

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfD <sub>o</sub>	k <sub>e</sub>	RfC <sub>o</sub>	k <sub>e</sub>	muta	C <sub>sat</sub>	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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)	
				1.2E-03	O					1.36E+09			0.1	Acephate	30560-19-1									
		2.2E-06	I	2.0E-02	I	9.0E-03	I V		1.07E+05	1.36E+09	8.72E+03	1	0.1	Acetaldehyde	75-07-0									
				9.0E-01	I	3.1E+01	A V		1.14E+05	1.36E+09	1.37E+04	1	0.1	Acetone	67-64-1			1.1E+01	1.1E+01					
				2.0E-03	X	6.0E-02	I V		1.28E+05	1.36E+09	1.30E+04	1	0.1	Acetone Cyanohydrin	75-86-5									
				1.0E-01	I	2.52E+03	V		2.27E+04	1.36E+09	5.97E+04	1	0.1	Acetonitrile	75-05-8									
3.8E+00	C	1.3E-03	C	5.0E-04	I	2.0E-05	I V		2.27E+04	1.36E+09	6.91E+03	1	0.1	Acetophenone	98-86-2	1.8E-01	6.5E-01	2.9E+03	1.4E-01					
				2.0E-03	I	6.0E-03	I M			1.36E+09		1	0.1	Acetylaminofluorene, 2-Acrolein	53-96-3									
5.0E-01	I	1.0E-04	I	5.0E-01	I	1.0E-03	I V		1.09E+05	1.36E+09	9.53E+04	1	0.1	Acrylic Acid	79-10-7	3.1E-01	1.2E+00	1.4E+04	2.4E-01					
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I V		1.13E+04	1.36E+09	7.69E+03	1	0.1	Acrylonitrile	107-13-1	1.3E+00		3.2E-01	2.5E-01					
				6.0E-03	P					1.36E+09		1	0.1	Adiponitrile	111-69-3									
5.6E-02	C			1.0E-02	I					1.36E+09		1	0.1	Alachlor	15972-60-8	1.2E+01	4.4E+01		9.7E+00					
				1.0E-03	I					1.36E+09		1	0.1	Aldicarb	116-06-3									
				1.0E-03	I					1.36E+09		1	0.1	Aldicarb Sulfone	1646-88-4									
1.7E+01	I	4.9E-03	I	3.0E-05	I		V			1.36E+09	1.72E+06	1	0.1	Aldicarb sulfoxide	1646-87-3									
				5.0E-03	I	1.0E-04	X V		1.11E+05	1.36E+09	3.42E+04	1	0.1	Aldrin	309-00-2	4.1E-02		9.8E-01	3.9E-02					
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.42E+03	1.36E+09	1.58E+03	1	0.1	Allyl Alcohol	107-18-6	3.3E+01		7.4E-01	7.2E-01					
				4.0E-04	I					1.36E+09		1	0.1	Allyl Chloride	107-05-1									
2.1E+01	C	6.0E-03	C	9.0E-03	I					1.36E+09		1	0.1	Aluminum	7429-90-5									
				8.0E-02	P					1.36E+09		1	0.1	Aluminum Phosphide	20859-73-8									
				4.0E-03	X					1.36E+09		1	0.1	Ametryn	834-12-8									
				2.0E-02	P					1.36E+09		1	0.1	Aminobiphenyl, 4-	92-67-1	3.3E-02	1.2E-01	6.4E+02	2.6E-02					
				2.5E-03	I	5.0E-01	I V			1.36E+09		1	0.1	Aminophenol, m-	591-27-5									
				2.0E-01	I					1.36E+09		1	0.1	Aminophenol, o-	95-55-6									
				2.0E-01	I					1.36E+09		1	0.1	Aminophenol, p-	123-30-8									
5.7E-03	I	1.6E-06	C	7.0E-03	P	3.0E-03	X V		1.37E+04	1.36E+09	2.62E+04	1	0.1	Amitraz	33089-61-1									
4.0E-02	P			2.0E-03	X	1.0E-03	I		1.42E+03	1.36E+09	1.58E+03	1	0.1	Ammonia	7664-41-7									
				4.0E-04	I					1.36E+09		0.15		Ammonium Sulfamate	7773-06-0									
				5.0E-04	H					1.36E+09		0.15		Amyl Alcohol, tert-	75-85-4	1.2E+02	4.3E+02	2.4E+06	9.5E+01					
				4.0E-04	H					1.36E+09		0.15		Aniline	62-53-3	1.7E+01	6.2E+01		1.4E+01					
				4.0E-04	H					1.36E+09		0.15		Anthraquinone, 9,10-	84-65-1									
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1.36E+09		1	0.03	Antimony (metallic)	7440-36-0									
				3.5E-06	C	5.0E-05	I			1.36E+09		1	0.1	Antimony Pentoxide	1314-60-9									
				3.6E-02	O					1.36E+09		0.15		Antimony Tetroxide	1332-81-6									
2.3E-01	C			3.5E-02	I					1.36E+09		0.1		Antimony Trioxide	1309-64-4									
8.8E-01	C	2.5E-04	C	3.0E-04	I	1.5E-05	C			1.36E+09		1	0.03	Arsenic, inorganic	7440-38-2	7.7E-01	5.5E+00	8.9E+02	6.8E-01					
				3.6E-02	O					1.36E+09		0.1		Arsine	7784-42-1									
				3.5E-02	I					1.36E+09		0.1		Asulam	3337-71-1									
				3.0E-02	I					1.36E+09		0.1		Atrazine	1912-24-9	3.0E+00	1.1E+01		2.4E+00					
				4.0E-04	I					1.36E+09		0.1		Auramine	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01					
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A			1.36E+09		0.1		Avermectin B1	65195-55-3									
				1.0E+00	P	7.0E-06	P			1.36E+09		0.1		Azinphos-methyl	86-50-0	6.3E+00		4.7E+01	5.6E+00					
				2.0E-01	I	5.0E-04	H			1.36E+09		0.07		Azobenzene	103-33-3									
				5.0E-03	O					1.36E+09	3.07E+05	1	0.1	Azodicarbonamide	123-77-3									
				5.0E-02	I					1.36E+09		0.1		Barium	7440-39-3									
				2.0E-01	I					1.36E+09		0.1		Benfluralin	1861-40-1									
				3.0E-02	I					1.36E+09		0.1		Benomyl	17804-35-2									
4.0E-03	P			1.0E-01	I					1.36E+09	2.25E+04	1	0.1	Benzofuran-methyl	83055-99-6									
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I V		1.82E+03	1.36E+09	3.54E+03	1	0.1	Bentazon	25057-89-0									
1.0E-01	X			3.0E-04	X					1.36E+09		0.1		Benzaldehyde	100-52-7									
				1.0E-03	P					1.36E+09		0.1		Benzene	71-43-2	1.7E+02		1.3E+00	1.7E+02					
2.3E+02	I	6.7E-02	I	1.0E-03	I					1.36E+09	1.94E+04	1	0.1	Benzene	71-43-2	3.1E+01								
				4.0E+00	I					1.36E+09		0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.0E+00	2.5E+01		5.4E+00					
				1.0E-03	P					1.36E+09		0.1		Benzenethiol	108-98-5									
				3.0E-03	I					1.36E+09		0.1		Benzidine	92-87-5	6.7E-04	2.6E-03	2.1E+01	5.3E-04					
				4.0E+00	I					1.36E+09		0.1		Benzoic Acid	65-85-0									
1.3E+01	I			1.0E-01	P					1.36E+09	6.76E+04	1	0.1	Benzotrichloride	98-07-7									
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P V		1.46E+03	1.36E+09	2.55E+04	1	0.1	Benzyl Alcohol	100-51-6									
				2.0E-03	I	2.0E-05	I			1.36E+09		0.007		Benzyl Chloride	100-44-7	4.1E+00		1.5E+00	1.1E+00					
				9.0E-03	P					1.36E+09		0.1		Beryllium and compounds	7440-41-7									
				1.5E-02	I					1.36E+09		0.1		Bifenox	42576-02-3									
8.0E-03	I			5.0E-01	I	4.0E-04	X V			1.36E+09	1.14E+05	1	0.1	Biphenthrin	82657-04-3									
				4.0E-02	I					1.36E+09		0.1		Biphenyl, 1,1'-	92-52-4	8.7E+01								
				3.0E-03	P					1.36E+09		0.1		Bis(2-chloro-1-methylethyl) ether	108-60-1									
1.1E+00	I	3.3E-04	I							1.36E+09		0.1		Bis(2-chloroethoxy)methane										

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SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>o</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	muta gen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)		
2.0E+00	X	6.0E-04	X	3.0E-04	X	2.38E+03	V		2.38E+03	1.36E+09	5.92E+03	1		Bromo-2-chloroethane, 1-	107-04-0	3.5E-01		2.8E-02	2.6E-02						
				3.0E-04	X	8.96E+02	V		1.36E+09	1.12E+04	1			Bromo-3-fluorobenzene, 1-	1073-06-9					2.3E+00			2.3E+00		
				3.0E-04	X	3.23E+02	V		1.36E+09	1.14E+04	1			Bromo-4-fluorobenzene, 1-	460-00-4					2.3E+00			2.3E+00		
				8.0E-03	I	6.0E-02	I		6.79E+02	1.36E+09	8.37E+03	1		Bromobenzene	108-86-1					6.3E+01		5.2E+01	2.9E+01		
				4.0E-02	X	4.04E+03	V		1.36E+09	3.58E+03	1			Bromochloromethane	74-97-5							5.2E+01	1.5E+01		
6.2E-02	I	3.7E-05	C	2.0E-02	I	9.32E+02	V		1.36E+09	3.97E+03	1			Bromodichloromethane	75-27-4	1.1E+01		3.0E-01	2.9E-01	1.6E+02			1.6E+02	1.6E+02	
7.9E-03	I	1.1E-06	I	2.0E-02	I	9.15E+02	V		1.36E+09	9.70E+03	1			Bromoforn	75-25-2	8.8E+01		2.5E+01	1.9E+01	1.6E+02			1.6E+02	1.6E+02	
				1.4E-03	I	5.0E-03	I		3.59E+03	1.36E+09	1.40E+03	1		Bromomethane	74-83-9					1.1E+01		7.3E-01	6.8E-01		
				5.0E-03	H		V		1.36E+09	1.24E+05	1			Bromophos	2104-96-3					3.9E+01			3.9E+01		
1.0E-01	O	1.5E-02	O	1.0E-01	A	9.66E+02	V		1.36E+09	2.14E+03	1	0.1		Bromopropane, 1-	106-94-5					2.2E+01			2.2E+01		
				1.5E-02	O		V		1.36E+09					Bromoxynil	1689-84-5	6.7E+00	2.4E+01		5.3E+00	1.2E+02	4.9E+02			1.2E+02	9.5E+01
1.0E-01	O	1.5E-02	O	2.0E-03	I	6.67E+02	V		1.36E+09	4.74E+05	1			Bromoxynil Octanoate	1689-99-2	6.7E+00			6.7E+00	1.2E+02				1.2E+02	1.2E+02
3.4E+00	C	3.0E-05	I	3.0E-02	O		V		1.36E+09	8.66E+02	1	0.1		Butadiene, 1,3-	106-99-0	2.0E-01		8.1E-02	5.8E-02	1.2E+02		1.8E-01	1.8E-01	1.8E-01	
				1.0E-01	I	7.64E+03	V		1.36E+09	3.00E+04	1			Butanoic acid, 4-(2,4-dichlorophenoxy)-	94-82-6					2.3E+02	9.9E+02			1.9E+02	1.9E+02
				2.0E+00	P	3.0E+01	P		2.13E+04	1.36E+09	2.92E+04	1		Butanol, n-	71-36-3					7.8E+02			7.8E+02	7.8E+02	
				5.0E-02	X		V		1.36E+09	8.63E+04	1			Butyl alcohol, sec-	78-92-2					1.6E+04		9.1E+04	1.3E+04	1.3E+04	
				5.0E-02	X		V		1.36E+09					Butylate	2008-41-5					3.9E+02			3.9E+02	3.9E+02	
2.0E-04	C	5.7E-08	C	3.0E-01	P	1.36E+09			1.36E+09			0.1		Butylated hydroxyanisole	25013-16-5	3.5E+03	1.2E+04	6.7E+07	2.7E+03	2.3E+03	9.9E+03			1.9E+03	1.9E+03
3.6E-03	P			5.0E-02	P	1.08E+02	V		1.36E+09	8.14E+03	1	0.1		Butylated hydroxytoluene	128-37-0	1.9E+02	6.9E+02		1.5E+02	3.9E+02			9.9E+03	3.9E+02	
				1.0E-01	X	1.45E+02	V		1.36E+09	7.35E+03	1			Butylbenzene, sec-	135-98-8					7.8E+02			7.8E+02	7.8E+02	
				1.0E-01	X	1.83E+02	V		1.36E+09	7.36E+03	1			Butylbenzene, tert-	98-06-6					7.8E+02			7.8E+02	7.8E+02	
				2.0E-02	A				1.36E+09			0.1		Cacodylic Acid	75-60-5					1.6E+02	6.6E+02			1.3E+02	1.3E+02
1.8E-03	I	1.0E-03	I	1.0E-05	A	1.36E+09			1.36E+09			0.025	0.001	Cadmium (Diet)	7440-43-9			2.1E+03	2.1E+03	7.8E+00	8.2E+01	1.4E+03		7.1E+00	7.1E+00
1.8E-03	I	5.0E-04	I	1.0E-05	A	1.36E+09			1.36E+09			0.05	0.001	Cadmium (Water)	7440-43-9					3.9E+03	1.6E+04	3.1E+05		3.1E+03	3.1E+03
				5.0E-01	I	2.2E-03	C		1.36E+09				0.1	Caprolactam	105-60-2					3.9E+03	1.6E+04	3.1E+05		3.1E+03	3.1E+03
1.5E-01	C	4.3E-05	C	2.0E-03	I	1.36E+09			1.36E+09				0.1	Captafol	2425-06-1	4.6E+00	1.6E+01	8.9E+04	3.6E+00	1.6E+01	6.6E+01			1.3E+01	1.3E+01
2.3E-03	C	6.6E-07	C	1.3E-01	I	1.36E+09			1.36E+09				0.1	Captan	133-06-2	3.0E+02	1.1E+03	5.8E+06	2.4E+02	1.0E+03	4.3E+03			8.2E+02	8.2E+02
				1.0E-01	I	1.36E+09			1.36E+09				0.1	Carbaryl	63-25-2					7.8E+02	3.3E+03			6.3E+02	6.3E+02
				5.0E-03	I	1.36E+09			1.36E+09				0.1	Carbafuran	1563-66-2					3.9E+01	1.6E+02			3.2E+01	3.2E+01
7.0E-02	I	6.0E-06	I	1.0E-01	I	7.0E-01	I	V	7.38E+02	1.36E+09	1.17E+03	1		Carbon Disulfide	75-15-0					7.8E+02			8.5E+01	7.7E+01	
				4.0E-03	I	4.58E+02	I	V	1.36E+09	1.49E+03	1			Carbon Tetrachloride	56-23-5	9.9E+00		7.0E-01	6.5E-01	3.1E+01			1.6E+01	1.0E+01	
				1.0E-01	P	5.89E+03	V		1.36E+09	6.46E+02	1			Carbonyl Sulfide	463-58-1					7.8E+01	3.3E+02			6.7E+00	6.7E+00
				1.0E-01	I	1.36E+09			1.36E+09				0.1	Carbosulfan	55285-14-8					7.8E+01	3.3E+02			6.3E+01	6.3E+01
				1.0E-01	I	1.36E+09			1.36E+09				0.1	Carboxin	5234-68-4					7.8E+02	3.3E+03			6.3E+02	6.3E+02
				9.0E-04	I	1.36E+09			1.36E+09					Ceric oxide	1306-38-3					7.8E+02			1.3E+05	1.3E+05	
				1.0E-01	I	1.36E+09	V		1.36E+09	1.45E+05	1			Chloral Hydrate	302-17-0					7.8E+02			7.8E+02	7.8E+02	
				1.5E-02	I	1.36E+09			1.36E+09				0.1	Chloramben	133-90-4					1.2E+02	4.9E+02			9.5E+01	9.5E+01
4.0E-01	H			1.36E+09		1.36E+09			1.36E+09					Chloranil	118-75-2		1.7E+00	6.1E+00	1.3E+00	3.9E+00	4.1E+01	1.1E+02		3.5E+00	3.5E+00
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1.36E+09	1.53E+06	1	0.04		Chlorodane	12789-03-6	2.0E+00	1.8E+01	4.3E+01	1.7E+00	3.9E+00	4.1E+01	1.1E+02		3.5E+00	3.5E+00
1.0E+01	I	4.6E-03	C	3.0E-04	I	1.36E+09			1.36E+09					Chlordecone (Kepone)	143-50-0	7.0E-02	2.5E-01	8.3E+02	5.4E-02	2.3E+00	9.9E+00			1.9E+00	1.9E+00
				7.0E-04	A	1.36E+09			1.36E+09				0.1	Chlorfeniphos	470-90-6					5.5E+00	2.3E+01			4.4E+00	4.4E+00
				9.0E-02	O	1.36E+09			1.36E+09				0.1	Chlorimuron, Ethyl-	90982-32-4					7.0E+02	3.0E+03			5.7E+02	5.7E+02
				1.0E-01	I	1.5E-04	A	V	2.78E+03	1.36E+09	1.22E+03	1		Chlorine	7782-50-5					7.8E+02			1.8E-02	1.8E-02	
				3.0E-02	I	2.0E-04	I	V	1.36E+09					Chlorine Dioxide	10049-04-4					2.3E+02			2.8E+04	2.3E+02	
				3.0E-02	I	1.36E+09			1.36E+09					Chionite (Sodium Salt)	7758-19-2					2.3E+02			2.3E+02	2.3E+02	
				5.0E+01	I	1.15E+03	I	V	1.36E+09	1.03E+03	1			Chloro-1,1-difluoroethane, 1-	75-68-3								5.4E+03	5.4E+03	
4.6E-01	H			3.0E-04	I	2.0E-02	H	2.0E-02	I	7.86E+02	1.36E+09	1.08E+03	1	Chloro-1,3-butadiene, 2-	126-99-8			1.0E-02	1.0E-02	1.6E+02			2.2E+00	2.2E+00	
1.0E-01	P	7.7E-05	C	3.0E-03	X	1.36E+09			1.36E+09				0.1	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.5E+00	5.4E+00		1.2E+00	1.6E+02			2.2E+00	2.2E+00	
2.7E-01	X					1.36E+09			1.36E+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	1.9E+01
				3.0E-05	I	1.36E+09			1.36E+09				0.1	Chloroacetaldehyde, 2-	107-20-0				2.6E+00						
				3.0E-05	I	1.36E+09			1.36E+09				0.1	Chloroacetic Acid	79-11-8									4.3E+03	4.3E+03
				3.0E-05	I	1.36E+09			1.36E+09				0.1	Chloroacetophenone, 2-	532-27-4										

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1								
SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>o</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	v <sub>o</sub>	muta gen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)			
5.0E-02	O										1.36E+09				1	0.1	Chlorpropham	101-21-3					3.9E+02	1.6E+03		3.2E+02	
1.0E-03	A										1.36E+09				1	0.1	Chlorpyrifos	2921-88-2					7.8E+00	3.3E+01		6.3E+00	
1.0E-02	H										1.36E+09				1	0.1	Chlorpyrifos Methyl	5598-13-0					7.8E+01	3.3E+02		6.3E+01	
5.0E-02	O										1.36E+09				1	0.1	Chlorsulfuron	64902-72-3					3.9E+02	1.6E+03		3.2E+02	
1.0E-02	I										1.36E+09				1	0.1	Chlorthal-dimethyl	1861-32-1					7.8E+01	3.3E+02		6.3E+01	
8.0E-04	H										1.36E+09				1	0.1	Chlorthiophos	60238-56-4					6.3E+00	2.6E+01		5.1E+00	
1.5E+00	I										1.36E+09		0.013				Chromium(III), Insoluble Salts	16065-83-1					1.2E+04			1.2E+04	
5.0E-01	C	8.4E-02	S	3.0E-03	I	1.0E-04	I	M			1.36E+09		0.025				Chromium(VI)	18540-29-9	3.1E-01		1.6E+01	3.0E-01	2.3E+01		1.4E+04	2.3E+01	
											1.36E+09		0.013				Chromium, Total	7440-47-3									
											1.36E+09				1	0.1	Clofentazine	74115-24-5					1.0E+02	4.3E+02		8.2E+01	
9.0E-03	P	3.0E-04	P	6.0E-06	P						1.36E+09				1		Cobalt	7440-48-4			4.2E+02	4.2E+02	2.3E+00		8.5E+02	2.3E+00	
6.2E-04	I										1.36E+09				1		Coke Oven Emissions	8007-45-2									
											1.36E+09				1		Copper	7440-50-8					3.1E+02			3.1E+02	
											1.36E+09				1	0.1	Cresol, m-	108-39-4					3.9E+02	1.6E+03	8.5E+07	3.2E+02	
											1.36E+09				1	0.1	Cresol, o-	95-48-7					3.9E+02	1.6E+03	8.5E+07	3.2E+02	
											1.36E+09				1	0.1	Cresol, p-	106-44-5					7.8E+02	3.3E+03	8.5E+07	6.3E+02	
											1.36E+09				1	0.1	Cresol, p-chloro-m-	59-50-7					7.8E+02	3.3E+03	8.5E+07	6.3E+02	
											1.36E+09				1	0.1	Cresols	1319-77-3					7.8E+02	3.3E+03	8.5E+07	6.3E+02	
1.9E+00	H										1.36E+09	1.89E+04					Crotonaldehyde, trans-	123-73-9	3.7E-01			3.7E-01	7.8E+00			7.8E+00	
											1.36E+09	6.21E+03					Cumene	98-82-8					7.8E+02		2.6E+02	1.9E+02	
2.2E-01	C	6.3E-05	C								1.36E+09				1	0.1	Cupferron	135-20-6	3.2E+00	1.1E+01	6.1E+04	2.5E+00	8.3E-01	6.6E+01		1.3E+01	
8.4E-01	H										1.36E+09				1	0.1	Cyanazine	21725-46-2					1.6E+01	6.6E+01		1.3E+01	
											1.36E+09				1		Cyanides						7.8E+00			7.8E+00	
											1.36E+09				1		~Calcium Cyanide	592-01-8					3.9E+01			3.9E+01	
											1.36E+09				1		~Copper Cyanide	544-92-3					4.7E+00		4.4E+00	2.3E+00	
6.0E-04	I	8.0E-04	S	V						9.54E+05	1.36E+09	5.33E+04			1		~Cyanide (CN-)	57-12-5					7.8E+00			7.8E+00	
1.0E-03	I										1.36E+09				1		~Cyanogen	460-19-5					7.0E+02			7.0E+02	
9.0E-02	I										1.36E+09				1		~Cyanogen Bromide	506-68-3					3.9E+02			3.9E+02	
5.0E-02	I										1.36E+09				1		~Cyanogen Chloride	506-77-4					4.7E+00		4.4E+00	2.3E+00	
6.0E-04	I	8.0E-04	I	V						1.00E+07	1.36E+09	5.22E+04			1		~Hydrogen Cyanide	74-90-8					1.6E+01			1.6E+01	
2.0E-03	I										1.36E+09				1		~Potassium Cyanide	151-50-8					3.9E+01			3.9E+01	
5.0E-03	I										1.36E+09		0.04				~Potassium Silver Cyanide	506-61-6					7.8E+02			7.8E+02	
1.0E-01	I										1.36E+09		0.04				~Silver Cyanide	506-64-9					7.8E+00			7.8E+00	
1.0E-03	I										1.36E+09				1		~Sodium Cyanide	143-33-9					7.8E+02			7.8E+02	
2.0E-04	P										1.36E+09				1		~Thiocyanates	E1790664					1.6E+00			1.6E+00	
2.0E-04	X										1.36E+09				1		~Thiocyanic Acid	463-56-9					1.6E+00			1.6E+00	
5.0E-02	I										1.36E+09				1		~Zinc Cyanide	557-21-1					3.9E+02			3.9E+02	
2.0E-02	X										1.36E+09	1.04E+03			1	0.1	Cyclohexane	110-82-7					6.5E+02			6.5E+02	
5.0E+00	I	7.0E-01	P	V						5.11E+03	1.36E+09	4.17E+04			1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.5E+01	1.2E+02		2.7E+01	1.6E+02	6.6E+02		1.3E+02	
5.0E-03	P	1.0E+00	X	V						2.83E+02	1.36E+09	1.48E+03			1		Cyclohexanone	108-94-1					3.9E+04		3.0E+03	2.8E+03	
5.0E-03	P	1.0E+00	X	V						2.83E+02	1.36E+09	1.48E+03			1		Cyclohexene	110-83-8					3.9E+01		1.5E+02	3.1E+01	
2.0E-01	I									2.93E+05	1.36E+09	7.46E+04			1		Cyclohexylamine	108-91-8					1.6E+03			1.6E+03	
2.5E-02	I										1.36E+09				1	0.1	Cyfluthrin	68359-37-5					2.0E+02	8.2E+02		1.6E+02	
1.0E-03	O										1.36E+09				1	0.1	Cyhalothrin	68085-85-8					7.8E+00	3.3E+01		6.3E+00	
5.0E-01	X										1.36E+09				1	0.1	Cyromazine	66215-27-8					3.9E+03	1.6E+04		3.2E+03	
3.0E-05	X										1.36E+09				1	0.1	DDD, p,p'- (DDD)	72-54-8	2.9E+00	1.0E+01	5.5E+04	2.3E+00	2.3E+01	9.9E-01		1.9E-01	
3.4E-01	I	9.7E-05	C	3.0E-04	X						1.36E+09	2.10E+06			1		DDE, p,p'-	72-55-9	2.0E+00		6.1E+01	2.0E+00	2.3E+00			2.3E+00	
3.4E-01	I	9.7E-05	I	5.0E-04	I						1.36E+09			0.03			DDT	50-29-3	2.0E+00	2.4E+01	3.9E+04	1.9E+00	3.9E+00	5.5E+01		3.7E+00	
											1.36E+09				1		Dalapon	75-99-0					2.3E+02	9.9E+02		1.9E+02	
1.8E-02	C	5.1E-06	C	1.5E-01	I						1.36E+09				1	0.1	Daminozide	1596-84-5	3.9E+01	1.4E+02	7.5E+05	3.0E+01	1.2E+03	4.9E+03		9.5E+02	
7.0E-04	I										1.36E+09				1	0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.9E+02	3.5E+03	7.8E+02	7.8E+02	5.5E+01	2.3E+02		4.4E+01	
											1.36E+09				1	0.1	Demeton	8065-48-3					3.1E+01	1.3E+00		2.5E-01	
1.2E-03	I										1.36E+09				1	0.1	Di(2-ethylhexyl)adipate	103-23-1	5.8E+02	2.1E+03		4.5E+02	4.7E+03	2.0E+04		3.8E+03	
6.1E-02	H										1.36E+09				1	0.1	Diallate	2303-16-4	1.1E+01	4.1E+01		8.9E+00					
											1.36E+09				1	0.1	Diazinon	333-41-5					5.5E+00	2.3E+01		4.4E+00	
8.0E-01	P	6.0E-03	P	1.0E-02	X						1.36E+09	5.24E+05			1		Dibenzothiophene	132-65-0					7.8E+01			7.8E+01	

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>o</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> y	v <sub>o</sub> l	muta gen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)	
5.7E-03	C	1.6E-06	C	2.0E-01	P	1.69E+03	1.36E+09	2.08E+03							Dichloroethane, 1,1-	75-34-3	1.2E+02		3.7E+00	3.6E+00	1.6E+03			1.6E+03	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	1.36E+09	4.57E+03							Dichloroethane, 1,2-	107-06-2	7.6E+00		4.9E-01	4.6E-01	4.7E+01		3.3E+00	3.1E+00	
				5.0E-02	I	2.0E-01	1.19E+03	1.36E+09	1.16E+03						Dichloroethylene, 1,1-	75-35-4					3.9E+02		2.4E+01	2.3E+01	
				2.0E-03	I		2.37E+03	1.36E+09	2.50E+03						Dichloroethylene, 1,2-cis-	156-59-2					1.6E+01			1.6E+01	
				2.0E-02	I		1.85E+03	1.36E+09	1.75E+03						Dichloroethylene, 1,2-trans-	156-60-5					1.6E+02			1.6E+02	
				3.0E-03	I			1.36E+09					0.1		Dichlorophenol, 2,4-	120-83-2					2.3E+01	9.9E+01		1.9E+01	
3.7E-02	P	3.7E-06	P	1.0E-02	I		1.36E+09			0.05					Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					7.8E+01	6.6E+02		7.0E+01	
				4.0E-02	P	4.0E-03	1.36E+09	3.79E+03							Dichloropropane, 1,2-	78-87-5	1.9E+01		2.9E+00	2.5E+00	3.1E+02		1.6E+00	1.6E+00	
				2.0E-02	P		1.49E+03	1.36E+09	6.76E+03						Dichloropropane, 1,3-	142-28-9					1.6E+02			1.6E+02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	1.57E+03	1.36E+09	3.55E+03						Dichloropropanol, 2,3-	616-23-9					2.3E+01	9.9E+01		1.9E+01	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	1.36E+09								Dichloropropene, 1,3-	542-75-6	7.0E+00		2.5E+00	1.8E+00	2.3E+02		7.4E+00	7.2E+00	
				3.0E-05	O		1.36E+09								Dichlorvos	62-73-7	2.4E+00	8.5E+00	4.6E+04	1.9E+00	3.9E+00	1.6E+01	7.1E+04	3.2E+00	
1.6E+01	I	4.6E-03	I	8.0E-02	X	3.0E-04	2.56E+02	1.36E+09	4.11E+03						Dicrotaphos	141-66-2	4.3E-02	1.5E-01	8.3E+02	3.4E-02	2.3E-01	9.9E-01		1.9E-01	
				5.0E-05	I		1.36E+09								Dicyclopentadiene	77-73-6					6.3E+02		1.3E-01	1.3E-01	
				3.0E-04	C		1.36E+09								Dieldrin	60-57-1					3.9E-01	1.6E+00		3.2E-01	
				2.0E-03	P	2.0E-04	1.36E+09								Diesel Engine Exhaust	E17136615					1.6E+01	6.6E+01	2.8E+04	1.3E+01	
				3.0E-02	P	1.0E-04	1.36E+09								Diethanolamine	111-42-2					2.3E+02	9.9E+02	1.4E+04	1.9E+02	
				6.0E-02	P	3.0E-04	1.36E+09								Diethylene Glycol Monobutyl Ether	112-34-5					4.7E+02	2.0E+03	4.3E+04	3.8E+02	
3.5E+02	C	1.0E-01	C	1.0E-03	P		1.12E+05	1.36E+09	1.39E+05						Diethylene Glycol Monoethyl Ether	111-90-0	2.0E-03	7.1E-03	3.8E+01	1.6E-03	7.8E+00			7.8E+00	
				8.3E-02	O		1.36E+09								Diethylformamide	617-84-5					4.7E+02			3.8E+02	
				2.0E-02	I		1.36E+09								Diethylstilbestrol	56-53-1					1.6E+02			4.8E+03	
				4.0E+01	I	V	1.43E+03	1.36E+09	1.15E+03						Diffuroethane, 1,1-	75-37-6							4.8E+03	4.8E+03	
4.4E-02	C	1.3E-05	C	3.0E+01	X	V	6.91E+02	1.36E+09	7.58E+02						Diffuoropropane, 2,2-	420-45-1	1.6E+01		2.7E+01	9.9E+00	4.7E+02			2.4E+03	
				7.0E-01	P	V	2.26E+03	1.36E+09	3.06E+03						Dihydroisofurole	94-58-6								2.2E+02	2.2E+02
				8.0E-02	I	V	5.30E+02	1.36E+09	3.81E+04						Diisopropyl Methylphosphonate	1445-75-6					6.3E+02			6.3E+02	
				2.2E-02	O		1.36E+09								Dimethipin	55290-64-7					1.7E+02		7.2E+02	1.4E+02	
				2.2E-03	O		1.36E+09								Dimethoate	60-51-5					1.7E+01		7.3E+01	1.4E+01	
1.6E+00	P			6.0E-02	P		1.36E+09								Dimethoxybenzidine, 3,3'-	119-90-4	4.3E-01	1.5E+00		3.4E-01	4.7E+02	2.0E+03			3.8E+02
1.7E-03	P						1.36E+09								Dimethyl methylphosphonate	756-79-6	4.1E-02	1.5E+03		3.2E+02					
4.6E+00	C	1.3E-03	C				1.36E+09								Dimethylamino azobenzene [p-]	60-11-7	1.5E-01	5.4E-01	2.9E+03	1.2E-01					
5.8E-01	H						1.36E+09								Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+00	4.3E+00		9.4E-01					
2.0E-01	P			2.0E-03	X		1.36E+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	
2.7E-02	P			2.0E-03	I	V	8.30E+02	1.36E+09	3.13E+04						Dimethylaniline, N,N-	121-69-7	2.6E+01		2.6E+01		1.6E+01			1.6E+01	
1.1E+01	P						1.36E+09								Dimethylbenzidine, 3,3'-	119-93-7	6.3E-02	2.2E-01		4.9E-02					
				1.0E-01	P	3.0E-02	1.06E+05	1.36E+09	1.28E+05						Dimethylformamide	68-12-2					7.8E+02		4.0E+02	2.6E+02	
				1.0E-04	X	2.0E-06	1.72E+05	1.36E+09	2.77E+04						Dimethylhydrazine, 1,1-	57-14-7					7.8E-01		5.8E-03	5.7E-03	
5.5E+02	C	1.6E-01	C				1.89E+05	1.36E+09	1.68E+05						Dimethylhydrazine, 1,2-	540-73-8	1.3E-03		2.9E-03	8.8E-04					
				2.0E-02	I		1.36E+09								Dimethylphenol, 2,4-	105-67-9					1.6E+02		6.6E+02	1.3E+02	
				6.0E-04	I		1.36E+09								Dimethylphenol, 2,6-	576-26-1					4.7E+00		2.0E+01	3.8E+00	
				1.0E-03	I		1.36E+09								Dimethylphenol, 3,4-	95-65-8					7.8E+00		3.3E+01	6.3E+00	
4.5E-02	C	1.3E-05	C				4.73E+02	1.36E+09	5.48E+03						Dimethylvinylchloride	513-37-1	1.5E+01		1.2E+00	1.1E+00					
				8.0E-05	X		1.36E+09								Dinitro-o-cresol, 4,6-	534-52-1					6.3E-01		2.6E+00	5.1E-01	
				2.0E-03	I		1.36E+09								Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					1.6E+01		6.6E+01	1.3E+01	
				1.0E-04	P		1.36E+09								Dinitrobenzene, 1,2-	528-29-0					7.8E-01		3.3E+00	6.3E-01	
				1.0E-04	I		1.36E+09								Dinitrobenzene, 1,3-	99-65-0					7.8E-01		3.3E+00	6.3E-01	
				1.0E-04	P		1.36E+09								Dinitrobenzene, 1,4-	100-25-4					7.8E-01		3.3E+00	6.3E-01	
6.8E-01	I			2.0E-03	I		1.36E+09								Dinitrophenol, 2,4-	51-28-5					1.6E+01		6.6E+01	1.3E+01	
							1.36E+09								Dinitrotoluene Mixture, 2,4/2,6-	E1615210	1.0E+00	3.6E+00		8.0E-01					
3.1E-01	C	8.9E-05	C	2.0E-03	X		1.36E+09								Dinitrotoluene, 2,4-	121-14-2	2.2E+00	7.8E+00	4.3E+04	1.7E+00	1.6E+01	6.5E+01		1.3E+01	
1.5E+00	P			3.0E-04	X		1.36E+09		0.099						Dinitrotoluene, 2,6-	606-20-2	4.6E-01	1.7E+00		3.6E-01	2.3E+00		1.0E+01	1.9E+00	
				2.0E-03	S		1.36E+09		0.006						Dinitrotoluene, 2-Amino-4,6-	35572-78-2					1.6E+01		1.1E+03	1.5E+01	
4.5E-01	X			2.0E-03	S		1.36E+09		0.009						Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+00	5.5E+00		1.2E+00	1.6E+01		7.3E+02	1.5E+01	
				9.0E-04	X		1.36E+09								Dinitrotoluene, Technical grade	25321-14-6					7.0E+00		3.0E+01	5.7E+00	
				1.0E-03	I		1.36E+09								Dinoseb	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	1.16E+05	1.36E+09	3.96E+04						Dioxane, 1,4-	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				1.36E+09			0.03		</													

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (see FQ #31); H = HEAST; F = See FAQ; W = see user guide Section 2.3.5; E = see user guide Section 2.3.6; L = see user's guide Section 5.2; M = mutagen; S = see user's guide Section 5; V = volatile; R = RBA applied (see user's guide Section 5.10); 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's guide Section 5.13); s = concentration may exceed Csat (see user's guide Section 5.12)														Toxicity and Chemical-specific Information				Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> (y)	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y)	RfC <sub>o</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y)	muta gen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)						
														Dodine	2439-10-3					1.6E+02	6.6E+02		1.3E+02						
														EPTC	759-94-4					3.9E+02			3.9E+02						
														Endosulfan	115-29-7					4.7E+01			4.7E+01						
														Endothal	145-73-3					1.6E+02	6.6E+02		1.3E+02						
														Endrin	72-20-8					2.3E+00	9.9E+00		1.9E+00						
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V	1.05E+04	1.36E+09	1.89E+04	1		Epichlorohydrin	106-89-8	7.0E+01		4.4E+01	2.7E+01	4.7E+01		2.0E+00	1.9E+00						
														Epoxybutane, 1,2-	106-88-7						1.6E+01		1.6E+01						
														Ethanol, 2-(2-methoxyethoxy)-	111-77-3					3.1E+02	1.3E+03		2.5E+02						
														Ethephon	16672-87-0					3.9E+01	1.6E+02		3.2E+01						
														Ethion	563-12-2					3.9E+00	1.6E+01		3.2E+00						
														Ethoxyethanol Acetate, 2-	111-15-9					7.8E+02	3.8E+02		2.6E+02						
														Ethoxethanol, 2-	110-80-5					7.0E+02	2.1E+03		5.2E+02						
														Ethyl Acetate	141-78-6					7.0E+03	6.3E+01		6.2E+01						
														Ethyl Acrylate	140-88-5					3.9E+01	5.3E+00		4.7E+00						
														Ethyl Chloride (Chloroethane)	75-00-3						1.4E+03		1.4E+03						
														Ethyl Ether	60-29-7					1.6E+03			1.6E+03						
														Ethyl Methacrylate	97-63-2						1.8E+02		1.8E+02						
														Ethyl-p-nitrophenyl Phosphonate	2104-64-5					7.8E-02	3.3E-01		6.3E-02						
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	4.80E+02	1.36E+09	5.67E+03	1	0.1	Ethylbenzene	100-41-4	6.3E+01		6.4E+00	5.8E+00	7.8E+02		5.9E+02	3.4E+02						
														Ethylene Cyanohydrin	109-78-4					5.5E+02	2.3E+03		4.4E+02						
														Ethylene Diamine	107-15-3					7.0E+02			7.0E+02						
														Ethylene Glycol	107-21-1					1.6E+04	6.6E+04	5.7E+07	1.3E+04						
														Ethylene Glycol Monobutyl Ether	111-76-2					7.8E+02	3.3E+03	2.3E+08	6.3E+02						
3.1E-01	C	3.0E-03	I	3.0E-02	C	3.0E-02	C	V	1.21E+05	1.36E+09	6.09E+03	1		Ethylene Oxide	75-21-8	4.9E-01		2.1E-03	2.0E-03			1.9E+01	1.9E+01						
4.5E-02	C	1.3E-05	C	8.0E-05	I									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						
6.5E+01	C	1.9E-02	C											Ethyleneimine	151-56-4	1.1E-02		3.5E-03	2.7E-03										
														Ethylphthalyl Ethyl Glycolate	84-72-0						2.3E+04	9.9E+04		1.9E+04					
														Fenamiphos	22224-92-6					2.0E+00	8.2E+00		1.6E+00						
														Fenpropathrin	39515-41-8					2.0E+02	8.2E+02		1.6E+02						
														Fenvalerate	51630-58-1					2.0E+02	8.2E+02		1.6E+02						
														Fluometuron	2164-17-2					1.0E+02	4.3E+02		8.2E+01						
														Fluoride	16984-48-8					3.1E+02		1.8E+06	3.1E+02						
														Fluorine (Soluble Fluoride)	7782-41-4					4.7E+02		1.8E+06	4.7E+02						
														Fluridone	59756-60-4					6.3E+02	2.6E+03		5.1E+02						
														Flurprimidol	56425-91-3					3.1E+02	1.3E+03		2.5E+02						
														Flusilazole	85509-19-9					1.6E+01	1.6E+01		1.3E+01						
														Flutolanil	66332-96-5					3.9E+03	1.6E+04		3.2E+03						
														Fluvalinate	69409-94-5					7.8E+01	3.3E+02		6.3E+01						
														Folpet	133-07-3					7.0E+02	3.0E+03		5.7E+02						
														Fomesafen	72178-02-0					2.0E+01	8.2E+01		1.6E+01						
														Fonofos	944-22-9					1.6E+01	6.6E+01		1.3E+01						
1.3E-05	I	2.0E-01	I	9.8E-03	A	9.8E-03	A	V	4.24E+04	1.36E+09	7.77E+04	1		Formaldehyde	50-00-0			1.7E+01	1.7E+01	1.6E+03		8.0E+01	7.6E+01						
														Formic Acid	64-18-6					7.0E+03		2.9E+00	2.9E+00						
														Fosetyl-AL	39148-24-8					2.0E+04	8.2E+04		1.6E+04						
														Furans															
														-Dibenzofuran	132-64-9					7.8E+00	1.1E+02		7.3E+00						
														-Furan	110-00-9					7.8E+00	1.1E+02		7.3E+00						
3.8E+00	H													-Tetrahydrofuran	109-99-9	1.8E-01	6.5E-01		1.4E-01	7.0E+03	9.9E+04	2.5E+03	1.8E+03						
														Furazolidone	67-45-8														
														Furfural	98-01-1					2.3E+01	2.5E+02		2.1E+01						
1.5E+00	C	4.3E-04	C	3.0E-02	I	8.6E-06	C							Furium	531-82-8	4.6E-01	1.6E+00	8.9E+03	3.6E-01										
														Furmecyclox	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01										
														Glufosinate, Ammonium	77182-82-2					4.7E+01	2.0E+02		3.8E+01						
														Glutaraldehyde	111-30-8					7.8E+02	3.3E+03	1.1E+04	6.0E+02						
														Glycidyl	765-34-4					3.1E+00		8.8E+00	2.3E+00						
														Glyphosate	1071-83-6					7.8E+02	3.3E+03		6.3E+02						
														Guanidine	113-00-8					7.8E+01			7.8E+01						
														Guanidine Chloride	50-01-1					1.6E+02	6.6E+02		1.3E+02						
														Guanidine Nitrate	506-93-4					2.3E+02	9.9E+02		1.9E+02						
4.5E+00	I	1.3E-03	I	5.0E-04	I									Haloxypol, Methyl	69806-40-2					3.9E-01	1.6E+00		3.2E-01						
9.1E+00	I	2.6E-03	I	1.3E-05	I									Heptachlor	76-44-8	1.5E-01		1.0E+00	1.3E-01	3.9E+00			3.9E+00						
														Heptachlor Epoxide	1024-57-3	7.6E-02		9.1E-01	7.0E-02	1.0E-01			1.0E-01						
														Heptanal, n-	111-71-7							2.4E+00	2.4E+00						
														Heptane, n-	142-82-5							3.7E+01	2.2E+00						
														Hexabromobenzene	87-82-1					1.6E+01			1.6E+01						
														Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	86631-49-2					1.6E+00	6.6E+00		1.3E+00						
1.6E+00	I	4.6E-04	I																										

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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> )	vo	muta	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THQ=0.1 (mg/kg)																												
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V			1.36E+09	8.01E+03	1	0.15	Hexachloroethane	67-72-1	1.7E+01		2.0E+00	1.8E+00	5.5E+00	9.9E+00	2.5E+01	4.5E+00																												
8.0E-02	I			3.0E-04 4.0E-03	I						1.36E+09 1.36E+09		1	0.15	Hexachlorophene Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Hexamethylene Diisocyanate, 1,6-	70-30-4 121-82-4 822-06-0	8.7E+00	2.1E+02		8.3E+00	2.3E+00 3.1E+01	9.9E+00 8.8E+02	2.5E+01 3.1E-01	1.9E+00 3.0E+01 3.1E-01																												
				4.0E-04 2.0E+00	P	7.0E-01	I	V		1.41E+02	1.36E+09 1.36E+09		1	0.1	Hexamethylphosphoramide Hexane, N- Hexanedioic Acid	680-31-9 110-54-3 124-04-9				3.1E+00 1.6E+04	1.3E+01 6.6E+04	6.1E+01	2.5E+00 1.3E+04																													
				5.0E-03 3.3E-02 2.5E-02	I	3.0E-02	I	V		3.28E+03	1.36E+09 1.36E+09 1.36E+09	1.33E+04	1	0.1	Hexanone, 2- Hexazinone Hexythiazox	591-78-6 51235-04-2 78587-05-0				3.9E+01 2.6E+02 2.0E+02		4.2E+01 1.1E+03 8.2E+02	2.0E+01 2.1E+02 1.6E+02																													
3.0E+00 3.0E+00	I I	4.9E-03 4.9E-03	I I	1.7E-02	O	3.0E-05	P	V		1.12E+05	1.36E+09 1.36E+09	6.51E+04	1	0.1	Hydramethylnon Hydrazine Hydrazine Sulfate	67485-29-4 302-01-2 10034-93-2	2.3E-01 2.3E-01		3.7E-02 7.8E+02	3.2E-02 2.3E-01	1.3E+02	5.6E+02	2.0E-01	1.1E+02 2.0E-01																												
				4.0E-02	C	2.0E-02 1.4E-02 2.0E-03	I C I	V C V			1.36E+09 1.36E+09 1.36E+09		1		Hydrogen Chloride Hydrogen Fluoride Hydrogen Sulfide	7647-01-0 7664-39-3 7783-06-4				3.1E+02	2.8E+06 2.0E+06 2.8E+05	2.8E+06 3.1E+02 2.8E+05																														
6.0E-02 6.1E-02	P O	4.0E-02 2.5E-03 2.5E-01	P I I	4.0E-02 2.5E-03 2.5E-01	P I I						1.36E+09 1.36E+09 1.36E+09		1	0.1	Hydroquinone Imazail Imazaquin	123-31-9 35554-44-0 81335-37-7	1.2E+01 1.1E+01	4.1E+01 4.0E+01	9.0E+00 8.9E+00	3.1E+02 2.0E+01 2.0E+03	1.3E+03 8.2E+01 8.2E+03	2.5E+02 1.6E+01 1.6E+03	2.5E+02 1.6E+01 1.6E+03																													
				2.5E+00 1.0E-02 4.0E-02	O A I						1.36E+09 1.36E+09 1.36E+09		1	0.1	Imazethapyr Iodine Iprodione	81335-77-5 7553-56-2 36734-19-7				2.0E+04 7.8E+01 3.1E+02	8.2E+04 8.2E+03 1.3E+03	1.6E+04 7.8E+01 1.3E+03	1.6E+04 7.8E+01 2.5E+02																													
9.5E-04	I			7.0E-01 3.0E-01 2.0E-01	P I I	2.0E+00	C			1.00E+04	1.36E+09 1.36E+09 1.36E+09	2.81E+04	1	0.1	Iron Isobutyl Alcohol Isophorone	7439-89-6 78-83-1 78-59-1	7.3E+02	2.6E+03	5.7E+02	5.5E+03 2.3E+03 1.6E+03	5.5E+03 2.3E+03 1.6E+03	2.8E+08	5.5E+03 2.3E+03 1.3E+03																													
				1.5E-02 2.0E+00 1.0E-01	I P I	2.0E-01	P	V		1.09E+05	1.36E+09 1.36E+09 1.36E+09	4.20E+05 2.77E+04	1	0.1	Isopropalin Isopropanol Isopropyl Methyl Phosphonic Acid	33820-53-0 67-63-0 1832-54-8				1.2E+02 1.6E+04 7.8E+02		5.8E+02	1.2E+02 5.6E+02 6.3E+02																													
				5.0E-02	I	3.0E-01	A	V			1.36E+09		1	0.1	Isoxaben JP-7	82558-50-7 E1737665				3.9E+02	1.6E+03	4.3E+07	3.2E+02 4.3E+07																													
				8.0E-03 2.0E-04 5.0E-05 2.1E-05	X O P P						1.36E+09 1.36E+09 1.36E+09 1.36E+09		1	0.1	Lactofen Lactonitrile Lanthanum Lanthanum Acetate Hydrate	77501-63-4 78-97-7 7439-91-0 100587-90-4				6.3E+01 1.6E+00 3.9E-01 1.6E-01	2.6E+02 6.6E+00 6.9E-01 6.9E-01	5.1E+01 1.3E+00 3.9E-01 1.3E-01	5.1E+01 1.3E+00 3.9E-01 1.3E-01																													
8.5E-03 8.5E-03	C C	1.2E-05 1.2E-05	C C								1.36E+09 1.36E+09		1	0.1	Lanthanum Chloride Heptahydrate Lanthanum Chloride, Anhydrous Lanthanum Nitrate Hexahydrate	10025-84-0 10099-58-8 10277-43-7				1.5E-01 2.2E-01 1.3E-01	1.5E-01 2.2E-01 1.3E-01	1.5E-01 2.2E-01 1.3E-01	1.5E-01 2.2E-01 1.3E-01																													
8.5E-03	C	1.2E-05	C								1.36E+09		1	0.1	Lead Compounds ~Lead Phosphate ~Lead acetate	7446-27-7 301-04-2	8.2E+01 8.2E+01	2.9E+02	3.2E+05 3.2E+05	8.2E+01 6.4E+01			4.0E+02																													
				1.0E-07	I			V		2.43E+00	1.36E+09	1.91E+03	1	0.1	~Lead and Compounds ~Lead subacetate ~Tetraethyl Lead	7439-92-1 1335-32-6 78-00-2	8.2E+01	2.9E+02	3.2E+05	6.4E+01	7.8E-04		7.8E-04	7.8E-04																												
				5.0E-06 7.7E-03 2.0E-03	P O P			V		3.83E+02	1.36E+09 1.36E+09 1.36E+09	2.55E+04	1	0.1	Lewisite Linuron Lithium	541-25-3 330-55-2 7439-93-2				3.9E-02 6.0E+01 1.6E+01	2.5E+02		3.9E-02 4.9E+01 1.6E+01																													
				5.0E-04 4.4E-03 1.0E-03	I O I						1.36E+09 1.36E+09 1.36E+09		1	0.1	MCPA MCPB MCPD	94-74-6 94-81-5 93-65-2				3.9E+00 3.4E+01 7.8E+00	1.6E+01 1.5E+02 3.3E+01		3.2E+00 2.8E+01 6.3E+00																													
				2.0E-02 1.0E-01 5.0E-01	I I I	7.0E-04	C				1.36E+09 1.36E+09 1.36E+09		1	0.1	Malathion Maleic Anhydride Maleic Hydrazide	121-75-5 108-31-6 123-33-1				1.6E+02 7.8E+02 3.9E+03	6.6E+02 3.3E+03 1.6E+04	9.9E+04	1.3E+02 6.3E+02 3.2E+03																													
				1.0E-04 3.0E-02 5.0E-03	P H I						1.36E+09 1.36E+09 1.36E+09		1	0.1	Malononitrile Mancozeb Maneb	109-77-3 8018-01-7 12427-38-2				7.8E-01 2.3E+02 3.9E+01	3.3E+00 9.9E+02 1.6E+02		6.3E-01 1.9E+02 3.2E+01																													
				1.4E-01 2.4E-02 9.0E-05	I S H	5.0E-05 5.0E-05	I				1.36E+09 1.36E+09 1.36E+09		0.04		Manganese (Diet) Manganese (Non-diet) Mephosfolan	7439-96-5 7439-96-5 950-10-7				1.9E+02 7.0E-01		7.1E+03	1.8E+02 5.7E-01																													
1.1E-02	P			3.0E-02 4.0E-03	I P						1.36E+09 1.36E+09		1	0.1	Mepiquat Chloride Mercaptobenzothiazole, 2- Mercury Compounds	24307-26-4 149-30-4	6.3E+01	2.2E+02	4.9E+01	3.1E+01	1.3E+02		2.5E+01																													
				3.0E-04 1.0E-04	I I	3.0E-04 3.0E-04	S I	V		3.13E+00	1.36E+09 1.36E+09	3.47E+04	0.07		~Mercuric Chloride (and other Mercury salts) ~Mercury (elemental) ~Methyl Mercury	7487-94-7 7439-97-6 22967-92-6				2.3E+00 7.8E-01		4.3E+04 1.1E+00	2.3E+00 1.1E+00 7.8E-01																													
				8.0E-05 3.0E-05 1.0E-04	I I O			V			1.36E+09 1.36E+09 1.36E+09	1.94E+06	1	0.1	~Phenylmercuric Acetate Merphos Merphos Oxide	62-38-4 150-50-5 78-48-8				6.3E-01 2.3E-01 7.8E-01	2.6E+00 3.3E+00		5.1E-01 2.3E-01 6.3E-01																													
				6.0E-02 1.0E-04 5.0E-05	I I I	3.0E-02	P	V		4.58E+03	1.36E+09 1.36E+09 1.36E+09	6.79E+03	1	0.1	Metalaxyl Methacrylonitrile Methamidophos	57837-19-1 126-98-7 10265-92-6				4.7E+02 7.8E-01 3.9E-01	2.0E+03	2.1E+01	3.8E+02 7.5E-01 3.2E-01																													
				2.0E+00 1.5E-03 2.5E-02	I O I	2.0E+01	I	V		1.06E+05	1.36E+09 1.36E+09 1.36E+09	2.90E+04	1	0.1	Methanol Methidathion Methomyl	67-56-1 950-37-8 16752-77-5				1.6E+04 1.2E+01 2.0E+02	4.9E+01	6.1E+04	1.2E+04 9.5E+00 1.6E+02																													

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1				
SFO (mg/kg-day)	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> (y)	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (y)	RfC <sub>o</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (y)	v <sub>o</sub> (l)	mutagen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
4.9E-02	C	1.4E-05	C	5.0E-03	I	1.36E+09					1.36E+09	1.36E+09		0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+01	5.0E+01	2.7E+05	1.1E+01	3.9E+01	1.6E+02	1.3E+01	3.2E+01
				8.0E-03	P	1.0E-03	P	V		1.15E+05	1.36E+09	1.24E+05	1	0.1	Methoxychlor	72-43-5					6.3E+01			1.1E+01
				1.0E+00	X	2.0E-02	I	V		1.06E+05	1.36E+09	1.01E+05	1		Methoxyethanol Acetate, 2-	110-49-6					3.9E+01		2.1E+02	3.3E+01
				1.0E+00	X	2.0E-02	P	V		2.90E+04	1.36E+09	8.12E+03	1		Methyl Acetate	109-86-4					7.8E+03			7.8E+03
				1.0E-03	X	1.0E-03	P	V		6.75E+03	1.36E+09	6.97E+03	1		Methyl Acrylate	96-33-3							1.5E+01	1.5E+01
				1.0E-03	X	1.0E-03	P	V		2.84E+04	1.36E+09	1.22E+04	1		Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+03		6.4E+03	2.7E+03
				1.0E-03	X	1.0E-03	P	V		1.80E+05	1.36E+09	5.04E+04	1		Methyl Hydrazine	60-34-4			1.4E-01	1.4E-01	7.8E+00		1.1E-01	1.0E-01
				1.0E-03	X	1.0E-03	P	V		3.36E+03	1.36E+09	1.06E+04	1		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							3.3E+03	3.3E+03
				1.4E+00	I	7.0E-01	I	V		1.01E+04	1.36E+09	4.42E+03	1		Methyl Isocyanate	624-83-9					1.1E+04		4.6E-01	4.6E-01
				2.5E-04	X	3.0E+00	I	V		2.36E+03	1.36E+09	6.33E+03	1		Methyl Methacrylate	80-62-6					2.0E+00	8.2E+00	4.6E+02	4.4E+02
				6.0E-02	X	4.0E-02	H	V		3.93E+02	1.36E+09	2.43E+04	1		Methyl Parathion	298-00-0					4.7E+02	2.0E+03	1.0E+02	3.8E+02
9.9E-02	C	2.8E-05	C	6.0E-03	H	4.0E-02	H	V		3.93E+02	1.36E+09	2.43E+04	1		Methyl Phosphonic Acid	993-13-5	7.0E+00	2.5E+01	1.4E+05	5.5E+00	4.7E+01			3.2E+01
				1.8E-03	C	2.6E-07	C			3.0E+00	1.36E+09	4.90E+03	1		Methyl Styrene (Mixed Isomers)	25013-15-4							1.0E+02	
				1.8E-03	C	2.6E-07	C			3.0E+00	1.36E+09	4.90E+03	1		Methyl methanesulfonate	66-27-3								3.2E+01
				1.8E-03	C	2.6E-07	C			3.0E+00	1.36E+09	4.90E+03	1		Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.9E+02		5.3E+01	4.7E+01	2.3E+00	9.9E+00	1.5E+03	1.5E+03
				1.8E-03	C	2.6E-07	C			3.0E+00	1.36E+09	4.90E+03	1		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2							5.4E+03	5.4E+03
				1.8E-03	C	2.6E-07	C			3.0E+00	1.36E+09	4.90E+03	1		Methyl-2-Pentanol, 4-	108-11-2								1.5E+03
9.0E-03	P			2.0E-02	X					1.36E+09	1.36E+09		1	0.1	Methyl-5-Nitroaniline, 2-	99-55-8	7.7E+01	2.7E+02		6.0E+01	1.6E+02	6.6E+02		1.3E+02
8.3E+00	C	2.4E-03	C							1.36E+09	1.36E+09		1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.4E-02	3.0E-01	1.6E+03	6.5E-02				
1.3E-01	C	3.7E-05	C							1.36E+09	1.36E+09		1	0.1	Methylaniline Hydrochloride, 2-	636-21-5	5.3E+00	1.9E+01	1.0E+05	4.2E+00				
				1.0E-02	A					1.36E+09	1.36E+09		1	0.1	Methylarsonic acid	124-58-3					7.8E+01	3.3E+02		6.3E+01
				2.0E-04	X					1.36E+09	1.36E+09		1	0.1	Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7					1.6E+00	6.6E+00		1.3E+00
1.0E-01	X			3.0E-04	X					1.36E+09	1.36E+09		1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.0E+00	2.5E+01		5.4E+00	2.3E+00	9.9E+00		1.9E+00
2.2E+01	C	6.3E-03	C							1.36E+09	1.36E+09		1	0.1	Methylcholanthrene, 3-	56-49-5	7.0E-03	2.7E-02	2.2E+02	5.5E-03				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	3.32E+03	1.36E+09	2.19E+03	1		Methylene Chloride	75-09-2	7.7E+01		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					1.36E+09	1.36E+09		1	0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	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							1.36E+09	1.36E+09		1	0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+01	5.4E+01	2.9E+05	1.2E+01				
1.6E+00	C	4.6E-04	C							1.36E+09	1.36E+09		1	0.1	Methylenediphenyl Diisocyanate	101-77-9	4.3E-01	1.5E+00	8.3E+03	3.4E-01			2.8E+06	2.8E+06
				6.0E-04	I					1.36E+09	1.36E+09		1	0.1	Methylstyrene, Alpha-	98-83-9					5.5E+02			5.5E+02
				7.0E-02	H			V		5.00E+02	1.36E+09	1.28E+04	1		Metolachlor	51218-45-2					1.2E+03	4.9E+03		9.5E+02
				1.5E-01	I					1.36E+09	1.36E+09		1	0.1	Metribuzin	21087-64-9					2.0E+02	8.2E+02		1.6E+02
				2.5E-02	I					1.36E+09	1.36E+09		1	0.1	Metsulfuron-methyl	74223-64-6					2.0E+03	8.2E+03		1.6E+03
1.8E+01	C	5.1E-03	C	3.0E+00	P			V		3.42E-01	1.36E+09	1.38E+03	1		Mineral oils	8012-95-1	3.9E-02			3.6E-02	2.3E+04			2.3E+04
				2.0E-04	I			V		1.36E+09	1.36E+09	8.58E+05	1		Mirex	2385-85-5					1.6E+00			1.6E+00
				2.0E-03	I					1.36E+09	1.36E+09		1	0.1	Molinate	2212-67-1					1.6E+01	6.6E+01		1.3E+01
				5.0E-03	I					1.36E+09	1.36E+09		1	0.1	Molybdenum	7439-98-7					3.9E+01			3.9E+01
				1.0E-01	I					1.36E+09	1.36E+09		1	0.1	Monochloramine	10599-90-3					7.8E+02			7.8E+02
				2.0E-03	P					1.36E+09	1.36E+09		1	0.1	Monomethylaniline	100-61-8					1.6E+01	6.6E+01		1.3E+01
				2.5E-02	I					1.36E+09	1.36E+09		1	0.1	Myclobutanil	88671-89-0					2.0E+02	8.2E+02		1.6E+02
				3.0E-04	X					1.36E+09	1.36E+09		1	0.1	N,N-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+00	9.9E+00		1.9E+00
				2.0E-03	I			V		1.36E+09	5.70E+04		1		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		1.36E+09	1.36E+09		1	0.1	Naphtha, High Flash Aromatic (HFAN)	64742-95-6	3.9E-01	1.4E+00		3.0E-01	2.3E+02		1.4E+07	2.3E+02
				1.2E-01	O					1.36E+09	1.36E+09		1	0.1	Naphthylamine, 2-	91-59-8								
2.6E-04	C	1.1E-02	C	1.4E-05	C					1.36E+09	1.36E+09		1	0.1	Napropamide	15299-99-7					9.4E+02	4.0E+03		7.6E+02
2.6E-04	C	1.1E-02	C	1.4E-05	C					1.36E+09	1.36E+09		1	0.1	Nickel Acetate	373-02-4			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	6.7E+01
2.6E-04	C	1.1E-02	C	1.4E-05	C					1.36E+09	1.36E+09		1	0.1	Nickel Carbonate	3333-67-3			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03	6.7E+01
2.6E-04	C	1.1E-02	C	1.4E-05	C			V		1.36E+09	1.36E+09		1		Nickel Carbonyl	13463-39-3			1.5E+04	1.5E+04	8.6E+01		2.0E+03	8.2E+01
2.6E-04	C	1.1E-02	C	1.4E-05	C				0.04	1.36E+09	1.36E+09		0.04		Nickel Hydroxide	12054-48-7			1.5E+04	1.5E+04	8.6E+01		2.0E+03	8.2E+01
2.6E-04	C	1.1E-02	C	2.0E-05	C				0.04	1.36E+09	1.36E+09		0.04		Nickel Oxide	1313-99-1			1.5E+04	1.5E+04	8.6E+01		2.8E+03	8.4E+01
2.4E-04	I	1.1E-02	C	1.4E-05	C				0.04	1.36E+09	1.36E+09		0.04		Nickel Refinery Dust	E715532			1.6E+04	1.6E+04	8.6E+01		2.0E+03	8.2E+01
2.6E-04	C	2.0E-02	I	9.0E-05	A				0.04	1.36E+09	1.36E+09		0.04		Nickel Soluble Salts	7440-02-0			1.5E+04	1.5E+04	8.6E+01		1.3E+04	1.5E+02
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C		0.04	1.36E+09	1.36E+09		0.04		Nickel Subulfide	12035-72-2	4.1E-01		8.0E+03	4.1E-01	8.6E+01		2.0E+03	8.2E+01
2.6E-04	C	1.1E-02	C	1.4E-05	C				0.1	1.36E+09														

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic Hazard Index (HI) = 0.1					
SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	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	vo l	muta gen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
1.5E+02	I	4.3E-02	I								1.36E+09			1	0.1	Nitrosodiethylamine, N-	55-18-5							
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	2.37E+05	1.36E+09	8.23E+04	1			3.0E-03	4.0E-03	6.0E-03	2.0E-03	6.3E-02		3.4E-01	5.3E-02	
4.9E-03	I	2.6E-06	C								1.36E+09			1	0.1	Nitrosodiphenylamine, N-	86-30-6	1.4E+02	5.0E+02	1.5E+06	1.1E+02			
2.2E+01	I	6.3E-03	C					V		1.08E+05	1.36E+09	1.21E+05	1			3.2E-02		5.4E-02	2.0E-02					
6.7E+00	C	1.9E-03	C								1.36E+09			1	0.1	Nitrosomorpholine [N-]	59-89-2	1.0E-01	3.7E-01	2.0E+03	8.1E-02			
9.4E+00	C	2.7E-03	C								1.36E+09			1	0.1	Nitrosopiperidine [N-]	100-75-4	7.4E-02	2.6E-01	1.4E+03	5.8E-02			
2.1E+00	I	6.1E-04	I								1.36E+09			1	0.1	Nitrosopyrrolidine, N-	930-55-2	3.3E-01	1.2E+00	6.3E+03	2.6E-01			
				1.0E-04	X						1.36E+09			1	0.1	Nitrotoluene, m-	99-08-1				7.8E-01	3.3E+00		6.3E-01
2.2E-01	P	9.0E-04	P					V		1.51E+03	1.36E+09	1.37E+05	1			88-72-2	3.2E+00			3.2E+00	7.0E+00		7.0E+00	
1.6E-02	P	4.0E-03	P								1.36E+09			1	0.1	Nitrotoluene, p-	99-99-0	4.3E+01	1.5E+02	3.4E+01	3.1E+01	1.3E+02		2.5E+01
				3.0E-04	X	2.0E-02	P	V		6.86E+00	1.36E+09	1.04E+03	1			111-84-2				2.3E+00		2.2E+00		1.1E+00
				1.5E-02	O						1.36E+09			1	0.1	Norflurazon	27314-13-2				1.2E+02	4.9E+02		9.5E+01
				3.0E-03	I						1.36E+09			1	0.1	Octabromodiphenyl Ether	32536-52-0				2.3E+01	1.9E+01		1.9E+01
				5.0E-02	I						1.36E+09			1	0.006	Octahydro-1,3,5,7-tetrahydro-1,3,5,7-tetrazocine (HMx)	2691-41-0				3.9E+02	2.7E+04		3.9E+02
7.8E-03	O			2.0E-03	H						1.36E+09			1	0.1	Octamethylpyrophosphoramide	152-16-9				1.6E+01	6.6E+01		1.3E+01
				1.4E-01	O						1.36E+09			1	0.1	Oryzalin	19044-88-3	8.9E+01	3.2E+02	7.0E+01	1.1E+03	4.6E+03		8.8E+02
				5.0E-03	I						1.36E+09			1	0.1	Oxadiazon	19666-30-9				3.9E+01	1.6E+02		3.2E+01
				2.5E-02	I						1.36E+09			1	0.1	Oxamyl	23135-22-0				2.0E+02	8.2E+02		1.6E+02
7.3E-02	O			3.0E-02	O						1.36E+09			1	0.1	Oxyfluorfen	42874-03-3	9.5E+00	3.4E+01	7.4E+00	2.3E+02	9.9E+02		1.9E+02
				1.3E-02	I						1.36E+09			1	0.1	Acobutrazol	76738-62-0				1.0E+02	4.3E+02		8.2E+01
				4.5E-03	I						1.36E+09			1	0.1	Paraquat Dichloride	1910-42-5				3.5E+01	1.5E+02		2.8E+01
				6.0E-03	H						1.36E+09			1	0.1	Parathion	56-38-2				4.7E+01	2.0E+02		3.8E+01
				5.0E-02	H			V			1.36E+09	4.49E+04	1			Pebulate	1114-71-2				3.9E+02			3.9E+02
				3.0E-01	O						1.36E+09			1	0.1	Pendimethalin	40487-42-1				2.3E+03	9.9E+03		1.9E+03
				2.0E-03	I			V		3.12E-01	1.36E+09	5.13E+05	1			Pentabromodiphenyl Ether	32534-81-9				1.6E+01			1.6E+01
				1.0E-04	I						1.36E+09			1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9				7.8E-01	3.3E+00		6.3E-01
				8.0E-04	I			V			1.36E+09	8.12E+04	1			Pentachlorobenzene	608-93-5				6.3E+00			6.3E+00
9.0E-02	P			3.0E-03	I			V		4.57E+02	1.36E+09	9.65E+03	1			Pentachloroethane	76-01-7	7.7E+00		7.7E+00				
2.6E-01	H			3.0E-03	I			V			1.36E+09	4.32E+05	1			Pentachloronitrobenzene	82-68-8	2.7E+00		2.7E+00	2.3E+01			2.3E+01
4.0E-01	I	5.1E-06	C	5.0E-03	I						1.36E+09			1	0.25	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						1.36E+09			1	0.1	Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02	1.4E+02	1.6E+01	6.6E+01		1.3E+01
				1.0E+00	P	V				3.88E+02	1.36E+09	7.79E+02	1			Pentane, n-	109-66-0					8.1E+01		8.1E+01
				7.0E-04	I						1.36E+09			1		Perchlorates					5.5E+00			5.5E+00
				7.0E-04	I						1.36E+09			1		-Ammonium Perchlorate	7790-98-9				5.5E+00			5.5E+00
				7.0E-04	I						1.36E+09			1		-Lithium Perchlorate	7791-03-9				5.5E+00			5.5E+00
				7.0E-04	I						1.36E+09			1		-Perchlorate and Perchlorate Salts	14797-73-0				5.5E+00			5.5E+00
				7.0E-04	I						1.36E+09			1		-Potassium Perchlorate	7778-74-7				5.5E+00			5.5E+00
				7.0E-04	I						1.36E+09			1		-Sodium Perchlorate	7601-89-0				5.5E+00			5.5E+00
				2.0E-02	P						1.36E+09			1	0.1	Perfluorobutane sulfonic acid (PFBS)	375-73-5				1.6E+02	6.6E+02		1.3E+02
				2.0E-02	P						1.36E+09			1	0.1	Perfluorobutanesulfonate	45187-15-3				1.6E+02	6.6E+02		1.3E+02
				5.0E-02	I						1.36E+09			1	0.1	Permethrin	52645-53-1				3.9E+02	1.6E+03		3.2E+02
2.2E-03	C	6.3E-07	C								1.36E+09			1	0.1	Phenacetin	62-44-2	3.2E+02	1.1E+03	6.1E+06	2.5E+02			
				2.4E-01	O						1.36E+09			1	0.1	Phenmedipham	13684-63-4				1.9E+03	7.9E+03		1.5E+03
				3.0E-01	I	2.0E-01	C				1.36E+09			1	0.1	Phenol	108-95-2				2.3E+03	9.9E+03	2.8E+07	1.9E+03
				4.0E-03	I						1.36E+09			1	0.1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1				3.1E+01	1.3E+02		2.5E+01
				5.0E-04	X						1.36E+09			1	0.1	Phenothiazine	92-84-2				3.9E+00	1.6E+01		3.2E+00
				2.0E-04	X			V		1.29E+02	1.36E+09	7.06E+03	1			Phenyl Isothiocyanate	103-72-0				1.6E+00			1.6E+00
1.2E-01	P			6.0E-03	I						1.36E+09			1	0.1	Phenylenediamine, m-	108-45-2	5.8E+00	2.1E+01	4.5E+00	4.7E+01	2.0E+02		3.8E+01
				4.0E-03	P						1.36E+09			1	0.1	Phenylenediamine, o-	95-54-5				3.1E+01	1.3E+02		2.5E+01
				1.0E-03	X						1.36E+09			1	0.1	Phenylenediamine, p-	106-50-3				7.8E+00	3.3E+01		6.3E+00
1.9E-03	H										1.36E+09			1	0.1	Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03	2.8E+02				3.8E+01
				2.0E-04	H						1.36E+09			1	0.1	Phorate	298-02-2				1.6E+00	6.6E+00		1.3E+00
				3.0E-04	I	V				1.61E+03	1.36E+09	9.81E+02	1			Phosgene	75-44-5					3.1E-02		3.1E-02
				2.0E-02	I						1.36E+09			1	0.1	Phosmet	732-11-6				1.6E+02	6.6E+02		1.3E+02
				4.9E+01	P						1.36E+09			1		Phosphates, Inorganic					3.8E+05			3.8E+05
				4.9E+01	P						1.36E+09			1		-Aluminum metaphosphate	13776-88-0				3.8E+05			3.8E+05
				4.9E+01	P						1.36E+09			1		-Ammonium polyphosphate	68333-79-9				3.8E+05			3.8E+05
				4.9E+01	P						1.36E+09			1		-Calcium pyrophosphate	7790-76-3				3.8E+05			



Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1							
SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>o</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> y	vo l	muta g	C <sub>sat</sub> (mg/kg)	PEF (m <sup>2</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)		
															~Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+05			3.8E+05		
															~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+05			3.8E+05		
															~Sodium hexametaphosphate	10124-56-8					3.8E+05			3.8E+05		
															~Sodium polyphosphate	68915-31-1					3.8E+05			3.8E+05		
															~Sodium trimetaphosphate	7785-84-4					3.8E+05			3.8E+05		
															~Sodium tripolyphosphate	7758-29-4					3.8E+05			3.8E+05		
															~Tetrapotassium phosphate	7320-34-5					3.8E+05			3.8E+05		
															~Tetrasodium pyrophosphate	7722-88-5					3.8E+05			3.8E+05		
															~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+05			3.8E+05		
															~Tricalcium phosphate	7758-87-4					3.8E+05			3.8E+05		
															~Trimagnesium phosphate	7757-87-1					3.8E+05			3.8E+05		
															~Tripotassium phosphate	7778-53-2					3.8E+05			3.8E+05		
															~Trisodium phosphate	7601-54-9					3.8E+05			3.8E+05		
															Phosphine	7803-51-2					2.3E+00		4.3E+04	2.3E+00		
															Phosphoric Acid	7664-38-2					3.8E+05		1.4E+06	3.0E+05		
															Phosphorus, White	7723-14-0					1.6E-01			1.6E-01		
															Phthalates											
															~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	
															~Butyl Benzyl Phthalate	85-68-7	3.7E+02	1.3E+03		2.9E+02	1.6E+03	6.6E+03			1.3E+03	
															~Butylphthalyl Butylglycolate	85-70-1					7.8E+03	3.3E+04			6.3E+03	
															~Dibutyl Phthalate	84-74-2					7.8E+02	3.3E+03			6.3E+02	
															~Diethyl Phthalate	84-66-2					6.3E+03	2.6E+04			5.1E+03	
															~Dimethylterephthalate	120-61-6					7.8E+02				7.8E+02	
															~Octyl Phthalate, di-N-	117-84-0					7.8E+01	3.3E+02			6.3E+01	
															~Phthalic Acid, P-	100-21-0					7.8E+03	3.3E+04			6.3E+03	
															~Phthalic Anhydride	85-44-9					1.6E+04	6.6E+04	2.8E+06		1.3E+04	
															Picloram	1918-02-1					5.5E+02	2.3E+03			4.4E+02	
															Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E-01	3.3E+00			6.3E-01	
															Picric Acid (2,4,6-Trinitrophenol)	88-89-1					7.0E+00	3.0E+01			5.7E+00	
															Pirimiphos, Methyl	29232-93-7					5.5E-01	2.3E+00			4.4E-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	
															Polychlorinated Biphenyls (PCBs)											
															~Aroclor 1016	12674-11-2	9.9E+00	2.5E+01	1.0E+02	6.7E+00	5.5E-01	1.6E+00			4.1E-01	
															~Aroclor 1221	11104-28-2	3.5E-01	8.8E-01	1.0E+00	2.0E-01						
															~Aroclor 1232	11141-16-5	3.5E-01	8.8E-01	5.5E-01	1.7E-01						
															~Aroclor 1242	53469-21-9	3.5E-01	8.8E-01	2.9E+00	2.3E-01						
															~Aroclor 1248	12672-29-6	3.5E-01	8.8E-01	3.1E+00	2.3E-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	
															~Aroclor 1260	11096-82-5	3.5E-01	8.8E-01	6.5E+00	2.4E-01						
															~Aroclor 5460	11126-42-4					4.7E+00	1.4E+01			3.5E+00	
															~Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.8E-01	4.5E-01	6.0E+00	1.3E-01	1.8E-01	5.5E-01	3.4E+02		1.4E-01	
															~Hexachlorobiphenyl, 2,3,4,4',5,5'-(PCB 167)	52663-72-6	1.8E-01	4.5E-01	3.9E+00	1.2E-01	1.8E-01	5.5E-01	2.2E+02		1.4E-01	
															~Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)	69782-90-7	1.8E-01	4.5E-01	2.6E+00	1.2E-01	1.8E-01	5.5E-01	1.4E+02		1.4E-01	
															~Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 156)	38380-08-4	1.8E-01	4.5E-01	2.7E+00	1.2E-01	1.8E-01	5.5E-01	1.5E+02		1.4E-01	
															~Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.8E-04	4.5E-04	3.9E-03	1.2E-04	1.8E-04	5.5E-04	2.2E-01		1.4E-04	
															~Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 123)	65510-44-3	1.8E-01	4.5E-01	1.8E+00	1.2E-01	1.8E-01	5.5E-01	1.0E+02		1.4E-01	
															~Pentachlorobiphenyl, 2,3',4,4',5'-(PCB 118)	31508-00-6	1.8E-01	4.5E-01	1.5E+00	1.2E-01	1.8E-01	5.5E-01	8.2E+01		1.4E-01	
															~Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.8E-01	4.5E-01	1.5E+00	1.2E-01	1.8E-01	5.5E-01	8.4E+01		1.4E-01	
															~Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 114)	74472-37-0	1.8E-01	4.5E-01	2.6E+00	1.2E-01	1.8E-01	5.5E-01	1.5E+02		1.4E-01	
															~Pentachlorobiphenyl, 3,3',4,4',5'-(PCB 126)	57465-28-8	5.3E-05	1.4E-04	5.4E-04	3.6E-05	5.5E-05	1.6E-04	3.0E-02		4.1E-05	
															~Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E-01	8.8E-01	2.6E+00	2.3E-01						
															~Polychlorinated Biphenyls (low risk)	1336-36-3										
															~Polychlorinated Biphenyls (lowest risk)	1336-36-3										
															~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	
															~Tetrachlorobiphenyl, 3,4,4',5'-(PCB 81)	70362-50-4	1.8E-02	4.5E-02	1.3E-01	1.2E-02	1.8E-02	5.5E-02	7.1E+00		1.4E-02	
															Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9									8.5E+04	8.5E+04
															Polynuclear Aromatic Hydrocarbons (PAHs)											
															~Acenaphthene	83-32-9										
															~Anthracene	120-12-7					4.7E+02	1.5E+03			3.6E+02	
															~Benz[a]anthracene	56-55-3	1.5E+00	4.6E+00	7.4E+01	1.1E+00						
															~Benzo[ghi]perylene	205-82-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01						
															~Benzo[a]pyrene	50-32-8	1.5E-01	4.6E-01	2.3E+03	1.1E-01	2.3E					

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic Hazard Index (HI) = 0.1					
SFO	k <sub>e</sub>	IUR	k <sub>e</sub>	RfD <sub>o</sub>	k <sub>e</sub>	RfC <sub>o</sub>	k <sub>e</sub>	v <sub>o</sub>	muta	C <sub>sat</sub>	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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
1.2E+00	C	3.4E-05	C	2.0E-02	I	3.0E-03	I	V			1.36E+09	5.80E+04	1	0.13	~Methylnaphthalene, 2- ~Naphthalene	91-57-6 91-20-3					3.1E+01	1.0E+02		2.4E+01
											1.36E+09	4.63E+04	1	0.13	~Nitropyrene, 4-	57835-92-4	5.8E-01	1.6E+00	3.8E+00	3.8E+00	1.6E+02	5.1E+02	1.4E+01	1.3E+01
											1.36E+09	2.38E+06	1	0.13	~Pyrene	129-00-0					2.3E+02	7.6E+02		1.8E+02
1.5E-01	I			3.0E-02	I			V			1.36E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3					1.6E+02	6.6E+02		1.3E+02
				9.0E-03	P						1.36E+09		1	0.1	Prochloraz	67747-09-5	4.6E+00	1.6E+01		3.6E+00	7.0E+01	3.0E+02		5.7E+01
				6.0E-03	H			V			1.36E+09	4.20E+05	1	1	Profuralin	26399-36-0					4.7E+01			4.7E+01
				1.5E-02	I						1.36E+09		1	0.1	Prometon	1610-18-0					1.2E+02	4.9E+02		9.5E+01
				4.0E-02	O						1.36E+09		1	0.1	Prometryn	7287-19-6					3.1E+02	1.3E+03		2.5E+02
				7.5E-02	I						1.36E+09		1	0.1	Promamide	23950-58-5					5.9E+02	2.5E+03		4.7E+02
				1.3E-02	I						1.36E+09		1	0.1	Propachlor	1918-16-7					1.0E+02	4.3E+02		8.2E+01
				5.0E-03	I						1.36E+09		1	0.1	Propanil	709-98-8					3.9E+01	1.6E+02		3.2E+01
1.9E-01	O			4.0E-02	O						1.36E+09		1	0.1	Propargite	2312-35-8	3.6E+00	1.3E+01		2.8E+00	3.1E+02	1.3E+03		2.5E+02
				2.0E-03	I			V		1.11E+05	1.36E+09	6.27E+04	1	1	Propargyl Alcohol	107-19-7					1.6E+01			1.6E+01
				2.0E-02	I						1.36E+09		1	0.1	Propazine	139-40-2					1.6E+02	6.6E+02		1.3E+02
				2.0E-02	I						1.36E+09		1	0.1	Propam	122-42-9					1.6E+02	6.6E+02		1.3E+02
				1.0E-01	O						1.36E+09		1	0.1	Propiconazole	60207-90-1					7.8E+02	3.3E+03		6.3E+02
						8.0E-03	I	V		3.2E+04	1.36E+09	8.94E+03	1	1	Propionaldehyde	123-38-6							7.5E+00	7.5E+00
				1.0E-01	X	1.0E+00	X	V		2.64E+02	1.36E+09	6.99E+03	1	1	Propyl benzene	103-65-1					7.8E+02		7.3E+02	3.8E+02
				2.0E+01	P	3.0E+00	C	V		3.49E+02	1.36E+09	7.04E+02	1	1	Propylene	115-07-1							2.2E+02	2.2E+02
											1.36E+09		1	0.1	Propylene Glycol	57-55-6					1.6E+05	6.6E+05		1.3E+05
2.4E-01	I	3.7E-06	I	7.0E-01	H	2.0E+00	I	V		1.06E+05	1.36E+09	7.83E+04	1	1	Propylene Glycol Dinitrate	6423-43-4					5.5E+03		3.9E+04	3.9E+04
				5.0E-04	I	3.0E-02	I	V		7.77E+04	1.36E+09	1.03E+04	1	1	Propylene Glycol Monomethyl Ether	107-98-2	2.9E+00		7.8E+00	2.1E+00			1.6E+04	4.1E+03
											1.36E+09	5.54E+04	1	1	Propylene Oxide	75-56-9							3.2E+01	3.2E+01
3.0E+00	I			1.0E-03	I			V		5.30E+05	1.36E+09		1	1	Pyridine	110-86-1					7.8E+00			7.8E+00
				5.0E-04	I						1.36E+09		1	0.1	Quinalphos	13593-03-8					3.9E+00	1.6E+01		3.2E+00
											1.36E+09		1	0.1	Quinoline	91-22-5	2.3E-01	8.2E-01		1.8E-01				
				9.0E-03	I	3.0E-02	A				1.36E+09		1	0.1	Quizalofop-ethyl	76578-14-8					7.0E+01	3.0E+02		5.7E+01
				3.0E-02	I						1.36E+09		1	0.1	Refractory Ceramic Fibers (units in fibers)	E715557								
											1.36E+09		1	0.1	Resmethrin	10453-86-8					2.3E+02	9.9E+02		1.9E+02
2.2E-01	C	6.3E-05	C	5.0E-02	H			V			1.36E+09	4.65E+05	1	1	Ronnel	299-84-3					3.9E+02			3.9E+02
				4.0E-03	I						1.36E+09		1	0.1	Rotenone	83-79-4					3.1E+01	1.3E+02		2.5E+01
											1.36E+09		1	0.1	Safrole	94-59-7	7.0E-01	2.7E+00	2.2E+04	5.5E-01				
				5.0E-03	I	2.0E-02	C				1.36E+09		1	1	Selenious Acid	7783-00-8					3.9E+01			3.9E+01
				5.0E-03	I	2.0E-02	C				1.36E+09		1	1	Selenium	7782-49-2					3.9E+01		2.8E+06	3.9E+01
				5.0E-03	C	2.0E-02	C				1.36E+09		1	1	Selenium Sulfide	7446-34-6					3.9E+01		2.8E+06	3.9E+01
1.2E-01	H			1.4E-01	O	3.0E-03	C				1.36E+09		1	0.1	Sethoxydim	74051-80-2					1.1E+03	4.6E+03		8.8E+02
				5.0E-03	I						1.36E+09		1	0.04	Silica (crystalline, respirable)	7631-86-9							4.3E+05	4.3E+05
				5.0E-03	I						1.36E+09		1	0.1	Silver	7440-22-4					3.9E+01			3.9E+01
2.7E-01	H			5.0E-03	I						1.36E+09		1	0.1	Simazine	122-34-9	5.8E+00	2.1E+01		4.5E+00	3.9E+01	1.6E+02		3.2E+01
				1.3E-02	I						1.36E+09		1	0.1	Sodium Acifluorfen	62476-59-9					1.0E+02	4.3E+02		8.2E+01
				4.0E-03	I						1.36E+09		1	0.1	Sodium Azide	26628-22-8					3.1E+01			3.1E+01
				3.0E-02	A	1.3E-02	C				1.36E+09		1	0.1	Sodium Diethyldithiocarbamate	148-18-5	2.6E+00	9.2E+00		2.0E+00	2.3E+02	9.9E+02		1.9E+02
				5.0E-02	I						1.36E+09		1	0.1	Sodium Fluoride	7681-49-4					3.9E+02		1.8E+06	3.9E+02
				2.0E-05	I						1.36E+09		1	0.1	Sodium Fluoroacetate	62-74-8					1.6E-01	6.6E-01		1.3E-01
2.4E-02	H			1.0E-03	H						1.36E+09		1	1	Sodium Metavanadate	13718-26-8					7.8E+00			7.8E+00
				8.0E-04	P						1.36E+09		1	1	Sodium Tungstate	13472-45-2					6.3E+00			6.3E+00
				8.0E-04	P						1.36E+09		1	1	Sodium Tungstate Dihydrate	10213-10-2					6.3E+00			6.3E+00
				3.0E-02	I						1.36E+09		1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.9E+01	1.0E+02		2.3E+01	2.3E+02	9.9E+02		1.9E+02
				6.0E-01	I						1.36E+09		1	0.1	Strontium, Stable	7440-24-6					4.7E+03			4.7E+03
				3.0E-04	I						1.36E+09		1	0.1	Strychnine	57-24-9					2.3E+00	9.9E+00		1.9E+00
				2.0E-01	I	1.0E+00	I	V		8.67E+02	1.36E+09	9.35E+03	1	1	Styrene	100-42-5					1.6E+03		9.7E+02	6.0E+02
				3.0E-03	P						1.36E+09		1	0.1	Styrene-Acrylonitrile (SAN) Trimer	57964-39-3					2.3E+01	9.9E+01		1.9E+01
				1.0E-03	P	2.0E-03	X				1.36E+09		1	0.1	Sulfolane	126-33-0					7.8E+00	3.3E+01	2.8E+05	6.3E+00
				8.0E-04	P						1.36E+09		1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.3E+00	2.6E+01		5.1E+00
						1.0E-03	C	V			1.36E+09		1	1	Sulfur Trioxide	7446-11-9							1.4E+05	1.4E+05
						1.0E-03	C				1.36E+09		1	1	Sulfuric Acid	7664-93-9							1.4E+05	1.4E+05
2.5E-02	I	7.1E-06	I	5.0E-02	H						1.36E+09		1	0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl	140-57-8	2.8E+01	9.9E+01	5.4E+05	2.2E+01	3.9E+02	1.6E+03		3.2E+02
				3.0E-02	H						1.36E+09		1	0.1	TCMTB	21564-17-0					2.3E+02	9.9E+02		1.9E+02
				7.0E-02																				

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day)	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>o</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	Vol	muta gen	C <sub>sat</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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
						8.0E+01	I	V		2.05E+03	1.36E+09	1.22E+03		1	Tetrafluoroethane, 1,1,1,2-Tetrayl (Trinitrophenylmethyl nitramine)	811-97-2 479-45-8					1.6E+01	1.0E+04	1.0E+04	1.0E+04
				2.0E-03	P						1.36E+09			0.00065										1.6E+01
				2.0E-05	S						1.36E+09			1	Thallic Oxide	1314-32-5					1.6E-01			1.6E-01
				1.0E-05	X						1.36E+09			1	Thallium (I) Nitrate	10102-45-1					7.8E-02			7.8E-02
				1.0E-05	X						1.36E+09			1	Thallium (Soluble Salts)	7440-28-0					7.8E-02			7.8E-02
				1.0E-05	X			V			1.36E+09			1	Thallium Acetate	563-68-8					7.8E-02			7.8E-02
				2.0E-05	X			V			1.36E+09			1	Thallium Carbonate	6533-73-9					1.6E-01			1.6E-01
				1.0E-05	X						1.36E+09			1	Thallium Chloride	7791-12-0					7.8E-02			7.8E-02
				1.0E-05	S						1.36E+09			1	Thallium Selenite	12039-52-0					7.8E-02			7.8E-02
				2.0E-05	X						1.36E+09			1	Thallium Sulfate	7446-18-6					1.6E-01			1.6E-01
				4.3E-02	O						1.36E+09			0.1	Thiethylsulfur-methyl	79277-27-3					3.4E+02	1.4E+03		2.7E+02
				1.0E-02	I						1.36E+09			1	Thiobencarb	28249-77-6					7.8E+01	3.3E+02		6.3E+01
				7.0E-02	X						1.36E+09			0.0075	Thiodiglycol	111-48-8					5.5E+02	3.1E+04		5.4E+02
				3.0E-04	H						1.36E+09			0.1	Thiofanox	39196-18-4					2.3E+00	9.9E+00		1.9E+00
1.2E-02	O			2.7E-02	O						1.36E+09			1	Thiophanate, Methyl	23564-05-8	6.0E+01	2.1E+02		4.7E+01	2.1E+02	8.8E+02		1.7E+02
				1.5E-02	O						1.36E+09			1	Thiram	137-26-8					1.2E+02	4.9E+02		9.5E+01
				6.0E-01	H						1.36E+09			1	Tin	7440-31-5					4.7E+03			4.7E+03
				1.0E-04	A	V					1.36E+09			1	Titanium Tetrachloride	7550-45-0							1.4E+04	1.4E+04
				8.0E-02	I	5.0E+00	I	V		8.18E+02	1.36E+09	4.29E+03		1	Toluene	108-88-3					6.3E+02		2.2E+03	4.9E+02
		1.1E-05	C			8.0E-06	C	V			1.36E+09	7.62E+05		1	Toluene-2,4-diisocyanate	584-84-9						6.4E-01		6.4E-01
1.8E-01	X			2.0E-04	X						1.36E+09			0.1	Toluene-2,5-diamine	95-70-5	3.9E+00	1.4E+01	1.9E+02	1.9E+02	1.6E+00	6.6E+00		1.3E+00
		1.1E-05	C			8.0E-06	C	V		1.71E+03	1.36E+09	6.32E+05		1	Toluene-2,6-diisocyanate	91-08-7			1.6E+02	1.6E+02		5.3E-01		5.3E-01
				5.0E-03	P						1.36E+09			0.1	Toluic Acid, p-	99-94-5					3.9E+01	1.6E+02		3.2E+01
1.6E-02	P	5.1E-05	C			6.0E-01	P	V		1.41E+02	1.36E+09	8.29E+02		1	Toluidine, o- (Methylaniline, 2-)	95-53-4	4.3E+01	1.5E+02	7.5E+04	3.4E+01				
3.0E-02	P			4.0E-03	X						1.36E+09			0.1	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		3.42E-01	1.36E+09	1.38E+03		1	Total Petroleum Hydrocarbons (Aliphatic High)	E1790670					2.3E+04			2.3E+04
				1.0E-02	X	1.0E-01	P	V		6.86E+00	1.36E+09	1.04E+03		1	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666							5.2E+01	5.2E+01
				4.0E-02	P						1.36E+09			0.1	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668					7.8E+01	1.1E+01		9.6E+00
				4.0E-02	P						1.36E+09			0.1	Total Petroleum Hydrocarbons (Aromatic High)	E1790676					3.1E+02	1.3E+03		2.5E+02
				4.0E-03	P	3.0E-02	P	V		1.82E+03	1.36E+09	3.54E+03		1	Total Petroleum Hydrocarbons (Aromatic Low)	E1790672					3.1E+01	3.0E+00	1.1E+01	8.2E+00
				4.0E-03	P	3.0E-03	P	V			1.36E+09	5.24E+04		1	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674					3.1E+01	1.6E+01		1.1E+01
1.1E+00	I	3.2E-04	I			3.0E-05	P				1.36E+09			0.1	Toxaphene	8001-35-2	6.3E-01	2.2E+00	1.2E+04	4.9E-01	7.0E-01	3.0E+00		5.7E-01
				3.0E-05	X						1.36E+09			0.1	Toxaphene, Weathered	E1841606					2.3E-01	9.9E-01		1.9E-01
				7.5E-03	I						1.36E+09			0.1	Tralometrin	66841-25-6					5.9E+01	2.5E+02		4.7E+01
				3.0E-04	A			V			1.36E+09	3.36E+03		1	Tri-n-butyltin	688-73-3					2.3E+00			2.3E+00
				8.0E-01	X						1.36E+09			0.1	Triacetin	102-76-1					6.3E+05	2.6E+06		5.1E+05
				3.4E-02	O						1.36E+09			0.1	Triadimefon	43121-43-3					2.7E+02	1.1E+03		2.1E+02
7.2E-02	O			2.5E-02	O			V			1.36E+09	3.62E+05		1	Triallate	2303-17-5	9.7E+00		9.7E+00		2.0E+02			2.0E+02
				1.0E-02	I						1.36E+09			0.1	Triasulfuron	82097-50-5					7.8E+01	3.3E+02		6.3E+01
				8.0E-03	I						1.36E+09			0.1	Tribenuron-methyl	101200-48-0					6.3E+01	2.6E+02		5.1E+01
				5.0E-03	I			V			1.36E+09	4.83E+04		1	Tribromobenzene, 1,2,4-	615-54-3					3.9E+01			3.9E+01
				9.0E-03	X						1.36E+09			0.1	Tribromophenol, 2,4,6-	118-79-6					7.0E-01	3.0E+02		5.7E+01
				1.0E-02	X						1.36E+09			0.1	Tributyl Phosphate	126-73-8	7.7E+01	2.7E+02		6.0E+01	7.8E+01	3.3E+02		6.3E+01
				3.0E-04	P						1.36E+09			0.1	Tributyltin Compounds	E1790678					2.3E+00	9.9E+00		1.9E+00
				3.0E+01	I	5.0E+00	P	V		9.10E+02	1.36E+09	1.29E+03		1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	56-35-9					2.3E+00	9.9E+00		1.9E+00
7.0E-02	I			2.0E-02	I						1.36E+09			0.1	Trichloroacetic Acid	76-13-1 76-03-9	9.9E+00	3.5E+01		7.8E+00	1.6E+02	6.6E+02	6.7E+02	1.3E+02
2.9E-02	H			3.0E-05	X						1.36E+09			0.1	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			8.0E-04	X						1.36E+09			0.1	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	6.3E+00			6.3E+00
				2.9E-02	P						1.36E+09	3.22E+04		1	Trichlorobenzene, 1,2,3-	87-61-6					2.4E+01			2.4E+01
				1.0E-02	I	2.0E-03	P	V		4.04E+02	1.36E+09	2.99E+04		1	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		6.40E+02	1.36E+09	1.65E+03		1	Trichloroethane, 1,1,1-	71-55-6					1.6E+04		8.6E+02	8.1E+02
				4.0E-03	I	2.0E-04	X	V		2.16E+03	1.36E+09	7.22E+03		1	Trichloroethane, 1,1,2-	79-00-5	1.2E+01		1.3E+00	1.1E+00	3.1E+01		1.5E-01	
				4.6E-02	I	4.1E-06	I				6.92E+02	1.36E+09	2.21E+03	1	Trichloroethylene	79-01-6	8.8E+00		1.1E+00	9.4E-01	3.9E+00		4.6E-01	4.1E-01
				3.0E-01	I			V		1.23E+03	1.36E+09	1.04E+03		1	Trichlorofluoromethane	75-69-4					2.3E+03			2.3E+03
				1.0E-01	I						1.36E+09			0.1	Trichlorophenol, 2,4,5-	95-95-4					7.8E+02	3.3E+03		6.3E+02
				1.1E-02	I	3.1E-06	I				1.36E+09			0.1	Trichlorophenol, 2,4,6-	88-06-2	6.3E+01	2.2E+02	1.2E+06	4.9E+01	7.8E+00	3.3E+01		6.3E+00
				1.0E-02	I						1.36E+09			0.1	Trichlorophenoxy									

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 <sub>o</sub>	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 Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)			
3.0E-02	I	5.0E-04	I	1.36E+09	1	0.019									Trinitrobenzene, 1,3,5-	99-35-4					2.3E+02	2.6E+02		2.1E+01	3.9E+00	5.2E+01	3.6E+00
3.0E-02	I	5.0E-04	I	1.36E+09	1	0.032									Trinitrotoluene, 2,4,6-	118-96-7	2.3E+01	2.6E+02		2.1E+01	3.9E+00	5.2E+01		3.6E+00			
2.0E-02	P	2.0E-02	P	1.36E+09	1	0.1									Triphenylphosphine Oxide	791-28-6					1.6E+02	6.6E+02		1.3E+02			
2.0E-02	A	2.0E-02	A	1.36E+09	1	0.1									Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.6E+02	6.6E+02		1.3E+02			
1.0E-02	X	1.0E-02	X	1.36E+09	1	0.1									Tris(1-chloro-2-propyl)phosphate	13674-84-5					7.8E+01	3.3E+02		6.3E+01			
2.3E+00	C	6.6E-04	C	7.0E-03	P	4.67E+02	1.36E+09	9.03E+05	1	0.1					Tris(2,3-dibromopropyl)phosphate	126-72-7	3.0E-01		3.8E+00	2.8E-01	5.5E+01	2.3E+02		4.4E+01			
2.0E-02	P	2.0E-02	P	1.36E+09	1	0.1									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	1.36E+09	1	0.1									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			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Tungsten	7440-33-7					6.3E+00			6.3E+00			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Uranium (Soluble Salts)	E715565					1.6E+00		5.7E+03	1.6E+00			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Urethane	51-79-6	1.5E-01	6.0E-01	4.8E+03	1.2E-01	7.0E+01		9.9E+02	6.6E+01			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Vanadium Pentoxide	1314-62-1			4.6E+02	4.6E+02	3.9E+01		1.4E+04	3.9E+01			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Vanadium and Compounds	7440-62-2					7.0E+01		9.9E+02	6.6E+01			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Vernolate	1929-77-7					7.8E+00			7.8E+00			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Vincolozolin	50471-44-8					9.4E+00	4.0E+01		7.6E+00			
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	1.36E+09			0.026					Vinyl Acetate	108-05-4					7.8E+03		9.2E+01	9.1E+01			
3.2E-05	H	3.2E-05	H	3.0E-03	I	1.0E-01	1.36E+09	1.37E+03	1						Vinyl Bromide	593-60-2			1.2E-01	1.2E-01	2.3E+01		4.3E-01	4.3E-01			
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	1.36E+09	9.56E+02	1						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	3.0E-04	I	1.36E+09	1	0.1									Warfarin	81-81-2					2.3E+00	9.9E+00		1.9E+00			
2.0E-01	S	1.0E-01	S	3.90E+02	1.36E+09	5.58E+03	1								Xylene, p-	106-42-3					1.6E+03		5.8E+01	5.6E+01			
2.0E-01	S	1.0E-01	S	3.88E+02	1.36E+09	5.47E+03	1								Xylene, m-	108-38-3					1.6E+03		5.7E+01	5.5E+01			
2.0E-01	S	1.0E-01	S	4.34E+02	1.36E+09	6.46E+03	1								Xylene, o-	95-47-6					1.6E+03		6.7E+01	6.5E+01			
2.0E-01	I	1.0E-01	I	2.60E+02	1.36E+09	5.74E+03	1								Xylenes	1330-20-7					1.6E+03		6.0E+01	5.8E+01			
3.0E-04	I	3.0E-04	I	1.36E+09	1										Zinc Phosphide	1314-84-7					2.3E+00			2.3E+00			
3.0E-01	I	3.0E-01	I	1.36E+09	1										Zinc and Compounds	7440-66-6					2.3E+03			2.3E+03			
5.0E-02	I	5.0E-02	I	1.36E+09	1	0.1									Zinc	12122-67-7					3.9E+02	1.6E+03		3.2E+02			
8.0E-05	X	8.0E-05	X	1.36E+09	1										Zirconium	7440-67-7					6.3E-01			6.3E-01			

TR=1E-06  
THQ=0.1