

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information												Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 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>a</sub> (mg/kg-day)	RfC <sub>a</sub> (mg/m <sup>3</sup> -y)	R <sub>10</sub> (y)	RTU (y)	muta- gen	C <sub>sat</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	GI/ABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
8.7E-03		2.2E-06	I	4.0E-03					1.4E+09	1.4E+09	8.7E+03	1	0.1	Acephate	30560-19-1	3.8E+02	8.9E+02	4.9E+01	2.6E+02	4.7E+03	1.1E+04	3.4E+02	3.3E+03	
				2.0E-02	I	9.0E-03	V		1.1E+05	1.4E+09		1	0.1	Acetaldehyde	75-07-0				4.9E+01			3.4E+02	3.4E+02	
						9.0E-01		A	1.1E+05	1.4E+09	1.4E+04	1		Acetochlor	34256-82-1			4.9E+01	2.3E+04	5.5E+04		1.6E+04	1.6E+04	
						9.0E-01		A	1.1E+05	1.4E+09	1.4E+04	1		Acetone	67-64-1				4.9E+01	1.1E+06		1.8E+06	6.7E+05	
						2.0E-03	X		1.4E+09	1.4E+09		1	0.1	Acetone Cyanohydrin	75-96-5						1.2E+07	1.2E+07	1.2E+07	
						6.0E-02	I	V	1.3E+05	1.4E+09	1.3E+04	1		Acetonitrile	75-05-8							3.4E+03	3.4E+03	
				1.0E-01				V	2.5E+03	1.4E+09	6.0E+04	1		Acetophenone	98-86-2				6.0E-01			1.2E+05	1.2E+05	
3.8E+00	C	1.3E-03	C	5.0E-04	I	2.0E-05	I	V	2.3E+04	1.4E+09	6.9E+03	1	0.1	Acetylaminofluorene, 2-Acrolein	53-96-3 107-02-8	8.6E-01	2.0E+00	1.3E+04	6.0E-01	5.8E+02	6.1E-01	6.0E-01	6.0E-01	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1.4E+09	1.4E+09		1	0.1	Acrylamide	79-06-1	6.5E+00	1.5E+01	1.7E+05	4.6E+00	2.3E+03	5.5E+03	3.6E+07	1.6E+03	
5.4E-01	I	6.8E-05	I	5.0E-01	I	1.0E-03	I	V	1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7				4.6E+00	5.8E+05	4.2E+02	4.2E+02	4.2E+02	
				4.0E-02	A	2.0E-03	I	V	1.1E+04	1.4E+09	7.7E+03	1		Acrylonitrile	107-13-1	6.1E+00		1.4E+00	1.1E+00	4.7E+04		6.7E+01	6.7E+01	
5.6E-02	C			1.0E-02	I				1.4E+09	1.4E+09		1	0.1	Adiponitrile	111-69-3				4.1E+01			3.6E+07	3.6E+07	
				1.0E-03	I				1.4E+09	1.4E+09		1	0.1	Alachlor	15972-60-8	5.8E+01	1.4E+02		4.1E+01	1.2E+04	2.8E+04	2.8E+04	8.2E+03	8.2E+02
				1.0E-03	I				1.4E+09	1.4E+09		1	0.1	Aldicarb	116-06-3				4.1E+01	1.2E+03	2.8E+03		8.2E+02	8.2E+02
1.7E+01	I	4.9E-03	I	3.0E-05				V	1.4E+09	1.4E+09	1.7E+06	1		Aldicarb Sulfone	1646-88-4				1.8E-01	3.5E+01		1.5E+01	3.5E+01	
				5.0E-03	I	1.0E-04	X	V	1.1E+05	1.4E+09	3.4E+04	1		Aldicarb sulfoxide	1646-87-3				1.8E-01	3.5E+01		1.5E+01	3.5E+01	
				1.0E+00	P	5.0E-03	P		1.4E+09	1.4E+09		1		Aldrin	309-00-2	1.9E-01		4.3E+00	1.8E-01	3.5E+01		1.5E+01	3.5E+01	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.4E+09	1.4E+09		1		Allyl Alcohol	107-18-6	1.6E+02		3.2E+00	3.2E+00	5.8E+03		6.9E+00	6.9E+00	
				4.0E-04	I				1.4E+09	1.4E+09		1	0.1	Allyl Chloride	107-05-1				3.2E+00	1.2E+06		3.0E+07	1.1E+06	
				9.0E-03	I				1.4E+09	1.4E+09		1	0.1	Aluminum	7429-90-5	1.6E-01	3.7E-01	2.8E+03	1.1E-01	1.2E+06	2.5E+04		7.4E+03	7.4E+03
2.1E+01	C	6.0E-03	C	4.0E-04	I				1.4E+09	1.4E+09		1	0.1	Aluminum Phosphide	20859-73-8				1.1E-01	4.7E+02		4.7E+02	4.7E+02	
				8.0E-02	P				1.4E+09	1.4E+09		1	0.1	Ametryn	834-12-8				1.1E-01	1.1E+04	2.5E+04		7.4E+03	7.4E+03
				2.0E-02	P				1.4E+09	1.4E+09		1	0.1	Aminobiphenyl, 4-	92-67-1	1.6E-01	3.7E-01	2.8E+03	1.1E-01	1.1E+04	2.5E+04		7.4E+03	7.4E+03
				2.5E-03	I				1.4E+09	1.4E+09		1	0.1	Aminophenol, m-	591-27-5				1.1E-01	9.3E+04	2.2E+05		6.6E+04	6.6E+04
				1.0E-01	I	V			1.4E+09	1.4E+09		1		Aminophenol, p-	123-30-8				1.1E-01	2.3E+04	5.5E+05		1.6E+04	1.6E+04
				2.0E-01	I				1.4E+09	1.4E+09		1	0.1	Amtraz	33089-61-1				1.1E-01	2.9E+03	6.9E+03		2.1E+03	2.1E+03
				3.0E-03	X	V			1.4E+04	1.4E+09	2.6E+04	1		Ammonia	7664-41-7				1.1E-01	2.3E+05		3.4E+02	2.3E+05	
				1.4E+04	X	V			1.4E+09	1.4E+09	2.6E+04	1		Ammonium Sulfamate	7773-06-0				1.1E-01	2.3E+05		3.4E+02	2.3E+05	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1.4E+09	1.4E+09		1	0.1	Amyl Alcohol, tert-	75-85-4				1.1E-01	2.3E+05		3.4E+02	2.3E+05	
4.0E-02	P			2.0E-03	X				1.4E+09	1.4E+09		1	0.1	Aniline	62-53-3	5.7E+02	1.4E+03	1.0E+07	4.0E+02	8.2E+03	1.9E+04	6.0E+06	5.7E+03	
				4.0E-04	I				1.4E+09	1.4E+09	0.15			Anthraquinone, 9,10-	84-65-1	8.2E+01	1.9E+02		5.7E+01	2.3E+03	5.5E+03		1.6E+03	1.6E+03
				5.0E-04	H				1.4E+09	1.4E+09	0.15			Antimony (metallic)	7440-36-0				5.7E+01	4.7E+02		4.7E+02	4.7E+02	
				4.0E-04	H				1.4E+09	1.4E+09	0.15			Antimony Pentoxide	1314-60-9				5.7E+01	4.7E+02		4.7E+02	4.7E+02	
				2.0E-04	I				1.4E+09	1.4E+09	0.15			Antimony Tetroxide	1332-81-6				5.7E+01	4.7E+02		4.7E+02	4.7E+02	
									1.4E+09	1.4E+09	0.15			Antimony Trioxide	1309-64-4				5.7E+01	4.7E+02		4.7E+02	4.7E+02	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1.4E+09	1.4E+09		1	0.03	Arsenic, Inorganic	7440-38-2	3.6E+00	1.7E+01	3.9E+03	3.0E+00	5.8E+02	2.8E+03	8.9E+04	4.8E+02	
				3.5E-06	C	5.0E-05	I		1.4E+09	1.4E+09		1		Arsine	7784-42-1				3.0E+00	4.1E+00	3.0E+05		4.1E+00	4.1E+00
				5.0E-02	I				1.4E+09	1.4E+09		1	0.1	Asulam	3337-71-1				3.0E+00	5.8E+04	1.4E+05		4.1E+04	4.1E+04
2.3E-01	C			3.5E-02	I				1.4E+09	1.4E+09		1	0.1	Atrazine	1912-24-9	1.4E+01	3.4E+01		1.0E+01	4.1E+04	9.7E+04		2.9E+04	2.9E+04
8.8E-01	C	2.5E-04	C	4.0E-04	I				1.4E+09	1.4E+09		1	0.1	Auramine	492-80-8	3.7E+00	8.8E+00	6.7E+04	2.6E+00	4.7E+02	1.1E+03		3.3E+02	3.3E+02
				4.0E-04	I				1.4E+09	1.4E+09		1	0.1	Avermectin B1	65195-55-3				2.6E+00	4.7E+02	1.1E+03		3.3E+02	3.3E+02
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A		1.4E+09	1.4E+09		1	0.1	Azaphosphor-methyl	86-50-0	3.0E+01		2.1E+02	2.6E+01	3.5E+03	8.3E+03	6.0E+07	2.5E+03	
				2.0E-01	I	5.0E-04	H		1.4E+09	1.4E+09	5.2E+05	1		Azobenzene	103-33-3				2.6E+01	1.2E+06	2.8E+06	4.2E+04	4.0E+04	
				1.0E+00	P	7.0E-06	P		1.4E+09	1.4E+09		1	0.1	Azodicarbonamide	123-77-3				2.6E+01	1.2E+06	2.8E+06	4.2E+04	4.0E+04	
5.0E-01	C	1.5E-01	C	2.0E-01	C	2.0E-04	C	M	1.4E+09	1.4E+09	0.025			Barium	7440-39-3	6.5E+00		1.1E+02	6.2E+00	2.3E+05	3.0E+06	3.0E+06	2.2E+05	
				3.0E-01	I			V	1.4E+09	1.4E+09	3.1E+05	1		Barium Chromate	10294-40-3				6.2E+00	2.3E+04	1.2E+06	2.3E+04		
				5.0E-02	I				1.4E+09	1.4E+09		1	0.1	Benfluralin	1861-40-1				6.2E+00	3.5E+05		2.3E+04	2.3E+04	
				2.0E-01	I				1.4E+09	1.4E+09		1	0.1	Benfuralin	1861-40-1				6.2E+00	3.5E+05		2.3E+04	2.3E+04	
				3.0E-02	I				1.4E+09	1.4E+09		1	0.1	Benfuralin	1861-40-1				6.2E+00	3.5E+05		2.3E+04	2.3E+04	
4.0E-03	P			1.0E-01	I			V	1.2E+03	1.4E+09	2.3E+04	1		Benfuralin	1861-40-1				6.2E+00	3.5E+05		2.3E+04	2.3E+04	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	1.8E+03	1.4E+09	3.5E+03	1		Benfuralin	1861-40-1				6.2E+00	3.5E+05		2.3E+04	2.3E+04	
1.0E-01	X			3.0E-04	X				1.4E+09	1.4E+														

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Toxicity and Chemical-specific Information											Carcinogenic Target Risk (TR) = 1E-06			Noncancer Hazard Index (HI) = 1								
SFO (mg/kg-day) <sup>-1</sup>	K <sub>e</sub> (yr <sup>-1</sup> )	IUR (ug/m <sup>3</sup> -day) <sup>-1</sup>	K <sub>e</sub> (yr <sup>-1</sup> )	RfD <sub>d</sub> (mg/kg-day)	RfC <sub>d</sub> (mg/m <sup>3</sup> )	RfD <sub>v</sub> (mg/kg-day)	RfC <sub>v</sub> (mg/m <sup>3</sup> )	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncancer THQ=1 (mg/kg)	
6.2E-02	1	3.7E-05	C	2.0E-02	I	2.0E-02	I	V	9.3E+02	1.4E+09	4.0E+03	1	Bromodichloromethane	75-27-4	5.3E+01		1.3E+00	1.3E+00	2.3E+04		2.3E+04	2.3E+04
7.9E-03	1	1.1E-06	I	2.0E-02	I	2.0E-02	I	V	9.2E+02	1.4E+09	9.7E+03	1	Bromoform	75-25-2	4.1E+02		1.1E+02	8.6E+01	2.3E+04		2.3E+04	2.3E+04
				1.4E-03	I	5.0E-03	I	V	3.6E+03	1.4E+09	1.4E+03	1	Bromomethane	74-83-9				1.8E+03		3.1E+01	3.0E+01	
				5.0E-03	H			V	1.4E+09	1.2E+05		1	Bromophos	2104-96-3				5.8E+03			5.8E+03	
				2.0E-02	I			V	1.4E+09			1	Bromoxynil	1689-84-5				2.3E+04	5.5E+04		1.6E+04	
3.4E+00	C	3.0E-05	I	2.0E-02	I			V	1.4E+09	4.7E+05		1	Bromoxynil Octanoate	1689-99-2				2.3E+04			2.3E+04	
				1.0E-01	I	2.0E-03	I	V	6.7E+02	1.4E+09	8.7E+02	1	Butadiene, 1,3-	106-99-0	9.6E-01		3.5E-01	2.6E-01		7.6E+00	7.6E+00	
				5.0E-02	I			V	7.6E+03	1.4E+09	3.0E+04	1	Butanol, n-	71-36-3				1.2E+05			1.2E+05	
2.0E-04	C	5.7E-08	C	2.0E+00	P	3.0E+01	P	V	2.1E+04	1.4E+09	2.9E+04	1	Butyl alcohol, sec-	78-92-2				2.3E+06		3.8E+06	1.5E+06	
				5.0E-02	I			V	1.4E+09	8.6E+04		1	Butylate	2008-41-5	1.6E+04	3.9E+04	2.9E+08	1.1E+04	5.8E+04		5.8E+04	
								V	1.4E+09			1	Butylated hydroxyanisole	25013-16-5							5.8E+04	
3.6E-03	P			3.0E-01	P			V	1.4E+09			1	Butylated hydroxytoluene	128-37-0	9.1E+02	2.1E+03		6.4E+02	3.5E+05	8.3E+05		2.5E+05
				5.0E-02	P			V	1.1E+02	1.4E+09	8.1E+03	1	Butylbenzene, n-	104-51-8				5.8E+04			5.8E+04	
				1.0E-01	X			V	1.5E+02	1.4E+09	7.4E+03	1	Butylbenzene, sec-	135-98-8				1.2E+05			1.2E+05	
				1.0E-01	X			V	1.8E+02	1.4E+09	7.4E+03	1	Butylbenzene, tert-	98-06-6				1.2E+05			1.2E+05	
				2.0E-02	A			V	1.4E+09			1	Cadodylic Acid	75-60-5			9.3E+03	9.3E+03	2.3E+04	5.5E+04		1.6E+04
				1.8E-03	I	1.0E-03	I	1.0E-05	A	1.4E+09	0.025	0.001	Cadmium (Diet)	7440-43-9				1.2E+03	6.9E+03	6.0E+04		9.8E+02
				1.8E-03	I	5.0E-04	I	1.0E-05	A	1.4E+09	0.05	0.001	Cadmium (Water)	7440-43-9				1.2E+03	6.9E+03	6.0E+04		9.8E+02
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	1.4E+09		0.025	0.001	Calcium Chromate	13765-19-0	6.5E+00		1.1E+02	6.2E+00	2.3E+04		1.2E+06	2.3E+04
				5.0E-01	I	2.2E-03	C		1.4E+09			1	Caprolactam	105-60-2				5.8E+05	1.4E+06	1.3E+07	4.0E+05	
1.5E-01	C	4.3E-05	C	2.0E-03	I			V	1.4E+09			1	Captafol	2425-06-1	2.2E+01	5.2E+01	3.9E+05	1.5E+01	2.3E+03	5.5E+03		1.6E+03
2.3E-03	C	6.6E-07	C	1.3E-01	I			V	1.4E+09			1	Captan	133-06-2	1.4E+03	3.4E+03	2.5E+07	1.0E+03	1.5E+05	3.6E+05		1.1E+05
				1.0E-01	I			V	1.4E+09			1	Carbaryl	63-25-2				1.2E+05	2.8E+05		8.2E+04	
				5.0E-03	I			V	1.4E+09			1	Carbofuran	1563-66-2				5.8E+03	1.4E+04		4.1E+03	
7.0E-02	I	6.0E-06	I	1.0E-01	I	7.0E-01	I	V	7.4E+02	1.4E+09	1.2E+03	1	Carbon Disulfide	75-15-0				1.2E+05		3.6E+03	3.5E+03	
				4.0E-03	I	1.0E-01	V		4.6E+02	1.4E+09	1.5E+03	1	Carbon Tetrachloride	56-23-5	4.7E+01		3.1E+00	2.9E+00	4.7E+03	6.5E+02		5.7E+02
				1.0E-02	I	1.0E-01	P	V	5.9E+03	1.4E+09	6.5E+02	1	Carbonyl Sulfide	463-58-1				1.2E+04	2.8E+04		2.8E+02	
				1.0E-01	I			V	1.4E+09			1	Carbosulfan	55285-14-8				1.2E+05	2.8E+05		8.2E+03	
				1.0E-01	I			V	1.4E+09			1	Carboxin	5234-68-4				1.2E+05	2.8E+05		8.2E+04	
				9.0E-04	I			V	1.4E+09			1	Ceric oxide	1306-38-3				1.2E+05	2.8E+05		5.4E+06	
				1.0E-01	I			V	1.4E+09	1.5E+05		1	Chloral Hydrate	302-17-0				1.2E+05			1.2E+05	
				1.5E-02	I			V	1.4E+09			1	Chloramben	133-90-4				1.8E+04	4.1E+04		1.2E+04	
4.0E-01	H							V	1.4E+09			1	Chloranil	118-75-2	8.1E+00	1.9E+01		5.7E+00			5.4E+06	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1.4E+09	1.5E+06		1	Chlorane	12789-03-6	9.3E+00	5.5E+01	1.9E+02	7.7E+00	5.8E+02	3.4E+03	4.7E+03	4.5E+02
1.0E+01	I	4.6E-03	C	3.0E-04	I			V	1.4E+09			1	Chlordecone (Kepone)	143-50-0	3.3E-01	7.7E-01	3.6E+03	2.3E-01	3.5E+02	8.3E+02		2.5E+02
				7.0E-04	A			V	1.4E+09			1	Chlorfenvinphos	470-90-6				8.2E+02	1.9E+03		5.7E+02	
				2.0E-02	I			V	1.4E+09			1	Chlorfurofen	90982-32-4				2.3E+04	5.5E+04		1.6E+04	
				1.0E-01	I	1.5E-04	A	V	2.8E+03	1.4E+09	1.2E+03	1	Chlorine	7782-50-5				1.2E+05		7.8E-01	7.8E-01	
				3.0E-02	I	2.0E-04	I	V	1.4E+09			1	Chlorine Dioxide	10049-04-4				3.5E+04		1.2E+06	3.4E+04	
				3.0E-02	I			V	1.4E+09			1	Chlorite (Sodium Salt)	7758-19-2				3.5E+04			3.5E+04	
				5.0E+01	I	1.2E+03	1.4E+09	1.0E+03	1	1	Chloro-1,1-difluoroethane, 1-	75-68-3								2.3E+05	2.3E+05	
4.6E-01	H			3.0E-04	I	2.0E-02	H	2.0E-02	I	7.9E+02	1.4E+09	1.1E+03	1	Chloro-1,3-butadiene, 2-	126-99-8			4.4E-02	4.4E-02	2.3E+04		9.4E+01
1.0E-01	P	7.7E-05	C	3.0E-03	X			V	1.4E+09			1	Chloro-2-methylaniline HCl, 4-	3165-93-3	7.1E+00	1.7E+01		5.0E+00			3.5E+03	8.3E+03
				1.0E-01	P	7.7E-05	C	3.0E-03	X	1.4E+09		1	Chloro-2-methylaniline, 4-	95-69-2	3.3E+01	7.7E+01	2.2E+05	2.3E+01	3.5E+03	8.3E+03		2.5E+03
2.7E-01	X							V	1.2E+04	1.4E+09	1.6E+04	1	Chloroacetaldehyde, 2-	107-20-0	1.2E+01			1.2E+01			1.8E+05	
				3.0E-05	I			V	1.4E+09			1	Chloroacetic Acid	79-11-8							1.8E+05	
								V	1.4E+09			1	Chloroacetophenone, 2-	532-27-4							1.8E+05	
2.0E-01	P			4.0E-03	I			V	1.4E+09			1	Chloroaniline, p-	106-47-8	1.6E+01	3.9E+01		1.1E+01	4.7E+03	1.1E+04		3.3E+03
				2.0E-02	I	5.0E-02	P	V	7.6E+02	1.4E+09	6.5E+03	1	Chlorobenzene	108-90-7				2.3E+04		1.4E+03	1.3E+03	
1.1E-01	C	3.1E-05	C	2.0E-02	I			V	1.4E+09			1	Chlorobenzilate	510-15-6	3.0E+01	7.0E+01	5.4E+05	2.1E+01	2.3E+04	5.5E+04		1.6E+04
				3.0E-02	X			V	1.4E+09			1	Chlorobenzoic Acid, p-	74-11-3				3.5E+04	8.3E+04		2.5E+04	
				3.0E-03	P	3.0E-01	P	V	2.9E+02	1.4E+09	6.8E+03	1	Chlorobenzotrifluoride, 4-	98-56-6				3.5E+03		8.9E+03	2.5E+03	
				4.0E-02	P			V	7.3E+02	1.4E+09	1.8E+03	1	Chlorobutane, 1-	109-69-3				4.7E+04			4.7E+04	
				5.0E+01	I	1.7E+03	1.4E+09	9.4E+02	1	1	Chlorodifluoromethane	75-45-6								2.1E+05		
				2.0E-02	P			V	1.1E+05	1.4E+09	7.8E+04	1	Chloroethanol, 2-	107-07-3				2.3E+04			2.3E+04	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	2.5E+03	1.4E+09	2.6E+03	1	Chloroform	67-66-3	1.1E+02		1.4E+00	1.4E+00	1.2E+04		1.1E+03	1.0E+03
				9.0E-02	I			V	1.3E+03	1.4E+09	1.2E+03	1	Chloromethane	74-87-3							4.6E+02	
2.4E+00	C	6.9E-04	C					V	9.3E+03	1.4E+09	5.3E+03	1	Chloromethyl Methyl Ether	107-30-2	1.4E+00		9.5E-02	8.9E-02				4.6E+02
3.0E-01	P																					

Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) <sup>-1</sup>	Ke (y)	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	Ke (y)	RfD <sub>c</sub> (mg/kg-day)	RfC <sub>c</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)	Ke (y)
6.2E-04	I	9.0E-03	P	3.0E-04	P	6.0E-06	P	1.4E+09	1	1												
				4.0E-02	H			1.4E+09	1													
				5.0E-02	I	6.0E-01	C	1.4E+09	1	0.1												
				5.0E-02	I	6.0E-01	C	1.4E+09	1	0.1												
				1.0E-01	A	6.0E-01	C	1.4E+09	1	0.1												
				1.0E-01	A			1.4E+09	1	0.1												
1.9E+00	H			1.0E-01	A	6.0E-01	C	1.4E+09	1	0.1												
				1.0E-03	P			1.4E+09	1													
				1.0E-01	I	4.0E-01	I	2.7E+02	1.4E+09	1.9E+04	1	0.1										
2.2E-01	C	6.3E-05	C					1.4E+09	1	0.1												
8.4E-01	H			2.0E-03	H			1.4E+09	1	0.1												
				1.0E-03	I			1.4E+09	1													
				5.0E-03	I			1.4E+09	1													
				6.0E-04	I	8.0E-04	S	9.5E+05	1.4E+09	5.3E+04	1											
				1.0E-03	I			1.4E+09	1													
				9.0E-02	I			1.4E+09	1													
				5.0E-02	I			1.4E+09	1													
				6.0E-04	I	8.0E-04	I	1.0E+07	1.4E+09	5.2E+04	1											
				2.0E-03	I			1.4E+09	1													
				5.0E-03	I			1.4E+09	0.04													
				1.0E-01	I			1.4E+09	1													
				1.0E-03	I			1.4E+09	1													
				2.0E-04	P			1.4E+09	1													
				2.0E-04	X			1.4E+09	1													
				5.0E-02	I			1.4E+09	1													
				6.0E+00	I	V		1.2E+02	1.4E+09	1.0E+03	1											
2.3E-02	H			1.4E+09	1	0.1																
				5.0E+00	I	7.0E-01	P	5.1E+03	1.4E+09	4.2E+04	1											
				5.0E-03	P	1.0E+00	X	2.8E+02	1.4E+09	1.5E+03	1											
				2.0E-01	I			2.9E+05	1.4E+09	7.5E+04	1											
				2.5E-02	I			1.4E+09	1	0.1												
				5.0E-03	I			1.4E+09	1	0.1												
				1.0E-02	I			1.4E+09	1	0.1												
				7.5E-03	I			1.4E+09	1	0.1												
2.4E-01	I	6.9E-05	C					1.4E+09	1	0.1												
3.4E-01	I	9.7E-05	C					1.4E+09	2.1E+06	1												
3.4E-01	I	9.7E-05	I	5.0E-04	I			1.4E+09	1	0.03												
				3.0E-02	I			1.4E+09	1	0.1												
1.8E-02	C	5.1E-06	C	1.5E-01	I			1.4E+09	1	0.1												
7.0E-04	I			7.0E-03	I			1.4E+09	1	0.1												
				4.0E-05	I			1.4E+09	1	0.1												
1.2E-03	I			6.0E-01	I			1.4E+09	1	0.1												
6.1E-02	H			7.0E-04	A			1.4E+09	1	0.1												
								1.4E+09	1	0.1												
8.0E-01	P	6.0E-03	P	1.0E-02	X			1.4E+09	5.2E+05	1												
				2.0E-04	P	2.0E-04	I	9.8E+02	1.4E+09	3.2E+04	1											
				4.0E-04	X			1.6E+02	1.4E+09	1.9E+04												





Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1							
SFO (mg/kg-day) <sup>-1</sup>	KE (ug/m <sup>3</sup> ) <sup>-1</sup>	KE (mg/kg-day) <sup>-1</sup>	RfD <sub>c</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	RfC <sub>c</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	TEL <sub>c</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	TEL <sub>n</sub>	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
		7.0E-01	P														Iron	7439-89-6					8.2E+05				8.2E+05
9.5E-04	I	3.0E-01	I	V	1.0E+04	1.4E+09	2.8E+04	1							0.1		Isobutyl Alcohol	78-83-1	3.4E+03	8.1E+03		2.4E+03	3.5E+05				3.5E+05
		2.0E-01	I	2.0E+00	C												Isophorone	78-59-1					2.3E+05	5.5E+05	1.2E+10		1.6E+05
		1.5E-02	I	V		1.4E+09	4.2E+05	1									Isopropalin	33820-53-0					1.8E+04				1.8E+04
		2.0E+00	P	2.0E-01	P	V	1.1E+05	1.4E+09	2.8E+04	1							Isopropanol	67-53-0					2.3E+06		2.4E+04		2.4E+04
		1.0E-01	I			1.4E+09									0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8					1.2E+05	2.8E+05			8.2E+04
		5.0E-02	I			1.4E+09									0.1		Isoxaben	82558-50-7					5.8E+04	1.4E+05			4.1E+04
				3.0E-01	A	V		1.4E+09		1							JP-7	NA							1.8E+09		1.8E+09
		2.0E-03	I			1.4E+09									0.1		Lactofen	77501-63-4					2.3E+03	5.5E+03			1.6E+03
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		1.4E+09		0.025					Lead Compounds										
8.5E-03	C	1.2E-05	C			1.4E+09				1.4E+09					0.1		-Lead Chromate	7758-97-6	6.5E+00		1.1E+02	6.2E+00	2.3E+04		1.2E+06		2.3E+04
8.5E-03	C	1.2E-05	C			1.4E+09				1.4E+09					0.1		-Lead Phosphate	7446-27-7	3.8E+02		1.4E+06	3.8E+02					
						1.4E+09				1.4E+09							-Lead acetate	301-04-2	3.8E+02	9.1E+02	1.4E+06	2.7E+02					
8.5E-03	C	1.2E-05	C			1.4E+09				1.4E+09					0.1		-Lead and Compounds	7439-92-1									8.0E+02
		1.0E-07	I			2.4E+00	1.9E+03	1		1.4E+09							-Lead subacetate	1335-32-6	3.8E+02	9.1E+02	1.4E+06	2.7E+02					
						3.8E+02	1.4E+09	2.6E+04	1	1.4E+09							-Tetraethyl Lead	78-00-2					1.2E-01				1.2E-01
		5.0E-06	P			1.4E+09				1.4E+09							Lewisite	541-25-3					5.8E+00				5.8E+00
		2.0E-03	I			1.4E+09				1.4E+09					0.1		Linuron	330-55-2					2.3E+03	5.5E+03			1.6E+03
		2.0E-03	P			1.4E+09				1.4E+09							Lithium	7439-93-2					2.3E+03				2.3E+03
		5.0E-04	I			1.4E+09				1.4E+09					0.1		MCPA	94-74-6					5.8E+02	1.4E+03			4.1E+02
		1.0E-02	I			1.4E+09				1.4E+09					0.1		MCPB	94-81-5					1.2E+04	2.8E+04			8.2E+03
		1.0E-03	I			1.4E+09				1.4E+09					0.1		MCPP	93-65-2					1.2E+03	2.8E+03			8.2E+02
		2.0E-02	I			1.4E+09				1.4E+09					0.1		Malathion	121-75-5					2.3E+04	5.5E+04			1.6E+04
		1.0E-01	I	7.0E-04	C			1.4E+09		1.4E+09					0.1		Maleic Anhydride	108-31-6					1.2E+05	2.8E+05	4.2E+06		8.0E+04
		5.0E-01	I			1.4E+09				1.4E+09					0.1		Maleic Hydrazide	123-33-1					5.8E+05	1.4E+06			4.1E+05
		1.0E-04	P			1.4E+09				1.4E+09					0.1		Malononitrile	109-77-3					1.2E+02	2.8E+02			8.2E+01
		3.0E-02	H			1.4E+09				1.4E+09					0.1		Mancozeb	8018-01-7					3.5E+04	8.3E+04			2.5E+04
		5.0E-03	I			1.4E+09				1.4E+09					0.1		Maneb	12427-38-2					5.8E+03	1.4E+04			4.1E+03
		1.4E-01	I	5.0E-05	I			1.4E+09									Manganese (Diet)	7439-96-5					2.8E+04		3.0E+05		2.6E+04
		2.4E-02	S	5.0E-05	I			1.4E+09			0.04						Manganese (Non-diet)	7439-96-5					1.1E+02	2.5E+02			7.4E+01
		9.0E-05	H			1.4E+09				1.4E+09					0.1		Meprosfolan	95-10-7					3.5E+04	8.3E+04			2.5E+04
		3.0E-02	I			1.4E+09				1.4E+09					0.1		Mepiquat Chloride	24307-26-4					3.5E+04				2.5E+04
		3.0E-04	I	3.0E-04	S			1.4E+09			0.07						Mercury Compounds						3.5E+02		1.8E+06		3.5E+02
						3.1E+00	1.4E+09	3.5E+04	1	1.4E+09							-Mercuric Chloride (and other Mercury salts)	7487-94-7					3.5E+02				4.6E+01
		1.0E-04	I			1.4E+09				1.4E+09							-Mercury (elemental)	7439-97-6					1.2E+02				1.2E+02
		8.0E-05	I			1.4E+09				1.4E+09					0.1		-Methyl Mercury	22867-92-6					9.3E+01	2.2E+02			6.6E+01
		3.0E-05	I			1.4E+09	1.9E+06	1		1.4E+09							-Phenylmercuric Acetate	82-38-4					3.5E+01				3.5E+01
		3.0E-05	I			1.4E+09				1.4E+09					0.1		Merphos	150-80-5					3.5E+01				3.5E+01
		3.0E-05	I			1.4E+09				1.4E+09					0.1		Merphos Oxide	78-48-8					3.5E+01	8.3E+01			2.5E+01
		6.0E-02	I			1.4E+09				1.4E+09					0.1		Metalaxyl	57837-19-1					7.0E+04	1.7E+05			4.9E+04
		1.0E-04	I	3.0E-02	P	V	4.6E+03	1.4E+09	6.8E+03	1							Methacrylonitrile	126-98-7					1.2E+02		8.9E+02		1.0E+02
		5.0E-05	I			1.4E+09				1.4E+09					0.1		Methamidophos	10265-92-6					5.8E+01	1.4E+02			4.1E+01
		2.0E+00	I	2.0E+01	I	V	1.1E+05	1.4E+09	2.9E+04	1							Methanol	67-56-1					2.3E+06		2.5E+06		1.2E+06
4.9E-02	C	1.4E-05	C			1.4E+09				1.4E+09					0.1		Methidathion	950-37-8	6.7E+01	1.6E+02	1.2E+06	4.7E+01	1.2E+03	2.8E+03			8.2E+02
		2.5E-02	I			1.4E+09				1.4E+09					0.1		Methomyl	16752-77-5					2.9E+04	6.9E+04			2.1E+04
		1.0E-03	I			1.4E+09				1.4E+09					0.1		Methoxy-5-nitroaniline, 2-	99-59-2					2.9E+04				2.1E+04
		5.0E-03	I			1.4E+09				1.4E+09					0.1		Methoxychlor	72-43-5					5.8E+03	1.4E+04			4.1E+03
		8.0E-03	P	1.0E-03	P	V	1.2E+05	1.4E+09	1.2E+05	1							Methoxyethanol Acetate, 2-	110-49-6					9.3E+03		5.4E+02		5.1E+02
		5.0E-03	P	2.0E-02	I	V	1.1E+05	1.4E+09	1.0E+05	1							Methoxyethanol, 2-	109-86-4					5.8E+03		8.8E+03		3.5E+03
		1.0E+00	X			2.9E+04	1.4E+09	8.1E+03	1	1.4E+09							Methyl Acetate	79-20-9					1.2E+06				1.2E+06
		2.0E-02	P	V		6.8E+03	1.4E+09	7.0E+03	1	1.4E+09							Methyl Acrylate	96-33-3					7.0E+05		6.1E+02		6.1E+02
		5.0E+00	I	5.0E+00	I	V	2.8E+04	1.4E+09	1.2E+04	1							Methyl Ethyl Ketone (2-Butanone)	78-93-3					2.7E+05		2.7E+05		1.9E+05
1.0E-03	X	1.0E-03	P	2.0E-05	X	V	1.8E+05	1.4E+09	5.0E+04	1							Methyl Hydrazine	60-34-4			6.2E-01	6.2E-01	1.2E+03		4.4E+00		4.4E+00
		3.0E+00	I	V																							

Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic Hazard Index (HI) = 1					
SFO (mg/kg-day) <sup>-1</sup>	Ke (ug/m <sup>3</sup> ) <sup>-1</sup>	IUR (y)	Ke (mg/kg-day)	RfD <sub>h</sub> (mg/kg-day)	RfC <sub>h</sub> (mg/m <sup>3</sup> )	RTD (y)	muta- gen	C <sub>soil</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
				2.5E-02	1			1.4E+09				0.1	Metribuzin	21087-64-9					2.9E+04	6.9E+04		2.1E+04	
				2.5E-02	1			1.4E+09				0.1	Metsulfuron-methyl	74223-64-6					2.9E+05	6.9E+05		2.1E+05	
				3.0E+00	P		V	3.4E-01	1.4E+09	1.4E+03		1	Mineral oils	8012-95-1					3.5E+06			3.5E+06	
1.8E+01	C	5.1E-03	C	2.0E-04	I		V		1.4E+09	8.6E+05		1	Mirex	2385-85-5	1.8E-01		2.1E+00	1.7E-01	2.3E+02			2.3E+02	
				2.0E-03	I				1.4E+09			0.1	Molinate	2212-67-1					2.3E+03	5.5E+03		1.6E+03	
				5.0E-03	I				1.4E+09			1	Molybdenum	7439-98-7					5.8E+03			5.8E+03	
				1.0E-01	I				1.4E+09			1	Monochloramine	10599-90-3					1.2E+05			1.2E+05	
				2.0E-03	P				1.4E+09			0.1	Monomethylaniline	100-61-8					2.3E+03	5.5E+03		1.6E+03	
				2.5E-02	I				1.4E+09			0.1	Myclobutanil	88671-89-0					2.9E+04	6.9E+04		2.1E+04	
				3.0E-04	X				1.4E+09			0.1	N,N-Diphenyl-1,4-benzenediamine	74-31-7					3.5E+02	8.3E+02		2.5E+02	
				2.0E-03	I		V		1.4E+09	5.7E+04		1	Naled	300-76-5					2.3E+03			2.3E+03	
				3.0E-02	X	1.0E-01	P V		1.4E+09			1	Naphtha, High Flash Aromatic (HFAN)	64742-95-6					3.5E+04		6.0E+08	3.5E+04	
1.8E+00	C	0.0E+00	C						1.4E+09			0.1	Naphthylamine, 2-	91-59-8	1.8E+00	4.3E+00		1.3E+00				8.2E+04	
				1.0E-01	I				1.4E+09			0.1	Napropamide	15299-99-7					1.2E+05	2.8E+05		8.2E+04	
				2.6E-04	C	1.1E-02	C	1.4E-05	C			1	Nickel Acetate	373-02-4				6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	8.1E+03
				2.6E-04	C	1.1E-02	C	1.4E-05	C			1	Nickel Carbonate	3333-67-3			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	8.1E+03	
				2.6E-04	C	1.1E-02	C	1.4E-05	C V			1	Nickel Carbonyl	13463-39-3			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
				2.6E-04	C	1.1E-02	C	1.4E-05	C			0.04	Nickel Hydroxide	12054-48-7			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
				2.6E-04	C	1.1E-02	C	2.0E-05	C			0.04	Nickel Oxide	1313-99-1			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	1.2E+05	
				2.4E-04	I	1.1E-02	C	1.4E-05	C			0.04	Nickel Refinery Dust	NA			6.9E+04	6.9E+04	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
				2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04	Nickel Soluble Salts	7440-02-0			6.4E+04	6.4E+04	2.3E+04	5.4E+05		2.2E+04	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C		1.4E+09			0.04	Nickel Sulfide	12035-72-2	1.9E+00		1.9E+00		1.3E+04	3.0E+04	8.3E+04	1.1E+04	
				2.6E-04	C	1.1E-02	C	1.4E-05	C			0.1	Nickelocene	1271-28-9			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	8.1E+03	
				1.6E+00	I				1.4E+09			1	Nitrate	14797-55-8				1.9E+06				1.9E+06	
				1.0E-01	I				1.4E+09			1	Nitrate + Nitrite (as N)	NA					1.2E+05			1.2E+05	
				1.0E-02	X	5.0E-05	X		1.4E+09			1	Nitrite	14797-65-0					1.2E+04	2.8E+04	3.0E+05	8.0E+03	
2.0E-02	P			4.0E-03	P	6.0E-03	P		1.4E+09			0.1	Nitroaniline, 2-	100-01-6	1.6E+02	3.9E+02		1.1E+02	4.7E+03	1.1E+04	3.6E+07	3.3E+03	
				2.0E-03	I	9.0E-03	I V	3.1E+03	1.4E+09	7.3E+04		1	Nitrobenzene	98-95-3			2.2E+01	2.2E+01	2.3E+03	8.3E+09	2.9E+03	1.3E+03	
				3.0E+03	P				1.4E+09			0.1	Nitrocellulose	9004-70-0					3.5E+09	8.3E+09		2.5E+09	
1.3E+00	C	3.7E-04	C	7.0E-02	H				1.4E+09			0.1	Nitrofurantoin	67-20-9					8.2E+04	1.9E+05		5.7E+04	
1.7E-02	P			1.0E-04	P				1.4E+09			0.1	Nitrofurazone	59-87-0	2.5E+00	5.9E+00	4.5E+04	1.8E+00	1.2E+02	2.8E+02		8.2E+01	
				1.0E-01	I				1.4E+09			0.1	Nitroglycerin	55-63-0	1.9E+02	4.5E+02		1.4E+02	1.2E+02	2.8E+02		8.2E+01	
				8.8E-06	P	5.0E-03	P V	1.8E+04	1.4E+09	1.7E+04		1	Nitroguanidine	556-88-7			2.4E+01	2.4E+01	1.2E+05	2.8E+05		8.2E+04	
				2.7E-03	H	2.0E-02	I V	4.9E+03	1.4E+09	1.3E+04		1	Nitromethane	75-52-5			6.0E-02	6.0E-02	1.2E+05	2.8E+05		8.2E+04	
				2.7E+01	C	7.7E-03	C		1.4E+09			0.1	Nitroso-N-ethylurea, N-	769-73-9	1.2E-01	2.9E-01	2.2E+03	8.5E-02				3.7E+02	
1.2E+02	C	3.4E-02	C						1.4E+09			0.1	Nitroso-N-methylurea, N-	684-93-5	2.7E-02	6.4E-02	4.9E+02	1.9E-02				1.2E+03	
5.4E+00	I	1.6E-03	I			V			1.4E+09	2.4E+05		1	Nitroso-di-N-butylamine, N-	924-16-3	6.1E-01	1.9E+00	4.6E-01					1.2E+02	
7.0E+00	I	2.0E-03	C						1.4E+09			0.1	Nitroso-di-N-propylamine, N-	621-64-7	4.7E-01	1.1E+00	8.3E+03	3.3E-01				3.7E+02	
2.8E+00	I	8.0E-04	C						1.4E+09			0.1	Nitrosodiethanolamine, N-	1116-54-7	1.2E+00	2.8E+00	2.1E+04	8.2E-01				3.7E+02	
1.5E+02	I	4.3E-02	I				M		1.4E+09			0.1	Nitrosodimethylamine, N-	55-18-5	2.2E-02	5.2E-02	3.9E+02	1.5E-02				1.2E+03	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X V	M	2.4E+05	1.4E+09	8.2E+04	1	Nitrosodiphenylamine, N-	62-75-9	6.4E-02	7.2E-02	3.4E-02	9.3E+00		1.4E+01	5.7E+00		
4.9E-03	I	2.6E-06	C						1.4E+09			0.1	Nitrosodiphenylamine, N-	86-30-6	6.7E+02	1.6E+03	6.4E+06	4.7E+02				5.7E+00	
2.2E+01	I	6.3E-03	C			V		1.1E+05	1.4E+09	1.2E+05		1	Nitrosomethylamine, N-	10595-95-6	1.5E-01	2.4E-01	9.1E-02						
6.7E+00	C	1.9E-03	C						1.4E+09			0.1	Nitrosomorpholine [N-]	59-89-2	4.9E-01	1.2E+00	8.8E+03	3.4E-01					
9.4E+00	C	2.7E-03	C						1.4E+09			0.1	Nitrosopiperidine [N-]	100-75-4	3.5E-01	8.2E-01	6.2E+03	2.4E-01					
2.1E+00	I	6.1E-04	I						1.4E+09			0.1	Nitrosopyrrolidine, N-	930-55-2	1.6E+00	3.7E+00	2.7E+04	1.1E+00					
2.2E-01	P			1.0E-04	X				1.4E+09			0.1	Nitrotoluene, m-	99-08-1					1.2E+02	2.8E+02		8.2E+01	
1.6E-02	P			9.0E-04	P		V	1.5E+03	1.4E+09	1.4E+05		1	Nitrotoluene, o-	88-72-2	1.5E+01		1.5E+01	1.1E+03				1.1E+03	
				4.0E-03	P				1.4E+09			0.1	Nitrotoluene, p-	99-99-0	2.0E+02	4.8E+02		1.4E+02	4.7E+03	1.1E+04		3.3E+03	
				3.0E-04	X	2.0E-02	P V	6.9E+00	1.4E+09	1.0E+03		1	Nonane, n-	111-84-2					3.5E+02		9.1E+01	7.2E+01	
				4.0E-02	I				1.4E+09			0.1	Norflurazon	27314-13-2					4.7E+04	1.1E+05		3.3E+04	
				3.0E-03	I				1.4E+09			0.1	Octabromodiphenyl Ether	32536-52-0					3.5E+03	8.3E+03		2.5E+03	
				5.0E-02	I				1.4E+09			0.006	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					5.8E+04	2.3E+06		5.7E+04	
				2.0E-03	H				1.4E+09			1	Octamethylpyrophosphoramide	152-16-9					2.3E+03	5.5E+03		1.6E+03	
				5.0E-02	I				1.4E+09			0.1	Oryzalin	19044-88-3					5.8E+04	1.4E+05		4.1E+04	
				5.0E-03	I				1.4E+09			0.1	Oxadiazon	19666-30-9					5.8E+03	1.4E+04		4.1E+03	
				2.5E-02	I				1.4E+09			0.1	Oxamyl	23135-22-0					2.9E+04	6.9E+04		2.1E+04	
				3.0E-03	I				1.4E+09			0.1	Oxyfluorfen	42874-03-3					3.5E+03	8.3E+03		2.5E+03	
				1.3E-02	I				1.4E+09			0.1	Paclitaxel	76738-62-0									

Toxicity and Chemical-specific Information													Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic Hazard Index (HI) = 1			
SFO	ke	IUR	ke	RfD	ke	RfC	ke	muta	Csat	PEF	VF	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
				7.0E-04	I					1.4E+09				-Perchlorate and Perchlorate Salts	14797-73-0					8.2E+02			8.2E+02	
				7.0E-04	I					1.4E+09				+Potassium Perchlorate	7778-74-7					8.2E+02			8.2E+02	
				7.0E-04	I					1.4E+09				-Sodium Perchlorate	7601-89-0					8.2E+02			8.2E+02	
				2.0E-02	P		V			1.4E+09	1.3E+05			Perfluorobutane Sulfonate	375-73-5					2.3E+04			2.3E+04	
				5.0E-02	I					1.4E+09			0.1	Permethrin	52645-53-1					5.8E+04	1.4E+05		4.1E+04	
2.2E-03	C	6.3E-07	C	2.5E-01	I					1.4E+09			0.1	Phenacetin	62-44-2	1.5E+03	3.5E+03	2.6E+07	1.0E+03	2.9E+05	6.9E+05		2.1E+05	
				3.0E-01	I	2.0E-01	C			1.4E+09			0.1	Phenmedipham	13684-63-4					3.5E+05	8.3E+05	1.2E+09	2.5E+05	
				4.0E-03	I					1.4E+09			0.1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					4.7E+03	1.1E+04		3.3E+03	
				5.0E-04	X					1.4E+09			0.1	Phenothiazine	92-84-2					5.8E+02	1.4E+03		4.1E+02	
				6.0E-03	I					1.4E+09			0.1	Phenylenediamine, m-	108-46-2					7.0E+03	1.7E+04		4.9E+03	
4.7E-02	H			1.9E-01	H					1.4E+09			0.1	Phenylenediamine, o-	95-54-5	7.0E+01	1.6E+02		4.9E+01					
				1.9E-01	H					1.4E+09			0.1	Phenylenediamine, p-	106-50-3					2.2E+05	5.2E+05		1.6E+05	
1.9E-03	H			2.0E-04	H	3.0E-04	I	V	1.6E+03	1.4E+09	9.8E+02		0.1	Phenylphenol, 2-	90-43-7	1.7E+03	4.0E+03		1.2E+03					
				2.0E-02	I					1.4E+09			0.1	Phorate	298-02-2					2.3E+02	5.5E+02		1.6E+02	
				2.0E-02	I					1.4E+09			0.1	Phosgene	75-44-5					2.3E+04	5.5E+04		1.3E+00	
				2.0E-02	I					1.4E+09			0.1	Phosmet	732-11-6					2.3E+04	5.5E+04		1.6E+04	
				4.9E+01	P					1.4E+09			1	Phosphates, Inorganic						5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Aluminum metaphosphate	13776-88-0					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Ammonium polyphosphate	68333-79-9					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Calcium pyrophosphate	7790-76-3					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Diammonium phosphate	7783-28-0					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Dicalcium phosphate	7757-93-9					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Dimagnesium phosphate	7782-75-4					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Dipotassium phosphate	7758-11-4					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Disodium phosphate	7658-79-4					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Monoaluminum phosphate	13530-50-2					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Monoammonium phosphate	7722-76-1					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Monocalcium phosphate	7758-23-8					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Monomagnesium phosphate	7757-86-0					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Monopotassium phosphate	7778-77-0					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Monosodium phosphate	7658-80-7					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Polyphosphoric acid	8017-16-1					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Potassium triphosphate	13845-36-8					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium acid pyrophosphate	7758-16-9					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium aluminum phosphate (acidic)	7785-88-8					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium aluminum phosphate (anhydrous)	10279-59-1					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium hexametaphosphate	10124-56-8					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium polyphosphate	68915-31-1					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium trimetaphosphate	7785-84-4					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Sodium tripolyphosphate	7758-29-4					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Tetrapotassium phosphate	7320-34-5					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Tetrasodium pyrophosphate	7722-88-5					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Trialuminum sodium tetra decahydrogenactaortho diphosphate (dihydrate)	15136-87-5					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Tricalcium phosphate	7758-87-4					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Trimagnesium phosphate	7757-87-1					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Tripotassium phosphate	7778-53-2					5.7E+07			5.7E+07	
				4.9E+01	P					1.4E+09			1	-Trisodium phosphate	7601-54-9					5.7E+07			5.7E+07	
				3.0E-04	I	3.0E-04	I	V		1.4E+09			1	Phosphine	7803-51-2					3.5E+02		1.8E+06	3.5E+02	
				4.9E+01	P	1.0E-02	I			1.4E+09			1	Phosphoric Acid	7664-38-2					5.7E+07		6.0E+07	2.9E+07	
				2.0E-05	I		V			1.4E+09	6.9E+03		1	Phosphorus, White	7723-14-0					2.3E+01			2.3E+01	
				2.0E-05	I		V			1.4E+09	6.9E+03		1	Phthalates						2.3E+01			2.3E+01	
1.4E-02	I	2.4E-06	C	2.0E-02	I					1.4E+09			0.1	-Bis(2-ethylhexyl)phthalate	117-81-7	2.3E+02	5.5E+02	6.9E+06	1.6E+02	2.3E+04	5.5E+04		1.6E+04	
1.9E-03	P			2.0E-01	I					1.4E+09			0.1	-Butyl Benzyl Phthalate	85-68-7	1.7E+03	4.1E+03		1.2E+03	2.3E+05	5.5E+05		1.6E+05	
				1.0E+00	I					1.4E+09			0.1	-Butylphthalyl Butylglycolate	85-70-1					1.2E+06	2.8E+06		8.2E+05	
				1.0E-01	I					1.4E+09			0.1	-Dibutyl Phthalate	84-74-2					1.2E+05	2.8E+05		8.2E+04	
				8.0E-01	I					1.4E+09			0.1	-Diethyl Phthalate	84-66-2					9.3E+05	2.2E+06		6.6E+05	
				1.0E-01	I		V			1.4E+09	2.1E+04		1	-Dimethylterephthalate	120-61-6					1.2E+05			1.2E+05	
				1.0E-02	P					1.4E+09			0.1	-Octyl Phthalate, di-N-	117-84-0					1.2E+04	2.8E+04		8.2E+03	
				1.0E+00	H					1.4E+09			0.1	-Phthalic Acid, P-	100-21-0					1.2E+06	2.8E+06		8.2E+05	
				2.0E+00	I	2.0E-02	C			1.4E+09			0.1	-Phthalic Anhydride	85-44-9					2.3E+06	5.5E+06	1.2E+08	1.6E+06	
				7.0E-02	I					1.4E+09			0.1	Picloram	1918-02-1					8.2E+04	1.9E+05		5.7E+04	
				1.0E-04	X					1.4E+09			0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.2E+02	2.8E+02		8.2E+01	
				9.0E-04	X					1.4E+09			0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.1E				



Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)													Toxicity and Chemical-specific Information													Contaminant													Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO	K <sub>e</sub>	IUR	K <sub>e</sub>	RfD <sub>c</sub>	RfC <sub>c</sub>	RfD <sub>n</sub>	RfC <sub>n</sub>	RT <sub>1</sub>	RT <sub>2</sub>	muta-	C <sub>sat</sub>	PEF	VF	GI/ABS	ABS	Analyte	CAS No.	Ingestion SL	Dermal SL	Inhalation SL	Carcinogenic SL	Ingestion SL	Dermal SL	Inhalation SL	Noncancer	Hazard Index (HI) = 1																				
(mg/kg-day) <sup>-1</sup>	(y)	(ug/m <sup>3</sup> ) <sup>-1</sup>	(y)	(mg/kg-day)	(mg/m <sup>3</sup> )	(y)	(mg/m <sup>3</sup> )	(y)	(y)	(y)	(mg/kg)	(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)	(m <sup>3</sup> /kg)			TR=1E-06	TR=1E-06	TR=1E-06	TR=1E-06	TR=1E-06	TR=1E-06	TR=1E-06	TR=1E-06	TR=1E-06																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	2.4E+06	1	0.14	+Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	8.4E-01	1.4E+00	2.6E+01	5.2E-01	2.7E+01	4.6E+01	1.4E+04	1.7E+01	1.7E+01																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	1.6E+06	1	0.14	+Hexachlorobiphenyl, 2,3,4,4',5,5'-(PCB 167)	52663-72-6	8.4E-01	1.4E+00	1.7E+01	5.1E-01	2.7E+01	4.6E+01	9.2E+03	1.7E+01	1.7E+01																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	1.0E+06	1	0.14	+Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+01	4.6E+01	6.1E+03	1.7E+01	1.7E+01																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	1.1E+06	1	0.14	+Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38390-08-4	8.4E-01	1.4E+00	1.2E+01	5.0E-01	2.7E+01	4.6E+01	6.5E+03	1.7E+01	1.7E+01																				
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V				1.4E+09	1.6E+06	1	0.14	+Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	8.4E-04	1.4E-03	1.7E-02	5.1E-04	2.7E-02	4.6E-02	9.2E+00	1.7E-02	1.7E-02																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	7.3E+05	1	0.14	+Pentachlorobiphenyl, 2',3,4,4',5-(PCB 123)	65510-44-3	8.4E-01	1.4E+00	7.9E+00	4.9E-01	2.7E+01	4.6E+01	4.3E+03	1.7E+01	1.7E+01																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	5.9E+05	1	0.14	+Pentachlorobiphenyl, 2,3,4,4',5-(PCB 118)	31508-00-6	8.4E-01	1.4E+00	6.3E+00	4.9E-01	2.7E+01	4.6E+01	3.4E+03	1.7E+01	1.7E+01																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	6.0E+05	1	0.14	+Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	8.4E-01	1.4E+00	6.5E+00	4.9E-01	2.7E+01	4.6E+01	3.5E+03	1.7E+01	1.7E+01																				
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V				1.4E+09	1.1E+06	1	0.14	+Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+01	4.6E+01	6.1E+03	1.7E+01	1.7E+01																				
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V				1.4E+09	7.3E+05	1	0.14	+Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	2.5E-04	4.2E-04	2.3E-03	1.5E-04	8.2E-03	1.4E-02	1.3E+00	5.1E-03	5.1E-03																				
2.0E+00	I	5.7E-04	I					V				1.4E+09	5.3E+05	1	0.14	+Polychlorinated Biphenyls (high risk)	1336-36-3	1.6E+00	2.8E+00	1.1E+01	9.4E-01																									
4.0E-01	I	1.0E-04	I					V				1.4E+09		1	0.14	+Polychlorinated Biphenyls (low risk)	1336-36-3																													
7.0E-02	I	2.0E-05	I					V				1.4E+09		1	0.14	+Polychlorinated Biphenyls (lowest risk)	1336-36-3																													
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V				1.4E+09		1	0.14	+Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	2.5E-01	4.2E-01	4.4E+03	1.6E-01	8.2E+00	1.4E+01	2.4E+06	5.1E+00	5.1E+00																				
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V				1.4E+09	5.1E+05	1	0.14	+Tetrachlorobiphenyl, 3,3',4,4'-(PCB 81)	70362-50-4	8.4E-02	1.4E-01	5.5E-01	4.8E-02	2.7E+00	4.6E+00	3.0E+02	1.7E+00	1.7E+00																				
				6.0E-04	I			V				1.4E+09		1	0.1	Polymeric Methylenediphenyl Diisocyanate (PMDI)	9016-87-9																													
				6.0E-02	I			V				1.4E+09	1.4E+05	1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)	83-32-9																													
				3.0E-01	I			V				1.4E+09	5.2E+05	1	0.13	-Acenaphthene	120-12-7																													
								V				1.4E+09	4.4E+06	1	0.13	-Anthracene	120-12-7																													
7.3E-01	E	1.1E-04	C					V	M			1.4E+09		1	0.13	-Benz[a]anthracene	56-55-3	4.5E+00	8.1E+00	4.9E+02	2.9E+00																									
1.2E+00	C	1.1E-03	C									1.4E+09		1	0.13	-Benzo[j]fluoranthene	205-82-3	2.7E+00	5.0E+00	1.5E+05	1.8E+00																									
7.3E+00	I	1.1E-03	C									1.4E+09		1	0.13	-Benzo[a]pyrene	50-32-8	4.5E-01	8.1E-01	1.5E+04	2.9E-01																									
7.3E-01	E	1.1E-04	C									1.4E+09		1	0.13	-Benzo[b]fluoranthene	205-99-2	4.5E+00	8.1E+00	1.5E+05	2.9E+00																									
7.3E-02	E	1.1E-04	C									1.4E+09		1	0.13	-Benzo[k]fluoranthene	207-08-9	4.5E+01	8.1E+01	1.5E+05	2.9E+01																									
				8.0E-02	I			V				1.4E+09	8.0E+04	1	0.13	-Chloronaphthalene, Beta-	91-58-7																													
7.3E-03	E	1.1E-05	C									1.4E+09		1	0.13	-Chrysene	218-01-9	4.5E+02	8.1E+02	1.5E+06	2.9E+02																									
7.3E+00	E	1.2E-03	C									1.4E+09		1	0.13	-Dibenz[a,h]anthracene	53-70-3	4.5E-01	8.1E-01	1.4E+04	2.9E-01																									
1.2E+01	C	1.1E-03	C									1.4E+09		1	0.13	-Dibenzo[a,e]pyrene	192-65-4	2.7E-01	5.0E-01	1.5E+04	1.8E-01																									
2.5E+02	C	7.1E-02	C									1.4E+09		1	0.13	-Dimethylbenz[a]anthracene, 7,12-	57-97-6	1.3E-02	2.4E-02	2.3E+02	8.4E-03																									
				4.0E-02	I			V				1.4E+09		1	0.13	-Fluoranthene	206-44-0																													
				4.0E-02	I			V				1.4E+09	2.8E+05	1	0.13	-Fluorene	86-73-7																													
7.3E-01	E	1.1E-04	C									1.4E+09		1	0.13	-Indeno[1,2,3-cd]pyrene	193-39-5	4.5E+00	8.1E+00	1.5E+05	2.9E+00																									
2.9E-02	P			7.0E-02	A			V			3.9E+02	1.4E+09	5.9E+04	1	0.13	-Methylnaphthalene, 1-	90-12-0	1.1E+02	2.0E+02		7.3E+01																									
				4.0E-03	I			V				1.4E+09	5.8E+04	1	0.13	-Methylnaphthalene, 2-	91-57-6																													
				3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1.4E+09	4.6E+04	1	0.13	-Naphthalene	91-20-3																													
1.2E+00	C	1.1E-04	C									1.4E+09		1	0.13	-Nitropyrene, 4-	57835-92-4	2.7E+00	5.0E+00	1.7E+01	1.7E+01	2.3E+04	4.2E+04	6.1E+02	5.9E+02	5.9E+02																				
				3.0E-02	I			V				1.4E+09	2.4E+06	1	0.13	-Pyrene	129-00-0																													
1.5E-01	I			2.0E-02	P							1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	2.2E+01	5.2E+01		1.5E+01																									
				9.0E-03	H							1.4E+09		1	0.1	Prochloraz	67747-09-5																													
				6.0E-03	H			V				1.4E+09	4.2E+05	1	0.1	Profuralin	26399-36-0																													
				1.5E-02	I							1.4E+09		1	0.1	Prometon	1610-18-0																													
				4.0E-03	I							1.4E+09		1	0.1	Prometryn	7287-19-6																													
				1.3E-02	I							1.4E+09		1	0.1	Propachlor	1918-16-7																													
				5.0E-03	I							1.4E+09		1	0.1	Propanil	709-98-8																													
				2.0E-02	I							1.4E+09		1	0.1	Propargite	2312-35-8																													
				2.0E-03	I			V			1.1E+05	1.4E+09	6.3E+04	1	0.1	Propargyl Alcohol	107-19-7																													
				2.0E-02	I							1.4E+09		1	0.1	Propazine	139-40-2																													
				2.0E-02	I							1.4E+09		1	0.1	Propiam	122-42-9																													
				1.3E-02	I							1.4E+09		1	0.1	Propiconazole	60207-90-1																													
				8.0E-03	I	V					3.3E+04	1.4E+09	8.9E+03	1	0.1	Propionaldehyde	1																													



Toxicity and Chemical-specific Information												Contaminant	Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) <sup>-1</sup>	ke (ug/m <sup>3</sup> ) <sup>-1</sup>	ke (ug/m <sup>3</sup> ) <sup>-1</sup>	RfD <sub>h</sub> (mg/kg-day)	RfC <sub>h</sub> (mg/m <sup>3</sup> )	RT <sub>h</sub> (y)	muta- gen	C <sub>soil</sub> (mg/kg)	PEF (m <sup>3</sup> /kg)	VF (m <sup>3</sup> /kg)	GI/ABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
7.0E-03	X		3.0E-05 8.0E-04	X		V		1.4E+09 1.4E+09	3.2E+04	1	0.1	Trichloroaniline, 2,4,6- Trichlorobenzene, 1,2,3-	634-93-5 87-61-6	4.7E+02	1.1E+03		3.3E+02	3.5E+01 9.3E+02	8.3E+01		2.5E+01 9.3E+02	
2.9E-02	P		1.0E-02 2.0E+00	I	2.0E-03 5.0E+00	P V		4.0E+02 6.4E+02	1.4E+09 1.7E+03	1		Trichlorobenzene, 1,2,4- Trichloroethane, 1,1,1- Trichloroethane, 1,1,2-	120-82-1 71-55-6 79-00-5	1.1E+02			1.1E+02	1.2E+04 2.3E+06 4.7E+03	2.6E+02 3.6E+04 6.3E+00	2.6E+02 3.6E+04 6.3E+00		
5.7E-02	I	1.6E-05	4.0E-03	I	2.0E-04	X V		2.2E+03	1.4E+09	7.2E+03	1		Trichloroethylene Trichlorofluoromethane Trichlorophenol, 2,4,5-	79-01-6 75-69-4 95-95-4	5.7E+01	7.1E+01	6.6E+00	5.0E+00	5.8E+02 3.5E+05 1.2E+05	1.9E+01 3.5E+05 2.8E+05	1.9E+01 3.5E+05 8.2E+04	
4.6E-02	I	4.1E-06	5.0E-04 1.0E-01	I	2.0E-03	I V	M	6.9E+02 1.2E+03	1.4E+09 1.0E+03	2.2E+03	1	0.1	Trichlorophenol, 2,4,6- Trichlorophenoxyacetic Acid, 2,4,5- Trichlorophenoxypropionic acid, -2,4,5	88-06-2 93-76-5 93-72-1	3.0E+02	7.0E+02	5.4E+06	2.1E+02	1.2E+03 1.2E+04 9.3E+03	2.8E+03 2.8E+04 2.2E+04	8.2E+02 8.2E+03 6.6E+03	
1.1E-02	I	3.1E-06	1.0E-03 1.0E-02 8.0E-03	I		P		1.4E+09 1.4E+09 1.4E+09			1	0.1	Trichloropropane, 1,1,2- Trichloropropane, 1,2,3- Trichloropropane, 1,2,3-	598-77-6 96-18-4 96-19-5	1.1E-01		1.1E-01	5.8E+03 4.7E+03 3.5E+03	2.1E+01 3.1E+00	5.8E+03 2.1E+01 3.1E+00		
3.0E+01	I		5.0E-03 4.0E-03 3.0E-03	I		V I V X	M	1.3E+03 1.4E+03 3.1E+02	1.4E+09 1.6E+04 2.3E+03	1.5E+04	1		Tricresyl Phosphate (TCP) Triphane Triethylamine	1330-78-5 58138-08-2 121-44-8				2.3E+04 3.5E+03	5.5E+04 8.3E+03	1.6E+04 2.5E+03 4.8E+02	1.6E+04 2.5E+03 4.8E+02	
7.7E-03	I		2.0E+00 7.5E-03	P I		P V		4.8E+03	1.4E+09	7.1E+02	1	0.1	Triethylene Glycol Trifluoroethane, 1,1,1- Trifluralin	112-27-6 420-46-2 1582-09-8	4.2E+02		4.2E+02	8.8E+03	5.5E+06	6.2E+04	1.6E+06 6.2E+04 8.8E+03	
2.0E-02	P		1.0E-02	P		P V		1.4E+09	1.4E+09	9.4E+03	1	0.1	Trimethyl Phosphate Trimethylbenzene, 1,2,3- Trimethylbenzene, 1,2,4-	512-56-1 526-73-8 95-63-6	1.6E+02	3.9E+02	1.1E+02	1.2E+04 1.2E+04 3.5E+04	2.8E+04	2.1E+02 2.4E+02	8.2E+03 2.1E+02 2.4E+02	
3.0E-02	I		1.0E-02 1.0E-02 3.0E-02	X X I		V V		1.8E+02 3.0E+01	1.4E+09 1.0E+03	6.6E+03	1	0.019	Trimethylbenzene, 1,3,5- Trimethylpentene, 2,4,4- Trinitrobenzene, 1,3,5-	108-67-8 25167-70-8 99-35-4				1.2E+04 1.2E+04 3.5E+04	4.4E+05	1.2E+04 1.2E+04 3.2E+04		
2.3E+00	C	6.6E-04	1.0E-02	X		V		4.7E+02	1.4E+09	9.0E+05	1	0.1	Trinitrotoluene, 2,4,6- Triphenylphosphine Oxide Tris(1,3-Dichloro-2-propyl) Phosphate	118-96-7 791-28-6 13674-87-8	1.1E+02	8.0E+02		9.6E+01	5.8E+02 2.3E+04 2.3E+04	4.3E+03 5.5E+04 5.5E+04	5.1E+02 1.6E+04 1.6E+04	
2.0E-02	P		7.0E-03	P				1.4E+09	1.4E+09		1	0.1	Tris(1-chloro-2-propyl)phosphate Tris(2,3-dibromopropyl)phosphate Tris(2-chloroethyl)phosphate	13674-84-5 126-72-7 115-96-8	1.4E+00 1.6E+02	3.9E+02	1.7E+01	1.3E+00 1.1E+02	8.2E+03 1.9E+04	5.7E+03		
3.2E-03	P		1.0E-01 8.0E-04 3.0E-03	P P I				1.4E+09	1.4E+09		1	0.1	Tris(2-ethylhexyl)phosphate Tungsten Uranium (Soluble Salts)	78-42-2 7440-33-7 NA	1.0E+03	2.4E+03		7.2E+02	1.2E+05 9.3E+02 3.5E+03	2.8E+05	8.2E+04 9.3E+02 3.5E+03	
1.0E+00	C	2.9E-04	8.3E-03	C			M	1.4E+09	1.4E+09		1	0.1	Urethane Vanadium Pentoxide Vanadium and Compounds	51-79-6 1314-62-1 7440-62-2	3.3E+00	7.7E+00	5.7E+04 2.0E+03	2.3E+00 2.0E+03	1.1E+04 5.9E+03	4.2E+04 6.0E+05	8.4E+03 5.8E+03	
7.2E-01	I	4.4E-06	1.0E-03 2.5E-02 1.0E+00	I I H		V I V		1.4E+09 1.4E+09	1.2E+05	1.4E+03	1	0.1	Vernolate Vinclozolin Vinyl Acetate	1929-77-7 50471-44-8 108-05-4				1.2E+03 2.9E+04 1.2E+06	6.9E+04	1.2E+03 2.1E+04 3.9E+03		
3.2E-05	H		3.0E-03	I	3.0E-03	I V		2.5E+03	1.4E+09	1.4E+03	1		Vinyl Bromide Vinyl Chloride Warfarin	593-60-2 75-01-4 81-81-2	4.5E+00		5.2E-01 2.7E+00	5.2E-01 1.7E+00	3.5E+03 3.5E+02	8.3E+02	1.8E+01 4.2E+02	1.8E+01 3.7E+02 2.5E+02
2.0E-01	S	1.0E-01	2.0E-01	S	1.0E-01	S V		3.9E+02	1.4E+09	5.6E+03	1		Xylene, p- Xylene, m- Xylene, o-	106-42-3 108-38-3 95-47-6				2.3E+05 2.3E+05 2.3E+05	2.4E+03 2.4E+03 2.8E+03	2.4E+03 2.4E+03 2.8E+03		
2.0E-01	I	1.0E-01	3.0E-04 3.0E-01	I I	1.0E-01	I V		2.6E+02	1.4E+09	5.7E+03	1		Xylenes Zinc Phosphide Zinc and Compounds	1330-20-7 1314-84-7 7440-66-6				2.3E+05 3.5E+02 3.5E+05	2.5E+03	2.5E+03	2.5E+03 3.5E+02 3.5E+05	
5.0E-02	I		8.0E-05	X				1.4E+09	1.4E+09		1	0.1	Zineb Zirconium	12122-67-7 7440-67-7				5.8E+04 9.3E+01	1.4E+05	4.1E+04 9.3E+01		