





Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1				
SFO (mg/kg-day) <sup>-1</sup>	k e y	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	k e y	RfD <sub>o</sub> (mg/kg-day)	k e y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k e y	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
1.0E-01		7.7E-05	C	3.0E-03	X				1.0E+00	1.0E-01			1.4E+09	Chloro-2-methylaniline, 4-	95-69-2	7.0E+00	2.5E+01	5.0E+04	5.4E+00	2.3E+01	9.9E+01		1.9E+01
2.7E-01	X			2.0E-03	H	3.0E-05	I		1.0E+00	1.0E-01	2.8E+04	1.4E+09	1.9E+04	Chloroacetaldehyde, 2-	107-20-0	2.6E+00			2.6E+00	1.6E+01	6.6E+01	4.3E+03	1.3E+01
2.0E-01	P	4.0E-03	I	5.0E-02	P	5.0E-02	P	V	1.0E+00	1.0E-01	1.4E+09	1.4E+09	6.5E+03	Chloroacetic Acid	79-11-8					1.6E+02	2.8E+01		2.8E+01
1.1E-01	C	3.1E-05	C	2.0E-02	I				1.0E+00	1.0E-01	7.6E+02	1.4E+09	1.4E+09	Chloroacetophenone, 2-	532-27-4	3.5E+00	1.2E+01		2.7E+00	1.6E+02	6.6E+02	3.4E+01	1.3E+02
				3.0E-02	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chloroaniline, p-	106-47-8	6.3E+00	2.2E+01	1.2E+05	4.9E+00	1.6E+02	6.6E+02		1.3E+02
3.0E-03	P	3.0E-01	P	4.0E-02	P			V	1.0E+00		1.2E+02	1.4E+09	6.8E+03	Chlorobenzene	108-90-7	3.5E+00	1.2E+01		2.7E+00	2.3E+01	9.9E+02		1.9E+02
				4.0E-02	P			V	1.0E+00		7.3E+02	1.4E+09	1.8E+03	Chlorobenzilate	510-15-6	6.3E+00	2.2E+01	1.2E+05	4.9E+00	2.3E+01	9.9E+02	2.1E+02	3.1E+02
				5.0E+01	I	V			1.0E+00		1.7E+03	1.4E+09	9.4E+02	Chlorobenzoic Acid, p-	74-11-3					2.3E+01	9.9E+02		1.9E+02
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1.0E+00		1.1E+05	1.4E+09	7.8E+04	Chlorobenzotrifluoride, 4-	98-56-6	2.2E+01		3.2E-01	3.2E-01	2.3E+01	9.9E+02	2.1E+02	1.9E+02
				1.0E-02	I	9.8E-02	A	V	1.0E+00		2.5E+03	1.4E+09	2.6E+03	Chlorobutane, 1-	109-69-3					2.3E+01	9.9E+02	2.1E+02	3.1E+02
				9.0E-02	I	V			1.0E+00		1.3E+03	1.4E+09	1.2E+03	Chlorodifluoromethane	75-45-6					2.3E+01	9.9E+02	2.1E+02	3.1E+02
2.4E+00	C	6.9E-04	C	3.0E-03	P	1.0E-05	X		1.0E+00		2.6E+04	1.4E+09	5.3E+03	Chloroethanol, 2-	107-07-3	2.9E-01		2.2E-02	2.0E-02	1.6E+02	4.9E+02		4.9E+03
3.0E-01	P			3.0E-03	P	1.0E-05	X		1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chloroethane	74-87-3	2.9E-01		2.2E-02	2.0E-02	1.6E+02	4.9E+02		4.9E+03
6.3E-03	P	1.0E-03	P	6.0E-04	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chloromethyl Methyl Ether	107-30-2	2.9E-01	8.2E+00	2.2E-02	2.0E-02	1.6E+02	4.9E+02	1.4E+03	1.9E+01
				5.0E-03	I	4.0E-04	C	V	1.0E+00		2.2E+04	1.4E+09	1.2E+05	Chloronitrobenzene, o-	88-73-3	2.3E+00	8.2E+00		1.8E+00	2.3E+01	9.9E+01	1.4E+03	1.9E+01
				4.0E-04	C	V			1.0E+00		6.2E+02	1.4E+09	4.7E+03	Chloronitrobenzene, p-	100-00-5	1.1E+02	3.9E+02		8.6E+01	7.8E+00	3.3E+01	8.5E+04	6.3E+00
3.1E-03	C	8.9E-07	C	1.5E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorophenol, 2-	95-57-8	1.1E+02	3.9E+02		8.6E+01	3.9E+01		2.0E-01	2.0E-01
				2.0E-02	I			V	1.0E+00		9.1E+02	1.4E+09	8.1E+03	Chloropropin	76-06-2					3.9E+01		2.0E-01	2.0E-01
				2.0E-02	X			V	1.0E+00		2.5E+02	1.4E+09	7.3E+03	Chlororotoluene, o-	106-43-4	2.2E+02	8.0E+02	4.3E+06	1.8E+02	1.6E+02	4.9E+02		9.5E+01
2.4E+02	C	6.9E-02	C	2.0E-01	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlororotoluene, p-	106-43-4	2.2E+02	8.0E+02	4.3E+06	1.8E+02	1.6E+02	4.9E+02		9.5E+01
				1.0E-03	A				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, o-	95-49-8	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+02	4.9E+02		1.6E+02
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+02	4.9E+02		1.6E+02
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+02	4.9E+02		1.6E+02
				8.0E-04	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+02	4.9E+02		1.6E+02
				8.0E-04	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+02	4.9E+02		1.6E+02
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	2.5E-02		1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09		Chlorotoluene, p-	106-43-4	3.1E-01	1.6E+01	3.0E-01	2.3E+01	9.9E+01	1.4E+04		2.3E+01
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1											

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	v <sub>o</sub>	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
2.4E-01	I	6.9E-05	C	1.0E-02 7.5E-03	I					1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09			Cypermethrin Cyromazine DDD	52315-07-8 66215-27-8 72-54-8					7.8E+01 5.9E+01	3.3E+02 2.5E+02		6.3E+01 4.7E+01
3.4E-01	I	9.7E-05	C					V		1.0E+00		1.4E+09	2.1E+06		DDE, p,p'- DDT	72-55-9 50-29-3	2.9E+00 2.0E+00	1.0E+01 2.4E+01	5.5E+04 3.9E+04	2.3E+00 1.9E+00	3.9E+00 7.8E+01	5.5E+01 3.3E+02		3.7E+00 6.3E+01
7.0E-04	I			3.0E-02 7.0E-03 4.0E-05	I					1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09			Dalapon Decabromodiphenyl ether, 2,2',3',3',4,4',5,5',6,6'- (BDE-209) Demeton	75-99-0 1163-19-5 8065-48-3				7.8E+02	2.3E+02 5.5E+01 3.1E-01	9.9E+02 2.3E+02 1.3E+00		1.9E+02 4.4E+01 2.5E-01
1.2E-03 6.1E-02	I H			6.0E-01 7.0E-04	I A					1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09			Di(2-ethylhexyl)adipate Diallate Diazinon	103-23-1 2303-16-4 333-41-5	5.8E+02 1.1E+01	2.1E+03 4.1E+01		4.5E+02 8.9E+00	4.7E+03 5.5E+00	2.0E+04 2.3E+01		3.8E+03 4.4E+00
8.0E-01	P	6.0E-03	P	1.0E-02 2.0E-04 4.0E-04	X P X	2.0E-04 2.0E-04 9.0E-03	I V I	M		1.0E+00 1.0E+00		9.8E+02 1.6E+02	1.4E+09 1.4E+09	5.2E+05 3.2E+04 1.9E+04	Dibenzothiophene Dibromo-3-chloropropane, 1,2- Dibromobenzene, 1,3-	132-65-0 96-12-8 108-36-1	1.9E-01		5.4E-03	5.3E-03	7.8E+01 1.6E+00 3.1E+00		6.7E-01	7.8E+01 4.7E-01 3.1E+00
8.4E-02 2.0E+00	I I	2.7E-05 6.0E-04	C I	1.0E-02 2.0E-02 9.0E-03	I I I	1.0E-03 9.0E-03	V V I			1.0E+00 1.0E+00		8.0E+02 1.3E+03	1.4E+09 1.4E+09	2.2E+04 8.0E+03 8.6E+03	Dibromobenzene, 1,4- Dibromochloromethane Dibromomethane, 1,2-	106-37-6 124-48-1 106-93-4	8.3E+00 3.5E-01		8.3E-01 4.0E-02	7.5E-01 3.6E-02	1.6E+02 7.8E+01	1.6E+02 8.1E+00		7.3E+00 7.3E+00
				1.0E-02 3.0E-04 3.0E-02	H P I	4.0E-03 1.0E-01 1.0E-01	X V I			1.0E+00 1.0E+00	1.0E-01 1.0E-01	2.8E+03 1.4E+09	1.4E+09 1.4E+09	5.6E+03	Dibromomethane (Methylene Bromide) Dibutyltin Compounds Dicamba	74-95-3 NA 1918-00-9					7.8E+01 2.3E+00 2.3E+02	9.9E+00 9.9E+02	2.4E+00	2.3E+00 1.9E+00 1.9E+02
4.2E-03 4.2E-03 4.2E-03	P P P			4.0E-03 9.0E-02 7.0E-02	I I A	2.0E-01 8.0E-01	H V I			1.0E+00 1.0E+00		5.2E+02 5.2E+02 7.6E+02	1.4E+09 1.4E+09	1.2E+04 1.1E+04 1.1E+04	Dichloro-2-butene, 1,4- Dichloro-2-butene, cis-1,4- Dichloro-2-butene, trans-1,4-	764-41-0 1476-11-5 110-57-6			8.3E-03 7.4E-03 7.4E-03	8.3E-03 7.4E-03 7.4E-03				
5.0E-02 5.4E-03	I C	4.0E-03 1.1E-05	C	4.0E-03 9.0E-02 7.0E-02	I I A	2.0E-01 8.0E-01	H V I			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 3.8E+02	1.4E+09 1.4E+09	1.2E+04 1.0E+04	Dichloroacetic Acid Dichlorobenzene, 1,2- Dichlorobenzene, 1,4-	79-43-6 95-50-1 106-46-7	1.4E+01 4.9E+01		1.1E+01	1.3E+02 7.0E+02 5.5E+02	1.3E+02 2.4E+02 8.7E+02		2.5E+01 1.8E+02 3.4E+02	
4.5E-01	I	3.4E-04	C	1.0E-02 9.0E-03 2.0E-01	I X I	1.0E-01 1.0E-01	V I			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 8.5E+02	1.4E+09 1.4E+09	2.2E+04 8.4E+02	Dichlorobenzidine, 3,3'- Dichlorobenzophenone, 1,1'- Dichlorodifluoromethane	91-94-1 90-98-2 75-71-8	1.5E+00	5.5E+00	1.1E+04	1.2E+00	7.0E+01 1.6E+03	3.0E+02	8.8E+00	5.7E+01 8.7E+00
5.7E-03 9.1E-02	C I	1.6E-06 2.6E-05	C I	2.0E-01 6.0E-03 5.0E-02	P X I	7.0E-03 2.0E-01	P V I			1.0E+00 1.0E+00		1.7E+03 3.0E+03	1.4E+09 1.4E+09	2.1E+03 4.6E+03	Dichloroethane, 1,1- Dichloroethane, 1,2- Dichloroethylene, 1,1-	75-34-3 107-06-2 75-35-4	1.2E-02 7.6E-00	3.7E+00 4.9E-01	3.6E+00 4.6E-01	1.6E+03 4.7E+01 3.9E+02	1.6E+03 3.3E+00 2.4E+01		1.6E+03 3.1E+00 2.3E+01	
				2.0E-03 2.0E-02 3.0E-03	I I I		V V I			1.0E+00 1.0E+00	2.4E+03 1.9E+03	1.4E+09 1.4E+09	2.5E+03 1.7E+03	Dichloroethylene, 1,2-cis- Dichloroethylene, 1,2-trans- Dichlorophenol, 2,4-	156-59-2 156-60-5 120-83-2					1.6E+01 1.6E+02 2.3E+01	9.9E+01		1.6E+01 1.6E+02 1.9E+01	
3.6E-02	C	1.0E-05	C	1.0E-02 8.0E-03 9.0E-02	P I A	4.0E-03	I V			1.0E+00 1.0E+00	5.0E-02 1.0E-01	1.4E+09 1.4E+09			Dichlorophenoxy Acetic Acid, 2,4- Dichlorophenoxybutyric Acid, 4-(2,4- Dichloropropane, 1,2-	94-75-7 94-82-6 18-87-5	1.9E-01		1.1E+00	1.0E+00	7.8E+01 6.3E+01 7.0E+02	6.6E+02 2.6E+02	1.6E+00	7.0E+01 5.1E+01 1.6E+00
2.9E-01 1.6E+01	I I	8.3E-05 4.6E-03	C I	5.0E-04 8.0E-02 5.0E-05	I P I	5.0E-04 3.0E-04	I X V			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09	1.4E+09 4.1E+03	Dichlorvos Dicyclopentadiene Dieldrin	62-73-7 77-73-6 60-57-1	2.4E+00 4.3E-02	8.5E+00 1.5E-01	4.6E+04 8.3E+02	1.9E+00 3.4E-02	3.9E+00 6.3E+02 3.9E-01	1.6E+01 1.6E+00	7.1E+04 1.3E-01	3.2E+00 1.3E-01 3.2E-01	
				2.0E-03 3.0E-02	P P	3.0E-04 1.0E-04	P P			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09			Diesel Engine Exhaust Diethanolamine Diethylene Glycol Monoethyl Ether	NA 111-42-2 112-34-5					1.6E+01 2.3E+02	6.6E+01 9.9E+02	2.8E+04 1.4E+04	1.3E+01 1.9E+02
3.5E+02	C	1.0E-01	C	6.0E-02 1.0E-03	P P	3.0E-04 1.0E-01	P V			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.1E+05	1.4E+09 1.4E+09	1.4E+05	Diethylene Glycol Monoethyl Ether Diethylformamide Diethylstilbestrol	111-90-0 617-84-5 56-53-1	2.0E-03	7.1E-03	3.8E+01	1.6E-03	4.7E+02 7.8E+00	2.0E+03 4.3E+04		3.8E+02 7.8E+00
				8.0E-02 2.0E-02	I I		V I			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09			Difenzoquat Diflubenzuron Difluoroethane, 1,1-	43222-48-6 35367-38-5 75-37-6					6.3E+02 1.6E+02	2.6E+03 6.6E+02	4.8E+03	5.1E+02 1.3E+02 4.8E+03
4.4E-02	C	1.3E-05	C	8.0E-02	I		V			1.0E+00		2.3E+03	1.4E+09	1.5E+03	Dihydroisofluralol Diisopropyl Ether	94-58-6 108-20-3	1.6E+01	3.3E-01	3.2E-01		6.3E+02	2.2E+02		2.2E+02 6.3E+02
1.6E+00	P			2.0E-02 2.0E-04	I I		V I			1.0E+00 1.0E+00	1.0E-01 1.0E-01	1.4E+09 1.4E+09			Dimethipin Dimethoate Dimethoxybenzidine, 3,3'-	55290-64-7 60-51-5 119-90-4	4.3E-01	1.5E+00		3.4E-01	1.6E+02 1.6E+00	6.6E+02 6.6E+00		1.3E+02 1.3E+00
4.6E+00 5.8E-01	P H	1.3E-03	C	6.0E-02	P		V			1.0E+00	1.0E-01	1.4E+09			Dimethyl methylphosphonate Dimethylamino azobenzene [p-] Dimethylaniline HCl, 2,4-	756-79-6 60-11-7 21436-96-4	4.1E+02 1.5E-01 1.2E+00	1.5E+03 5.4E-01 4.3E+00	2.9E+03	3.2E+02 1.2E-01 9.4E-01	4.7E+02	2.0E+03		3.8E+02 1.3E+02 1.3E+01
2.0E-01	P	2.0E-03	X	2.0E-03	X		V			1.0E+00	1.0E-01	1.4E+09			Dimethylaniline, 2,4-	95-68-1	3.5E+00	1.2E+01		2.7E+00	1.6E+01	6.6E+01		1.3E+01

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1				
SFO (mg/kg-day) <sup>-1</sup>	k e y	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k e y	RfD <sub>o</sub> (mg/kg-day)	k e y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k e y	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
1.1E+01	P			2.0E-03	I		V		1.0E+00	1.0E-01	8.3E+02	1.4E+09	3.1E+04	Dimethylaniline, N,N-Dimethylbenzidine, 3,3'-	121-69-7 119-93-7	6.3E-02	2.2E-01		4.9E-02	1.6E+01			1.6E+01
5.5E+02	C	1.6E-01	C	1.0E-01	P	3.0E-02	I	V	1.0E+00		1.1E+05	1.4E+09	1.3E+05	Dimethylformamide	68-12-2					7.8E+02		4.0E+02	2.6E+02
				1.0E-04	X	2.0E-06	X	V	1.0E+00		1.7E+05	1.4E+09	1.6E+05	Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2-	57-14-7 540-73-8	1.3E-03		2.9E-03	8.8E-04			3.4E-02	3.2E-02
4.5E-02	C	1.3E-05	C	2.0E-02	I			V	1.0E+00	1.0E-01	1.1E+03	1.4E+09	1.0E+03	Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-	105-67-9 576-26-1 95-65-8					1.6E+02	6.6E+02		1.3E+02
				6.0E-04	I				1.0E+00	1.0E-01	1.4E+09								4.7E+00	2.0E+01		3.8E+00	
				1.0E-03	I				1.0E+00	1.0E-01	1.4E+09								7.8E+00	3.3E+01		6.3E+00	
				8.0E-05	X				1.0E+00	1.0E-01	1.4E+09			Dimethylvinylchloride	513-37-1	1.5E+01		2.2E-01	2.1E-01				
				2.0E-03	I				1.0E+00	1.0E-01	1.4E+09			Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-	534-52-1 131-89-5					6.3E-01	2.6E+00		5.1E-01
				1.0E-04	P				1.0E+00	1.0E-01	1.4E+09			Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-	528-29-0 99-65-0 100-25-4					7.8E-01	3.3E+00		6.3E-01
				1.0E-04	I				1.0E+00	1.0E-01	1.4E+09			Dinitrophenol, 2,4-Dinitrotoluene Mixture, 2,4/2,6-Dinitrotoluene, 2,4-	51-28-5 NA 121-14-2	1.0E+00	3.6E+00		8.0E-01	1.6E+01	6.6E+01		1.3E+01
6.8E-01	I			3.1E-01	C	8.9E-05	C		1.0E+00	1.0E-01	1.4E+09			Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-	606-20-2 35572-78-2 19406-51-0	4.6E-01	1.7E+00		3.6E-01	2.3E+00	1.0E+01		1.9E+00
1.5E+00	P			3.0E-04	X				1.0E+00	9.9E-02	1.4E+09			Dinitrotoluene, Technical grade	25321-14-6	1.5E+00	5.5E+00		1.2E+00	7.0E+00	3.0E+02		5.7E+00
4.5E-01	X			9.0E-04	S				1.0E+00	1.0E-01	1.4E+09			Unoseb	88-85-7					7.8E+00	3.3E+01		6.3E+00
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V	1.0E+00		1.2E+05	1.4E+09	4.0E+04	Dioxane, 1,4-Dioxins	123-91-1	7.0E+00		2.2E+01	5.3E+00	2.3E+02		1.2E+02	8.1E+01
6.2E+03	I	1.3E+00	I	1.3E+05	C	3.8E+01	C		1.0E+00	3.0E-02	1.4E+09			--Hexachlorodibenzo-p-dioxin, Mixture --ICDD, 2,3,7,8-	NA 1746-01-6	1.1E-04	1.3E-03	2.9E+00	1.0E-04	5.5E-06	7.7E-05	8.2E-03	5.1E-06
				3.0E-02	I				1.0E+00	1.0E-01	1.4E+09			Diphenamid	957-51-7					2.3E+02	9.9E+02		1.9E+02
				8.0E-04	X				1.0E+00	1.0E-01	1.4E+09			Diphenyl Sulfone	427-63-9					6.3E+00	2.6E+01		5.1E+00
				2.5E-02	I				1.0E+00	1.0E-01	1.4E+09			Diphenylamine	122-89-4					2.0E+02	8.2E+02		1.6E+02
8.0E-01	I	2.2E-04	I	2.2E-03	I				1.0E+00	1.0E-01	1.4E+09			Diphenylhydrazine, 1,2-Diquat	122-66-7 85-00-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	1.7E+01	7.3E+01		1.4E+01
7.1E+00	C	1.4E-01	C						1.0E+00	1.0E-01	1.4E+09			Direct Black 38	1937-37-7	9.8E-02	3.5E-01	2.7E+01	7.6E-02				
7.4E+00	C	1.4E-01	C						1.0E+00	1.0E-01	1.4E+09			Direct Blue 6	2602-46-2	9.4E-02	3.3E-01	2.7E+01	7.3E-02				
6.7E+00	C	1.4E-01	C						1.0E+00	1.0E-01	1.4E+09			Direct Brown 95	16071-86-6	1.0E-01	3.7E-01	2.7E+01	8.1E-02				
				4.0E-05	I				1.0E+00	1.0E-01	1.4E+09			Disulfoton*	298-04-4					3.1E-01	1.3E+00		2.5E-01
				1.0E-02	I			V	1.0E+00		1.4E+09	4.5E+04		Dithiane, 1,4-Diuron	505-29-3 330-54-1					7.8E+01	6.6E+01		7.8E+01
				2.0E-03	I				1.0E+00	1.0E-01	1.4E+09			Iodine	2439-10-3					1.6E+01	1.3E+02		1.3E+01
				4.0E-03	I				1.0E+00	1.0E-01	1.4E+09			EPTC	759-94-4					3.1E+01	1.3E+02		2.5E+01
				2.5E-02	I			V	1.0E+00		1.4E+09	1.2E+05		Endosulfan	115-29-7					2.0E+02			2.0E+02
				6.0E-03	I			V	1.0E+00		1.4E+09	4.1E+05		Endothal	145-73-3					4.7E+01			4.7E+01
				2.0E-02	I				1.0E+00	1.0E-01	1.4E+09			Endrin	72-20-8					1.6E+02	6.6E+02		1.3E+02
9.9E-03	I	1.2E-06	I	3.0E-04	I	1.0E-03	I	V	1.0E+00	1.0E-01	1.4E+09			Epichlorohydrin	106-89-8	7.0E+01		4.4E+01	2.7E+01	2.3E+00	9.9E+00		1.9E+00
				6.0E-03	P	1.0E-03	I	V	1.0E+00		1.1E+04	1.4E+09	1.9E+04	Epoxybutane, 1,2-Ethephon	106-88-7 16672-87-0					4.7E+01		2.0E+00	1.9E+00
				2.0E-02	I				1.0E+00		1.5E+04	1.4E+09	7.7E+03	Ethion	563-12-2					1.6E+01			1.6E+01
				5.0E-03	I				1.0E+00	1.0E-01	1.4E+09			Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-	111-15-9					7.8E+02		3.8E+02	2.6E+02
				5.0E-04	I				1.0E+00	1.0E-01	1.4E+09			Ethylene Glycol	107-15-3					3.9E+01	1.6E+02		3.2E+01
				1.0E-01	P	6.0E-02	P	V	1.0E+00		3.1E+04	1.4E+09	6.2E+04	Ethyl Acetate	563-12-2					7.8E+02	1.6E+01		3.2E+00
				9.0E-02	P	2.0E-01	I	V	1.0E+00		1.1E+05	1.4E+09	9.8E+04	Ethyl Acrylate	140-88-5	1.4E+01			1.4E+01	3.9E+01		5.3E+00	4.7E+00
4.8E-02	H			9.0E-01	I	7.0E-02	P	V	1.0E+00		1.1E+04	1.4E+09	8.6E+03	Ethyl Chloride (Chloroethane)	75-00-3					7.0E+02	2.1E+03		5.2E+02
				5.0E-03	P	8.0E-03	P	V	1.0E+00		2.5E+03	1.4E+09	6.3E+03	Ethyl Ether	60-29-7					7.0E+03			1.6E+03
				1.0E+01	I				1.0E+00		2.1E+03	1.4E+09	1.3E+03	Ethyl Methacrylate	97-63-2					7.0E+02		1.8E+02	1.4E+02
				2.0E-01	I			V	1.0E+00		1.0E+04	1.4E+09	3.1E+03	Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.6E+03	3.3E-01		6.3E-02
				9.0E-02	H	3.0E-01	P	V	1.0E+00		1.1E+03	1.4E+09	5.8E+03	Ethylbenzene	100-41-4	6.3E+01		6.4E+00	5.8E+00	7.8E+02		5.9E+02	3.4E+02
1.1E-02	C	2.5E-06	C	1.0E-05	I	1.0E+00	I	V	1.0E+00		4.8E+02	1.4E+09	5.7E+03	Ethylene Cyanohydrin	109-78-4					5.5E+02	2.3E+03		4.4E+02
				7.0E-02	P				1.0E+00		1.4E+09			Ethylene Diamine	107-15-3					7.0E+02			7.0E+02
				9.0E-02	P			V	1.0E+00		1.9E+05	1.4E+09	1.8E+05	Ethylene Glycol	107-21-1					1.6E+04	6.6E+04	5.7E+07	1.3E+04
				2.0E+00	I	4.0E-01	C		1.0E+00	1.0E-01	1.4E+09			Ethylene Glycol Monobutyl Ether	111-76-2					7.8E+02	3.3E+03	2.3E+08	6.3E+02
				1.0E-01	I	1.6E+00	I		1.0E+00	1.0E-01	1.4E+09			Ethylene Oxide	75-21-8	2.2E+00		1.9E-01	1.8E-01	7.8E+02	3.3E+03		1.9E+01
3.1E-01	C	8.8E-05	C	3.0E-02	C	V			1.0E+00		1.2E+05	1.4E+09	6.1E+03	Ethylene Thiourea	96-45-7	1.5E+01	5.5E+01	2.9E+05	1.2E+01	6.3E-01	2.6E+00		5.1E-01
4.5E-02	C	1.3E-05	C	8.0E-05	I				1.0E+00	1.0E-01	1.4E+09			Ethyleneimine	151-56-4	1.1E-02		3.5E-03	2.7E-03				
6.5E+01	C	1.9E-02	C						1.0E+00		1.5E+05	1.4E+09	2.4E+04	Ethylphthalyl Ethyl Glycolate	84-72-0					2.3E+04	9.9E+04		1.9E+04
				3.0E+00	I				1.0E+00	1.0E-01	1.4E+09			Express	101200-48-0					6.3E+01	2.6E+02		5.1E+01
				8.0E-03	I				1.0E+00	1.0E-01	1.4E+09												

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1						
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	v <sub>o</sub>	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
				2.5E-04	I					1.0E+00	1.0E-01		1.4E+09		Penamiphos	22224-92-6					2.0E+00	8.2E+00		1.8E+00	
				2.5E-02	I					1.0E+00	1.0E-01		1.4E+09		Fenprothrin	39515-41-8					2.0E+02	8.2E+02		1.6E+02	
				1.3E-02	I					1.0E+00	1.0E-01		1.4E+09		Fluometuron	2164-17-2					1.0E+02	4.3E+02		8.2E+01	
				4.0E-02	C	1.3E-02	C			1.0E+00			1.4E+09		Fluoride	16984-48-8					3.1E+02		1.8E+06	3.1E+02	
				6.0E-02	I	1.3E-02	C			1.0E+00			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4					4.7E+02		1.8E+06	4.7E+02	
				8.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Fluridone	59756-60-4					6.3E+02	2.6E+03		5.1E+02	
				2.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Flurprimidol	56425-91-3					1.6E+02	6.6E+02		1.3E+02	
				6.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Flutolanil	66332-96-5					4.7E+02	2.0E+03		3.8E+02	
				1.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Fluvalinate	69409-94-5					7.8E+01	3.3E+02		6.3E+01	
3.5E-03	I			1.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Folpet	133-07-3	2.0E+02	7.1E+02		1.6E+02	7.8E+02	3.3E+03		6.3E+02	
				1.9E-01	I					1.0E+00	1.0E-01		1.4E+09		Fomesafen	72178-02-0	3.7E+00	1.3E+01		2.9E+00	1.6E+01	6.6E+01		1.3E+01	
				1.3E-05	I	2.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Fonofos	944-22-9					1.6E+03		8.0E+01	7.6E+01	
				9.0E-01	P	3.0E-04	X V			1.0E+00		1.1E+05	1.4E+09	9.3E+04	Formaldehyde	50-00-0			1.7E+01	1.7E+01	7.0E+03		2.9E+00	2.9E+00	
				3.0E+00	I					1.0E+00	1.0E-01		1.4E+09		Formic Acid	64-18-6					2.3E+04	9.9E+04		1.9E+04	
				1.0E-03	X		V			1.0E+00	3.0E-02		1.4E+09	2.0E+05	-Dibenzofuran	132-64-9					7.8E+00	1.1E+02		7.3E+00	
				1.0E-03	I		V			1.0E+00	3.0E-02	6.2E+03	1.4E+09	2.6E+03	-Furan	110-00-9					7.8E+00	1.1E+02		7.3E+00	
				9.0E-01	I	2.0E+00	I V			1.0E+00	3.0E-02	1.7E+05	1.4E+09	1.2E+04	+Tetrahydrofuran	109-99-9					7.0E+03	9.9E+04	2.5E+03	1.8E+03	
3.8E+00	H			3.0E-03	I	5.0E-02	H V			1.0E+00	1.0E-01		1.4E+09		Furazolidone	67-45-8	1.8E-01	6.5E-01		1.4E-01			2.3E+01	2.5E+02	2.1E+01
1.5E+00	C	4.3E-04	C							1.0E+00		1.0E+04	1.4E+09	4.9E+04	Furfural	98-01-1									
				3.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Furium	531-82-8	4.6E-01	1.6E+00	8.9E+03	3.6E-01					
3.0E-02	I	8.6E-06	C							1.0E+00	1.0E-01		1.4E+09		Furmecycloz	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01					
				4.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Glufosinate, Ammonium	77182-82-2					3.1E+00	1.3E+01		2.5E+00	
				8.0E-05	C					1.0E+00	1.0E-01		1.4E+09		Glutaraldehyde	111-30-8							1.1E+04	1.1E+04	
				4.0E-04	I	1.0E-03	H V			1.0E+00		1.1E+05	1.4E+09	7.3E+04	Glycidyl	785-34-4					3.1E+00		7.7E+00	2.2E+00	
				1.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Glyphosate	1071-83-6					7.8E+02	3.3E+03		6.3E+02	
				3.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Goal	42874-93-3					2.3E+01	9.9E+01		1.9E+01	
				1.0E-02	X		V			1.0E+00			1.4E+09	1.5E+05	Guandine	113-00-8					7.8E+01			7.8E+01	
				2.0E-02	P					1.0E+00	1.0E-01		1.4E+09		Guandine Chloride	50-81-1					1.6E+02	6.6E+02		1.3E+02	
				3.0E-03	A	1.0E-02	A			1.0E+00	1.0E-01		1.4E+09		Guthion	86-50-0					2.3E+01	9.9E+01	1.4E+06	1.9E+01	
				5.0E-05	I					1.0E+00	1.0E-01		1.4E+09		Haloxyfop, Methyl	69806-40-2					3.9E-01	1.6E+00		3.2E-01	
				1.3E-02	I					1.0E+00	1.0E-01		1.4E+09		Harmony	79277-27-3					1.0E+02	4.3E+02		8.2E+01	
4.5E+00	I	1.3E-03	I							1.0E+00		4.8E+05	1.4E+09	4.8E+05	Heptachlor	76-44-8	1.5E-01		1.0E+00	1.3E-01	3.9E+00			3.9E+00	
9.1E+00	I	2.6E-03	I							1.0E+00			1.4E+09	8.4E+05	Heptachlor Epoxide	1024-57-3	7.6E-02		9.1E-01	7.0E-02	1.0E-01			1.0E-01	
				2.0E-03	I		V			1.0E+00			1.4E+09	3.8E+05	Hexabromobenzene	87-82-1					1.6E+01			1.6E+01	
				2.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					1.6E+00	6.6E+00		1.3E+00	
1.6E+00	I	4.6E-04	I							1.0E+00			1.4E+09	6.8E+04	Hexachlorobenzene	118-74-1	4.3E-01		4.1E-01	2.1E-01	6.3E+00			6.3E+00	
7.8E-02	I	2.2E-05	I							1.0E+00		1.7E+01	1.4E+09	1.1E+04	Hexachlorobutadiene	87-68-3	8.9E+00		1.4E+00	1.2E+00	7.8E+00			7.8E+00	
6.3E+00	I	1.8E-03	I							1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	1.1E-01	3.9E-01	2.1E+03	8.6E-02	6.3E+01	2.6E+02		5.1E+01	
1.8E+00	I	5.3E-04	I							1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	3.9E-01	1.4E+00	7.2E+03	3.0E-01					
1.1E+00	C	3.1E-04	C							1.0E+00	4.0E-02		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.3E-01	5.6E+00	1.2E+04	5.7E-01	2.3E+00	2.5E+01		2.1E+00	
1.8E+00	I	5.1E-04	I							1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	3.9E-01	1.4E+00	7.5E+03	3.0E-01					
				6.0E-03	I	2.0E-04	I V			1.0E+00		1.6E+01	1.4E+09	8.5E+03	Hexachlorocyclopentadiene	77-47-3					4.7E+01		1.8E-01	1.8E-01	
4.0E-02	I	1.1E-05	C							1.0E+00			1.4E+09	8.0E+03	Hexachloroethane	67-72-1	1.7E+01		2.0E+00	1.8E+00	5.5E+00		2.5E+01	4.5E+00	
				3.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Hexachlorophene	70-30-4					2.3E+00	9.9E+00		1.9E+00	
1.1E-01	I			3.0E-03	I					1.0E+00	1.5E-02		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.3E+00	1.5E+02		6.1E+00	2.3E+01	6.6E+02		2.3E+01	
				4.0E-04	P	1.0E-05	I V			1.0E+00		5.2E+03	1.4E+09	3.0E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0					3.1E+00	1.3E+01		3.1E-01	
				6.0E-02	H	7.0E-01	I V			1.0E+00		1.4E+02	1.4E+09	8.3E+02	Hexamethylphosphoramide	680-31-9								2.5E+00	
				2.0E+00	P					1.0E+00	1.0E-01		1.4E+09		Hexane, N-	110-54-3					4.7E+02		6.1E+01	5.4E+01	
				5.0E-03	I	3.0E-02	I V			1.0E+00		3.3E+03	1.4E+09	1.3E+04	Hexanedioic Acid	124-04-9					1.6E+04	6.6E+04		1.3E+04	
				3.3E-02	I					1.0E+00	1.0E-01		1.4E+09		Hexanone, 2-	591-78-6					3.9E+01		4.2E+01	2.0E+01	
3.0E+00	I	4.9E-03	I							1.0E+00	1.0E-01		1.4E+09		Hexazinone	51235-04-2					2.6E+02	1.1E+03		2.1E+02	
3.0E+00	I	4.9E-03	I							1.0E+00			1.4E+09		Hydrazine	302-01-2	2.3E-01		7.8E+02	2.3E-01			4.3E+03	4.3E+03	
				2.0E-02	I V					1.0E+00			1.4E+09		Hydrazine Sulfate	10034-93-2	2.3E-01		7.8E+02	2.3E-01					

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1							
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	v <sub>o</sub>	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)		
9.5E-04	I			3.0E-01	I			V		1.0E+00		1.0E+04	1.4E+09	2.8E+04	Isobutyl Alcohol	78-83-1				5.7E+02	2.3E+03				2.3E+03	
				2.0E-01	I	2.0E+00	C			1.0E+00	1.0E-01		1.4E+09		Isophorone	78-59-1	7.3E+02	2.6E+03			1.6E+03	6.6E+03	2.8E+08		1.3E+03	
				1.5E-02	I		V			1.0E+00			1.4E+09	4.2E+05	Isopropalin	33820-53-0					1.2E+02				1.2E+02	
				2.0E+00	P	2.0E-01	P	V		1.0E+00		1.1E+05	1.4E+09	2.8E+04	Isopropanol	67-63-0					1.6E+04		5.8E+02		5.6E+02	
				1.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+02	3.3E+03			6.3E+02	
				5.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Isoxaben	82558-50-7					3.9E+02	1.6E+03			3.2E+02	
				3.0E-01	A	V				1.0E+00			1.4E+09		JP-7	NA							4.3E+07		4.3E+07	
				7.5E-02	I					1.0E+00	1.0E-01		1.4E+09		Kerb	23950-58-5					5.9E+02	2.5E+03			4.7E+02	
				2.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Lactofen	77501-63-4					1.6E+01	6.6E+01			1.3E+01	
															<b>Lead Compounds</b>											
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	2.5E-02			1.4E+09		--Lead Chromate	7758-97-6	3.1E-01		9.2E+00	3.0E-01					1.6E+02	
8.5E-03	C	1.2E-05	C							1.0E+00			1.4E+09		--Lead Phosphate	7446-27-7	8.2E+01		3.2E+05	8.2E+01					2.8E+04	1.6E+02
										1.0E+00	1.0E-01		1.4E+09		--Lead acetate	301-04-2	2.5E+00	8.8E+00	4.8E+04	1.9E+00						
2.8E-01	C	8.0E-05	C							1.0E+00	1.0E-01		1.4E+09		--Lead and Compounds	7439-92-1										4.0E+02
8.5E-03	C	1.2E-05	C							1.0E+00	1.0E-01		1.4E+09		--Lead subacetate	1335-32-6	8.2E+01	2.9E+02	3.2E+05	6.4E+01						
				1.0E-07	I		V			1.0E+00		2.4E+00	1.4E+09	1.9E+03	--Tetraethyl Lead	78-00-2					7.8E-04				7.8E-04	
				2.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Linuron	330-55-2					1.6E+01	6.6E+01			1.3E+01	
				2.0E-03	P					1.0E+00			1.4E+09		Lithium	7439-93-2					1.6E+01				1.6E+01	
				2.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Londax	83055-99-6					1.6E+03	6.6E+03			1.3E+03	
				5.0E-04	I					1.0E+00	1.0E-01		1.4E+09		MCPA	94-74-6					3.9E+00	1.6E+01			3.2E+00	
				1.0E-02	I					1.0E+00	1.0E-01		1.4E+09		MCPB	94-81-5					7.8E+01	3.3E+02			6.3E+01	
				1.0E-03	I					1.0E+00	1.0E-01		1.4E+09		MCPB	93-65-2					7.8E+00	3.3E+01			6.3E+00	
				2.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Malathion	121-75-5					1.6E+02	6.6E+02			1.3E+02	
				1.0E-01	I	7.0E-04	C			1.0E+00	1.0E-01		1.4E+09		Maleic Anhydride	108-31-6					7.8E+02	3.3E+03	9.9E+04		6.3E+02	
				5.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Maleic Hydrate	123-33-1					3.9E+03	1.6E+04			3.2E+03	
				1.0E-04	P					1.0E+00	1.0E-01		1.4E+09		Malononitrile	109-77-3					7.8E-01	3.3E+00			6.3E-01	
				3.0E-02	H					1.0E+00	1.0E-01		1.4E+09		Malononitrile	109-77-3					2.3E+02	9.9E+02			1.9E+02	
				5.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Maneth	92427-38-2					3.9E+01	1.6E+02			3.2E+01	
				1.4E-01	I	5.0E-05	I			1.0E+00			1.4E+09		Manganese (Diet)	7439-96-5								7.1E+03	1.8E+02	
				2.4E-02	S	5.0E-05	I			4.0E-02			1.4E+09		Manganese (Non-diet)	7439-96-5					1.9E+02					
				9.0E-05	H					1.0E+00	1.0E-01		1.4E+09		Mepfosolan	950-10-7					7.0E-01	3.0E+00			5.7E-01	
				3.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Mepiquat Chloride	24307-26-4					2.3E+02	9.9E+02			1.9E+02	
				3.0E-04	I	3.0E-04	S			7.0E-02			1.4E+09		--Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+00		4.3E+04		2.3E+00	
				1.0E-04	I	3.0E-04	I	V		1.0E+00		3.1E+00	1.4E+09	3.0E+04	--Mercury (elemental)	7439-97-6							9.4E-01		9.4E-01	
				1.0E-04	I					1.0E+00			1.4E+09		--Methyl Mercury	22967-92-6					7.8E-01				7.8E-01	
				8.0E-05	I					1.0E+00	1.0E-01		1.4E+09		--Phenylmercuric Acetate	62-38-4					6.3E-01	2.6E+00			5.1E-01	
				3.0E-05	I			V		1.0E+00		1.4E+09	1.9E+06		Merphos	150-50-5					2.3E-01				2.3E-01	
				3.0E-05	I					1.0E+00	1.0E-01		1.4E+09		Merphos Oxide	78-48-8					2.3E-01	9.9E-01			1.9E-01	
				6.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Metaxyl	57837-19-1					4.7E+02	2.0E+03			3.8E+02	
				1.0E-04	I	3.0E-02	P	V		1.0E+00		4.6E+03	1.4E+09	6.8E+03	Methacrylonitrile	126-98-7					7.8E-01		2.1E+01		7.5E-01	
				5.0E-05	I					1.0E+00	1.0E-01		1.4E+09		Methamidophos	10266-92-6					3.9E-01	1.6E+00			3.2E-01	
				2.0E+00	I	2.0E+01	I	V		1.0E+00		1.1E+05	1.4E+09	2.9E+04	Methanol	67-56-1					1.6E+04		6.1E+04		1.2E+04	
				1.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Methidathion	950-37-8					7.8E+00	3.3E+01			6.3E+00	
				2.5E-02	I					1.0E+00	1.0E-01		1.4E+09		Methomyl	16752-77-5					2.0E+02	8.2E+02			1.6E+02	
4.9E-02	C	1.4E-05	C							1.0E+00	1.0E-01		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+01	5.0E+01	2.7E+05	1.1E+01					3.2E+01	
				5.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Methoxychlor	72-43-5					3.9E+01	1.6E+02			1.1E+01	
				8.0E-03	P	1.0E-03	P	V		1.0E+00		1.2E+05	1.4E+09	1.2E+05	Methoxyethanol Acetate, 2-	110-49-6					6.3E+01		1.3E+01		3.2E+01	
				5.0E-03	P	2.0E-02	I	V		1.0E+00		1.1E+05	1.4E+09	1.0E+05	Methoxyethanol, 2-	109-86-4					3.9E+01		2.1E+02		3.3E+01	
				1.0E+00	X			V		1.0E+00		2.9E+04	1.4E+09	8.1E+03	Methyl Acetate	79-20-9					7.8E+03				7.8E+03	
				3.0E-02	H	2.0E-02	P	V		1.0E+00		6.8E+03	1.4E+09	7.0E+03	Methyl Acrylate	96-33-3					2.3E+02		1.5E+01		1.4E+01	
				6.0E-01	I	5.0E+00	I	V		1.0E+00		2.8E+04	1.4E+09	1.2E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+03		6.4E+03		2.7E+03	
				1.0E-03	X					1.0E+00		1.8E+05	1.4E+09	1.6E+05	Methyl Hydrazine	60-34-4			4.4E-01	4.4E-01	7.8E+00		3.3E-01		3.1E-01	
				8.0E-02	H	3.0E+00	I	V		1.0E+00		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					6.3E+02		3.3E+03		5.3E+02	
				1.0E-03	C	V				1.0E+00		1.7E+04	1.4E+09	4.4E+03	Methyl Isocyanate	624-83-9							4.6E-01		4.6E-01	

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer, \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) <sup>-1</sup>	k e y	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	k e y	RfD <sub>o</sub> (mg/kg-day)	k e y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k e y	v o l a t i l e	m u t a g e n	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
1.3E-01	C	3.7E-05	C	1.0E-02	A					1.0E+00	1.0E-01	1.4E+09			Methylaniline Hydrochloride, 2- Methylarsonic acid	636-21-5 124-58-3	5.3E+00	1.9E+01	1.0E+05	4.2E+00	7.8E+01	3.3E+02		6.3E+01	
1.0E-01	X	3.0E-04	X	2.0E-04	X					1.0E+00	1.0E-01	1.4E+09			Methylbenzene, 1,4-diamine monohydrochloride, 2- Methylbenzene-1,4-diamine sulfate, 2- Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5	7.0E+00	2.5E+01		5.4E+00	1.8E+00	6.6E+00		1.3E+00	
2.2E+01	C	6.3E-03	C	6.0E-03	I	6.0E-01	I	V	M	1.0E+00	1.0E-01	1.4E+09			Methylene Chloride	75-09-2	7.7E+01	2.2E+02	2.2E+02	5.7E+01	4.7E+01		1.4E+02	3.5E+01	
1.0E-01	P	4.3E-04	C	2.0E-03	P					1.0E+00	1.0E-01	1.4E+09			Methylene-bis(2-chloroaniline), 4,4'- Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-14-4 101-61-1	1.5E+00	6.0E+00	3.2E+03	1.2E+00	1.6E+01	6.6E+01		1.3E+01	
4.6E-02	I	1.3E-05	C	2.0E-02	C	6.0E-04	I			1.0E+00	1.0E-01	1.4E+09			Methylenediphenyl Diisocyanate	101-68-8	4.3E-01	1.5E+00	8.3E+03	3.4E-01			2.8E+06	2.8E+06	
1.6E+00	C	4.6E-04	C	7.0E-02	H					1.0E+00	1.0E-01	5.0E+02	1.4E+09	1.3E+04	Methylstyrene, Alpha-	98-83-9					5.5E+02		8.5E+04	8.5E+04	
1.8E+01	C	5.1E-03	C	1.5E-01	I					1.0E+00	1.0E-01	1.4E+09			Metolachlor	51218-45-2					1.2E+03	4.9E+03		9.5E+02	
1.8E+01	C	5.1E-03	C	2.5E-02	I					1.0E+00	1.0E-01	1.4E+09			Metribuzin	21087-64-9					2.0E+02	8.2E+02		1.6E+02	
1.8E+01	C	5.1E-03	C	3.0E+00	P					1.0E+00	1.0E-01	3.4E-01	1.4E+09	1.4E+03	Mineral oils	8012-95-1					2.3E+04			2.3E+04	
1.8E+01	C	5.1E-03	C	2.0E-04	I					1.0E+00	1.0E-01	1.4E+09	8.6E+05		Mirex	2385-85-5	3.9E-02		4.7E-01	3.6E-02	1.6E+00			1.6E+00	
1.8E+01	C	5.1E-03	C	2.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Molinate	2212-67-1					1.6E+01	6.6E+01		1.3E+01	
1.8E+01	C	5.1E-03	C	5.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Molybdenum	7439-98-7					3.9E+01			3.9E+01	
1.8E+01	C	5.1E-03	C	1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Monochloramine	10599-90-3					7.8E+02			7.8E+02	
1.8E+01	C	5.1E-03	C	2.0E-03	P					1.0E+00	1.0E-01	1.4E+09			Monomethylaniline	100-61-8					1.6E+01	6.6E+01		1.3E+01	
1.8E+01	C	5.1E-03	C	3.0E-04	X					1.0E+00	1.0E-01	1.4E+09			N,N-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+00	9.9E+00		1.9E+00	
1.8E+00	C	0.0E+00	C	2.0E-03	I	1.0E-01	P	V		1.0E+00	1.0E-01	1.4E+09	5.7E+04		Naled	300-76-5					1.6E+01			1.6E+01	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V		1.0E+00	1.0E-01	1.4E+09			Naphtha, High Flash Aromatic (HFAN)	64742-95-6	3.9E-01	1.4E+00			2.3E+02		1.4E+07	2.3E+02	
1.8E+00	C	0.0E+00	C	1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Naphthylamine, 2-	91-59-8								2.3E+02	
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Napropamide	15299-99-7				1.5E+04	1.5E+04	7.8E+02	3.3E+03	2.0E+03	6.3E+02
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickel Acetate	373-02-4			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickel Carbamate	333-67-3			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickel Carbonyl	13463-39-3			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Hydroxide	12054-46-7			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	2.0E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Oxide	1313-99-1			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.8E+03	2.8E+03	8.4E+01
1.8E+00	C	0.0E+00	C	2.4E-04	I	1.1E-02	C	1.4E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Refinery Dust	NA			1.6E+04	1.6E+04	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Soluble Salts	7440-02-0	4.1E-01		1.5E+04	1.5E+04	1.6E+02	6.6E+01	1.3E+04	1.5E+02	
1.8E+00	C	0.0E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Sulfide	12035-72-2			8.0E+03	4.1E-01	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickelocene	1271-28-9			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	2.0E+03	6.7E+01
1.8E+00	C	0.0E+00	C	1.6E+00	I					1.0E+00	1.0E-01	1.4E+09			Nitrate	14797-55-8					1.3E+04			1.3E+04	
1.8E+00	C	0.0E+00	C	1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Nitrate (as N)	NA									
2.0E-02	P			1.0E-02	X	5.0E-05	X			1.0E+00	1.0E-01	1.4E+09			Nitrite	14797-85-0					7.8E+02			7.8E+02	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.0E+00	1.0E-01	1.4E+09			Nitroamine, 2-	89-74-4	3.5E+01	1.2E+02		2.7E+01	7.8E+01	3.3E+02	7.1E+03	6.3E+01	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.0E+00	1.0E-01	1.4E+09			Nitroamine, 4-	100-01-6					3.1E+01	1.3E+02	8.5E+05	2.5E+01	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	3.1E+03	1.4E+09	7.3E+04	Nitrobenzene	98-95-3			5.1E+00	5.1E+00	1.6E+01		6.9E+01	1.3E+01	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitrocellulose	9004-70-0					2.3E+07	9.9E+07		1.9E+07	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitrofurantoin	61-20-9					5.5E+02	2.3E+03		4.4E+02	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitrofurazone	59-87-0	5.3E-01	1.9E+00	1.0E+04	4.2E-01	7.8E-01	3.3E+00		6.3E-01	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitroglycerin	55-63-0	4.1E+01	1.5E+02		3.2E+01	7.8E+02	3.3E+03		6.3E-02	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitroglyceridine	556-88-7					7.8E+02	3.3E+03		6.3E-02	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.8E+04	1.4E+09	1.7E+04	Nitromethane	75-52-5			5.4E+00	5.4E+00			8.8E+00	8.8E+00	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	4.9E+03	1.4E+09	1.3E+04	Nitropropane, 2-	79-46-9			1.4E-02	1.4E-02			2.7E+01	2.7E+01	
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitroso-N-ethylurea, N-	759-73-9	5.7E-03	2.2E-02	1.8E+02	4.5E-03					
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitroso-N-methylurea, N-	684-93-5	1.3E-03	5.0E-03	4.1E+01	1.0E-03					
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09	2.4E+05		Nitroso-di-N-butylamine, N-	924-16-3	1.3E-01		4.3E-01	9.9E-02					
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitroso-di-N-propylamine, N-	621-64-7	9.9E-02	3.5E-01	1.9E+03	7.8E-02					
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09			Nitrosodiethanolamine, N-	1116-54-7	2.5E-01	8.8E-01	4.8E+03	1.9E-01					
2.0E-02	P			4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-0														



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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1				
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y <sup>-1</sup> )	IUR (ug/m <sup>3</sup> -y <sup>-1</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y <sup>-1</sup> )	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y <sup>-1</sup> )	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
				3.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Octabromodiphenyl Ether	32536-52-0					2.3E+01	9.9E+01		1.9E+01
				5.0E-02	I				1.0E+00	6.0E-03		1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					3.9E+02	2.7E+04		3.9E+02
				2.0E-03	H				1.0E+00	1.0E-01		1.4E+09		Octamethylpyrophosphoramide	152-16-9					1.6E+01	6.6E+01		1.3E+01
				5.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Oryzalin	19044-88-3					3.9E+02	1.6E+03		3.2E+02
				5.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Oxadiazon	19666-30-9					3.9E+01	1.6E+02		3.2E+01
				2.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Oxamyl	23135-22-0					2.0E+02	8.2E+02		1.6E+02
				1.3E-02	I				1.0E+00	1.0E-01		1.4E+09		Paclobutrazol	76738-62-0					1.0E+02	4.3E+02		8.2E+01
				4.5E-03	I				1.0E+00	1.0E-01		1.4E+09		Paraquat Dichloride	1910-42-5					3.5E+01	1.5E+02		2.8E+01
				6.0E-03	H				1.0E+00	1.0E-01		1.4E+09		Parathion	56-38-2					4.7E+01	2.0E+02		3.8E+01
				5.0E-02	H		V		1.0E+00			4.5E+04		Pebulate	1114-71-2					3.9E+02			3.9E+02
				4.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Pendimethalin	40487-42-1					3.1E+02	1.3E+03		2.5E+02
				2.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					1.6E+01	6.6E+01		1.3E+01
				1.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9					7.8E+01	3.3E+00		6.3E-01
				8.0E-04	I		V		1.0E+00		4.5E+02	1.4E+09	8.1E+04	Pentachlorobenzene	608-93-5					6.3E+00			6.3E+00
9.0E-02	P						V		1.0E+00		4.5E+02	1.4E+09	9.7E+03	Pentachloroethane	76-01-7	7.7E+00			7.7E+00				
2.6E-01	H			3.0E-03	I		V		1.0E+00		4.3E+05	1.4E+09	4.3E+05	Pentachloronitrobenzene	82-68-8	2.7E+00			2.7E+00				2.3E+01
4.0E-01	I	5.1E-06	C	5.0E-03	I				1.0E+00	2.5E-01		1.4E+09		Pentachlorophenol	87-86-5	1.7E+00	2.5E+00	7.5E+05	1.0E+00	3.9E+01	6.6E+01		2.5E+01
4.0E-03	X			2.0E-03	P		V		1.0E+00	1.0E-01	3.9E+02	1.4E+09	7.8E+02	Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02		1.4E+02	1.6E+01	6.6E+01		1.3E+01
					I				1.0E+00	1.0E-01		7.8E+02		Pentane, n-	109-66-0							8.1E+01	8.1E+01
					I				1.0E+00			1.4E+09		<b>Perchlorates</b>									
				7.0E-04	I				1.0E+00			1.4E+09		--Ammonium Perchlorate	7790-98-9					5.5E+00			5.5E+00
				7.0E-04	I				1.0E+00			1.4E+09		--Lithium Perchlorate	7791-03-9					5.5E+00			5.5E+00
				7.0E-04	I				1.0E+00			1.4E+09		--Perchlorate and Perchlorate Salts	14797-73-0					5.5E+00			5.5E+00
				7.0E-04	I				1.0E+00			1.4E+09		--Potassium Perchlorate	7778-74-7					5.5E+00			5.5E+00
				7.0E-04	I				1.0E+00			1.4E+09		--Sodium Perchlorate	7601-89-0					5.5E+00			5.5E+00
				2.0E-02	P		V		1.0E+00		1.3E+05	1.4E+09	1.3E+05	Pertolubutane Sulfonate	375-73-5					1.6E+02			1.6E+02
2.2E-03	C	6.3E-07	C	5.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Permethrin	52645-53-1	3.2E+02	1.1E+03	6.1E+06	2.5E+02	3.9E+02	1.6E+03		3.2E+02
				2.5E-01	I				1.0E+00	1.0E-01		1.4E+09		Phenmedipham	13684-83-4					2.0E+03	8.2E+03		1.6E+03
				3.0E-01	I	2.0E-01	C		1.0E+00	1.0E-01		1.4E+09		Phenol	108-95-2					2.3E+03	9.9E+03	2.8E+07	1.9E+03
				5.0E-04	X				1.0E+00	1.0E-01		1.4E+09		Phenothiazine	92-84-2					3.9E+00	1.6E+01		3.2E+00
				6.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Phenylenedamine, m-	108-45-2					4.7E+01	2.0E+02		3.8E+01
				1.9E-01	H				1.0E+00	1.0E-01		1.4E+09		Phenylenedamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01	1.5E+03	6.3E+03		1.2E+03
				1.9E-03	H				1.0E+00	1.0E-01		1.4E+09		Phenylenedamine, p-	106-50-3					1.5E+03	6.3E+03		1.2E+03
				2.0E-04	H				1.0E+00	1.0E-01	1.6E+03	1.4E+09	9.8E+02	Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03		2.8E+02	1.6E+00	6.6E+00		1.3E+00
				3.0E-04	I	V			1.0E+00			1.4E+09		Phorate	298-02-2							3.1E-02	3.1E-02
				2.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Phosgene	75-44-5								
					I				1.0E+00	1.0E-01		1.4E+09		Phosmet	732-11-6					1.6E+02	6.6E+02		1.3E+02
					P				1.0E+00			1.4E+09		<b>Phosphates, Inorganic</b>									
				4.9E+01	P				1.0E+00			1.4E+09		--Aluminum metaphosphate	13176-88-0					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Ammonium polyphosphate	68333-79-9					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Calcium pyrophosphate	7790-76-3					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Liammonum phosphate	1783-28-0					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Dicalcium phosphate	7757-93-0					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Dimagnesium phosphate	7782-75-4					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Dipotassium phosphate	7758-11-4					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Disodium phosphate	7558-79-4					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Monoaluminum phosphate	13530-50-2					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Monoammonium phosphate	7722-76-1					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Monocalcium phosphate	7758-23-8					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Monomagnesium phosphate	7757-86-0					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Monopotassium phosphate	7778-77-0					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Monosodium phosphate	7558-80-7					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Polyphosphoric acid	8017-16-1					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Potassium triphosphate	13845-36-8					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Sodium acid pyrophosphate	7758-16-9					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+05			3.8E+05
				4.9E+01	P				1.0E+00			1.4E+09		--Sodium hexametaphosphate	10124-56-8					3.8E+05			3

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day) <sup>-1</sup>	k e IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k e RfD <sub>o</sub> (mg/kg-day)	k e RfC <sub>i</sub> (mg/m <sup>3</sup> )	k e v o m u t a g e n	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)			
		4.9E+01	P		1.0E+00			1.4E+09		~Tetrasodium pyrophosphate	7722-88-5					3.8E+05			3.8E+05			
		4.9E+01	P		1.0E+00			1.4E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+05			3.8E+05			
		4.9E+01	P		1.0E+00			1.4E+09		~Tricalcium phosphate	7758-87-4					3.8E+05			3.8E+05			
		4.9E+01	P		1.0E+00			1.4E+09		~Trimagnesium phosphate	7757-87-1					3.8E+05			3.8E+05			
		4.9E+01	P		1.0E+00			1.4E+09		~Tripotassium phosphate	7778-53-2					3.8E+05			3.8E+05			
		4.9E+01	P		1.0E+00			1.4E+09		~Trisodium phosphate	7601-54-9					3.8E+05			3.8E+05			
		3.0E-04	I	3.0E-04	I	V		1.0E+00		Phosphine	7803-51-2					2.3E+00		4.3E+04	2.3E+00			
		4.9E+01	P	1.0E-02	I			1.0E+00		Phosphoric Acid	7664-38-2					3.8E+05		1.4E+06	3.0E+05			
		2.0E-05	I		V			1.0E+00	6.9E+03	Phosphorus, White	7723-14-0					1.6E-01			1.6E-01			
										<b>Phthalates</b>												
1.4E-02	I	2.4E-06	C	2.0E-02	I			1.0E+00	1.0E-01	~Bis(2-ethylhexyl)phthalate	117-81-7	5.0E+01	1.8E+02	1.6E+06	3.9E+01	1.6E+02	6.6E+02		1.3E+02			
				1.0E+00	I			1.0E+00	1.0E-01	~Butylphthalyl Butylglycolate	85-70-1					7.8E+03	3.3E+04		6.3E+03			
				1.0E-01	I			1.0E+00	1.0E-01	~Dibutyl Phthalate	84-74-2					7.8E+02	3.3E+03		6.3E+02			
				8.0E-01	I			1.0E+00	1.0E-01	~Diethyl Phthalate	84-66-2					6.3E+03	2.6E+04		5.1E+03			
				1.0E-01	I	V		1.0E+00	2.1E+04	~Dimethylterephthalate	120-61-6					7.8E+02			7.8E+02			
				1.0E-02	P			1.0E+00	1.0E-01	~Octyl Phthalate, di-N-	117-84-0					7.8E+01	3.3E+02		6.3E+01			
				1.0E+00	H			1.0E+00	1.0E-01	~Phthalic Acid, P-	100-21-0					7.8E+03	3.3E+04		6.3E+03			
				2.0E+00	I	2.0E-02	C		1.0E+00	~Phthalic Anhydride	85-44-9					1.6E+04	6.6E+04	2.8E+06	1.3E+04			
				7.0E-02	I			1.0E+00	1.0E-01	Picloram	1918-02-1					5.5E+02	2.3E+03		4.4E+02			
				1.0E-04	X			1.0E+00	1.0E-01	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E+01	3.3E+00		6.3E-01			
				1.0E-02	I			1.0E+00	1.0E-01	Pirimphos, Methyl	29232-93-7					7.8E+01	3.3E+02		6.3E+01			
3.0E+01	C	8.6E-03	C	7.0E-06	H			1.0E+00	1.0E-01	Polybrominated Biphenyls	59536-65-1	2.3E-02	8.2E-02	4.4E+02	1.8E-02	5.5E-02	2.3E-01		4.4E-02			
										<b>Polychlorinated Biphenyls (PCBs)</b>												
7.0E-02	S	2.0E-05	S	7.0E-05	I	V		1.0E+00	1.4E-01	~Aroclor 1016	12674-11-2	9.9E+00	2.5E+01	8.2E+01	6.6E+00	5.5E-01	1.6E+00		4.1E-01			
2.0E+00	S	5.7E-04	S		V			1.0E+00	1.1E+05	~Aroclor 1221	11104-28-2	3.5E-01	8.8E-01	5.6E-01	1.7E-01							
2.0E+00	S	5.7E-04	S		V			1.0E+00	1.1E+05	~Aroclor 1232	11141-16-5	3.5E-01	8.8E-01	5.5E-01	1.7E-01							
2.0E+00	S	5.7E-04	S		V			1.0E+00	1.4E+09	~Aroclor 1242	93469-21-9	3.5E-01	8.8E-01	3.9E+00	2.3E-01							
2.0E+00	S	5.7E-04	S		V			1.0E+00	1.4E+09	~Aroclor 1248	12672-29-6	3.5E-01	8.8E-01	2.5E+00	2.3E-01							
2.0E+00	S	5.7E-04	S	2.0E-05	I	V		1.0E+00	1.4E+01	~Aroclor 1254	11097-69-1	3.5E-01	8.8E-01	4.1E+00	2.4E-01	1.6E-01	4.7E-01		1.2E-01			
2.0E+00	S	5.7E-04	S		V			1.0E+00	1.4E+01	~Aroclor 1260	11096-82-5	3.5E-01	8.8E-01	6.5E+00	2.4E-01							
				6.0E-04	X	V		1.0E+00	1.4E-01	~Aroclor 5460	11126-42-4	1.8E-01	4.5E-01	5.0E+00	1.2E-01	4.7E+00	1.4E+01		3.5E+00			
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Heptachlorobiphenyl, 2,3,3',4,4',5,5' (PCB 189)	39635-31-9	1.8E-01	4.5E-01	3.5E+00	1.2E-01	1.8E-01	5.5E-01	2.8E+02	1.4E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Hexachlorobiphenyl, 2,3',4,4',5,5' (PCB 167)	52663-72-6	1.8E-01	4.5E-01	3.5E+00	1.2E-01	1.8E-01	5.5E-01	2.0E+02	1.4E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Hexachlorobiphenyl, 2,3,3',4,4',5' (PCB 157)	69782-90-7	1.8E-01	4.5E-01	3.6E+00	1.2E-01	1.8E-01	5.5E-01	2.0E+02	1.4E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Hexachlorobiphenyl, 2,3,3',4,4',5 (PCB 156)	38380-08-4	1.8E-01	4.5E-01	3.8E+00	1.2E-01	1.8E-01	5.5E-01	2.1E+02	1.4E-01		
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V	1.0E+00	1.4E+09	~Hexachlorobiphenyl, 3,8',4,4',5,5' (PCB 169)	32774-16-6	1.8E-04	4.5E-04	3.5E-03	1.2E-04	1.8E-04	5.5E-04	2.0E-01	1.4E-04		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.8E-01	4.5E-01	2.5E+00	1.2E-01	1.8E-01	5.5E-01	1.4E+02	1.4E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.8E-01	4.5E-01	2.0E+00	1.2E-01	1.8E-01	5.5E-01	1.2E+02	1.4E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.8E-01	4.5E-01	2.1E+00	1.2E-01	1.8E-01	5.5E-01	1.2E+02	1.4E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E+09	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.8E-01	4.5E-01	2.5E+00	1.2E-01	1.8E-01	5.5E-01	1.4E+02	1.4E-01		
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	1.0E+00	1.4E+09	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	5.3E-05	1.4E-04	7.5E-04	3.7E-05	5.5E-05	1.6E-04	4.3E-02	4.1E-05		
2.0E+00	I	5.7E-04	I		V			1.0E+00	1.4E-01	~Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E-01	8.8E-01	3.9E+00	2.3E-01							
4.0E-01	I	1.0E-04	I		V			1.0E+00	1.4E-01	~Polychlorinated Biphenyls (low risk)	1336-36-3											
7.0E-02	I	2.0E-05	I		V			1.0E+00	1.4E-01	~Polychlorinated Biphenyls (lowest risk)	1336-36-3											
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V	1.0E+00	1.4E+09	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	5.3E-02	1.4E-01	1.0E+03	3.8E-02	5.5E-02	1.6E-01	5.7E+04	4.1E-02		
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V	1.0E+00	1.4E+09	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.8E-02	4.5E-02	1.8E-01	1.2E-02	1.8E-02	5.5E-02	1.0E+01	1.4E-02		
				6.0E-04	I			1.0E+00	1.0E-01	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.5E+04	8.5E+04			
										<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>												
				6.0E-02	I	V		1.0E+00	1.3E-01	~Acenaphthene	83-32-9					4.7E+02	1.5E+03		3.6E+02			
				3.0E-01	I	V		1.0E+00	1.3E-01	~Anthracene	120-12-7					2.3E+03	7.6E+03		1.8E+03			
7.3E-01	E	1.1E-04	C		V	M		1.0E+00	1.3E-01	~Benzo[a]anthracene	56-55-3	2.1E-01	6.3E-01	4.1E+01	1.6E-01							
1.2E+00	C	1.1E-04	C		V			1.0E+00	1.3E-01	~Benzo[j]fluoranthene	205-82-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01							
7.3E+00	I	1.1E-03	C		M			1.0E+00	1.3E-01	~Benzo[a]pyrene	50-32-8	2.1E-02	6.3E-02	1.3E+03	1.6E-02							
7.3E-01	E	1.1E-04	C		M			1.0E+00	1.3E-01	~Benzo[b]fluoranthene	205-99-2	2.1E-01	6.3E-01	1.3E+04	1.6E-01							
7.3E-02	E	1.1E-04	C		M			1.0E+00	1.3E-01	~Benzo[k]fluoranthene	207-08-9	2.1E+00	6.3E+00	1.3E+04	1.6E+00							
7.3E-03	E	1.1E-05	C	8.0E-02	I	V		1.0E+00	1.3E-01	~Chloronaphthalene, Beta-	91-58-7					6.3E+02	2.0E+03		4.8E+02			
					M			1.0E+00	1.3E-01	~Chrysene	218-01-9	2.1E+01	6.3E+01	1.3E+05	1.6E+01							
7.3E+00	E	1.2E-03	C		M			1.0E+00	1.3E-01	~Dibenz[a,h]anthracene	53-70-3	2.1E-02	6.3E-02	1.1E+03	1.6E-02							
1.2E+01	C	1.1E-03	C		M</																	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1						
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	v	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
		3.4E-05	C	4.0E-03 2.0E-02	I V	3.0E-03	I V			1.0E+00 1.3E-01	1.3E-01	1.4E+09	5.8E+04	4.6E+04	-Methylnaphthalene, 2- Naphthalene	91-57-6 91-20-3			3.8E+00	3.8E+00	3.1E+01 1.6E+02	1.0E+02 5.1E+02	1.4E+01	2.4E+01 1.3E+01	
1.2E+00	C	1.1E-04	C	3.0E-02 2.0E-02	I P		V			1.0E+00 1.3E-01	1.3E-01	1.4E+09	2.4E+06	1.4E+09	-Nitropyrene, 4- Pyrene Potassium Perfluorobutane Sulfonate	57835-92-4 129-00-0 29420-49-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01	2.3E+02 1.6E+02	7.6E+02 6.6E+02		1.8E+02 1.3E+02	
1.5E-01	I			9.0E-03 6.0E-03 1.5E-02	I H I		V			1.0E+00 1.0E-01	1.0E-01	1.4E+09	4.2E+05	1.4E+09	Prochloraz Profluralin Prometon	67747-09-5 26399-36-0 1610-18-0	4.6E+00	1.6E+01		3.6E+00	7.0E+01 4.7E+01 1.2E+02	3.0E+02		5.7E+01 4.7E+01 9.5E+01	
				4.0E-03 1.3E-02 5.0E-03	I I I					1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Prometryn Propachlor Propanil	7287-19-6 1918-16-7 709-98-8					3.1E+01 1.0E+02 3.9E+01	1.3E+02 4.3E+02 1.6E+02		2.5E+01 8.2E+01 3.2E+01	
				2.0E-02 2.0E-03 2.0E-02	I I I		V			1.0E+00 1.0E-01	1.0E-01	1.1E+05	6.3E+04	1.4E+09	Propargite Propargyl Alcohol Propazine	2312-35-8 107-19-7 139-40-2					1.6E+02 1.6E+01 1.6E+02	6.6E+02		1.3E+02 1.6E+01 1.3E+02	
				2.0E-02 1.3E-02	I I					1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Propam Propiconazole	122-42-9 60207-90-1					1.6E+02 1.0E+02	6.6E+02 4.3E+02		1.3E+02 8.2E+01	
				8.0E-03	I	V				1.0E+00	3.3E+04	1.4E+09	8.9E+03	1.4E+09	Propionaldehyde	123-38-6						7.5E+00		7.5E+00	
				1.0E-01 3.0E+00	X C	V V				1.0E+00 1.0E-01	2.6E+02 3.5E+02	1.4E+09	7.0E+03	7.0E+02	Propyl benzene Propylene Propylene Glycol	103-65-1 115-07-1 57-55-6					7.8E+02 1.6E+05		7.3E+02 2.2E+02	3.8E+02 1.3E+05	
				2.7E-04 7.0E-01 7.0E-01	A H H	V V I				1.0E+00 1.0E-01	1.0E+00	8.5E+04	1.6E+05	1.4E+09	Propylene Glycol Dinitrate Propylene Glycol Monoethyl Ether Propylene Glycol Monomethyl Ether	6423-43-4 1569-02-4 107-98-2					5.5E+03 5.5E+03	6.6E+05		3.9E+04 5.5E+03 4.1E+03	
2.4E-01	I	3.7E-06	I	3.0E-02	I	V				1.0E+00	7.8E+04	1.4E+09	1.0E+04	1.4E+09	Propylene Oxide	75-56-9	2.9E+00		7.8E+00	2.1E+00			3.2E+01	3.2E+01	
				2.5E-01 2.5E-02	I I					1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Pursuit Pydin	81335-77-5 51630-58-1					2.0E+03 2.0E+02	8.2E+03 8.2E+02		1.6E+03 1.6E+02	
				1.0E-03 5.0E-04	I I		V			1.0E+00	5.3E+05	1.4E+09	5.5E+04	1.4E+09	Pyridine Quinalphos Quinone	110-86-1 3593-03-8 91-22-3				1.8E-01	7.8E+00 3.9E+00	1.6E+01		7.8E+00 3.2E+00	
3.0E+00	I			3.0E-02	A					1.0E+00	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Refractory Ceramic Fibers Resmethrin Ronnel	NA 10453-86-8 299-84-3					2.3E-01	8.2E-01		4.3E+06 1.9E+02 3.9E+02	
				4.0E-03 2.5E-02	I I			M		1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Rotenone Safrole Savex	83-79-4 94-59-7 78587-05-0	7.0E-01	2.7E+00	2.2E+04	5.5E-01	3.1E+01 2.0E+02	1.3E+02		2.5E+01 1.6E+02	
				5.0E-03 5.0E-03 5.0E-03	I I C	2.0E-02 2.0E-02	C			1.0E+00 1.0E+00	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Selenious Acid Selenium Selenium Sulfide	7783-00-8 7782-49-2 7446-34-6					3.9E+01 3.9E+01 3.9E+01		2.8E+06 2.8E+06	3.9E+01 3.9E+01	
				9.0E-02 5.0E-03	I I	3.0E-03	C			1.0E+00 4.0E-02	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Sethoxydim Silica (crystalline, respirable) Silver	74051-80-2 7631-86-9 7440-22-4					7.0E+02 3.9E+01	3.0E+03	4.3E+05	5.7E+02 4.3E+05 3.9E+01	
1.2E-01	H			5.0E-03 1.3E-02 4.0E-03	I I I					1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Simazine Sodium Acifluorfen Sodium Azide	122-34-9 62476-59-9 26628-22-8	5.8E+00	2.1E+01		4.5E+00	3.9E+01 1.0E+02 3.1E+01	1.6E+02 4.3E+02		3.2E+01 8.2E+01 3.1E+01	
5.0E-01	C	1.5E-01	C	2.0E-02 3.0E-02 5.0E-02	C I A	2.0E-04 2.0E-04	C	M		2.5E-02 1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Sodium Dichromate Sodium Diethylthiocarbamate Sodium Fluoride	10588-01-9 148-18-5 7681-49-4	3.1E-01 2.6E+00		9.2E+00	3.0E-01 2.0E+00	1.6E+02 2.3E+02 3.9E+02	2.8E+04 9.9E+02	1.8E+06	1.6E+02 1.9E+02 3.9E+02	
				2.0E-05 1.0E-03 3.0E-02	I H I					1.0E+00 1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Sodium Fluoroacetate Sodium Metavanadate Stirofos (Tetrachlorovinphos)	62-74-8 13718-26-8 961-11-5			1.0E+02	2.3E+01	1.6E-01 7.8E+00 2.3E+02	6.6E-01		9.9E+02	1.3E-01 7.8E+00 1.9E+02
5.0E-01	C	1.5E-01	C	2.0E-02 6.0E-01 3.0E-04	C I I	2.0E-04 2.0E-04	C	M		2.5E-02 1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Strontium Chromate Strontium, Stable Strychnine	7789-06-2 7440-24-6 57-24-9	3.1E-01		9.2E+00	3.0E-01	1.6E+02 4.7E+03 2.3E+00	2.8E+04		1.6E+02 4.7E+03 1.9E+00	
				2.0E-01 3.0E-03 1.0E-03	I P P	1.0E+00 2.0E-03	I X			1.0E+00 1.0E-01	8.7E+02	1.4E+09	9.4E+03	1.4E+09	Styrene Styrene-Acrylonitrile (SAN) Trimer Sulfolane	100-42-5 NA 126-33-0					1.6E+03 2.3E+01 7.8E+00	9.7E+02		6.0E+02 1.9E+01 6.3E+00	
				8.0E-04	P					1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Sulfonilbis(4-chlorobenzene), 1,1'- Sulfur Trioxide Sulfuric Acid	80-07-9 7446-11-9 7664-93-9					6.3E+00	2.6E+01		5.1E+00 1.4E+05 1.4E+05	
				2.5E-02 3.0E-02 7.0E-02	I H I					1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Systhane TCMTB Tebuthiuron	88671-89-0 21564-17-0 34014-18-1					2.0E+02 2.3E+02 5.5E+02	8.2E+02 9.9E+02		1.6E+02 1.9E+02 4.4E+02	
				2.0E-02 1.3E-02	H I					1.0E+00 1.0E-01	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Temphos Terbacil	3383-96-8 5902-51-2					1.6E+02 1.0E+02	6.6E+02 4.3E+02		1.3E+02 8.2E+01	

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k <sub>e</sub> (y)	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y)	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y)	muta-gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
				2.5E-05	H		V		1.0E+00		3.1E+01	1.4E+09	2.6E+05	Terbutolol	13071-79-9					2.0E-01				2.0E-01
				1.0E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Terbutryn	886-50-0					7.8E+00	3.3E+01			6.3E+00
				1.0E-04	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					7.8E-01	3.3E+00			6.3E-01
				3.0E-04	I		V		1.0E+00		1.4E+09	5.1E+04	1.4E+09	Tetrachlorobenzene, 1,2,4,5-	95-94-3					2.3E+00				2.3E+00
2.6E-02	I	7.4E-06	I	3.0E-02	I		V		1.0E+00		6.8E+02	1.4E+09	5.7E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	2.7E+01		2.2E+00	2.0E+00	2.3E+02				2.3E+02
2.0E-01	I	5.8E-05	C	2.0E-02	I		V		1.0E+00		1.9E+03	1.4E+09	1.5E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	3.5E+00		7.3E-01	6.0E-01	1.6E+02				1.6E+02
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V	1.0E+00		1.7E+02	1.4E+09	2.4E+03	Tetrachloroethylene	127-18-4	3.3E+02		2.5E+01	2.4E+01	4.7E+01		9.8E+00		8.1E+00
2.0E+01	H			3.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tetrachlorophenol, 2,3,4,6-	58-90-2				3.5E-02	2.3E+02	9.9E+02			1.9E+02
				5.0E-04	I		V		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.1E+05	Tetrachlorotoluene, p- alpha, alpha-Tetraethyl Dithiopyrophosphate	5216-25-1 3689-24-5	3.5E-02			3.5E-02	3.9E+00	1.6E+01			3.2E+00
				8.0E+01	I	V			1.0E+00		1.1E+03	1.4E+09	1.2E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2					2.3E+02	9.9E+02	1.0E+04		1.0E+04
				2.0E-03	P				1.0E+00	6.5E-04	1.4E+09	1.4E+09	1.4E+09	Tetryl (Trinitrophenylmethyl)nitramine	479-45-8					1.6E+01	1.0E+04			1.6E+01
				7.0E-06	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium (I) Nitrate	10102-45-1					5.5E-02				5.5E-02
				1.0E-05	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium (Soluble Salts)	7440-28-0					7.8E-02				7.8E-02
				6.0E-06	X		V		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thallium Acetate	563-68-8					4.7E-02	2.0E-01			3.8E-02
				2.0E-05	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thallium Carbonate	6533-73-9					1.6E-01	6.6E-01			1.3E-01
				6.0E-06	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium Chloride	7791-12-0					4.7E-02				4.7E-02
				2.0E-05	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium Sulfate	7446-18-6					1.6E-01				1.6E-01
				1.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiocarb	28249-77-6					7.8E+01	3.3E+02			6.3E+01
				7.0E-02	X				1.0E+00	7.5E-03	1.4E+09	1.4E+09	1.4E+09	Thiodiglycol	111-48-8					5.5E+02	3.1E+04			5.4E+02
				3.0E-04	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiofanox	39196-18-4					2.3E+00	9.9E+00			1.9E+00
				8.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiophanate, Methyl	23564-05-8					6.3E+02	2.6E+03			5.1E+02
				5.0E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiram	137-26-8					3.9E+01	1.6E+02			3.2E+01
				6.0E-01	H				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Tin	7440-31-5					4.7E+03				4.7E+03
				1.0E-04	A	V			1.0E+00		1.4E+09	1.4E+09	1.4E+09	Titanium Tetrachloride	7550-45-0							1.4E+04		1.4E+04
1.8E-01	X			8.0E-02	I	5.0E+00	I	V	1.0E+00		8.2E+02	1.4E+09	4.3E+03	Toluene	108-88-3					6.3E+02		2.2E+03		4.9E+02
3.0E-02	P			2.0E-04	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Toluene, 2,5-diamine	95-70-5	3.9E+00	1.4E+01		3.0E+00	1.6E+00	6.6E+00			1.3E+00
				4.0E-03	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Toluidine, p-	106-49-0	2.3E+01	8.2E+01		1.8E+01	3.1E+01	1.3E+02			2.5E+01
				3.0E+00	P		V		1.0E+00		3.4E-01	1.4E+09	1.1E+03	Total Petroleum Hydrocarbons (Aliphatic High)	NA					2.3E+04				2.3E+04
				6.0E-01	P	V			1.0E+00		1.4E+02	1.4E+09	8.3E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							5.2E+01		5.2E+01
				1.0E-02	X	1.0E-01	P	V	1.0E+00		6.9E+00	1.4E+09	1.0E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					7.8E+01		1.1E+01		9.6E+00
				4.0E-02	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Total Petroleum Hydrocarbons (Aromatic High)	NA					3.1E+02	1.3E+03			2.5E+02
				4.0E-03	P	3.0E-02	P	V	1.0E+00		1.8E+03	1.4E+09	3.5E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA					3.1E+01		1.1E+01		8.2E+00
				4.0E-03	P	3.0E-03	P	V	1.0E+00		1.4E+09	5.2E+04	1.4E+09	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					3.1E+01		1.6E+01		1.1E+01
1.1E+00	I	3.2E-04	I						1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Toxaphene	8001-35-2	6.3E-01	2.2E+00	1.2E+04	4.9E-01	5.9E+01	2.5E+02			4.7E+01
				7.5E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tralometrin	68841-25-6					2.3E+00				2.3E+00
				3.0E-04	A		V		1.0E+00		1.4E+09	3.4E+03	1.4E+09	Tri-n-butyltin	688-73-3					2.3E+00	3.3E+02			1.9E+00
				8.0E+01	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Triacetin	102-76-1					6.3E+05	2.6E+06			5.1E+05
				1.3E-02	I		V		1.0E+00		1.4E+09	3.6E+05	1.4E+09	Triallate	2303-17-5					1.0E+02				1.0E+02
				1.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Triasulfuron	8209-50-5					7.8E+01	3.3E+02			6.3E+01
9.0E-03	P			5.0E-03	I		V		1.0E+00		1.4E+09	4.5E+04	1.4E+09	Tribromobenzene, 1,2,4-	615-54-3	7.7E+01	2.7E+02		6.0E+01	3.9E+01				3.9E+01
				1.0E-02	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tributyl Phosphate	126-73-8					7.8E+01	3.3E+02			6.3E+01
				3.0E-04	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tributyltin Compounds	NA					2.3E+00	9.9E+00			1.9E+00
				3.0E-04	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tributyltin Oxide	56-35-9					2.3E+00	9.9E+00			1.9E+00
7.0E-02	I			3.0E+01	I	3.0E+01	H	V	1.0E+00		9.1E+02	1.4E+09	1.3E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	9.9E+00	3.5E+01		7.8E+00	2.3E+05		4.0E+03		4.0E+03
				2.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Trichloroacetic Acid	76-03-9	9.9E+00	3.5E+01		7.8E+00	1.6E+02	6.6E+02			1.3E+02
2.9E-02	H								1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.4E+01	8.5E+01		1.9E+01	2.3E-01	9.9E-01			1.9E-01
7.0E-03	X			3.0E-05	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	6.3E+00				6.3E+00
				8.0E-04	X		V		1.0E+00		1.4E+09	3.2E+04	1.4E+09	Trichlorobenzene, 1,2,3-	87-61-6					2.3E-01				6.3E+00
2.9E-02	P			1.0E-02	I	2.0E-03	P	V	1.0E+00		4.0E+02	1.4E+09	3.0E+04	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01			2.4E+01	7.8E+01		6.2E+00		5.8E+00
				2.0E+00	I	5.0E+00	I	V	1.0E+00		6.4E+02	1.4E+09	1.7E+03	Trichloroethane, 1,1,1-	71-55-6					1.6E+04		8.6E+02		8.1E+02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V	1.0E+00		2.2E+03	1.4E+09	7.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.2E+01		1.3E+00	1.1E+00	3.1E+01		1.5E-		

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; \* = where n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	v <sub>o</sub>	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /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 Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
7.7E-03	I			2.0E+00	P					1.0E+00	1.0E-01		1.4E+09		Triethylene Glycol	112-27-6					1.6E+04	6.6E+04		1.3E+04
2.0E-02	P			7.5E-03	I					1.0E+00	1.0E-01		1.4E+09		Trifluralin	1582-09-8	9.0E+01			9.0E+01	5.9E+01		5.9E+01	
				1.0E-02	P					1.0E+00	1.0E-01		1.4E+09		Trimethyl Phosphate	512-56-1	3.5E+01	1.2E+02		2.7E+01	7.8E+01	3.3E+02		6.3E+01
				5.0E-03	P	V				1.0E+00		2.9E+02	1.4E+09	9.4E+03	Trimethylbenzene, 1,2,3-	526-73-8							4.9E+00	4.9E+00
				7.0E-03	P	V				1.0E+00		2.2E+02	1.4E+09	7.9E+03	Trimethylbenzene, 1,2,4-	95-63-6							5.8E+00	5.8E+00
				1.0E-02	X					1.0E+00		1.8E+02	1.4E+09	6.6E+03	Triethylbenzene, 1,3,5-	108-87-8					7.8E+01			7.8E+01
3.0E-02	I			3.0E-02	I					1.0E+00	1.9E-02		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4				2.1E+01	2.3E+02	5.2E+03		2.2E+02
				5.0E-04	I					1.0E+00	3.2E-02		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	2.3E+01	2.6E+02			3.9E+00	5.2E+01		3.6E+00
				2.0E-02	P					1.0E+00	1.0E-01		1.4E+09		Triphenylphosphine Oxide	791-28-6					1.6E+02	6.6E+02		1.3E+02
				2.0E-02	A					1.0E+00	1.0E-01		1.4E+09		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.6E+02	6.6E+02		1.3E+02
2.3E+00	C	6.6E-04	C	1.0E-02	X					1.0E+00	1.0E-01	4.7E+02	1.4E+09	9.0E+05	Tris(1-chloro-2-propyl)phosphate	13674-84-5	3.0E-01		3.8E+00	2.8E-01	7.8E+01	3.3E+02		6.3E+01
				7.0E-03	P					1.0E+00	1.0E-01		1.4E+09		Tris(2-chloroethyl)phosphate	115-96-8	3.5E+01	1.2E+02		2.7E+01	5.5E+01	2.3E+02		4.4E+01
3.2E-03	P			1.0E-01	P					1.0E+00	1.0E-01		1.4E+09		Tris(2-ethylhexyl)phosphate	78-42-2	2.2E+02	7.7E+02		1.7E+02	7.8E+02	3.3E+03		6.3E+02
				3.0E-03	I	4.0E-05	A			1.0E+00			1.4E+09		Uranium (Soluble Salts)	NA					2.3E+01		5.7E+03	2.3E+01
1.0E+00	C	2.9E-04	C	8.3E-03	P				M	1.0E+00	1.0E-01		1.4E+09		Urethane	51-79-6	1.5E-01	6.0E-01	4.8E+03	1.2E-01				
				9.0E-03	I	7.0E-06	P			2.6E-02		1.4E+09			Vanadium Pentoxide	1314-62-1			4.6E+02	4.6E+02	7.0E+01		9.9E+02	6.6E+01
				5.0E-03	S	1.0E-04	A			2.6E-02		1.4E+09			Vanadium and Compounds	7440-62-2					3.9E+01	1.4E+04		3.9E+01
				1.0E-03	I					1.0E+00		1.4E+09	1.2E+05		Vermolate	1929-77-7					7.8E+00			7.8E+00
				2.5E-02	I					1.0E+00	1.0E-01		1.4E+09		Vincolzolin	50471-44-8					2.0E+02	8.2E+02		1.6E+02
				1.0E+00	H	2.0E-01	I	V		1.0E+00		2.8E+03	1.4E+09	4.4E+03	Vinyl Acetate	108-05-4					7.8E+03		9.2E+01	9.1E+01
				3.2E-05	H					1.0E+00		3.4E+03	1.4E+09	1.4E+03	Vinyl Bromide	593-60-2			1.2E-01	1.2E-01			4.3E-01	4.3E-01
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.0E+00		3.9E+03	1.4E+09	9.6E+02	Vinyl Chloride	75-01-4	9.4E-02		1.6E-01	5.9E-02	2.3E+01		1.0E+01	7.0E+00
				3.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Warfarin	81-81-2					2.3E+00	9.9E+00		1.9E+00
				2.0E-01	S	1.0E-01	S	V		1.0E+00		3.9E+02	1.4E+09	5.6E+03	Xylene, p-	106-42-3					1.6E+03		5.8E+01	5.6E+01
				2.0E-01	S	1.0E-01	S	V		1.0E+00		3.9E+02	1.4E+09	5.5E+03	Xylene, m-	108-38-3					1.6E+03		5.7E+01	5.5E+01
				2.0E-01	S	1.0E-01	S	V		1.0E+00		4.3E+02	1.4E+09	6.5E+03	Xylene, o-	95-47-6					1.6E+03		6.7E+01	6.5E+01
				2.0E-01	I	1.0E-01	I	V		1.0E+00		2.6E+02	1.4E+09	6.5E+03	Xylenes	1330-20-7					1.6E+03		6.8E+01	6.5E+01
				3.0E-04	I					1.0E+00		1.4E+09			Zinc Phosphide	1314-84-7					2.3E+00			2.3E+00
				3.0E-01	I					1.0E+00		1.4E+09			Zinc and Compounds	7440-66-6					2.3E+03			2.3E+03
				5.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Zineb	12122-67-7					3.9E+02	1.6E+03		3.2E+02
				8.0E-05	X					1.0E+00		1.4E+09			Zirconium	7440-67-7					6.3E-01			6.3E-01