

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) ⁻¹	K _e (y)	IUR (ug/m ³) ⁻¹	K _e (mg/kg-day)	RfD _a (mg/kg-day)	RfC _a (mg/m ³)	K _e (y)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /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)		
8.7E-03		2.2E-06	I	4.0E-03	I	9.0E-03	I V	1.1E+05	1.4E+09	8.7E+03	1	0.1	Acetophate	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			1.4E+09	1.4E+09		1	0.1	Acetaldehyde	75-07-0				4.9E+01	2.3E+04	5.5E+04	3.4E+02	3.4E+02		
				9.0E-01	I	3.1E+01	A V	1.1E+05	1.4E+09	1.4E+04	1		Acetone	67-64-1					1.1E+06		1.8E+06	6.7E+05		
				2.0E-03	X			1.4E+09	1.4E+09		1	0.1	Acetone Cyanohydrin	75-86-5							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		
3.8E+00	C	1.3E-03	C	1.0E-01	I		V	2.5E+03	1.4E+09	6.0E+04	1		Acetophenone	98-86-2	8.6E-01	2.0E+00	1.3E+04	6.0E-01	1.2E+05			1.2E+05		
				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					5.8E+02		6.1E-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	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		
				5.0E-01	I	1.0E-03	I V	1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7					5.8E+05		4.2E+02	4.2E+02		
5.4E-01	I	6.8E-05	I	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		
						6.0E-03	P		1.4E+09		1	0.1	Adiponitrile	111-69-3							3.6E+07	3.6E+07		
5.6E-02	C			1.0E-02	I				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	8.2E+03	8.2E+03		
				1.0E-03	I				1.4E+09		1	0.1	Aldicarb	116-06-3					1.2E+03	2.8E+03		8.2E+02		
				1.0E-03	I				1.4E+09		1	0.1	Aldicarb Sulfone	1646-88-4					1.2E+03	2.8E+03		8.2E+02		
1.7E+01	I	4.9E-03	I	3.0E-05	I		V		1.4E+09	1.7E+06	1		Aldicarb sulfoxide	1646-87-3	1.9E-01		4.3E+00	1.8E-01	3.5E+01			3.5E+01		
									1.4E+09		1	0.1	Aldrin	309-00-2										
2.1E-02	C	6.0E-06	C	5.0E-03	P	1.0E-04	X V	1.1E+05	1.4E+09	3.4E+04	1		Allyl Alcohol	107-18-6	1.6E+02			3.2E+00	5.8E+03		1.5E+01	1.5E+01		
				1.0E+00	P	5.0E-03	P	1.4E+03	1.4E+09	1.6E+03	1		Allyl Chloride	107-05-1					1.2E+06		6.9E+00	6.9E+00		
				4.0E-04	I				1.4E+09		1		Aluminum	7429-90-5							3.0E+07	1.1E+06		
				9.0E-03	I				1.4E+09		1	0.1	Aluminum Phosphide	20859-73-8					4.7E+02			4.7E+02		
2.1E+01	C	6.0E-03	C	4.0E-04	I				1.4E+09		1	0.1	Ametryn	834-12-8	1.6E-01	3.7E-01	2.8E+03	1.1E-01	1.1E+04	2.5E+04		7.4E+03		
				8.0E-02	P				1.4E+09		1	0.1	Aminobiphenyl, 4-	92-67-1										
				2.0E-02	P				1.4E+09		1	0.1	Aminophenol, m-	591-27-5					9.3E+04	2.2E+05		6.6E+04		
				2.5E-03	I				1.4E+09		1	0.1	Aminophenol, p-	123-30-8					2.3E+04	5.5E+04		1.6E+04		
						1.0E-01	I V		1.4E+09		1		Amtraz	33089-61-1					2.9E+03	6.9E+03		2.1E+03		
				2.0E-01	I	3.0E-03	X V	1.4E+04	1.4E+09	2.6E+04	1		Ammonia	7664-41-7					2.3E+05			2.3E+05		
									1.4E+09		1		Ammonium Sulfamate	7773-06-0								3.4E+02		
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		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-02	P			2.0E-03	X				1.4E+09		1	0.1	Anthraquinone, 9,10-	84-65-1	8.2E+01	1.9E+02		5.7E+01	2.3E+03	5.5E+03		1.6E+03		
				4.0E-04	I				1.4E+09		0.15		Antimony (metallic)	7440-36-0					4.7E+02			4.7E+02		
				5.0E-04	H				1.4E+09		0.15		Antimony Pentoxide	1314-60-9					5.8E+02			5.8E+02		
				4.0E-04	H				1.4E+09		0.15		Antimony Tetroxide	1332-81-6					4.7E+02			4.7E+02		
				2.0E-04	I				1.4E+09		0.15		Antimony Trioxide	1309-64-4							1.2E+06	1.2E+06		
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		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		Arsine	7784-42-1					4.1E+00		3.0E+05	4.1E+00		
				5.0E-02	I				1.4E+09		1	0.1	Asulam	3337-71-1					5.8E+04	1.4E+05		4.1E+04		
2.3E-01	C			3.5E-02	I				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		
8.8E-01	C	2.5E-04	C	4.0E-04	I				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		
				4.0E-04	I				1.4E+09		1	0.1	Avermectin B1	65195-55-3										
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A V		1.4E+09	5.2E+05	1	0.1	Azinphos-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		
				1.0E+00	P	7.0E-06	P		1.4E+09		1	0.1	Azobenzene	103-33-3					1.2E+06	2.8E+06	4.2E+04	4.0E+04		
				2.0E-01	I	5.0E-04	H		1.4E+09		0.07		Azodicarbonamide	123-77-3					2.3E+05		3.0E+06	2.2E+05		
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C M		1.4E+09	0.025			Barium	7440-39-3	6.5E+00		1.1E+02	6.2E+00	2.3E+04		1.2E+06	2.3E+04		
				3.0E-01	I		V		1.4E+09	3.1E+05	1		Barium Chromate	10294-40-3					3.5E+05			3.5E+05		
				5.0E-02	I				1.4E+09		1	0.1	Benomyl	17804-35-2					5.8E+04	1.4E+05		4.1E+04		
				2.0E-01	I				1.4E+09		1	0.1	Bensulfuron-methyl	83055-99-6					2.3E+05	5.5E+05		1.6E+05		
				3.0E-02	I				1.4E+09		1	0.1	Bentazon	25057-89-0					3.5E+04	8.3E+04		2.5E+04		
4.0E-03	P			1.0E-01	I		V	1.2E+03	1.4E+09	2.3E+04	1		Benzaldehyde	100-52-7	8.2E+02			8.2E+02	1.2E+05			1.2E+05		
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		Benzene	71-43-2	5.9E+01		5.6E+00	5.1E+00	4.7E+03		4.6E+02	4.2E+02		
1.0E-01	X			3.0E-04	X				1.4E+09		1	0.1	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	3.3E+01	7.7E+01		2.3E+01	3.5E+02	8.3E+02		2.5E+02		
2.3E+02	I	6.7E-02	I	1.0E-03	P		V	1.3E+03	1.4E+09	1.9E+04	1		Benzenethiol	108-98-5	1.4E-02	3.4E-02	2.5E+02	1.0E-02	1.2E+03			1.2E+03		
				3.0E-03	I		M		1.4E+09		1	0.1	Benzidine	92-87-5					3.5E+03	8.3E+03		2.5E+03		
				4.0E+00	I				1.4E+09		1	0.1	Benzoic Acid	65-85-0					4.7E+06	1.1E+07				

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	K _e (ug/m ³ -d) ⁻¹	IUR (ug/m ³ -d) ⁻¹	RfD _a (mg/kg-day)	RfC _a (mg/m ³ -d)	RfD _o (mg/kg-day)	RfC _o (mg/m ³ -d)	PEF (m ³ /kg)	VF (m ³ /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)	
6.2E-04	I		4.0E-02	H							Cobalt	7440-48-4			1.9E+03	1.9E+03					
			5.0E-02	I	6.0E-01	C				0.1	Coke Oven Emissions	8007-45-2						4.7E+04		4.7E+04	
			5.0E-02	I	6.0E-01	C				0.1	Copper	7440-50-8						5.8E+04	1.4E+05	3.6E+09	4.1E+04
			1.0E-01	A	6.0E-01	C				0.1	Cresol, m-	108-39-4						5.8E+04	1.4E+05	3.6E+09	4.1E+04
			1.0E-01	A						0.1	Cresol, o-	95-48-7						1.2E+05	2.8E+05	3.6E+09	8.2E+04
			1.0E-01	A						0.1	Cresol, p-chloro-m-	59-50-7						1.2E+05	2.8E+05	3.6E+09	8.2E+04
1.9E+00	H		1.0E-01	A	6.0E-01	C				0.1	Cresols	1319-77-3						1.2E+05	2.8E+05	3.6E+09	8.2E+04
			1.0E-03	P							Crotonaldehyde, trans-	123-73-9	1.7E+00			1.7E+00		1.2E+03		1.2E+03	
			1.0E-01	I	4.0E-01	I					Cumene	98-82-8						1.2E+05	1.1E+04	9.9E+03	
2.2E-01	C	6.3E-05	C								Cupferron	135-20-6	1.5E+01	3.5E+01	2.6E+05	1.0E+01	2.3E+03	5.5E+03		1.6E+03	
8.4E-01	H										Cyanazine	21725-46-2	3.9E+00	9.2E+00		2.7E+00					
			2.0E-03	H							Cyanides										
											-Calcium Cyanide	592-01-8						1.2E+03		1.2E+03	
											-Copper Cyanide	544-92-3						5.8E+03		5.8E+03	
											-Cyanide (CN-)	57-12-5						7.0E+02	1.9E+02	1.5E+02	
											-Cyanogen	460-19-5						1.2E+03		1.2E+03	
											-Cyanogen Bromide	506-68-3						1.1E+05		1.1E+05	
											-Cyanogen Chloride	506-77-4						5.8E+04		5.8E+04	
											-Hydrogen Cyanide	74-90-8						7.0E+02	1.8E+02	1.5E+02	
											-Potassium Cyanide	151-50-8						2.3E+03		2.3E+03	
											-Potassium Silver Cyanide	506-61-6						5.8E+03		5.8E+03	
											-Silver Cyanide	506-64-9						1.2E+05		1.2E+05	
											-Sodium Cyanide	143-33-9						1.2E+03		1.2E+03	
											-Thiocyanates	NA						2.3E+02		2.3E+02	
											-Thiocyanic Acid	463-56-9						2.3E+02		2.3E+02	
											-Zinc Cyanide	557-21-1						5.8E+04		5.8E+04	
											Cyclohexane	110-82-7						2.7E+04		2.7E+04	
2.3E-02	H										Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.4E+02	3.4E+02	1.0E+02		5.8E+06		1.3E+05	1.3E+05	
											Cyclohexanone	108-94-1					5.8E+03	6.4E+03		3.1E+03	
											Cyclohexene	110-83-8					2.3E+05			2.3E+05	
											Cyfluthrin	68359-37-5					2.9E+04	6.9E+04		2.1E+04	
											Cyhalothrin	68005-85-8					5.8E+03	1.4E+04		4.1E+03	
											Cypermethrin	52315-07-8					1.2E+04	2.8E+04		8.2E+03	
											Cyromazine	66215-27-8					8.8E+03	2.1E+04		6.2E+03	
2.4E-01	I	6.9E-05	C								DDD	72-54-8	1.4E+01	3.2E+01	2.4E+05	9.6E+00					
3.4E-01	I	9.7E-05	C								DDE, p,p'-	72-55-9	9.6E+00		2.7E+02	9.3E+00		5.8E+02	4.6E+03	5.2E+02	
3.4E-01	I	9.7E-05	I								DDT	50-29-3	9.6E+00	7.6E+01	1.7E+05	8.5E+00	3.5E+04	8.3E+04		2.5E+04	
			3.0E-02	I							Dalapon	75-99-0									
1.8E-02	C	5.1E-06	C								Daminozide	1596-84-5	1.8E+02	4.3E+02	3.3E+06	1.3E+02	1.8E+05	4.1E+05		1.2E+05	
7.0E-04	I										Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	4.7E+03	1.1E+04		3.3E+03	8.2E+03	1.9E+04		5.7E+03	
											Demeton	8065-48-3					4.7E+01	1.1E+02		3.3E+01	
1.2E-03	I										Di(2-ethylhexyl)edipate	103-23-1	2.7E+03	6.4E+03		1.9E+03	7.0E+05	1.7E+06		4.9E+05	
6.1E-02	H										Diallate	2303-16-4	5.4E+01	1.3E+02		3.8E+01	8.2E+02	1.9E+03		5.7E+02	
											Diazinon	333-41-5									
8.0E-01	P	6.0E-03	P								Dibenzothiophene	132-65-0					1.2E+04			1.2E+04	
											Dibromo-3-chloropropane, 1,2-	96-12-8	4.1E+00		6.5E-02	6.4E-02	2.3E+02		2.8E+01	2.5E+01	
											Dibromobenzene, 1,3-	108-36-1					4.7E+02			4.7E+02	
											Dibromobenzene, 1,4-	106-37-6					1.2E+04			1.2E+04	
8.4E-02	I										Dibromochloromethane	124-48-1	3.9E+01			3.9E+01	2.3E+04			2.3E+04	
2.0E+00	I	6.0E-04	I								Dibromoethane, 1,2-	106-93-4	1.6E+00		1.8E-01	1.6E-01	1.1E+04		3.4E+02	3.3E+02	
											Dibromomethane (Methylene Bromide)	74-95-3									
											Dibutyltin Compounds	NA					3.5E+02	8.3E+02		2.5E+02	
											Dicamba	1918-00-9					3.5E+04	8.3E+04		2.5E+04	
4.2E-03	P										Dichloro-2-butene, 1,4-	764-41-0			9.4E-03	9.4E-03					
4.2E-03	P										Dichloro-2-butene, cis-1,4-	1476-11-5			3.2E-02	3.2E-02					
4.2E-03	P										Dichloro-2-butene, trans-1,4-	110-57-6			3.2E-02	3.2E-02					
5.0E-02	I										Dichloroacetic Acid	79-43-6	6.5E+01	1.5E+02		4.6E+01	4.7E+03	1.1E+04		3.3E+03	
											Dichlorobenzene, 1,2-	95-50-1					1.1E+05		1.0E+04	9.3E+03	
5.4E-03	C	1.1E-05	C								Dichlorobenzene, 1,4-	106-46-7	6.1E+02		1.2E+01	1.1E+01	8.2E+04		3.7E+04	2.5E+04	
4.5E-01	I	3.4E-04	C								Dichlorobenzidine, 3,3'-	91-94-1	7.3E+00	1.7E+01	4.9E+04	5.1E+00					
											Dichlorobenzophenone, 4,4'-	90-98-2					1.1E+04	2.5E+04		7.4E+03	
											Dichlorodifluoromethane	75-71-8					2.3E+05		3.7E+02	3.7E+02	
5.7E-03	C	1.6E-06	C								Dichloroethane, 1,1-	75-34-3	5.7E+02		1.6E+01	1.6E+01	2.3E+05			2.3E+05	
9.1E-02	I	2.6E-05	I								Dichloroethane, 1,2-	107-06-2	3.6E+01		2.2E+00	2.0E+00	7.0E+03		1.4E+02	1.4E+02	
											Dichloroethylene, 1,1-	75-35-4					5.8E+04		1.0E+03	1.0E+03	
											Dichloroethylene, 1,2-cis-	156-59-2					2.3E+03			2.3E+03	
											Dichloroethylene, 1,2-trans-	156-60-5					2.3E+04			2.3E+04	
											Dichlorophenol, 2,4-	120-83-2					3.5E+03	8.3E+03		2.5E+03	
											Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.2E+04	5.5E+04		9.6E+03	
											Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					9.3E+03	2.2E+04		6.6E+03	
3.6E-02	C	1.0E-05	C								Dichloropropane, 1,2-	78-87-5	9.1E+01		4.6E+00	4.4E+00	1.1E+05		6.6E+01	6.6E+01	
											Dichloropropane, 1,3-	142-28-9					2.3E+04			2.3E+04	
											Dichloropropanol, 2,3-	616-23-9					3.5E+03	8.3E+03		2.5E+03	
1.0E-01	I	4.0E-06	I								Dichloropropene, 1,3-	542-75-6	3.3E+01		1.1E+01	8.2E+00	3.5E+04		3.1E+02	3.1E+02	

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Toxicity and Chemical-specific Information												Contaminant											
SFO (mg/kg-day) ⁻¹	K _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	K _e (mg/kg-day)	RfD _a (mg/kg-day)	K _e (ug/m ³) ⁻¹	RfC _a (mg/m ³)	K _e (ug/m ³) ⁻¹	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /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)
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I						0.1	Dichlorvos	62-73-7	1.1E+01	2.7E+01	2.0E+05	7.9E+00	5.8E+02	1.4E+03	3.0E+06	4.1E+02
				1.0E-04	I								0.1	Diclorophos	141-66-2					1.2E+02	2.8E+02		8.2E+01
				8.0E-02	P	3.0E-04	X V		2.6E+02	1.4E+09	4.1E+03			Dicycloptadiene	77-73-6					9.3E+04		5.4E+00	5.4E+00
1.6E+01	I	4.6E-03	I	5.0E-05	I					1.4E+09			0.1	Dieldrin	60-57-1	2.0E-01	4.8E-01	3.6E+03	1.4E-01	5.8E+01	1.4E+02		4.1E+01
		3.0E-04	C			5.0E-03	I						0.1	Diesel Engine Exhaust	NA								
				2.0E-03	P	2.0E-04	P			1.4E+09			0.1	Diethanolamine	111-42-2					2.3E+03	5.5E+03	1.2E+06	1.6E+03
				3.0E-02	P	1.0E-04	P			1.4E+09			0.1	Diethylene Glycol Monobutyl Ether	112-34-5					3.5E+04	8.3E+04	6.0E+05	2.4E+04
				6.0E-02	P	3.0E-04	P			1.4E+09			0.1	Diethylene Glycol Monoethyl Ether	111-90-0					7.0E+04	1.7E+05	1.8E+06	4.8E+04
				1.0E-03	P		V		1.1E+05	1.4E+09	1.4E+05			Diethylformamide	617-84-5					1.2E+03			1.2E+03
3.5E+02	C	1.0E-01	C							1.4E+09			0.1	Diethylstilbestrol	56-53-1	9.3E-03	2.2E-02	1.7E+02	6.6E-03				
				8.0E-02	I					1.4E+09			0.1	Difenzoquat	43222-48-6					9.3E+04	2.2E+05		6.6E+04
				2.0E-02	I					1.4E+09			0.1	Diflubenzuron	35367-38-5					2.3E+04	5.5E+04		1.6E+04
4.4E-02	C	1.3E-05	C			4.0E+01	I V		1.4E+03	1.4E+09	1.2E+03			Diffuroethane, 1,1-	75-37-6							2.0E+05	2.0E+05
							V			1.4E+09	1.2E+05			Dihydrosafrole	94-58-6	7.4E+01		1.2E+02	4.5E+01				
						7.0E-01	P V		2.3E+03	1.4E+09	3.1E+03			Diisopropyl Ether	108-20-3							9.4E+03	9.4E+03
				8.0E-02	I		V		5.3E+02	1.4E+09	3.8E+04			Diisopropyl Methylphosphonate	1445-75-6					9.3E+04			9.3E+04
				2.0E-02	I					1.4E+09			0.1	Dimethipin	55290-64-7					2.3E+04		5.5E+04	1.6E+04
				2.0E-04	I					1.4E+09			0.1	Dimethoate	60-51-5					2.3E+02	5.5E+02		1.6E+02
1.6E+00	P									1.4E+09			0.1	Dimethoxybenzidine, 3,3'-	119-90-4	2.0E+00	4.8E+00		1.4E+00				
1.7E-03	P			6.0E-02	P					1.4E+09			0.1	Dimethyl methylphosphonate	756-79-6	1.9E+03	4.5E+03		1.4E+03	7.0E+04	1.7E+05		4.9E+04
4.6E+00	C	1.3E-03	C							1.4E+09			0.1	Dimethylamino azobenzene [p-]	60-11-7	7.1E-01	1.7E+00	1.3E+04	5.0E-01				
5.8E-01	H									1.4E+09			0.1	Dimethylaniline HCl, 2,4-	21436-96-4	5.6E+00	1.3E+01		4.0E+00				
2.0E-01	P			2.0E-03	X					1.4E+09			0.1	Dimethylaniline, 2,4-	95-68-1	1.6E+01	3.9E+01		1.1E+01	2.3E+03	5.5E+03		1.6E+03
				2.0E-03	I		V		8.3E+02	1.4E+09	3.1E+04			Dimethylaniline, N,N-	121-69-7					2.3E+03			2.3E+03
1.1E+01	P									1.4E+09			0.1	Dimethylbenzidine, 3,3'-	119-93-7	3.0E-01	7.0E-01		2.1E-01				
				1.0E-01	P	3.0E-02	I V		1.1E+05	1.4E+09	1.3E+05			Dimethylformamide	68-12-2					1.2E+05		1.7E+04	1.5E+04
				1.0E-04	X	2.0E-06	X V		1.7E+05	1.4E+09	2.8E+04			Dimethylhydrazine, 1,1-	57-14-7					1.2E+02		2.4E-01	2.4E-01
5.5E+02	C	1.6E-01	C				V		1.9E+05	1.4E+09	1.7E+05			Dimethylhydrazine, 1,2-	540-73-8	5.9E-03		1.3E-02	4.1E-03				
				2.0E-02	I					1.4E+09			0.1	Dimethylphenol, 2,4-	105-67-9					2.3E+04	5.5E+04		1.6E+04
				6.0E-04	I					1.4E+09			0.1	Dimethylphenol, 2,6-	576-26-1					7.0E+02	1.7E+03		4.9E+02
4.5E-02	C	1.3E-05	C				V		4.7E+02	1.4E+09	5.5E+03			Dimethylphenol, 3,4-	95-65-8	7.3E+01	5.2E+00	4.8E+00		1.2E+03	2.8E+03		8.2E+02
				8.0E-05	X					1.4E+09			0.1	Dimethylvinylchloride	513-37-1					9.3E+01	2.2E+02		6.6E+01
				2.0E-03	I					1.4E+09			0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.3E+03	5.5E+03		1.6E+03
				1.0E-04	P					1.4E+09			0.1	Dinitrobenzene, 1,2-	528-29-0					1.2E+02	2.8E+02		8.2E+01
				1.0E-04	I					1.4E+09			0.1	Dinitrobenzene, 1,3-	99-05-0					1.2E+02	2.8E+02		8.2E+01
				1.0E-04	P					1.4E+09			0.1	Dinitrobenzene, 1,4-	100-25-4					1.2E+02	2.8E+02		8.2E+01
6.8E-01	I			2.0E-03	I					1.4E+09			0.1	Dinitrophenol, 2,4-	51-28-5					2.3E+03	5.5E+03		1.6E+03
										1.4E+09			0.1	Dinitrotoluene Mixture, 2,4,2,6-	NA	4.8E+00	1.1E+01		3.4E+00				
3.1E-01	C	8.9E-05	C	2.0E-03	I					1.4E+09			0.109	Dinitrotoluene, 2,4-	121-14-2	1.1E+01	2.4E+01	1.9E+05	7.4E+00	2.3E+03	5.4E+03		1.6E+03
1.5E+00	P			3.0E-04	X					1.4E+09			0.099	Dinitrotoluene, 2,6-	606-20-2	2.2E+00	5.2E+00		1.5E+00	3.5E+02	8.4E+02		2.5E+02
				2.0E-03	S					1.4E+09			0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.3E+03	9.2E+04		2.3E+03
4.5E-01	X			2.0E-03	S					1.4E+09			0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0	7.3E+00	1.7E+01		5.1E+00	2.3E+03	6.1E+04		2.3E+03
				9.0E-04	X					1.4E+09			0.1	Dinitrotoluene, Technical grade	25321-14-6					1.1E+03	2.5E+03		7.4E+02
				1.0E-03	I					1.4E+09			0.1	Dinoseb	88-85-7					1.2E+03	2.8E+03		8.2E+02
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I V		1.2E+05	1.4E+09	4.0E+04			Dioxane, 1,4-	123-91-1	3.3E+01	9.7E+01	2.4E+01		3.5E+04		5.2E+03	4.5E+03
6.2E+03	I	1.3E+00	I							1.4E+09			0.03	Dioxins	NA	5.3E-04	4.2E-03	1.3E+01	4.7E-04				
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C V			1.4E+09	2.0E+06		0.03	-TCDD, 2,3,7,8-	1746-01-6	2.5E-05	2.0E-04	6.3E-04	2.2E-05	8.2E-04	6.4E-03	3.4E-01	7.2E-04
				3.0E-02	I					1.4E+09			0.1	Diphenamid	957-51-7					3.5E+04	8.3E+04		2.5E+04
				8.0E-04	X					1.4E+09			0.1	Diphenyl Sulfone	127-63-9					9.3E+02	2.2E+03		6.6E+02
8.0E-01	I	2.2E-04	I	2.5E-02	I					1.4E+09			0.1	Diphenylamine	122-39-4	4.1E+00	9.7E+00	7.6E+04	2.9E+00	2.9E+04	6.9E+04		2.1E+04
				2.2E-03	I					1.4E+09			0.1	Diphenylhydrazine, 1,2-	122-66-7					2.6E+03	6.1E+03		1.8E+03
										1.4E+09			0.1	Diquat	85-00-7								
7.1E+00	C	1.4E-01	C							1.4E+09			0.1	Direct Black 38	1937-37-7	4.6E-01	1.1E+00	1.2E+02	3.2E-01				

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) ⁻¹	K _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	K _e (mg/kg-day)	RfD _a (mg/kg-day)	K _e (mg/m ³)	RfC _a (mg/m ³)	K _e (mg/m ³)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /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)	
				1.0E-05	I	3.0E-01	P	V	1.1E+03	1.4E+09	5.8E+03	1	0.1	Ethyl Methacrylate	97-63-2					1.2E+01	2.8E+01		7.6E+03	7.6E+03
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	4.8E+02	1.4E+09	5.7E+03	1	0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5									8.2E+00
				7.0E-02	P				1.4E+09			1		Ethylbenzene	100-41-4	3.0E+02		2.8E+01	2.5E+01		1.2E+05	1.9E+05	2.5E+04	2.0E+04
				9.0E-02	P			V	1.9E+05	1.4E+09	1.8E+05	1		Ethylene Cyanohydrin	109-78-4						8.2E+04			5.7E+04
												1	0.1	Ethylene Diamine	107-15-3						1.1E+05			1.1E+05
				2.0E+00	I	4.0E-01	C		1.4E+09			1	0.1	Ethylene Glycol	107-21-1						2.3E+06	5.5E+06	2.4E+09	1.6E+06
3.1E-01	C	8.8E-05	C	1.0E-01	I	1.6E+00	I		1.4E+09			1	0.1	Ethylene Glycol Monobutyl Ether	111-76-2	1.1E+01		8.5E-01	7.9E-01		1.2E+05	2.8E+05	9.5E+09	8.2E+04
4.5E-02	C	1.3E-05	C			3.0E-02	C	V	1.2E+05	1.4E+09	6.1E+03	1		Ethylene Oxide	75-21-8							8.0E+02		8.0E+02
6.5E+01	C	1.9E-02	C						1.4E+09			1	0.1	Ethylene Thiourea	96-45-7	7.3E-01	1.7E+02	1.3E+06	5.1E+01	9.3E+01	2.2E+02			6.6E+01
				3.0E+00	I			V	1.5E+05	1.4E+09	2.4E+04	1	0.1	Ethylensimine	151-56-4	5.0E-02		1.5E-02	1.2E-02					
									1.4E+09			1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0						3.5E+06	8.3E+06		2.5E+06
				2.5E-04	I				1.4E+09			1	0.1	Fenamiphos	22224-92-6						2.9E+02	6.9E+02		2.1E+02
				2.5E-02	I				1.4E+09			1	0.1	Fenpropathrin	39515-41-8						2.9E+04	6.9E+04		2.1E+04
				2.5E-02	I				1.4E+09			1	0.1	Fenvalerate	51630-58-1						2.9E+04	6.9E+04		2.1E+04
				1.3E-02	I				1.4E+09			1	0.1	Fluometuron	2164-17-2						1.5E+04	3.6E+04		1.1E+04
				4.0E-02	C	1.3E-02	C		1.4E+09			1		Fluoride	16984-48-8						4.7E+04		7.7E+07	4.7E+04
				6.0E-02	I	1.3E-02	C		1.4E+09			1		Fluorine (Soluble Fluoride)	7782-41-4						7.0E+04			7.0E+04
				8.0E-02	I				1.4E+09			1	0.1	Fluridone	59756-60-4						9.3E+04	2.2E+05		6.6E+04
				2.0E-02	I				1.4E+09			1	0.1	Flurprimidol	56425-91-3						2.3E+04	5.5E+04		1.6E+04
				7.0E-04	I				1.4E+09			1	0.1	Flusilazole	85509-19-9						8.2E+02	1.9E+03		5.7E+02
				6.0E-02	I				1.4E+09			1	0.1	Flutolanil	66332-96-5						7.0E+04	1.7E+05		4.9E+04
				1.0E-02	I				1.4E+09			1	0.1	Fluvalinate	69409-94-5						1.2E+04	2.8E+04		8.2E+03
3.5E-03	I			1.0E-01	I				1.4E+09			1	0.1	Folpet	133-07-3	9.3E+02	2.2E+03		6.6E+02		1.2E+05	2.8E+05		8.2E+04
1.9E-01	I								1.4E+09			1	0.1	Fomesafen	72178-02-0	1.7E+01	4.1E+01		1.2E+01					
		1.3E-05	I	2.0E-01	I	9.8E-03	A	V	4.2E+04	1.4E+09	7.8E+04	1	0.1	Fenofos	944-22-9						2.3E+03	5.5E+03		1.6E+03
				9.0E-01	P	3.0E-04	X	V	1.1E+05	1.4E+09	9.3E+04	1		Formaldehyde	50-00-0			7.3E+01	7.3E+01		2.3E+05		3.3E+03	3.3E+03
				3.0E+00	I				1.4E+09			1	0.1	Formic Acid	64-18-6						1.1E+06	1.2E+02		1.2E+02
									1.4E+09			1	0.1	Fosetyl-AL	39148-24-8						3.5E+06	8.3E+06		2.5E+06
				1.0E-03	X			V	1.4E+09	1.6E+05	1	0.03		-Dibenzofuran	132-64-9						1.2E+03	9.2E+03		1.0E+03
				1.0E-03	I			V	6.2E+03	1.4E+09	2.6E+03	1	0.03	-Furan	110-00-9						1.2E+03	9.2E+03		1.0E+03
				9.0E-01	I	2.0E+00	I	V	1.7E+05	1.4E+09	1.2E+04	1	0.03	-Tetrahydrofuran	109-99-9						1.1E+06	8.3E+06	1.0E+05	9.4E+04
3.8E+00	H			3.0E-03	I	5.0E-02	H	V	1.0E+04	1.4E+09	4.9E+04	1	0.1	Furazolidone	67-45-8	8.6E-01	2.0E+00		6.0E-01					
1.5E+00	C	4.3E-04	C						1.4E+09			1		Furfural	98-01-1						3.5E+03		1.1E+04	2.6E+03
3.0E-02	I	8.6E-06	C						1.4E+09			1	0.1	Furium	531-82-8	2.2E+00	5.2E+00	3.9E+04	1.5E+00					
				4.0E-04	I				1.4E+09			1	0.1	Furmecycloz	60508-05-0	1.1E+02	2.6E+02	1.9E+06	7.7E+01		4.7E+02	1.1E+03		3.3E+02
						8.0E-05	C		1.4E+09			1	0.1	Glufoisinate, Ammonium	77182-82-2								4.8E+05	4.8E+05
									1.4E+09			1	0.1	Glutaraldehyde	111-30-8									
				4.0E-04	I	1.0E-03	H	V	1.1E+05	1.4E+09	8.4E+04	1		Glycidyl	765-34-4						4.7E+02		3.7E+02	2.1E+02
				1.0E-01	I				1.4E+09			1	0.1	Glyphosate	1071-83-6						1.2E+05	2.8E+05		8.2E+04
				1.0E-02	X			V	1.4E+09	1.5E+05		1		Guanidine	113-00-8						1.2E+04			1.2E+04
				2.0E-02	P				1.4E+09			1	0.1	Guanidine Chloride	50-01-1						2.3E+04	5.5E+04		1.6E+04
4.5E+00	I	1.3E-03	I	5.0E-05	I			V	1.4E+09	4.8E+05		1	0.1	Haloxypop, Methyl	69806-40-2						5.8E+01	1.4E+02		4.1E+01
9.1E+00	I	2.6E-03	I	1.3E-05	I			V	1.4E+09	8.4E+05		1		Heptachlor	76-44-8	7.3E-01		4.5E+00	6.3E-01		5.8E+02			5.8E+02
				2.0E-03	I			V	1.4E+09	3.8E+05		1		Heptachlor Epoxide	1024-57-3	3.6E-01		4.0E+00	3.3E-01		1.5E+01			1.5E+01
				2.0E-04	I			V	1.4E+09			1	0.1	Hexabromobenzene	87-82-1						2.3E+03			2.3E+03
1.6E+00	I	4.6E-04	I	8.0E-04	I			V	1.4E+09	6.8E+04		1		Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2						2.3E+02	5.5E+02		1.6E+02
7.8E-02	I	2.2E-05	I	1.0E-03	P			V	1.4E+09	1.1E+04		1		Hexachlorobenzene	118-74-1	2.0E+00	1.8E+00		9.6E-01		9.3E+02			9.3E+02
6.3E+00	I	1.8E-03	I	8.0E-03	A			V	1.4E+09			1	0.1	Hexachlorobutadiene	87-68-3	4.2E+01		6.0E+00	5.3E+00		1.2E+03			1.2E+03
									1.4E+09			1		Hexachlorocyclohexane, Alpha-	319-84-6	5.2E+01	1.2E+00	9.3E+03	3.6E-01		9.3E+03	2.2E+04		6.6E+03
				1.8E+00	I	5.3E-04	I		1.4E+09			1	0.1	Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	4.3E+00	3.1E+04	1.3E+00		3.5E+02	2.1E+03		3.0E+02
1.1E+00	C	3.1E-04	C	3.0E-04	I				1.4E+09			1	0.04	Hexachlorocyclohexane, Gamma- (Lindane)	58-99-9	3.0E+00	1.8E+01	5.4E+04	2.5E+00					
1.8E+00	I	5.1E-04	I						1.4E+09			1	0.1	Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	4.3E+00	3.3E+04	1.3E+00					
				6.0E-03	I	2.0E-04	I	V	1.6E+01	1.4E+09	8.5E+03	1		Hexachlorocyclopentadiene	77-47-4						7.0E+03		7.5E+00	7.5E+00
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V	1.4E+09	8.0E+03		1		Hexachloroethane	67-72-1	8.2E+01		8.9E+00	8.0E+00		8.2E+02		1.1E+03	4.6E+02
				3.0E-04	I				1.4E+09			1	0.1	Hexachlorophene	70-30-4						3.5E+02	8.3E+02		2.5E+02
1.1E-01	I			3.0E-03	I				1.4E+09			1	0.015	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	3.0E+01	4.7E+02		2.8E+01		3.5E+03	5.5E+04		3.3E+03
				4.0E-04	P				1.4E+09			1	0.1	Hexamethylene Diisocyanate, 1,6-Hexamethylphosphoramide	822-06-0								1.3E+01	1.3E+01
						1.0E-05	I	V	3.4E+03	1.4E+09	3.0E+05	1			680-31-9						4.7E+02	1.1E+03		3.3E+02
						7.0E-01	I	V	1.4E+02	1.4E+09	8.3E+02	1		Hexane, N-	110-54-3									

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1	
SFO (mg/kg-day) ⁻¹	K _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	K _e (mg/kg-day) ⁻¹	RfD _o (mg/kg-day)	K _e (mg/m ³) ⁻¹	RfC _o (mg/m ³)	K _e (mg/m ³) ⁻¹	V o l u t e r i e n t i									

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	K _e (y)	IUR (ug/m ³) ⁻¹	K _e (y)	RfD _a (mg/kg-day)	RfC _a (mg/m ³)	K _e (y)	o	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /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)	
				2.5E-02	I				1.4E+09		1	0.1	0.1	Metribuzin	21087-64-9					2.9E+04	6.9E+04		2.1E+04	
				2.5E-01	I				1.4E+09		1	0.1	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			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		1	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		1	0.1	Monomethylaniline	100-61-8					2.3E+03	5.5E+03		1.6E+03	
				2.5E-02	I					1.4E+09		1	0.1	Myclobutanil	88671-89-0					2.9E+04	6.9E+04		2.1E+04	
				3.0E-04	X					1.4E+09		1	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	1.0E-01	I					1.4E+09		1	0.1	Naphthylamine, 2-	91-59-8	1.8E+00	4.3E+00		1.3E+00	1.2E+05	2.8E+05		8.2E+04	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			1.4E+09		1	0.1	Napropamide	15299-99-7					1.3E+04	3.0E+04		8.1E+03	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1.4E+09		1	0.1	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			1.4E+09		1	0.1	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		1.4E+09		1	0.1	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			1.4E+09		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			1.4E+09		0.04		Nickel Oxide	1313-99-1			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	1.2E+04	
		2.4E-04	I	1.1E-02	C	1.4E-05	C			1.4E+09		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			1.4E+09		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 Suboxide	12035-72-2	1.9E+00		3.5E+04	1.9E+00	1.3E+04	8.3E+04		1.1E+04	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			1.4E+09		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	
				1.0E-02	X	5.0E-05	X			1.4E+09		1	0.1	Nitrite	14797-65-0					1.2E+04	2.8E+04		8.0E+03	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.4E+09		1	0.1	Nitroaniline, 2-	88-74-4								1.2E+05	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V	3.1E+03	1.4E+09	7.3E+04	1		Nitroaniline, 4-	100-01-6	1.6E+02	3.9E+02		1.1E+02	4.7E+03	1.1E+04	3.6E+07	3.3E+03	
				3.0E-03	P					1.4E+09		1	0.1	Nitrobenzene	98-95-3			2.2E+01	2.2E+01	2.3E+03		2.9E+03	1.3E+03	
										1.4E+09		1	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		1	0.1	Nitrofurantoin	67-20-9	2.5E+00	5.9E+00	4.5E+04	1.8E+00	8.2E+04	1.9E+05		5.7E+04	
1.7E-02	P			1.0E-04	P					1.4E+09		1	0.1	Nitrofurazone	59-87-0	1.9E+02	4.5E+02		1.4E+02	1.2E+02	2.8E+02		8.2E+01	
				1.0E-01	I					1.4E+09		1	0.1	Nitroglycerin	55-63-0					1.2E+05	2.8E+05		8.2E+04	
		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		3.7E+02	
		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+03	
								M		1.4E+09		1	0.1	Nitropropane, 2-	79-46-9			2.4E+01	2.4E+01				3.7E+02	
2.7E+01	C	7.7E-03	C					M		1.4E+09		1	0.1	Nitroso-N-ethylurea, N-	759-73-9	1.2E-01	2.9E-01	2.2E+03	8.5E-02				1.2E+03	
1.2E+02	C	3.4E-02	C					M		1.4E+09		1	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+03	
7.0E+00	I	2.0E-03	C							1.4E+09		1	0.1	Nitroso-di-N-propylamine, N-	621-64-7	4.7E-01	1.1E+00	8.3E+03	3.3E-01				5.7E+00	
2.8E+00	I	8.0E-04	C							1.4E+09		1	0.1	Nitrosodiethanolamine, N-	1116-54-7	1.2E+00	2.8E+00	2.1E+04	8.2E-01				5.7E+00	
1.5E+02	I	4.3E-02	I					M		1.4E+09		1	0.1	Nitrosodiethylamine, N-	55-18-5	2.2E-02	5.2E-02	3.9E+02	1.5E-02				5.7E+00	
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		Nitrosodimethylamine, N-	62-75-9	6.4E-02	7.2E-02	3.4E-02				5.7E+00	
4.9E-03	I	2.6E-06	C							1.4E+09		1	0.1	Nitrosodiphenylamine, N-	86-30-6	6.7E+02	1.6E+03	6.4E+06	4.7E+02	9.3E+00	1.4E+01		5.7E+00	
2.2E+01	I	6.3E-03	C					V	1.1E+05	1.4E+09	1.2E+05	1		Nitrosomethylethylamine, N-	10595-95-6	1.5E-01	2.4E-01	9.1E-02				5.7E+00		
6.7E+00	C	1.9E-03	C							1.4E+09		1	0.1	Nitrosomorpholine [N-]	69-89-2	4.9E-01	1.2E+00	8.8E+03	3.4E-01				5.7E+00	
9.4E+00	C	2.7E-03	C							1.4E+09		1	0.1	Nitrosopiperidine [N-]	100-75-4	3.5E-01	8.2E-01	6.2E+03	2.4E-01				5.7E+00	
2.1E+00	I	6.1E-04	I							1.4E+09		1	0.1	Nitrosopyrrolidine, N-	930-55-2	1.6E+00	3.7E+00	2.7E+04	1.1E+00				5.7E+00	
2.2E-01	P			1.0E-04	X					1.4E+09		1	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		1	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		1	0.1	Norflurazon	27314-13-2					4.7E+04	1.1E+05		3.3E+04	
				3.0E-03	I					1.4E+09		1	0.1	Octabromodiphenyl Ether										

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Toxicity and Chemical-specific Information													Contaminant											
SFO (mg/kg-day) ⁻¹	K _e (y)	IUR (ug/m ³) ⁻¹	K _e (y)	RfD _a (mg/kg-day)	RfC (mg/m ³)	K _e (y)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /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)		
				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					1.4E+09					Phenacetin	62-44-2	1.5E+03	3.5E+03	2.6E+07	1.0E+03						
				2.5E-01	I			1.4E+09				0.1	Phenmedipham	13684-63-4					2.9E+05	6.9E+05			2.1E+05	
				3.0E-01	I	2.0E-01	C	1.4E+09				0.1	Phenol	108-95-2					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						
								1.4E+09				0.1	Phenylenediamine, p-	106-50-3									1.6E+05	
1.9E-03	H							1.4E+09				0.1	Phenylphenol, 2-	90-43-7	1.7E+03	4.0E+03		1.2E+03						
				2.0E-04	H			1.4E+09				0.1	Phorate	298-02-2									2.3E+02	
						3.0E-04	I V	1.4E+09	9.8E+02				Phosgene	75-44-5								1.3E+00	1.6E+02	
				2.0E-02	I			1.4E+09				0.1	Phosmet	732-11-6									2.3E+04	
													Phosphates, Inorganic											
				4.9E+01	P			1.4E+09				1	-Aluminum metaphosphate	13776-88-0									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Ammonium polyphosphate	68333-79-9									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Calcium pyrophosphate	7790-76-3									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Diammonium phosphate	7783-28-0									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Dicalcium phosphate	7757-93-9									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Dimagnesium phosphate	7782-75-4									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Dipotassium phosphate	7758-11-4									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Disodium phosphate	7558-79-4									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Monoaluminum phosphate	13530-50-2									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Monoammonium phosphate	7722-76-1									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Monocalcium phosphate	7758-23-8									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Monomagnesium phosphate	7757-86-0									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Monopotassium phosphate	7778-77-0									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Monosodium phosphate	7558-80-7									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Polyphosphoric acid	8017-16-1									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Potassium triphosphosphate	13845-36-8									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium acid pyrophosphate	7758-16-9									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium aluminum phosphate (acidic)	7785-88-8									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium aluminum phosphate (anhydrous)	10279-59-1									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium aluminum phosphate (tetrahydrate)	10305-76-7									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium hexametaphosphate	10124-56-8									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium polyphosphate	68915-31-1									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium trimetaphosphate	7785-84-4									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Sodium triphosphosphate	7758-29-4									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Tetrapotassium phosphate	7320-34-5									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Tetrasodium pyrophosphate	7722-88-5									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Tricalcium phosphate	7758-87-4									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Trimagnesium phosphate	7757-87-1									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Tripotassium phosphate	7778-53-2									5.7E+07	
				4.9E+01	P			1.4E+09				1	-Trisodium phosphate	7601-54-9									5.7E+07	
				3.0E-04	I	3.0E-04	I V	1.4E+09					Phosphine	7803-51-2								1.8E+06	3.5E+02	
				4.9E+01	P	1.0E-02	I	1.4E+09					Phosphoric Acid	7664-38-2									5.7E+07	
				2.0E-05	I		V	1.4E+09	6.9E+03				Phosphorus, White	7723-14-0									2.3E+01	
													Phthalates											
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				-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																				

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Toxicity and Chemical-specific Information															Contaminant												
SFO (mg/kg-day) ⁻¹	K _e (y)	IUR (ug/m ³) ⁻¹	K _e (y)	RfD _a (mg/kg-day)	RfC _a (mg/m ³)	K _e (y)	RfD _a (mg/kg-day)	RfC _a (mg/m ³)	K _e (y)	muta- gen	C _{sat} (mg/kg)	PEF (m ² /kg)	VF (m ² /kg)	GIABS	ABS	Carcinogenic Target Risk (TR) = 1E-06 Noncancer Hazard Index (HI) = 1											
Analyte																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)				
CAS No.																											
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		
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		
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'- (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		
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'- (PCB 156)	38380-08-4	8.4E-01	1.4E+00	1.2E+01	5.0E-01	2.7E+01	4.6E+01	6.5E+03	1.7E+01		
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		
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		
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		
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		
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		
1.3E+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		
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		
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, 3,4,4',5'- (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		
												1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+06	3.6E+06		
																Polynuclear Aromatic Hydrocarbons (PAHs)											
																-Acenaphthene	83-32-9								4.5E+04		
																-Anthracene	120-12-7								2.3E+05		
7.3E-01	E	1.1E-04	C					V	M			1.4E+09	4.4E+06	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-04	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						
												1.4E+09	8.0E+04	1	0.13	-Chloronaphthalene, Beta-	91-58-7					9.3E+04	1.7E+05		6.0E+04		
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	-Dibenzo[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						
												1.4E+09		1	0.13	-Fluoranthene	206-44-0					4.7E+04	8.5E+04		3.0E+04		
												1.4E+09	2.8E+05	1	0.13	-Fluorene	86-73-7					4.7E+04	8.5E+04		3.0E+04		
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											1.4E+09	5.9E+04	1	0.13	-Methylnaphthalene, 1-	90-12-0	1.1E+02	2.0E+02		7.3E+01	8.2E+04	1.5E+05		5.3E+04		
												1.4E+09	5.8E+04	1	0.13	-Methylnaphthalene, 2-	91-57-6					4.7E+03	8.5E+03		3.0E+03		
												1.4E+09	4.6E+04	1	0.13	-Naphthalene	91-20-3					2.3E+04	4.2E+04		6.1E+02		
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	1.5E+05	1.8E+00				5.9E+02		
												1.4E+09	2.4E+06	1	0.13	-Pyrene	129-00-0					3.5E+04	6.4E+04		2.3E+04		
												1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3					2.3E+04	5.5E+04		1.6E+04		
1.5E-01	I											1.4E+09		1	0.1	Prochloraz	67747-09-5	2.2E+01	5.2E+01		1.5E+01	1.1E+04	2.5E+04		7.4E+03		
												1.4E+09	4.2E+05	1		Profluralin	26399-36-0					7.0E+03			7.0E+03		
												1.4E+09		1	0.1	Prometon	1610-18-0					1.8E+04	4.1E+04		1.2E+04		
												1.4E+09		1	0.1	Prometryn	7287-19-6					4.7E+03	1.1E+04		3.3E+03		
												1.4E+09		1	0.1	Propachlor	1918-16-7					1.5E+04	3.6E+04		1.1E+04		
												1.4E+09		1	0.1	Propanil	709-98-8					5.8E+03	1.4E+04		4.1E+03		
												1.4E+09		1	0.1	Propargite	2312-35-8					2.3E+04	5.5E+04		1.6E+04		
												1.1E+05	6.3E+04	1		Propargyl Alcohol	107-19-7					2.3E+03			2.3E+03		
												1.4E+09		1	0.1	Propazine	139-40-2					2.3E+04	5.5E+04		1.6E+04		
												1.4E+09		1	0.1	Propham	122-42-9					2.3E+04	5.5E+04		1.6E+04		
												1.4E															

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) ⁻¹	K _e (y)	IUR (ug/m ³) ⁻¹	K _e (y)	RfD _a (mg/kg-day)	RfC _a (mg/m ³)	K _e (y)	RfD _i (mg/kg-day)	RfC _i (mg/m ³)	K _e (y)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /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)	
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 I	V V			4.0E+02 6.4E+02	1.4E+09 1.4E+09	3.0E+04 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	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V			2.2E+03	1.4E+09	7.2E+03	1		Trichloroethylene	79-01-6	5.7E+01		5.5E+00	5.0E+00	5.8E+02 3.5E+05 1.2E+05			1.9E+01 3.5E+05 8.2E+04	
4.6E-02	I	4.1E-06	I	5.0E-04 3.0E-01 1.0E-01	I I I	2.0E-03 I	V V V	M			6.9E+02 1.2E+03 1.4E+09	1.4E+09 1.4E+09 1.4E+09	2.2E+03 1.0E+03 1	1	0.1	Trichlorofluoromethane Trichlorophenol, 2,4,5-	75-69-4 95-95-4	7.1E+01		6.6E+00	6.0E+00	5.8E+02 3.5E+05 1.2E+05		2.8E+05	1.9E+01 3.5E+05 8.2E+04	
1.1E-02	I	3.1E-06	I	1.0E-03 1.0E-02 8.0E-03	P I I							1.4E+09 1.4E+09 1.4E+09		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	
3.0E+01	I			5.0E-03 4.0E-03 3.0E-03	I I X		V I V	M			1.3E+03 1.4E+03 3.1E+02	1.4E+09 1.4E+09 1.4E+09	1.5E+04 1.6E+04 2.3E+03	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
				2.0E-02 3.0E-03	I I							1.4E+09 1.4E+09		1	0.1	Tricresyl Phosphate (TCP) Triphenylamine	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	
				2.0E+00	P							1.4E+09		1	0.1	Triethylene Glycol	112-27-6					2.3E+06	5.5E+06		1.6E+06	
7.7E-03	I			7.5E-03	I					V		4.8E+03 1.4E+09	7.1E+02 5.1E+05	1		Trifluoroethane, 1,1,1-Trifluorin	420-46-2 1582-09-8	4.2E+02			4.2E+02	8.8E+03			6.2E+04 8.8E+03	
2.0E-02	P			1.0E-02	P							1.4E+09		1	0.1	Trimethyl Phosphate	512-56-1	1.6E+02	3.9E+02		1.1E+02	1.2E+04	2.8E+04		8.2E+03	
				5.0E-03 7.0E-03	P P		V V				2.9E+02 2.2E+02	1.4E+09 1.4E+09	9.4E+03 7.9E+03	1		Trimethylbenzene, 1,2,3-Trimethylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,3,5-Trinitrobenzene, 1,3,5-	526-73-8 95-63-6 108-67-8 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	
3.0E-02	I			5.0E-04 2.0E-02 2.0E-02	I P A							1.4E+09 1.4E+09 1.4E+09		1	0.032	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	
2.3E+00	C	6.6E-04	C	1.0E-02	X					V	4.7E+02	1.4E+09	9.0E+05	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		1.7E+01		1.3E+00 1.1E+02	1.2E+04 8.2E+03	2.8E+04 1.9E+04		8.2E+03
3.2E-03	P			1.0E-01 8.0E-04 3.0E-03	P P I							1.4E+09 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	C	8.3E-03	P					M		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	
				1.0E-03 2.5E-02 1.0E+00	I I H		V I I					1.4E+09 1.4E+09 1.4E+09	1.2E+05 1.4E+09 4.4E+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 3.8E+03	
7.2E-01	I	4.4E-06	I	3.0E-03 3.0E-04	I I	3.0E-03 I	I I	V M			2.5E+03 3.9E+03	1.4E+09 1.4E+09	1.4E+03 9.6E+02	1	0.1	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 2.5E+02
				2.0E-01 2.0E-01 2.0E-01	S S S	1.0E-01 1.0E-01 1.0E-01	S S S	V V V			3.9E+02 3.9E+02 4.3E+02	1.4E+09 1.4E+09 1.4E+09	5.6E+03 5.5E+03 6.5E+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	
				2.0E-01 3.0E-04 3.0E-01	I I I	1.0E-01 I	I I	V 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 3.5E+02 3.5E+05	
				5.0E-02 8.0E-05	I 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	