
						8.0E+01	I	V		1		1.1E+03	1.4E+09	1.3E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.1E+05	1.1E+05
				4.0E-03	P					1	0.1		1.4E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					3.1E+02	1.1E+03		2.4E+02
										1			1.4E+09		Thallium (Soluble Salts)	7440-28-0								
				1.0E-02	I					1	0.1		1.4E+09		Thiobencarb	28249-77-6					7.8E+02	2.8E+03		6.1E+02
				7.0E-02	X					1	0.008		1.4E+09		Thiodiglycol	111-48-8					5.5E+03	2.6E+05		5.4E+03
				3.0E-04	H					1	0.1		1.4E+09		Thiofanox	39196-18-4					2.3E+01	8.4E+01		1.8E+01
				8.0E-02	I					1	0.1		1.4E+09		Thiophanate, Methyl	23564-05-8					6.3E+03	2.2E+04		4.9E+03
				5.0E-03	I					1	0.1		1.4E+09		Thiram	137-26-8					3.9E+02	1.4E+03		3.1E+02
				6.0E-01	H					1			1.4E+09		Tin	7440-31-5					4.7E+04			4.7E+04
						1.0E-04	A			1			1.4E+09		Titanium Tetrachloride	7550-45-0							1.4E+05	1.4E+05
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	1.4E+09	4.6E+03	Toluene	108-88-3					6.3E+03		2.4E+04	5.0E+03
1.9E-01	H									1	0.1		1.4E+09		Toluidine, p-	106-49-0	3.4E+00	1.1E+01		2.6E+00				
1.1E+00	I	3.2E-04	I							1	0.1		1.4E+09		Toxaphene	8001-35-2	5.8E-01	1.8E+00	1.0E+04	4.4E-01				
				7.5E-03	I					1	0.1		1.4E+09		Tralomethrin	66841-25-6					5.9E+02	2.1E+03		4.6E+02
				3.0E-04	A					1	0.1		1.4E+09		Tri-n-butyltin	688-73-3					2.3E+01	8.4E+01		1.8E+01
				1.3E-02	I					1	0.1		1.4E+09		Triallate	2303-17-5					1.0E+03	3.6E+03		7.9E+02
				1.0E-02	I					1	0.1		1.4E+09		Triasulfuron	82097-50-5					7.8E+02	2.8E+03		6.1E+02
				5.0E-03	I					1	0.1		1.4E+09		Tribromobenzene, 1,2,4-	615-54-3					3.9E+02	1.4E+03		3.1E+02
9.2E-03	P			2.0E-01	P					1	0.1		1.4E+09		Tributyl Phosphate	126-73-8	6.9E+01	2.2E+02		5.3E+01	1.6E+04	5.6E+04		1.2E+04
				3.0E-04	P					1	0.1		1.4E+09		Tributyltin Compounds	NA					2.3E+01	8.4E+01		1.8E+01
				3.0E-04	I					1	0.1		1.4E+09		Tributyltin Oxide	56-35-9					2.3E+01	8.4E+01		1.8E+01
				3.0E+01	I	3.0E+01	H	V		1		9.1E+02	1.4E+09	1.4E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.3E+06		4.3E+04	4.3E+04
										1	0.1		1.4E+09		Trichloroacetic Acid	76-03-9								
2.9E-02	H									1	0.1		1.4E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	2.2E+01	7.0E+01		1.7E+01				

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	voc	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
3.4E-02	H									1	0.1		1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	1.9E+01	6.0E+01		1.4E+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					6.3E+01	2.2E+02		4.9E+01
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	1.4E+09	3.2E+04	Trichlorobenzene, 1,2,4-	120-82-1	2.2E+01			2.2E+01	7.8E+02		6.7E+01	6.2E+01
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	1.4E+09	1.8E+03	Trichloroethane, 1,1,1-	71-55-6					1.6E+05		9.3E+03	8.7E+03
5.7E-02	I	1.6E-05	I	4.0E-03	I			V		1		2.2E+03	1.4E+09	7.8E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+01		1.2E+00	1.1E+00	3.1E+02			3.1E+02
5.9E-03	C	2.0E-06	C					V		1		6.9E+02	1.4E+09	2.4E+03	Trichloroethylene	79-01-6	1.1E+02		2.9E+00	2.8E+00				
				3.0E-01	I	7.0E-01	H	V		1		1.2E+03	1.4E+09	1.1E+03	Trichlorofluoromethane	75-69-4					2.3E+04		8.1E+02	7.9E+02
				1.0E-01	I					1	0.1		1.4E+09		Trichlorophenol, 2,4,5-	95-95-4					7.8E+03	2.8E+04		6.1E+03
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		1.4E+09		Trichlorophenol, 2,4,6-	88-06-2	5.8E+01	1.8E+02	1.1E+06	4.4E+01	7.8E+01	2.8E+02		6.1E+01
				1.0E-02	I					1	0.1		1.4E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					7.8E+02	2.8E+03		6.1E+02
				8.0E-03	I					1	0.1		1.4E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.3E+02	2.2E+03		4.9E+02
				5.0E-03	I			V		1		1.3E+03	1.4E+09	1.6E+04	Trichloropropane, 1,1,2-	598-77-6					3.9E+02			3.9E+02
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	1.4E+09	1.7E+04	Trichloropropane, 1,2,3-	96-18-4	5.0E-03			5.0E-03	3.1E+02		5.3E+00	5.2E+00
				3.0E-03	X	3.0E-04	P	V		1		4.5E+02	1.4E+09	2.5E+03	Trichloropropene, 1,2,3-	96-19-5					2.3E+02		7.9E-01	7.8E-01
				3.0E-03	I					1	0.1		1.4E+09		Tridiphane	58138-08-2					2.3E+02	8.4E+02		1.8E+02
						7.0E-03	I	V		1		2.8E+04	1.4E+09	1.7E+04	Triethylamine	121-44-8							1.2E+02	1.2E+02
7.7E-03	I			7.5E-03	I					1	0.1		1.4E+09		Trifluralin	1582-09-8	8.3E+01	2.6E+02		6.3E+01	5.9E+02	2.1E+03		4.6E+02
3.7E-02	H									1	0.1		1.4E+09		Trimethyl Phosphate	512-56-1	1.7E+01	5.5E+01		1.3E+01				
						7.0E-03	P	V		1		2.2E+02	1.4E+09	8.5E+03	Trimethylbenzene, 1,2,4-	95-63-6							6.2E+01	6.2E+01
				1.0E-02	X			V		1		1.8E+02	1.4E+09	7.1E+03	Trimethylbenzene, 1,3,5-	108-67-8					7.8E+02			7.8E+02
				3.0E-02	I					1	0.019		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4					2.3E+03	4.4E+04		2.2E+03
3.0E-02	I			5.0E-04	I					1	0.032		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	2.1E+01	2.1E+02		1.9E+01	3.9E+01	4.4E+02		3.6E+01
				2.0E-02	P					1	0.1		1.4E+09		Triphenylphosphine Oxide	791-28-6					1.6E+03	5.6E+03		1.2E+03
				2.0E-02	A					1	0.1		1.4E+09		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.6E+03	5.6E+03		1.2E+03
2.0E-02	P			7.0E-03	P					1	0.1		1.4E+09		Tris(2-chloroethyl)phosphate	115-96-8	3.2E+01	1.0E+02		2.4E+01	5.5E+02	2.0E+03		4.3E+02
3.2E-03	P			1.0E-01	P					1	0.1		1.4E+09		Tris(2-ethylhexyl)phosphate	78-42-2	2.0E+02	6.3E+02		1.5E+02	7.8E+03	2.8E+04		6.1E+03
				3.0E-03	I	3.0E-04	A			1			1.4E+09		Uranium (Soluble Salts)	NA					2.3E+02		4.3E+05	2.3E+02
1.0E+00	C	2.9E-04	C							1	0.1		1.4E+09		Urethane	51-79-6	6.4E-01	2.0E+00	1.1E+04	4.9E-01				
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			1.4E+09		Vanadium Pentoxide	1314-62-1			4.0E+02	4.0E+02	7.0E+02		9.9E+03	6.6E+02
				2.0E-02	H					0.026			1.4E+09		Vanadium Sulfate	36907-42-3					1.6E+03			1.6E+03
				5.0E-03	S					1			1.4E+09		Vanadium and Compounds	NA					3.9E+02			3.9E+02
				7.0E-05	P	1.0E-04	A			0.026			1.4E+09		Vanadium, Metallic	7440-62-2					5.5E+00		1.4E+05	5.5E+00
				1.0E-03	I					1	0.1		1.4E+09		Vernolate	1929-77-7					7.8E+01	2.8E+02		6.1E+01
				2.5E-02	I					1	0.1		1.4E+09		Vinclozolin	50471-44-8					2.0E+03	7.0E+03		1.5E+03
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	1.4E+09	4.7E+03	Vinyl Acetate	108-05-4					7.8E+04		9.9E+02	9.7E+02
		3.2E-05	H			3.0E-03	I	V		1		3.4E+03	1.4E+09	1.5E+03	Vinyl Bromide	593-60-2			1.1E-01	1.1E-01			4.6E+00	4.6E+00
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	1.4E+09	1.0E+03	Vinyl Chloride	75-01-4	9.3E-02		1.7E-01	6.0E-02	2.3E+02		1.1E+02	7.4E+01
				3.0E-04	I					1	0.1		1.4E+09		Warfarin	81-81-2					2.3E+01	8.4E+01		1.8E+01
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	1.4E+09	6.3E+03	Xylene, Mixture	1330-20-7					1.6E+04		6.5E+02	6.3E+02
				2.0E-01	S	7.0E-01	C	V		1		3.9E+02	1.4E+09	6.0E+03	Xylene, P-	106-42-3					1.6E+04		4.4E+03	3.4E+03
				2.0E-01	S	7.0E-01	C	V		1		3.9E+02	1.4E+09	5.9E+03	Xylene, m-	108-38-3					1.6E+04		4.3E+03	3.4E+03
				2.0E-01	S	7.0E-01	C	V		1		4.3E+02	1.4E+09	7.0E+03	Xylene, o-	95-47-6					1.6E+04		5.1E+03	3.8E+03
				3.0E-01	I					1			1.4E+09		Zinc (Metallic)	7440-66-6					2.3E+04			2.3E+04
				3.0E-04	I					1			1.4E+09		Zinc Phosphide	1314-84-7					2.3E+01			2.3E+01
				5.0E-02	I					1	0.1		1.4E+09		Zineb	12122-67-7					3.9E+03	1.4E+04		3.1E+03