

Regional Screening Level (RSL) Industrial Soil Table April 2012

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information														Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v _o y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)			
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		1.4E+09			ALAR	1596-84-5	1.6E+02	2.4E+02	3.3E+06	9.6E+01	1.5E+05	2.3E+05		9.2E+04		
8.7E-03	I			4.0E-03	I					1	0.1		1.4E+09			Acephate	30560-19-1	3.3E+02	5.0E+02		2.0E+02	4.1E+03	6.2E+03		2.5E+03		
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	1.4E+09	9.4E+03	Acetaldehyde	75-07-0			5.2E+01	5.2E+01			3.7E+02	3.7E+02			
				2.0E-02	I					1	0.1		1.4E+09			Acetochlor	34256-82-1					2.0E+04	3.1E+04		1.2E+04		
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	1.4E+09	1.5E+04	Acetone	67-64-1					9.2E+05		2.0E+06	6.3E+05			
				3.0E-03	P	6.0E-02	P	V		1		1.1E+05	1.4E+09	2.6E+04	Acetone Cyanohydrin	75-86-5					3.1E+03		6.7E+03	2.1E+03			
						6.0E-02	I	V		1		1.3E+05	1.4E+09	1.4E+04	Acetonitrile	75-05-8							3.7E+03	3.7E+03			
				1.0E-01	I			V		1		2.5E+03	1.4E+09	6.4E+04	Acetophenone	98-86-2					1.0E+05			1.0E+05			
3.8E+00	C	1.3E-03	C							1	0.1		1.4E+09			Acetylaminofluorene, 2-	53-96-3	7.5E-01	1.1E+00	1.3E+04	4.5E-01						
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	1.4E+09	7.4E+03	Acrolein	107-02-8					5.1E+02		6.5E-01	6.5E-01			
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M	1	0.1		1.4E+09			Acrylamide	79-06-1	5.7E+00	8.7E+00	1.7E+05	3.4E+00	2.0E+03	3.1E+03	3.6E+07	1.2E+03		
				5.0E-01	I	1.0E-03	I			1	0.1		1.4E+09			Acrylic Acid	79-10-7					5.1E+05	7.7E+05	6.0E+06	2.9E+05		
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	1.4E+09	8.3E+03	Acrylonitrile	107-13-1	5.3E+00		1.5E+00	1.2E+00	4.1E+04		7.2E+01	7.2E+01			
						6.0E-03	P			1	0.1		1.4E+09			Adiponitrile	111-69-3					1.0E+03	1.5E+03		3.6E+07		
5.6E-02	C			1.0E-02	I					1	0.1		1.4E+09			Alachlor	15972-60-8	5.1E+01	7.7E+01		3.1E+01	1.0E+04	1.5E+04		6.2E+03		
				1.0E-03	I					1	0.1		1.4E+09			Aldicarb	116-06-3					1.0E+03	1.5E+03		6.2E+02		
				1.0E-03	I					1	0.1		1.4E+09			Aldicarb Sulfone	1646-88-4					1.0E+03	1.5E+03		6.2E+02		
1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1		1.4E+09			Aldrin	309-00-2	1.7E-01	2.6E-01	3.4E+03	1.0E-01	3.1E+01	4.6E+01		1.8E+01		
				2.5E-01	I					1	0.1		1.4E+09			Allyl	74223-64-6					2.6E+05	3.9E+05		1.5E+05		
				5.0E-03	I	1.0E-04	X			1	0.1		1.4E+09			Allyl Alcohol	107-18-6					5.1E+03	7.7E+03	6.0E+05	3.1E+03		
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	1.4E+09	1.7E+03	Allyl Chloride	107-05-1	1.4E+02		3.5E+00	3.4E+00			7.5E+00	7.5E+00			
				1.0E+00	P	5.0E-03	P			1			1.4E+09			Aluminum	7429-90-5					1.0E+06		3.0E+07	9.9E+05		
				4.0E-04	I					1			1.4E+09			Aluminum Phosphide	20859-73-8					4.1E+02			4.1E+02		
				3.0E-04	I					1	0.1		1.4E+09			Amdro	67485-29-4					3.1E+02	4.6E+02		1.8E+02		
				9.0E-03	I					1	0.1		1.4E+09			Ametryn	834-12-8					9.2E+03	1.4E+04		5.5E+03		
2.1E+01	C	6.0E-03	C							1	0.1		1.4E+09			Aminobiphenyl, 4-	92-67-1	1.4E-01	2.1E-01	2.8E+03	8.2E-02	8.2E+04	1.2E+05		4.9E+04		
				8.0E-02	P					1	0.1		1.4E+09			Aminophenol, m-	591-27-5					8.2E+04	1.2E+05				
				2.0E-02	P					1	0.1		1.4E+09			Aminophenol, p-	123-30-8					2.0E+04	3.1E+04		1.2E+04		
				2.5E-03	I					1	0.1		1.4E+09			Amitraz	33089-61-1					2.6E+03	3.9E+03		1.5E+03		
						1.0E-01	I			1					Ammonia	7664-41-7											
				2.0E-01	I					1			1.4E+09			Ammonium Sulfamate	7773-06-0					2.0E+05			2.0E+05		
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		1.4E+09			Aniline	62-53-3	5.0E+02	7.6E+02	1.0E+07	3.0E+02	7.2E+03	1.1E+04	6.0E+06	4.3E+03		
4.0E-02	P			2.0E-03	X					1	0.1		1.4E+09			Anthraquinone, 9,10-	84-65-1	7.2E+01	1.1E+02		4.3E+01	2.0E+03	3.1E+03		1.2E+03		
				4.0E-04	I					0.15			1.4E+09			Antimony (metallic)	7440-36-0					4.1E+02			4.1E+02		
				5.0E-04	H					0.15			1.4E+09			Antimony Pentoxide	1314-60-9					5.1E+02			5.1E+02		
				9.0E-04	H					0.15			1.4E+09			Antimony Potassium Tartrate	11071-15-1					9.2E+02			9.2E+02		
				4.0E-04	H					0.15			1.4E+09			Antimony Tetroxide	1332-81-6					4.1E+02			4.1E+02		
						2.0E-04	I			0.15			1.4E+09			Antimony Trioxide	1309-64-4							1.2E+06	1.2E+06		
				1.3E-02	I					1	0.1		1.4E+09			Apollo	74115-24-5					1.3E+04	2.0E+04		8.0E+03		
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		1.4E+09			Aramite	140-57-8	1.1E+02	1.7E+02	2.3E+06	6.9E+01	5.1E+04	7.7E+04		3.1E+04		
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		1.4E+09			Arsenic, Inorganic	7440-38-2	1.9E+00	9.6E+00	3.9E+03	1.6E+00	3.1E+02	1.5E+03	8.9E+04	2.6E+02		
				3.5E-06	C	5.0E-05	I			1			1.4E+09			Arsine	7784-42-1					3.6E+00		3.0E+05	3.6E+00		
				9.0E-03	I					1	0.1		1.4E+09			Assure	76578-14-8					9.2E+03	1.4E+04		5.5E+03		
				5.0E-02	I					1	0.1		1.4E+09			Asulam	3337-71-1					5.1E+04	7.7E+04		3.1E+04		
2.3E-01	C			3.5E-02	I					1	0.1		1.4E+09			Atrazine	1912-24-9	1.2E+01	1.9E+01		7.5E+00	3.6E+04	5.4E+04		2.2E+04		
8.8E-01	C	2.5E-04	C							1	0.1		1.4E+09			Auramine	492-80-8	3.3E+00	4.9E+00	6.7E+04	2.0E+00						
				4.0E-04	I					1	0.1		1.4E+09			Avermectin B1	65195-55-3					4.1E+02	6.2E+02		2.5E+02		
1.1E-01	I	3.1E-05	I					V		1			1.4E+09	5.6E+05	Azobenzene	103-33-3	2.6E+01		2.2E+02	2.3E+01							
				2.0E-01	I	5.0E-04	H			0.07			1.4E+09			Barium	7440-39-3					2.0E+05		3.0E+06	1.9E+05		
				4.0E-03	I					1	0.1		1.4E+09			Baygon	114-26-1					4.1E+03	6.2E+03		2.5E+03		
				3.0E-02	I					1	0.1		1.4E+09			Bayleton	43121-43-										

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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 y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
				1.0E-04	I				1	0.1		1.4E+09		Bidrin	141-66-2					1.0E+02	1.5E+02		6.2E+01	
				9.0E-03	P				1	0.1		1.4E+09		Bifenox	42576-02-3					9.2E+03	1.4E+04		5.5E+03	
				1.5E-02	I				1	0.1		1.4E+09		Biphenethrin	82657-04-3					1.5E+04	2.3E+04		9.2E+03	
8.0E-03	X			5.0E-02	I	4.0E-04	X	V	1		2.1E+02	1.4E+09	1.2E+05	Biphenyl, 1,1'-	92-52-4	3.6E+02			3.6E+02	5.1E+04		2.1E+02		
7.0E-02	H	1.0E-05	H	4.0E-02	I			V	1		1.0E+03	1.4E+09	3.8E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.1E+01		4.6E+01	2.2E+01	4.1E+04		4.1E+04		
				3.0E-03	P				1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					3.1E+03	4.6E+03		1.8E+03	
1.1E+00	I	3.3E-04	I					V	1		5.1E+03	1.4E+09	4.6E+04	Bis(2-chloroethyl)ether	111-44-4	2.6E+00		1.7E+00	1.0E+00					
1.4E-02	I	2.4E-06	C	2.0E-02	I				1	0.1		1.4E+09		Bis(2-ethylhexyl)phthalate	117-81-7	2.0E+02	3.1E+02	6.9E+06	1.2E+02	2.0E+04	3.1E+04		1.2E+04	
2.2E+02	I	6.2E-02	I					V	1		4.2E+03	1.4E+09	2.0E+03	Bis(chloromethyl)ether	542-88-1	1.3E-02		4.0E-04	3.9E-04					
				5.0E-02	I				1	0.1		1.4E+09		Bisphenol A	80-05-7					5.1E+04	7.7E+04		3.1E+04	
				2.0E-01	I	2.0E-02	H		1			1.4E+09		Boron And Borates Only	7440-42-8					2.0E+05		1.2E+08	2.0E+05	
7.0E-01	I			4.0E-02	C	1.3E-02	C		1			1.4E+09		Boron Trifluoride	7637-07-2					4.1E+04		7.7E+07	4.1E+04	
				4.0E-03	I				1			1.4E+09		Bromate	15541-45-4	4.1E+00			4.1E+00	4.1E+03			4.1E+03	
2.0E+00	X	6.0E-04	X					V	1		2.4E+03	1.4E+09	6.4E+03	Bromo-2-chloroethane, 1-	107-04-0	1.4E+00		1.3E-01	1.2E-01					
				8.0E-03	I	6.0E-02	I	V	1		6.8E+02	1.4E+09	9.0E+03	Bromobenzene	108-86-1					8.2E+03		2.4E+03	1.8E+03	
				4.0E-02	X	V			1		4.0E+03	1.4E+09	3.9E+03	Bromochloromethane	74-97-5						6.8E+02		6.8E+02	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V	1		9.3E+02	1.4E+09	4.3E+03	Bromodichloromethane	75-27-4	4.6E+01		1.4E+00	1.4E+00	2.0E+04			2.0E+04	
7.9E-03	I	1.1E-06	I	2.0E-02	I				1	0.1		1.4E+09		Bromofom	75-25-2	3.6E+02	5.5E+02	1.5E+07	2.2E+02	2.0E+04	3.1E+04		1.2E+04	
				1.4E-03	I	5.0E-03	I	V	1		3.6E+03	1.4E+09	1.5E+03	Bromomethane	74-83-9					1.4E+03		3.3E+01	3.2E+01	
				5.0E-03	H				1	0.1		1.4E+09		Bromophos	2104-96-3					5.1E+03	7.7E+03		3.1E+03	
				2.0E-02	I				1	0.1		1.4E+09		Bromoxynil	1689-84-5					2.0E+04	3.1E+04		1.2E+04	
				2.0E-02	I				1	0.1		1.4E+09		Bromoxynil Octanoate	1689-99-2					2.0E+04	3.1E+04		1.2E+04	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1		6.7E+02	1.4E+09	9.3E+02	Butadiene, 1,3-	106-99-0	8.4E-01		3.8E-01	2.6E-01			8.2E+00	8.2E+00	
				1.0E-01	I				1	0.1		1.4E+09		Butanol, N-	71-36-3					1.0E+05	1.5E+05		6.2E+04	
1.9E-03	P			2.0E-01	I				1	0.1		1.4E+09		Butyl Benzyl Phthlate	85-68-7	1.5E+03	2.3E+03		9.1E+02	2.0E+05	3.1E+05		1.2E+05	
				2.0E+00	P	3.0E+01	P		1	0.1		1.4E+09		Butyl alcohol, sec-	78-92-2					2.0E+06	3.1E+06	1.8E+11	1.2E+06	
				5.0E-02	I				1	0.1		1.4E+09		Butylate	2008-41-5					5.1E+04	7.7E+04		3.1E+04	
2.0E-04	C	5.7E-08	C						1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	1.4E+04	2.2E+04	2.9E+08	8.6E+03					
				5.0E-02	P			V	1		1.1E+02	1.4E+09	8.8E+03	Butylbenzene, n-	104-51-8					5.1E+04			5.1E+04	
				1.0E+00	I				1	0.1		1.4E+09		Butylphthalyl Butylglycolate	85-70-1					1.0E+06	1.5E+06		6.2E+05	
				2.0E-02	A				1	0.1		1.4E+09		Cacodylic Acid	75-60-5					2.0E+04	3.1E+04		1.2E+04	
		1.8E-03	I	1.0E-03	I	2.0E-05	C		0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			9.3E+03	9.3E+03	1.0E+03	3.9E+03	1.2E+05	8.0E+02	
		1.8E-03	I	5.0E-04	I	2.0E-05	C		0.05	0.001		1.4E+09		Cadmium (Water)	7440-43-9									
				5.0E-01	I				1	0.1		1.4E+09		Caprolactam	105-60-2					5.1E+05	7.7E+05		3.1E+05	
1.5E-01	C	4.3E-05	C	2.0E-03	I				1	0.1		1.4E+09		Captafol	2425-06-1	1.9E+01	2.9E+01	3.9E+05	1.1E+01	2.0E+03	3.1E+03		1.2E+03	
2.3E-03	C	6.6E-07	C	1.3E-01	I				1	0.1		1.4E+09		Captan	133-06-2	1.2E+03	1.9E+03	2.5E+07	7.5E+02	1.3E+05	2.0E+05		8.0E+04	
				1.0E-01	I				1	0.1		1.4E+09		Carbaryl	63-25-2					1.0E+05	1.5E+05		6.2E+04	
				5.0E-03	I				1	0.1		1.4E+09		Carbofuran	1563-66-2					5.1E+03	7.7E+03		3.1E+03	
				1.0E-01	I	7.0E-01	I	V	1		7.4E+02	1.4E+09	1.3E+03	Carbon Disulfide	75-15-0					1.0E+05		3.9E+03	3.7E+03	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	1		4.6E+02	1.4E+09	1.6E+03	Carbon Tetrachloride	56-23-5	4.1E+01		3.3E+00	3.0E+00	4.1E+03		7.0E+02	6.0E+02	
				1.0E-02	I				1	0.1		1.4E+09		Carbosulfan	55285-14-8					1.0E+04	1.5E+04		6.2E+03	
				1.0E-01	I				1	0.1		1.4E+09		Carboxin	5234-68-4					1.0E+05	1.5E+05		6.2E+04	
						9.0E-04	I		1			1.4E+09		Ceric oxide	1306-38-3							5.4E+06	5.4E+06	
				1.0E-01	I				1	0.1		1.4E+09		Chloral Hydrate	302-17-0					1.0E+05	1.5E+05		6.2E+04	
4.0E-01	H			1.5E-02	I				1	0.1		1.4E+09		Chloramben	133-90-4					1.5E+04	2.3E+04		9.2E+03	
									1	0.1		1.4E+09		Chloranil	118-75-2	7.1E+00	1.1E+01		4.3E+00					
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I		1	0.04		1.4E+09		Chlordane	12789-03-6	8.2E+00	3.1E+01	1.7E+05	6.5E+00	5.1E+02	1.9E+03	4.2E+06	4.0E+02	
1.0E+01	I	4.6E-03	C	3.0E-04	I				1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	2.9E-01	4.3E-01	3.6E+03	1.7E-01	3.1E+02	4.6E+02		1.8E+02	
				7.0E-04	A				1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					7.2E+02	1.1E+03		4.3E+02	
				2.0E-02	I				1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					2.0E+04	3.1E+04		1.2E+04	
				1.0E-01	I	1.5E-04	A		1			1.4E+09		Chlorine	7782-50-5					1.0E+05		8.6E+05	9.1E+04	
				3.0E-02	I	2.0E-04	I		1			1.4E+09		Chlorine Dioxide	10049-04-4					3.1E+04		1.2E+06	3.0E+04	
				3.0E-02	I				1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					3.1E+04			3.1E+04	
						5.0E+01	I	V	1		1.2E+03	1.4E+09	1.1E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							2.4E+05	2.4E+05	
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V	1	7.5E+02	1.4E+09	1.2E+03	Chloro-1,3-butadiene, 2-	126-99-8			4.7E-02	4.7E-02	2.0E+04	1.0E+02		1.0E+02
4.6E-01	H								1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	6.2E+00	9.4E+00		3.7E+00					
1.0E-01	P	7.7E-05	C	3.0E-03	X				1	0.1		1.4E+09		Chloro-2-methylaniline, 4-	95-69-2	2.9E+01	4.3E+01	2.2E+05	1.7E+01	3.1E+03	4.6E+03		1.8E+03	
2.7E-01	X							V	1	0.1	2.8E+04	1.4E+09	2.0E+04	Chloroacetaldehyde, 2-	107-20-0	1.1E+01	1.6E+01		6.4E+00					
				2.0E-03	H				1	0.1		1.4E+09		Chloroacetic Acid	79-11-8					2.0E+03	3.1E+03		1.2E+03	
						3.0E-05	I		1	0.1		1.4E+09		Chloroacetophenone, 2-	532-27-4							1.8E+05	1.8E+05	
2.0E-01	P			4.0E-03	I				1	0.1		1.4E+09		Chloroaniline, p-	106-47-8	1.4E+01	2.2E+01		8.6E+00	4.1E+03	6.2E+03		2.5E+03	
				2.0E-02	I	5.0E-02	P	V	1		7.6E+02	1.4E+09	6.9E+03	Chlorobenzene	108-90-7					2.0E+04		1.5E+03	1.4E+03	
1.1E-01	C	3.1E-05	C	2.0E-02	I				1	0.1		1.4E+09		Chlorobenzilate	510-15-6	2.6E+01	3.9E+01	5.4E+05	1.6E+01	2.0E+04	3.1E+04		1.2E+04	
				3.0E-02	X				1	0.1		1.4E+09		Chlorobenzoic Acid, p-	74-11-3					3.1E+04	4.6E+04		1.8E+04	

Regional Screening Level (RSL) Industrial Soil Table April 2012

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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 y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
				4.0E-02	P	5.0E+01	I	V	1		7.3E+02	1.4E+09	1.9E+03	Chlorobutane, 1- Chlorodifluoromethane	109-69-3 75-45-6					4.1E+04			4.1E+04 2.2E+05	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1		2.5E+03	1.4E+09	2.8E+03	Chloroform	67-66-3	9.2E+01		1.5E+00	1.5E+00	1.0E+04		1.2E+03	1.1E+03	
						9.0E-02	I	V	1		1.3E+03	1.4E+09	1.3E+03	Chloromethane	74-87-3						5.0E+02	5.0E+02		
2.4E+00	C	6.9E-04	C					V	1		2.6E+04	1.4E+09	5.7E+03	Chloromethyl Methyl Ether	107-30-2	1.2E+00		1.0E-01	9.4E-02					
3.0E-01	P			8.0E-02	I			V	1		1.8E+02	1.4E+09	8.6E+04	Chloronaphthalene, Beta- Chloronitrobenzene, o- Chloronitrobenzene, p-	91-58-7 88-73-3 100-00-5	9.5E+00	1.4E+01		5.7E+00	8.2E+04	4.6E+03	6.0E+04	8.2E+04 1.8E+03 6.2E+02	
6.3E-03	P			1.0E-03	P	6.0E-04	P		1	0.1		1.4E+09				4.5E+02	6.9E+02		2.7E+02	1.0E+03	1.5E+03	3.6E+06		
				5.0E-03	I			V	1		2.2E+04	1.4E+09	1.3E+05	Chlorophenol, 2- Chloropicrin Chlorothalonil	95-57-8 76-06-2 1897-45-6					5.1E+03			5.1E+03 8.8E+00 9.2E+03	
3.1E-03	C	8.9E-07	C	1.5E-02	I	4.0E-04	C	V	1	0.1	6.2E+02	1.4E+09	5.0E+03			9.2E+02	1.4E+03	1.9E+07	5.6E+02	1.5E+04	2.3E+04	8.8E+00		
				2.0E-02	I			V	1		9.1E+02	1.4E+09	8.7E+03	Chlorotoluene, o- Chlorotoluene, p- Chlorozotocin	95-49-8 106-43-4 54749-90-5					2.0E+04			2.0E+04 2.0E+04	
2.4E+02	C	6.9E-02	C					V	1	0.1	2.5E+02	1.4E+09	7.9E+03			1.2E-02	1.8E-02	2.4E+02	7.2E-03					
				2.0E-01	I				1	0.1		1.4E+09		Chlorpropham Chlorpyrifos Chlorpyrifos Methyl	101-21-3 2921-88-2 5598-13-0					2.0E+05	3.1E+05		1.2E+05 6.2E+02 6.2E+03	
				1.0E-03	A				1	0.1		1.4E+09								1.0E+03	1.5E+03			
				1.0E-02	H				1	0.1		1.4E+09								1.0E+04	1.5E+04			
				5.0E-02	I				1	0.1		1.4E+09		Chlorsulfuron Chlorthiophos Chromium(III), Insoluble Salts	64902-72-3 60238-56-4 16065-83-1					5.1E+04	7.7E+04		3.1E+04 4.9E+02 1.5E+06	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	0.025			1.4E+09		Chromium(VI) Chromium, Total Cobalt	18540-29-9 7440-47-3 7440-48-4	5.7E+00		2.0E+02	5.6E+00	3.1E+03		6.0E+05	3.1E+03	
				9.0E-03	P	3.0E-04	P	6.0E-06	P	1		1.4E+09						1.9E+03	1.9E+03	3.1E+02		3.6E+04	3.0E+02	
				6.2E-04	I			M	1	0.1				Coke Oven Emissions Copper Cresol, m-	8007-45-2 7440-50-8 108-39-4					4.1E+04			4.1E+04 3.1E+04	
				4.0E-02	H				1			1.4E+09												
				5.0E-02	I	6.0E-01	C		1	0.1		1.4E+09								5.1E+04	7.7E+04	3.6E+09		
				1.0E-01	A	6.0E-01	C		1	0.1		1.4E+09		Cresol, o- Cresol, p- Cresol, p-chloro-m-	95-48-7 106-44-5 59-50-7					5.1E+04	7.7E+04	3.6E+09	3.1E+04 6.2E+04 6.2E+04	
				1.0E-01	A	6.0E-01	C		1	0.1		1.4E+09								1.0E+05	1.5E+05			
1.9E+00	H			1.0E-03	P			V	1		1.7E+04	1.4E+09	2.0E+04	Cresols Crotonaldehyde, trans- Cumene	1319-77-3 123-73-9 98-82-8	1.5E+00			1.5E+00	1.0E+05	1.5E+05	3.6E+09	6.2E+04 1.0E+03 1.1E+04	
				1.0E-01	I	4.0E-01	I	V	1		2.7E+02	1.4E+09	6.7E+03							1.0E+03				
2.2E-01	C	6.3E-05	C						1	0.1		1.4E+09		Cupferron Cyanazine Cyanides	135-20-6 21725-46-2	1.3E+01	2.0E+01	2.6E+05	7.8E+00	2.0E+03	3.1E+03		1.2E+03	
8.4E-01	H			2.0E-03	H				1	0.1		1.4E+09				3.4E+00	5.2E+00		2.1E+00					
				1.0E-03	I				1			1.4E+09		~Calcium Cyanide ~Copper Cyanide ~Cyanide (CN-)	592-01-8 544-92-3 57-12-5					1.0E+03			1.0E+03 5.1E+03 6.1E+02	
				6.0E-04	I		V		1	1.0E+07	1.4E+09	5.0E+04								6.1E+02				
				1.0E-03	I		V		1			1.4E+09		~Cyanogen ~Cyanogen Bromide ~Cyanogen Chloride	460-19-5 506-68-3 506-77-4					1.0E+03			1.0E+03 9.2E+04 5.1E+04	
				9.0E-02	I		V		1			1.4E+09								9.2E+04				
				5.0E-02	I		V		1			1.4E+09								5.1E+04				
				6.0E-04	I	8.0E-04	I	V	1			1.4E+09		~Hydrogen Cyanide ~Potassium Cyanide ~Potassium Silver Cyanide	74-90-8 151-50-8 506-61-6					6.1E+02		4.8E+06	6.1E+02 2.0E+03 5.1E+03	
				2.0E-03	I				1			1.4E+09								2.0E+03				
				5.0E-03	I				0.04			1.4E+09								5.1E+03				
				1.0E-01	I				0.04			1.4E+09		~Silver Cyanide ~Sodium Cyanide ~Thiocyanate	506-64-9 143-33-9 463-56-9					1.0E+05			1.0E+05 1.0E+03 2.0E+02	
				1.0E-03	I				1			1.4E+09								1.0E+03				
				2.0E-04	P		V		1	4.6E+03	1.4E+09	7.1E+03								2.0E+02				
				5.0E-02	I				1			1.4E+09		~Zinc Cyanide Cyclohexane Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	557-21-1 110-82-7 87-84-3					5.1E+04		2.9E+04	5.1E+04 2.9E+04	
2.3E-02	H					6.0E+00	I	V	1	0.1	1.2E+02	1.4E+09	1.1E+03			1.2E+02	1.9E+02		7.5E+01					
				5.0E+00	I	7.0E-01	P		1	0.1		1.4E+09		Cyclohexanone Cyclohexylamine Cyhalothrin/karate	108-94-1 108-91-8 68085-85-8					5.1E+06	7.7E+06	4.2E+09	3.1E+06 1.2E+05 3.1E+03	
				2.0E-01	I				1	0.1		1.4E+09								2.0E+05	3.1E+05			
				5.0E-03	I				1	0.1		1.4E+09								5.1E+03	7.7E+03			
				1.0E-02	I				1	0.1		1.4E+09		Cypermethrin Cyromazine DDD	52315-07-8 66215-27-8 72-54-8					1.0E+04	1.5E+04		6.2E+03 4.6E+03	
2.4E-01	I	6.9E-05	C	7.5E-03	I				1	0.1		1.4E+09				1.2E+01	1.8E+01	2.4E+05	7.2E+00	7.7E+03	1.2E+04			
3.4E-01	I	9.7E-05	C						1	0.1		1.4E+09		DDE, p,p'- DDT	72-55-9 50-29-3	8.4E+00	1.3E+01	1.7E+05	5.1E+00					
3.4E-01	I	9.7E-05	I	1.0E-02	I	5.0E-04	I		1	0.03		1.4E+09		DDT Dacthal	50-29-3 1861-32-1	8.4E+00	4.3E+01	1.7E+05	7.0E+00	5.1E+02	2.6E+03		4.3E+02 6.2E+03	
				1.0E-02	I				1	0.1		1.4E+09								1.0E+04	1.5E+04			
2.4E-01	I	6.9E-05	C	7.5E-03	I				1	0.1		1.4E+09				1.2E+01	1.8E+01	2.4E+05	7.2E+00	7.7E+03	1.2E+04			
3.4E-01	I	9.7E-05	C						1	0.1		1.4E+09		DDE, p,p'- DDT	72-55-9 50-29-3	8.4E+00	1.3E+01	1.7E+05	5.1E+00					
3.4E-01	I	9.7E-05	I	1.0E-02	I	5.0E-04	I		1	0.03		1.4E+09		DDT Dacthal	50-29-3 1861-32-1	8.4E+00	4.3E+01	1.7E+05	7.0E+00	5.1E+02	2.6E+03		4.3E+02 6.2E+03	
				3.0E-02	I				1	0.1		1.4E+09		Dalapon Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	75-99-0 1163-19-5	4.1E+03	6.2E+03		2.5E+03	3.1E+04	4.6E+04		1.8E+04 4.3E+03	
7.0E-04	I			7.0E-03	I				1	0.1		1.4E+09		Demeton	8065-48-3					4.1E+01	6.2E+01		2.5E+01	
				4.0E-05	I				1	0.1		1.4E+09												
1.2E-03	I			6.0E-01	I				1	0.1		1.4E+09		Di(2-ethylhexyl)adipate	103-23-1	2.4E+03	3.6E+03		1.4E+03	6.1E+05	9.3E+05		3.7E+05	
6.1E-02	H								1	0.1		1.4E+09		Diallate Diazinon	2303-16-4 333-41-5	4.7E+01	7.1E+01		2.8E+01				4.3E+02	
				7.0E-04	A				1	0.1		1.4E+09								7.2E+02	1.1E+03			

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	o c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	1.4E+09	3.4E+04	Dibromo-3-chloropropane, 1,2-Dibromobenzene, 1,4-Dibromochloromethane	96-12-8 106-37-6 124-48-1	3.6E+00		7.0E-02	6.9E-02	2.0E+02	1.0E+04	1.5E+04	3.0E+01	2.6E+01 6.2E+03 1.2E+04
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	8.0E+02	1.4E+09	8.6E+03	Dibromoethane, 1,2-Dibromomethane (Methylene Bromide) Dibutyl Phthalate	106-93-4 74-95-3 84-74-2	1.4E+00		1.9E-01	1.7E-01	9.2E+03	1.0E+04		3.7E+02	3.5E+02 1.1E+02 6.2E+04
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	H	X	V	1		1.3E+03	1.4E+09	9.3E+03	Dibutyltin Compounds	NA					1.0E+05	1.5E+05			1.8E+02
				3.0E-04	P					1	0.1	1.4E+09			Dicamba	1918-00-9					3.1E+02	4.6E+02			1.8E+02
		4.2E-03	P	3.0E-02	I			V		1	0.1	5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, 1,4-Dichloro-2-butene, cis-1,4-Dichloro-2-butene, trans-1,4-Dichloroacetic Acid	1476-11-5 110-57-6 79-43-6			3.5E-02	3.5E-02					
5.0E-02	I			4.0E-03	I					1	0.1	7.6E+02	1.4E+09	1.2E+04	Dichlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzidine, 3,3'-	95-50-1 106-46-7 91-94-1	5.3E+02 6.4E+00		1.3E+01 4.9E+04	1.2E+01 3.8E+00	9.2E+04 7.2E+04		1.1E+04 3.9E+04	9.8E+03 2.5E+04	
5.4E-03	C	1.1E-05	C	9.0E-02	X	2.0E-01	H	V		1		3.8E+02	1.4E+09	1.3E+04	Dichlorobenzophenone, 4,4'-Dichlorodifluoromethane	90-98-2 75-71-8					9.2E+03	1.4E+04			5.5E+03 4.0E+02
4.5E-01	I	3.4E-04	C	2.0E-01	P		X	V		1		8.5E+02	1.4E+09	9.1E+02	Dichloroethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, 1,2-(Mixed Isomers)	75-34-3 107-06-2 75-35-4 540-59-0	5.0E+02		1.7E+01	1.7E+01	2.0E+05		4.0E+02	2.0E+05	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	1.4E+09	4.9E+03	Dichloroethane, 1,2-Dichloroethene, 1,1-Dichloroethene, 1,2-(Mixed Isomers)	107-06-2 75-35-4 540-59-0	3.1E+01		2.3E+00	2.2E+00	6.1E+03		1.5E+02 1.1E+03 9.2E+03	1.5E+02 1.1E+03 9.2E+03	
				2.0E-03	I		V			1		2.4E+03	1.4E+09	2.7E+03	Dichloroethene, 1,2-cis-Dichloroethene, 1,2-trans-Dichlorophenol, 2,4-	156-59-2 156-60-5 120-83-2					2.0E+03			2.0E+03 6.9E+02 1.8E+03	
				2.0E-02	I	6.0E-02	P	V		1		1.7E+03	1.4E+09	2.7E+03	Dichlorophenoxy Acetic Acid, 2,4-Dichlorophenoxybutyric Acid, 4-(2,4-Dichloropropene, 1,2-	94-75-7 94-82-6 78-87-5					1.0E+04	3.1E+04			7.7E+03 4.9E+03 7.1E+01
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1	0.1	1.4E+03	1.4E+09	4.1E+03	Dichloropropene, 1,3-Dichloropropanol, 2,3-Dichloropropene, 1,3-	142-28-9 616-23-9 542-75-6	7.9E+01		5.0E+00	4.7E+00	8.2E+03	1.2E+04	7.1E+01		2.0E+04 1.8E+03 3.3E+02
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.5E+03	1.4E+09	7.3E+03	Dichlorvos	62-73-7	2.9E+01		1.2E+01	8.3E+00	5.1E+02	7.7E+02	3.0E+06		3.1E+02
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09			Dicyclopentadiene	77-73-6	9.9E+00	1.5E+01	2.0E+05	5.9E+00	8.2E+03	1.4E+02			1.3E+02
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	1.4E+09			Dieldrin	60-57-1	1.8E-01	2.7E-01	3.6E+03	1.1E-01	5.1E+01	7.7E+01			3.1E+01
3.0E-04	C			5.0E-03	I					1	0.1	1.4E+09			Diesel Engine Exhaust	NA									
				8.0E-01	I					1	0.1	1.4E+09			Diethanolamine	111-42-2					8.2E+05	1.2E+06			1.8E+07
				3.0E-02	P	1.0E-04	P			1	0.1	1.4E+09			Diethyl Phthalate	84-66-2									4.9E+05
				6.0E-02	P	3.0E-04	P			1	0.1	1.4E+09			Diethylene Glycol Monobutyl Ether	112-34-5					3.1E+04	4.6E+04	6.0E+05		1.8E+04
				1.0E-03	P					1	0.1	1.4E+09			Diethylene Glycol Monoethyl Ether	111-90-0					6.1E+04	9.3E+04	1.8E+06		3.6E+04
3.5E+02	C	1.0E-01	C							1	0.1	1.4E+09			Diethylformamide	617-84-5					1.0E+03	1.5E+03			6.2E+02
				8.0E-02	I					1	0.1	1.4E+09			Diethylstilbestrol	56-53-1	8.2E-03	1.2E-02	1.7E+02	4.9E-03					4.9E+04
				2.0E-02	I					1	0.1	1.4E+09			Difenzoquat	43222-48-6					8.2E+04	1.2E+05			1.2E+04
										1	0.1	1.4E+09			Diflubenzuron	35367-38-5					2.0E+04	3.1E+04			1.2E+04
4.4E-02	C	1.3E-05	C			4.0E+01	I	V		1		1.4E+03	1.4E+09	1.2E+03	Difluoroethane, 1,1-Dihydrosafrole	75-37-6 94-58-6	6.5E+01	9.9E+01	1.3E+00	1.2E+00			2.2E+05		2.2E+05
						7.0E-01	P	V		1		2.3E+03	1.4E+09	3.3E+03	Diisopropyl Ether	108-20-3							1.0E+04		1.0E+04
				8.0E-02	I		V			1		5.3E+02	1.4E+09	3.1E+04	Diisopropyl Methylphosphonate	1445-75-6					8.2E+04				8.2E+04
				2.0E-02	I					1	0.1	1.4E+09			Dimethipin	55290-64-7					2.0E+04	3.1E+04			1.2E+04
				2.0E-04	I					1	0.1	1.4E+09			Dimethoate	60-51-5					2.0E+02	3.1E+02			1.2E+02
1.4E-02	H									1	0.1	1.4E+09			Dimethoxybenzidine, 3,3'-Dimethyl methylphosphonate	119-90-4 756-79-6	2.0E+02	3.1E+02		1.2E+02	6.1E+04	9.3E+04			3.7E+04
1.7E-03	P			6.0E-02	P					1	0.1	1.4E+09			Dimethylhydrazine, 1,1-Dimethylamino azobenzene [p-]	60-11-7	1.7E+03	2.6E+03		1.0E+03					
4.6E+00	C	1.3E-03	C							1	0.1	1.4E+09			Dimethylhydrazine, 1,2-Dimethylaniline HCl, 2,4-Dimethylaniline, 2,4-Dimethylaniline, N,N-	21436-96-4 95-68-1 121-69-7	6.2E-01	9.4E-01	1.3E+04	3.7E-01					
5.8E-01	H									1	0.1	1.4E+09			Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	21436-96-4 95-68-1 121-69-7	4.9E+00	7.5E+00		3.0E+00	2.0E+03	3.1E+03			1.2E+03 2.0E+03
2.0E-01	P			2.0E-03	X		V			1	0.1	8.3E+02	1.4E+09	3.4E+04	Dimethylbenzidine, 3,3'-Dimethylformamide	119-93-7 68-12-2	2.6E-01	3.9E-01		1.6E-01	1.0E+05	1.5E+05	1.8E+08		6.2E+04 6.1E+01
1.1E+01	P					1.0E-01	P	3.0E-02	I	1	0.1	1.4E+09			Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	540-73-8 105-67-9 576-26-1	5.2E-03	7.9E-03	1.0E+02	3.1E-03	2.0E+04	3.1E+04			1.2E+04 3.7E+02
5.5E+02	C	1.6E-01	C							1	0.1	1.4E+09			Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	540-73-8 105-67-9 576-26-1					2.0E+04	3.1E+04			1.2E+04 3.7E+02
				2.0E-02	I					1	0.1	1.4E+09			Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	540-73-8 105-67-9 576-26-1					6.1E+02	9.3E+02			1.2E+04 3.7E+02
				6.0E-04	I					1	0.1	1.4E+09			Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	540-73-8 105-67-9 576-26-1					1.0E+03	1.5E+03			6.2E+02 1.0E+05
4.5E-02	C	1.3E-05	C							1	0.1	5.5E+00	1.4E+09	2.3E+04	Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	95-65-8 120-61-6 513-37-1	6.4E+01	9.6E+01	1.0E+00	1.0E+00	1.0E+05			1.0E+05	
				1.0E-03	I					1	0.1	1.4E+09			Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	540-73-8 105-67-9 576-26-1					1.0E+03	1.5E+03			6.2E+02 1.0E+05
				1.0E-01	I		V			1	0.1	1.1E+03	1.4E+09	1.1E+03	Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylterephthalate	540-73-8 105-67-9 576-26-1					1.0E+03	1.5E+03			6.2E+02 1.0E+05
				8.0E-05	X					1	0.1	1.4E+09			Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-	534-52-1 131-89-5					8.2E+01	1.2E+02			4.9E+01 1.2E+03
				2.0E-03	I					1	0.1	1.4E+09									2.0E+03	3.1E+03			1.2E+03

Regional Screening Level (RSL) Industrial Soil Table April 2012

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information														Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v _o c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)			
				1.0E-04	P					1	0.1	1.4E+09			Dinitrobenzene, 1,2-	528-29-0					1.0E+02	1.5E+02		6.2E+01			
				1.0E-04	I					1	0.1	1.4E+09			Dinitrobenzene, 1,3-	99-65-0					1.0E+02	1.5E+02		6.2E+01			
				1.0E-04	P					1	0.1	1.4E+09			Dinitrobenzene, 1,4-	100-25-4					1.0E+02	1.5E+02		6.2E+01			
				2.0E-03	I					1	0.1	1.4E+09			Dinitrophenol, 2,4-	51-28-5					2.0E+03	3.1E+03		1.2E+03			
6.8E-01	I									1	0.1	1.4E+09			Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	4.2E+00	6.4E+00		2.5E+00							
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102	1.4E+09			Dinitrotoluene, 2,4-	121-14-2	9.2E+00	1.4E+01	1.9E+05	5.5E+00	2.0E+03	3.0E+03		1.2E+03			
				1.0E-03	P					1	0.099	1.4E+09			Dinitrotoluene, 2,6-	606-20-2					1.0E+03	1.6E+03		6.2E+02			
				2.0E-03	S					1	0.006	1.4E+09			Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E+03	5.2E+04		2.0E+03			
				2.0E-03	S					1	0.009	1.4E+09			Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E+03	3.4E+04		1.9E+03			
				1.0E-03	I					1	0.1	1.4E+09			Dinoseb	88-85-7					1.0E+03	1.5E+03		6.2E+02			
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1	1.4E+09			Dioxane, 1,4-	123-91-1	2.9E+01	4.3E+01	2.2E+06	1.7E+01	3.1E+04	4.6E+04	1.8E+10	1.8E+04			
6.2E+03	I	1.3E+00	I							1	0.03	1.4E+09			Dioxins *Hexachlorodibenzo-p-dioxin, Mixture	NA	4.6E-04	2.3E-03	1.3E+01	3.9E-04							
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C			1	0.03	1.4E+09			**TCDD, 2,3,7,8-	1746-01-6	2.2E-05	1.1E-04	4.4E-01	1.8E-05	7.2E-04	3.6E-03	2.4E+02	6.0E-04			
				3.0E-02	I					1	0.1	1.4E+09			Diphenamid	957-51-7					3.1E+04	4.6E+04		1.8E+04			
				8.0E-04	X					1	0.1	1.4E+09			Diphenyl Sulfone	127-63-9					8.2E+02	1.2E+03		4.9E+02			
				2.5E-02	I					1	0.1	1.4E+09			Diphenylamine	122-39-4					2.6E+04	3.9E+04		1.5E+04			
8.0E-01	I	2.2E-04	I							1	0.1	1.4E+09			Diphenylhydrazine, 1,2-	122-66-7	3.6E+00	5.4E+00	7.6E+04	2.2E+00							
				2.2E-03	I					1	0.1	1.4E+09			Diquat	85-00-7					2.2E+03	3.4E+03		1.4E+03			
7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			Direct Black 38	1937-37-7	3.9E-01	5.9E-01	7.9E+03	2.3E-01							
7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			Direct Blue 6	2602-46-2	3.9E-01	5.9E-01	7.9E+03	2.3E-01							
6.7E+00	C	1.9E-03	C							1	0.1	1.4E+09			Direct Brown 95	16071-86-6	4.3E-01	6.5E-01	8.8E+03	2.6E-01							
				4.0E-05	I					1	0.1	1.4E+09			Disulfoton	298-04-4					4.1E+01	6.2E+01		2.5E+01			
				1.0E-02	I			V		1	0.1	2.9E+03	1.4E+09	4.6E+04	Dithiane, 1,4-	505-29-3					1.0E+04	1.5E+04		6.2E+03			
				2.0E-03	I					1	0.1	1.4E+09			Diuron	330-54-1					2.0E+03	3.1E+03		1.2E+03			
				4.0E-03	I					1	0.1	1.4E+09			Dodine	2439-10-3					4.1E+03	6.2E+03		2.5E+03			
				2.5E-02	I			V		1	4.1E+02	1.4E+09	1.3E+05		EPTC	759-94-4					2.6E+04			2.6E+04			
				6.0E-03	I					1	0.1	1.4E+09			Endosulfan	115-29-7					6.1E+03	9.3E+03		3.7E+03			
				2.0E-02	I					1	0.1	1.4E+09			Endothall	145-73-3					2.0E+04	3.1E+04		1.2E+04			
				3.0E-04	I					1	0.1	1.4E+09			Endrin	72-20-8					3.1E+02	4.6E+02		1.8E+02			
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1	1.1E+04	1.4E+09	2.0E+04		Epichlorohydrin	106-89-8	2.9E+02		2.1E+02	1.2E+02	6.1E+03		8.9E+01	8.8E+01			
				2.0E-02	I	V				1	1.5E+04	1.4E+09	8.2E+03		Epoxybutane, 1,2-	106-88-7							7.2E+02	7.2E+02			
				5.0E-03	I					1	0.1	1.4E+09			Ethephon	16672-87-0					5.1E+03	7.7E+03		3.1E+03			
				5.0E-04	I					1	0.1	1.4E+09			Ethion	563-12-2					5.1E+02	7.7E+02		3.1E+02			
				1.0E-01	P	6.0E-02	P			1	0.1	1.4E+09			Ethoxyethanol Acetate, 2-	111-15-9					1.0E+05	1.5E+05	3.6E+08	6.2E+04			
				4.0E-01	H	2.0E-01	I			1	0.1	1.4E+09			Ethoxyethanol, 2-	110-80-5					4.1E+05	6.2E+05	1.2E+09	2.5E+05			
				9.0E-01	I			V		1	1.1E+04	1.4E+09	9.3E+03		Ethyl Acetate	141-78-6					9.2E+05			9.2E+05			
4.8E-02	H							V		1	2.5E+03	1.4E+09	6.8E+03		Ethyl Acrylate	140-88-5	6.0E+01			6.0E+01							
						1.0E+01	I	V		1	2.1E+03	1.4E+09	1.4E+03		Ethyl Chloride	75-00-3							6.1E+04	6.1E+04			
				2.0E-01	I			V		1	1.0E+04	1.4E+09	3.4E+03		Ethyl Ether	60-29-7					2.0E+05			2.0E+05			
				9.0E-02	H	3.0E-01	P	V		1	1.1E+03	1.4E+09	6.2E+03		Ethyl Methacrylate	97-63-2					9.2E+04		8.2E+03	7.5E+03			
				1.0E-05	I					1	0.1	1.4E+09			Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E+01	1.5E+01		6.2E+00			
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1	4.8E+02	1.4E+09	6.1E+03		Ethylbenzene	100-41-4	2.6E+02		3.0E+01	2.7E+01	1.0E+05		2.7E+04	2.1E+04			
				3.0E-02	P					1	0.1	1.4E+09			Ethylene Cyanohydrin	109-78-4					3.1E+04	4.6E+04		1.8E+04			
				9.0E-02	P					1	0.1	1.4E+09			Ethylene Diamine	107-15-3					9.2E+04	1.4E+05		5.5E+04			
				2.0E+00	I	4.0E-01	C			1	0.1	1.4E+09			Ethylene Glycol	107-21-1					2.0E+06	3.1E+06	2.4E+09	1.2E+06			
				1.0E-01	I	1.6E+00	I			1	0.1	1.4E+09			Ethylene Glycol Monobutyl Ether	111-76-2					1.0E+05	1.5E+05	9.5E+09	6.2E+04			
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1	1.2E+05	1.4E+09	6.6E+03		Ethylene Oxide	75-21-8	9.2E+00		9.1E-01	8.3E-01			8.6E+02	8.6E+02			
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1	1.4E+09			Ethylene Thiourea	96-45-7	6.4E+01	9.6E+01	1.3E+06	3.8E+01	8.2E+01	1.2E+02		4.9E+01			
6.5E+01	C	1.9E-02	C					V		1	0.1	1.5E+05	1.4E+09	2.6E+04	Ethyleneimine	151-56-4	4.4E-02	6.7E-02	1.7E-02	1.0E-02							
				3.0E+00	I					1	0.1	1.4E+09			Ethylphthalyl Ethyl Glycolate	84-72-0					3.1E+06	4.6E+06		1.8E+06			
				8.0E-03	I					1	0.1	1.4E+09			Express	101200-48-0					8.2E+03	1.2E+04		4.9E+03			
				2.5E-04	I																						

Regional Screening Level (RSL) Industrial Soil Table April 2012

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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 y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- c	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)		
				9.0E-01 3.0E+00	P I	3.0E-04	X		1 1	0.1 0.1	1.4E+09 1.4E+09			Formic Acid Fosetyl-AL	64-18-6 39148-24-8					9.2E+05 3.1E+06	1.4E+06 4.6E+06	1.8E+06	4.2E+05 1.8E+06		
				1.0E-03 1.0E-03	X I		V V		1 1		1.7E+02 6.2E+03	1.4E+09 1.4E+09	2.1E+05 2.8E+03	Furans ~Dibenzofuran ~Furan	132-64-9 110-00-9					1.0E+03 1.0E+03			1.0E+03 1.0E+03		
3.8E+00	H			9.0E-01 3.0E-03	I I	2.0E+00 5.0E-02	I H	V H	1 1	0.1 0.1	1.7E+05 1.4E+09	1.4E+09 1.4E+09	1.3E+04 1.4E+09	~Tetrahydrofuran Furazolidone Furfural	109-99-9 67-45-8 98-01-1	7.5E-01	1.1E+00		4.5E-01	9.2E+05 3.1E+03	1.4E+06 4.6E+03	1.2E+05 3.0E+08	9.5E+04 1.8E+03		
1.5E+00 3.0E-02	C I	4.3E-04 8.6E-06	C C	4.0E-04	I				1 1	0.1 0.1	1.4E+09 1.4E+09			Furium Furmecyclo Glufosinate, Ammonium	531-82-8 60568-05-0 77182-82-2	1.9E+00 9.5E+01	2.9E+00 1.4E+02	3.9E+04 1.9E+06	1.1E+00 5.7E+01		4.1E+02 6.2E+02		2.5E+02		
				4.0E-04 1.0E-01	I I	8.0E-05 1.0E-03	C H		1 1	0.1 0.1	1.4E+09 1.4E+09			Glutaraldehyde Glycidyl Glyphosate	111-30-8 765-34-4 1071-83-6					4.1E+02 1.0E+05	6.2E+02 1.5E+05	4.8E+05 6.0E+06	2.5E+02 6.2E+04		
				3.0E-03 3.0E-03 5.0E-05	I A I	1.0E-02	A		1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			Goal Guthion Haloxypol, Methyl	42874-03-3 86-50-0 69806-40-2					3.1E+03 3.1E+03 5.1E+01	4.6E+03 4.6E+03 7.7E+01	6.0E+07	1.8E+03 1.8E+03 3.1E+01		
4.5E+00 9.1E+00	I I	1.3E-03 2.6E-03	I I	1.3E-02 1.3E-05	I I				1 1	0.1 0.1	1.4E+09 1.4E+09			Harmony Heptachlor Heptachlor Epoxide	79277-27-3 76-44-8 1024-57-3	6.4E-01 3.1E-01	9.6E-01 4.8E-01	1.3E+04 6.4E+03	3.8E-01 1.9E-01	1.3E+04 1.3E+01	2.0E+04 2.0E+01	7.7E+02 7.7E+02	3.1E+02 8.0E+00		
				2.0E-03 2.0E-04 8.0E-04	I I I				1 1 1	0.1 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			Hexabromobenzene Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) Hexachlorobenzene	87-82-1 68631-49-2 118-74-1					2.0E+03 2.0E+02 8.2E+02	3.1E+03 3.1E+02 1.2E+03		1.2E+03 1.2E+02 4.9E+02		
1.6E+00	I	4.6E-04	I	8.0E-04	I				1	0.1	1.4E+09			Hexachlorobutadiene Hexachlorocyclohexane, Alpha- Hexachlorocyclohexane, Beta-	87-68-3 319-84-6 319-85-7	1.8E+00	2.7E+00	3.6E+04	1.1E+00	1.0E+03 8.2E+02	1.5E+03 1.2E+04		6.2E+02 4.9E+03		
1.1E+00 1.8E+00	C I	3.1E-04 5.1E-04	C I	3.0E-04 6.0E-03	I I				1 1	0.04 0.1	1.4E+09 1.4E+09			Hexachlorocyclohexane, Gamma- (Lindane) Hexachlorocyclohexane, Technical Hexachlorocyclopentadiene	58-89-9 608-73-1 77-47-4	2.6E+00 1.6E+00	9.9E+00 2.4E+00	5.4E+04 3.3E+04	2.1E+00 9.6E-01	3.1E+02 6.1E+03	1.2E+03 9.3E+03	1.2E+06	2.4E+02 3.7E+03		
4.0E-02 1.1E-01	I I	1.1E-05	C	7.0E-04 3.0E-04 3.0E-03	I I I	3.0E-02	I		1 1 1	0.1 0.1 0.015	1.4E+09 1.4E+09 1.4E+09			Hexachloroethane Hexachlorophene Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	67-72-1 70-30-4 121-82-4	7.2E+01 2.6E+01	1.1E+02 2.6E+02	1.5E+06 2.4E+01	4.3E+01	7.2E+02 3.1E+02 3.1E+03	1.1E+03 4.6E+02 3.1E+04	1.8E+08 1.8E+02 2.8E+03	4.3E+02 1.8E+02 2.8E+03		
				4.0E-04 6.0E-02	P H	1.0E-05 7.0E-01	I I	V V	1 1		5.2E+03 1.4E+09	1.4E+09 1.4E+09	3.2E+05 8.9E+02	Hexamethylene Diisocyanate, 1,6- Hexamethylphosphoramide Hexane, N-	822-06-0 680-31-9 110-54-3					4.1E+02 6.1E+04	6.2E+02	1.4E+01 2.7E+03	1.4E+01 2.5E+02 2.6E+03		
				2.0E+00 5.0E-03 3.3E-02	P I I	3.0E-02	I V		1 1 1	0.1 3.3E+03 0.1	1.4E+09 1.4E+09 1.4E+09			Hexanedioic Acid Hexanone, 2- Hexazinone	124-04-9 591-78-6 51235-04-2					2.0E+06 5.1E+03 3.4E+04	3.1E+06 1.9E+03		1.2E+06 1.4E+03 2.0E+04		
3.0E+00 3.0E+00	I I	4.9E-03 4.9E-03	I I	3.0E-05 2.0E-02	P I	3.0E-05	P		1 1		1.4E+09 1.4E+09			Hydrazine Hydrazine Sulfate Hydrogen Chloride	302-01-2 10034-93-2 7647-01-0	9.5E-01 9.5E-01		3.4E+03 3.4E+03	9.5E-01		1.8E+05 1.2E+08	1.8E+05 1.2E+08			
6.0E-02	P			4.0E-02 4.0E-02	C P	1.4E-02 2.0E-03	C I		1 1		1.4E+09 1.4E+09			Hydrogen Fluoride Hydrogen Sulfide Hydroquinone	7664-39-3 7783-06-4 123-31-9					4.1E+04 1.2E+07	8.3E+07 1.2E+07		4.1E+04 1.2E+07 2.5E+04		
				1.3E-02 2.5E-01 1.0E-02	I I A				1 1 1	0.1 0.1	1.4E+09 1.4E+09 1.4E+09			Imazalil Imazaquin Iodine	35554-44-0 81335-37-7 7553-56-2					1.3E+04 2.6E+05 1.0E+04	2.0E+04 3.9E+05		8.0E+03 1.5E+05 1.0E+04		
				4.0E-02 7.0E-01 3.0E-01	I P I				1 1 1	0.1 0.1	1.4E+09 1.4E+09 1.4E+09			Iprodione Iron Isobutyl Alcohol	36734-19-7 7439-89-6 78-83-1					4.1E+04 7.2E+05 3.1E+05	6.2E+04 4.6E+05		2.5E+04 7.2E+05 1.8E+05		
9.5E-04	I			2.0E-01 1.5E-02	I I	2.0E+00 7.0E+00	C C		1 1	0.1 0.1	1.4E+09 1.4E+09			Isophorone Isopropalin Isopropanol	78-59-1 33820-53-0 67-63-0	3.0E+03	4.6E+03		1.8E+03	2.0E+05 1.5E+04	3.1E+05 2.3E+04	1.2E+10	1.2E+05 9.2E+03 4.2E+10		
				1.0E-01 5.0E-02	I I				1 1	0.1 0.1	1.4E+09 1.4E+09			Isopropyl Methyl Phosphonic Acid Isoxaben JP-7	1832-54-8 82558-50-7 NA					1.0E+05 5.1E+04	1.5E+05 7.7E+04		6.2E+04 3.1E+04 1.8E+09		
				7.5E-02 2.0E-03	I I				1 1	0.1 0.1	1.4E+09 1.4E+09			Kerb Lactofen	23950-58-5 77501-63-4					7.7E+04 2.0E+03	1.2E+05 3.1E+03		4.6E+04 1.2E+03		
2.8E-01 3.8E-02	C C	8.0E-05 1.1E-05	C C						1 1 1	0.1 0.1	1.4E+09 1.4E+09 1.4E+09			Lead Compounds ~Lead acetate ~Lead and Compounds ~Lead subacetate	301-04-2 7439-92-1 1335-32-6	1.0E+01 7.5E+01	1.5E+01 1.1E+02	2.1E+05 1.5E+06	6.2E+00 4.5E+01				8.0E+02		
				1.0E-07 2.0E-03 2.0E-03	I I P				1 1 1	0.1 0.1	1.4E+09 1.4E+09 1.4E+09			~Tetraethyl Lead Linuron Lithium	78-00-2 330-55-2 7439-93-2					1.0E-01 2.0E+03 2.0E+03	1.5E-01 3.1E+03		6.2E-02 1.2E+03 2.0E+03		

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Toxicity and Chemical-specific Information														Contaminant			Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	o c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HI=1 (mg/kg)	Dermal SL HI=1 (mg/kg)	Inhalation SL HI=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
				2.0E-01	I					1	0.1		1.4E+09		Londax	83055-99-6					2.0E+05	3.1E+05		1.2E+05
				5.0E-04	I					1	0.1		1.4E+09		MCPA	94-74-6					5.1E+02	7.7E+02		3.1E+02
				1.0E-02	I					1	0.1		1.4E+09		MCPB	94-81-5					1.0E+04	1.5E+04		6.2E+03
				1.0E-03	I					1	0.1		1.4E+09		MCPP	93-65-2					1.0E+03	1.5E+03		6.2E+02
				2.0E-02	I					1	0.1		1.4E+09		Malathion	121-75-5					2.0E+04	3.1E+04		1.2E+04
				1.0E-01	I	7.0E-04	C			1	0.1		1.4E+09		Maleic Anhydride	108-31-6					1.0E+05	1.5E+05	4.2E+06	6.1E+04
				5.0E-01	I					1	0.1		1.4E+09		Maleic Hydrazide	123-33-1					5.1E+05	7.7E+05		3.1E+05
				1.0E-04	P					1	0.1		1.4E+09		Malononitrile	109-77-3					1.0E+02	1.5E+02		6.2E+01
				3.0E-02	H					1	0.1		1.4E+09		Mancozeb	8018-01-7					3.1E+04	4.6E+04		1.8E+04
				5.0E-03	I					1	0.1		1.4E+09		Maneb	12427-38-2					5.1E+03	7.7E+03		3.1E+03
				1.4E-01	I	5.0E-05	I			1					Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I		0.04				1.4E+09		Manganese (Non-diet)	7439-96-5					2.5E+04		3.0E+05	2.3E+04
				9.0E-05	H					1	0.1		1.4E+09		Mephosfolan	950-10-7					9.2E+01	1.4E+02		5.5E+01
				3.0E-02	I					1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					3.1E+04	4.6E+04		1.8E+04
															Mercury Compounds									
				3.0E-04	I	3.0E-05	C			0.07			1.4E+09		~Mercuric Chloride (and other Mercury salts)	7487-94-7					3.1E+02		1.8E+05	3.1E+02
						3.0E-04	I	V		1		3.1E+00		3.2E+04	~Mercury (elemental)	7439-97-6							4.3E+01	4.3E+01
				1.0E-04	I					1			1.4E+09		~Methyl Mercury	22967-92-6					1.0E+02			1.0E+02
				8.0E-05	I					1	0.1		1.4E+09		~Phenylmercuric Acetate	62-38-4					8.2E+01	1.2E+02		4.9E+01
				3.0E-05	I					1	0.1		1.4E+09		Merphos	150-50-5					3.1E+01	4.6E+01		1.8E+01
				3.0E-05	I					1	0.1		1.4E+09		Merphos Oxide	78-48-8					3.1E+01	4.6E+01		1.8E+01
				6.0E-02	I					1	0.1		1.4E+09		Metalaxyl	57837-19-1					6.1E+04	9.3E+04		3.7E+04
				1.0E-04	I	7.0E-04	H	V		1		4.6E+03	1.4E+09	7.3E+03	Methacrylonitrile	126-98-7					1.0E+02		2.2E+01	1.8E+01
				5.0E-05	I					1	0.1		1.4E+09		Methamidophos	10265-92-6					5.1E+01	7.7E+01		3.1E+01
				5.0E-01	I	4.0E+00	C			1	0.1		1.4E+09		Methanol	67-56-1					5.1E+05	7.7E+05	2.4E+10	3.1E+05
				1.0E-03	I					1	0.1		1.4E+09		Methidathion	950-37-8					1.0E+03	1.5E+03		6.2E+02
				2.5E-02	I					1	0.1		1.4E+09		Methomyl	16752-77-5					2.6E+04	3.9E+04		1.5E+04
4.9E-02	C	1.4E-05	C							1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	5.8E+01	8.8E+01	1.2E+06	3.5E+01				
				5.0E-03	I					1	0.1		1.4E+09		Methoxychlor	72-43-5					5.1E+03	7.7E+03		3.1E+03
				8.0E-03	P	1.0E-03	P			1	0.1		1.4E+09		Methoxyethanol Acetate, 2-	110-49-6					8.2E+03	1.2E+04	6.0E+06	4.9E+03
				5.0E-03	P	2.0E-02	I			1	0.1		1.4E+09		Methoxyethanol, 2-	109-86-4					5.1E+03	7.7E+03	1.2E+08	3.1E+03
				1.0E+00	X			V		1		2.9E+04	1.4E+09	8.7E+03	Methyl Acetate	79-20-9					1.0E+06			1.0E+06
				3.0E-02	H			V		1		6.8E+03	1.4E+09	7.5E+03	Methyl Acrylate	96-33-3					3.1E+04			3.1E+04
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	1.4E+09	1.3E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.1E+05		2.9E+05	2.0E+05
1.0E-03	X			1.0E-03	P	2.0E-05	X			1	0.1		1.4E+09		Methyl Hydrazine	60-34-4			1.7E+04	1.7E+04	1.0E+03	1.5E+03	1.2E+05	6.1E+02
				8.0E-02	H	3.0E+00	I	V		1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.2E+04		1.5E+05	5.3E+04
						1.0E-03	C	V		1	0.1	1.7E+04	1.4E+09	4.8E+03	Methyl Isocyanate	624-83-9							2.1E+01	2.1E+01
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	1.4E+09	6.8E+03	Methyl Methacrylate	80-62-6					1.4E+06		2.1E+04	2.1E+04
				2.5E-04	I					1	0.1		1.4E+09		Methyl Parathion	298-00-0					2.6E+02	3.9E+02		1.5E+02
				6.0E-02	X					1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					6.1E+04	9.3E+04		3.7E+04
9.9E-02	C	2.8E-05	C	6.0E-03	H	4.0E-02	H	V		1		3.8E+02	1.4E+09	1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4					6.1E+03		2.2E+03	1.6E+03
										1	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	2.9E+01	4.4E+01	6.0E+05	1.7E+01				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	1.4E+09	5.3E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.6E+03		2.5E+02	2.2E+02			6.9E+04	6.9E+04
				2.0E-04	X					1	0.1		1.4E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					2.0E+02	3.1E+02		1.2E+02
9.0E-03	P			2.0E-02	X					1	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	3.2E+02	4.8E+02		1.9E+02	2.0E+04	3.1E+04		1.2E+04
8.3E+00	C	2.4E-03	C							1	0.1		1.4E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.4E+01	5.2E+01	6.9E+03	2.1E+01				
1.3E-01	C	3.7E-05	C							1	0.1		1.4E+09		Methylaniline Hydrochloride, 2-	636-21-5	2.2E+01	3.3E+01	4.5E+05	1.3E+01				
				1.0E-02	A					1	0.1		1.4E+09		Methylarsonic acid	124-58-3					1.0E+04	1.5E+04		6.2E+03
				2.0E-04	X					1	0.1		1.4E+09		Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7					2.0E+02	3.1E+02		1.2E+02
2.2E+01	C	6.3E-03	C	2.0E-04	X					1	0.1		1.4E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9					2.0E+02	3.1E+02		1.2E+02
								M		1	0.1		1.4E+09		Methylcholanthrene, 3-	56-49-5	1.3E-01	2.0E-01	2.6E+03	7.8E-02				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1		3.3E+03	1.4E+09	2.4E+03	Methylene Chloride	75-09-2	1.4E+03		2.9E+03	9.6E+02	6.1E+03		6.2E+03	3.1E+03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		1.4E+09		Methylene-bis(2-chloroaniline), 4,4'-	1								

Regional Screening Level (RSL) Industrial Soil Table April 2012

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																								
Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06					Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
				3.0E-04	X				1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.1E+02	4.6E+02		1.8E+02	
				2.0E-03	I				1	0.1		1.4E+09		Naled	300-76-5					2.0E+03	3.1E+03		1.2E+03	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V				1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					3.1E+04		6.0E+08	3.1E+04	
								1	0.1	1.4E+09		Naphthylamine, 2-	91-59-8	1.6E+00	2.4E+00		9.6E-01							
				1.0E-01	I				1	0.1		1.4E+09		Napropamide	15299-99-7					1.0E+05	1.5E+05		6.2E+04	
				5.0E-02	C	5.0E-05	C		0.04			1.4E+09		Nickel Carbonyl	13463-39-3					5.1E+04		3.0E+05	4.4E+04	
				5.0E-02	C	1.0E-04	C		1			1.4E+09		Nickel Oxide	1313-99-1					5.1E+04		6.0E+05	4.7E+04	
		2.4E-04	I	5.0E-02	C	5.0E-05	C		0.04			1.4E+09		Nickel Refinery Dust	NA			6.9E+04	6.9E+04	5.1E+04		3.0E+05	4.4E+04	
		2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04			1.4E+09		Nickel Soluble Salts	7440-02-0			6.4E+04	6.4E+04	2.0E+04		5.4E+05	2.0E+04	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C		0.04			1.4E+09		Nickel Subulfide	12035-72-2	1.7E+00		3.5E+04	1.7E+00	5.1E+04		3.0E+05	4.4E+04	
				1.6E+00	I				1			1.4E+09		Nitrate	14797-55-8					1.6E+06			1.6E+06	
				1.0E-01	I				1			1.4E+09		Nitrite	14797-65-0					1.0E+05			1.0E+05	
				1.0E-02	X	5.0E-05	X		1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4					1.0E+04	1.5E+04	3.0E+05	6.0E+03	
2.0E-02	P			4.0E-03	P	6.0E-03	P		1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6	1.4E+02	2.2E+02		8.6E+01	4.1E+03	6.2E+03	3.6E+07	2.5E+03	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1		3.1E+03	1.4E+09	7.9E+04	Nitrobenzene	98-95-3			2.4E+01	2.4E+01	2.0E+03		3.1E+03	1.2E+03	
				3.0E+03	P				1	0.1		1.4E+09		Nitrocellulose	9004-70-0					3.1E+09	4.6E+09		1.8E+09	
				7.0E-02	H				1	0.1		1.4E+09		Nitrofurantoin	67-20-9					7.2E+04	1.1E+05		4.3E+04	
1.3E+00	C	3.7E-04	C						1	0.1		1.4E+09		Nitrofurazone	59-87-0	2.2E+00	3.3E+00	4.5E+04	1.3E+00					
1.7E-02	P			1.0E-04	P				1	0.1		1.4E+09		Nitroglycerin	55-63-0	1.7E+02	2.6E+02		1.0E+02	1.5E+02			6.2E+01	
				1.0E-01	I				1	0.1		1.4E+09		Nitroguanidine	556-88-7					1.0E+05	1.5E+05		6.2E+04	
		9.0E-06	P			2.0E-02	P	V	1		1.8E+04	1.4E+09	1.8E+04	Nitromethane	75-52-5				2.5E+01	2.5E+01			1.6E+03	1.6E+03
		2.7E-03	H			2.0E-02	I	V	1		4.9E+03	1.4E+09	1.4E+04	Nitropropane, 2-	79-46-9			6.4E-02	6.4E-02			1.2E+03	1.2E+03	
2.7E+01	C	7.7E-03	C					M	1	0.1		1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	1.1E-01	1.6E-01	2.2E+03	6.4E-02					
1.2E+02	C	3.4E-02	C					M	1	0.1		1.4E+09		Nitroso-N-methylurea, N-	684-93-5	2.4E-02	3.6E-02	4.9E+02	1.4E-02					
5.4E+00	I	1.6E-03	I					V	1		7.1E+03	1.4E+09	2.1E+05	Nitroso-di-N-butylamine, N-	924-16-3	5.3E-01		1.6E+00	4.0E-01					
7.0E+00	I	2.0E-03	C						1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.1E-01	6.2E-01	8.3E+03	2.5E-01					
2.8E+00	I	8.0E-04	C						1	0.1		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	1.0E+00	1.5E+00	2.1E+04	6.2E-01					
1.5E+02	I	4.3E-02	I					M	1	0.1		1.4E+09		Nitrosodiethylamine, N-	55-18-5	1.9E-02	2.9E-02	3.9E+02	1.1E-02					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	M	1	0.1		1.4E+09		Nitrosodimethylamine, N-	62-75-9	5.6E-02	8.5E-02	1.2E+03	3.4E-02	8.2E+00	1.2E+01	2.4E+05	4.9E+00	
4.9E-03	I	2.6E-06	C						1	0.1		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	5.8E+02	8.8E+02	6.4E+06	3.5E+02					
2.2E+01	I	6.3E-03	C						1	0.1		1.4E+09		Nitrosomethylethylamine, N-	10595-95-6	1.3E-01	2.0E-01	2.6E+03	7.8E-02					
6.7E+00	C	1.9E-03	C						1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	4.3E-01	6.5E-01	8.8E+03	2.6E-01					
9.4E+00	C	2.7E-03	C						1	0.1		1.4E+09		Nitrosopiperidine [N-]	100-75-4	3.0E-01	4.6E-01	6.2E+03	1.8E-01					
2.1E+00	I	6.1E-04	I						1	0.1		1.4E+09		Nitrosopyrrolidine, N-	930-55-2	1.4E+00	2.1E+00	2.7E+04	8.2E-01					
2.2E-01	P			1.0E-04	X				1	0.1		1.4E+09		Nitrotoluene, m-	99-08-1					1.0E+02	1.5E+02		6.2E+01	
1.6E-02	P			9.0E-04	P			V	1		1.5E+03	1.4E+09	1.5E+05	Nitrotoluene, o-	88-72-2	1.3E+01			1.3E+01	9.2E+02		9.2E+02		
				4.0E-03	P				1	0.1		1.4E+09		Nitrotoluene, p-	99-99-0	1.8E+02	2.7E+02		1.1E+02	4.1E+03	6.2E+03		2.5E+03	
				3.0E-04	X	2.0E-01	P	V	1		6.9E+00	1.4E+09	1.1E+03	Nonane, n-	111-84-2					3.1E+02		9.8E+02	2.3E+02	
				4.0E-02	I				1	0.1		1.4E+09		Norflurazon	27314-13-2					4.1E+04	6.2E+04		2.5E+04	
				7.0E-04	I				1	0.1		1.4E+09		Nustar	85509-19-9					7.2E+02	1.1E+03		4.3E+02	
				3.0E-03	I				1	0.1		1.4E+09		Octabromodiphenyl Ether	32536-52-0					3.1E+03	4.6E+03		1.8E+03	
				5.0E-02	I				1	0.006		1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.1E+04	1.3E+06		4.9E+04	
				2.0E-03	H				1	0.1		1.4E+09		Octamethylpyrophosphoramidate	152-16-9					2.0E+03	3.1E+03		1.2E+03	
				5.0E-02	I				1	0.1		1.4E+09		Oryzalin	19044-88-3					5.1E+04	7.7E+04		3.1E+04	
				5.0E-03	I				1	0.1		1.4E+09		Oxadiazon	19666-30-9					5.1E+03	7.7E+03		3.1E+03	
				2.5E-02	I				1	0.1		1.4E+09		Oxamyl	23135-22-0					2.6E+04	3.9E+04		1.5E+04	
				1.3E-02	I				1	0.1		1.4E+09		Paclobutrazol	76738-62-0					1.3E+04	2.0E+04		8.0E+03	
				4.5E-03	I				1	0.1		1.4E+09		Paraquat Dichloride	1910-42-5					4.6E+03	7.0E+03		2.8E+03	
				6.0E-03	H				1	0.1		1.4E+09		Parathion	56-38-2					6.1E+03	9.3E+03		3.7E+03	
				5.0E-02	H				1	0.1		1.4E+09		Pebulate	1114-71-2					5.1E+04	7.7E+04		3.1E+04	
				4.0E-02	I				1	0.1		1.4E+09		Pendimethalin	40487-42-1					4.1E+04	6.2E+04		2.5E+04	
				2.0E-03	I				1	0.1		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					2.0E+03	3.1E+			

Regional Screening Level (RSL) Industrial Soil Table April 2012

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																									
Toxicity and Chemical-specific Information														Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)		
2.2E-03	C	6.3E-07	C	5.0E-02	I				1	0.1	1.4E+09			Permethrin	52645-53-1	1.3E+03	2.0E+03	2.6E+07	7.8E+02	5.1E+04	7.7E+04		3.1E+04		
				2.5E-01	I				1	0.1	1.4E+09			Phenacetin	62-44-2										
				3.0E-01	I	2.0E-01	C		1	0.1	1.4E+09			Phenmedipham	13684-63-4					2.6E+05	3.9E+05		1.5E+05		
				5.0E-04	X				1	0.1	1.4E+09			Phenol	108-95-2					3.1E+05	4.6E+05	1.2E+09	1.8E+05		
									1	0.1	1.4E+09			Phenothiazine	92-84-2					5.1E+02	7.7E+02		3.1E+02		
4.7E-02	H			6.0E-03	I				1	0.1	1.4E+09			Phenylenediamine, m-	108-45-2	6.1E+01	9.2E+01		3.7E+01	6.1E+03	9.3E+03		3.7E+03		
									1	0.1	1.4E+09			Phenylenediamine, o-	95-54-5										
				1.9E-01	H				1	0.1	1.4E+09			Phenylenediamine, p-	106-50-3					1.9E+05	2.9E+05		1.2E+05		
1.9E-03	H			2.0E-04	H				1	0.1	1.4E+09			Phenylphenol, 2-	90-43-7	1.5E+03	2.2E+03		8.9E+02	2.0E+02	3.1E+02		1.2E+02		
						3.0E-04	I	V	1		1.6E+03	1.4E+09	1.1E+03	Phorate	298-02-2							1.4E+00	1.4E+00		
				2.0E-02	I				1	0.1	1.4E+09			Phosgene	75-44-5								1.2E+04		
														Phosmet	732-11-6					2.0E+04	3.1E+04		1.2E+04		
				4.9E+01	P				1		1.4E+09			Phosphates, Inorganic						5.0E+07			5.0E+07		
														~Aluminum metaphosphate	13776-88-0								5.0E+07		
				4.9E+01	P				1		1.4E+09			~Ammonium polyphosphate	68333-79-9					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Calcium pyrophosphate	7790-76-3					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Diammonium phosphate	7783-28-0					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Dicalcium phosphate	7757-93-9					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Dimagnesium phosphate	7782-75-4					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Dipotassium phosphate	7758-11-4					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Disodium phosphate	7558-79-4					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Monoaluminum phosphate	13530-50-2					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Monoammonium phosphate	7722-76-1					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Monocalcium phosphate	7758-23-8					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Monomagnesium phosphate	7757-86-0					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Monopotassium phosphate	7778-77-0					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Monosodium phosphate	7558-80-7					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Polyphosphoric acid	8017-16-1					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Potassium triphosphate	13845-36-8					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium acid pyrophosphate	7758-16-9					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium aluminum phosphate (acidic)	7785-88-8					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium aluminum phosphate (anhydrous)	10279-59-1					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium hexametaphosphate	10124-56-8					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium polyphosphate	68915-31-1					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium trimetaphosphate	7785-84-4					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Sodium triphosphate	7758-29-4					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Tetrapotassium phosphate	7320-34-5					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Tetrasodium pyrophosphate	7722-88-5					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Tricalcium phosphate	7758-87-4					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Trimagnesium phosphate	7757-87-1					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Tripotassium phosphate	7778-53-2					5.0E+07			5.0E+07		
				4.9E+01	P				1		1.4E+09			~Trisodium phosphate	7601-54-9					5.0E+07			5.0E+07		
				3.0E-04	I	3.0E-04	I		1		1.4E+09			Phosphine	7803-51-2					3.1E+02		1.8E+06	3.1E+02		
				4.9E+01	P	1.0E-02	I		1		1.4E+09			Phosphoric Acid	7664-38-2					5.0E+07		6.0E+07	2.7E+07		
				2.0E-05	I				1		1.4E+09			Phosphorus, White	7723-14-0					2.0E+01			2.0E+01		
				1.0E+00	H				1	0.1	1.4E+09			Phthalic Acid, P-	100-21-0					1.0E+06	1.5E+06		6.2E+05		
				2.0E+00	I	2.0E-02	C		1	0.1	1.4E+09			Phthalic Anhydride	85-44-9					2.0E+06	3.1E+06	1.2E+08	1.2E+06		
				7.0E-02	I				1	0.1	1.4E+09			Picloram	1918-02-1					7.2E+04	1.1E+05		4.3E+04		
				1.0E-04	X				1	0.1	1.4E+09			Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.0E+02	1.5E+02		6.2E+01		
				1.0E-02	I				1	0.1	1.4E+09			Pirimiphos, Methyl	29232-93-7					1.0E+04	1.5E+04		6.2E+03		
3.0E+01	C	8.6E-03	C	7.0E-06	H				1	0.1	1.4E+09			Polybrominated Biphenyls	59536-65-1	9.5E-02	1.4E-01	1.9E+03	5.7E-02	7.2E+00	1.1E+01		4.3E+00		
														Polychlorinated Biphenyls (PCBs)											
				7.0E-02	S	2.0E-05	S		1	0.14	1.4E+09			~Aroclor 1016	12674-11-2	4.1E+01	4.4E+01	8.3E+05	2.1E+01	7.2E+01	7.7E+01		3.7E+01		
2.0E+00	S	5.7E-04	S					V	1	0.14	7.6E+02	1.4E+09	9.2E+04	~Aroclor 1221	11104-28-2	1.4E+00	1.5E+00	2.0E+00	5.4E-01						
2.0E+00	S	5.7E-04	S						1	0.14	7.3E+01	1.4E+09	9.2E+04	~Aroclor 1232	11141-16-5	1.4E+00	1.5E+00	2.0E+00	5.4E-01						
2.0E+00	S	5.7E-04	S						1	0.14	1.4E+09			~Aroclor 1242	53469-21-9	1.4E+00	1.5E+00	2.9E+04	7.4E-01						
2.0E+00	S	5.7E-04	S						1	0.14	1.4E+09			~Aroclor 1248	12672-29-6	1.4E+00	1.5E+00	2.9E+04	7.4E-01						
2.0E+00	S	5.7E-04	S	2.0E-05	I				1	0.14	1.4E+09			~Aroclor 1254	11097-69-1	1.4E+00	1.5E+00	2.9E+04	7.4E-01	2.0E+01	2.2E+				

Regional Screening Level (RSL) Industrial Soil Table April 2012

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																								
Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC ₁ (mg/m ³)	k _e y	o c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E			1	0.14		1.4E+09		*Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	7.3E-04	7.9E-04	1.5E+01	3.8E-04	3.4E-02	3.7E-02	7.9E+03	1.8E-02
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		*Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		*Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		*Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		1.4E+09		*Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E			1	0.14		1.4E+09		*Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	2.2E-04	2.4E-04	4.4E+00	1.1E-04	1.0E-02	1.1E-02	2.4E+03	5.3E-03
2.0E+00	I	5.7E-04	I							1	0.14		1.4E+09		*Polychlorinated Biphenyls (high risk)	1336-36-3	1.4E+00	1.5E+00	2.9E+04	7.4E-01				
4.0E-01	I	1.0E-04	I							1	0.14		1.4E+09		*Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I							1	0.14		1.4E+09		*Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E			1	0.14		1.4E+09		*Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.2E-01	2.4E-01	4.4E+03	1.1E-01	1.0E+01	1.1E+01	2.4E+06	5.3E+00
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E			1	0.14		1.4E+09		*Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	7.3E-02	7.9E-02	1.5E+03	3.8E-02	3.4E+00	3.7E+00	7.9E+05	1.8E+00
						6.0E-04	I			1	0.1		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+06	3.6E+06
Polynuclear Aromatic Hydrocarbons (PAHs)																								
		6.0E-02	I				V			1	0.13		1.4E+09	1.5E+05	*Acenaphthene	83-32-9					6.1E+04	7.1E+04		3.3E+04
		3.0E-01	I				V			1	0.13		1.4E+09	5.6E+05	*Anthracene	120-12-7					3.1E+05	3.6E+05		1.7E+05
7.3E-01	E	1.1E-04	C					M		1	0.13		1.4E+09		*Benz[a]anthracene	56-55-3	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		*Benzo[j]fluoranthene	205-82-3	2.4E+00	2.8E+00	1.5E+05	1.3E+00				
7.3E+00	I	1.1E-03	C					M		1	0.13		1.4E+09		*Benzo[a]pyrene	50-32-8	3.9E-01	4.6E-01	1.5E+04	2.1E-01				
7.3E-01	E	1.1E-04	C					M		1	0.13		1.4E+09		*Benzo[b]fluoranthene	205-99-2	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
7.3E-02	E	1.1E-04	C					M		1	0.13		1.4E+09		*Benzo[k]fluoranthene	207-08-9	3.9E+01	4.6E+01	1.5E+05	2.1E+01				
7.3E-03	E	1.1E-05	C					M		1	0.13		1.4E+09		*Chrysene	218-01-9	3.9E+02	4.6E+02	1.5E+06	2.1E+02				
7.3E+00	E	1.2E-03	C					M		1	0.13		1.4E+09		*Dibenz[a,h]anthracene	53-70-3	3.9E-01	4.6E-01	1.4E+04	2.1E-01				
1.2E+01	C	1.1E-03	C							1	0.13		1.4E+09		*Dibenzo[a,e]pyrene	192-65-4	2.4E-01	2.8E-01	1.5E+04	1.3E-01				
2.5E+02	C	7.1E-02	C					M		1	0.13		1.4E+09		*Dimethylbenz[a]anthracene, 7,12-	57-97-6	1.1E-02	1.3E-02	2.3E+02	6.2E-03				
				4.0E-02	I					1	0.13		1.4E+09		*Fluoranthene	206-44-0					4.1E+04	4.8E+04		2.2E+04
7.3E-01	E	1.1E-04	C					V		1	0.13		1.4E+09	3.0E+05	*Fluorene	86-73-7					4.1E+04	4.8E+04		2.2E+04
								M		1	0.13		1.4E+09		*Indeno[1,2,3-cd]pyrene	193-39-5	3.9E+00	4.6E+00	1.5E+05	2.1E+00				
2.9E-02	P			7.0E-02	A		V			1	0.13	3.9E+02	1.4E+09	6.3E+04	*Methylnaphthalene, 1-	90-12-0	9.9E+01	1.2E+02		5.3E+01	7.2E+04	8.3E+04		3.9E+04
				4.0E-03	I		V			1	0.13	3.7E+02	1.4E+09	6.2E+04	*Methylnaphthalene, 2-	91-57-6					4.1E+03	4.8E+03		2.2E+03
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		1.4E+09	5.0E+04	*Naphthalene	91-20-3			1.8E+01	1.8E+01	2.0E+04	2.4E+04	6.6E+02	6.2E+02
1.2E+00	C	1.1E-04	C							1	0.13		1.4E+09		*Nitropyrene, 4-	57835-92-4	2.4E+00	2.8E+00	1.5E+05	1.3E+00				
1.5E-01	I			3.0E-02	I		V			1	0.13		1.4E+09	2.6E+06	*Pyrene	129-00-0					3.1E+04	3.6E+04		1.7E+04
				9.0E-03	I					1	0.1		1.4E+09		Prochloraz	67747-09-5	1.9E+01	2.9E+01		1.1E+01	9.2E+03	1.4E+04		5.5E+03
				6.0E-03	H					1	0.1		1.4E+09		Profluralin	26399-36-0					6.1E+03	9.3E+03		3.7E+03
				1.5E-02	I					1	0.1		1.4E+09		Prometon	1610-18-0					1.5E+04	2.3E+04		9.2E+03
				4.0E-03	I					1	0.1		1.4E+09		Prometryn	7287-19-6					4.1E+03	6.2E+03		2.5E+03
				1.3E-02	I					1	0.1		1.4E+09		Propachlor	1918-16-7					1.3E+04	2.0E+04		8.0E+03
				5.0E-03	I					1	0.1		1.4E+09		Propanil	709-98-8					5.1E+03	7.7E+03		3.1E+03
				2.0E-02	I					1	0.1		1.4E+09		Propargite	2312-35-8					2.0E+04	3.1E+04		1.2E+04
				2.0E-03	I					1	0.1		1.4E+09		Propargyl Alcohol	107-19-7					2.0E+03	3.1E+03		1.2E+03
				2.0E-02	I					1	0.1		1.4E+09		Propazine	139-40-2					2.0E+04	3.1E+04		1.2E+04
				2.0E-02	I					1	0.1		1.4E+09		Propham	122-42-9					2.0E+04	3.1E+04		1.2E+04
				1.3E-02	I					1	0.1		1.4E+09		Propiconazole	60207-90-1					1.3E+04	2.0E+04		8.0E+03
						8.0E-03	I	V		1		3.3E+04	1.4E+09	9.6E+03	Propionaldehyde	123-38-6							3.4E+02	3.4E+02
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	1.4E+09	7.5E+03	Propyl benzene	103-65-1					1.0E+05	1.5E+05	3.3E+04	2.1E+04
						3.0E+00	C	V		1	0.1	3.5E+02	1.4E+09	7.6E+02	Propylene	115-07-1							1.0E+04	1.0E+04
				2.0E+01	P					1	0.1		1.4E+09		Propylene Glycol	57-55-6					2.0E+07	3.1E+07		1.2E+07
						2.7E-04	A			1	0.1		1.4E+09		Propylene Glycol Dinitrate	6423-43-4							1.6E+06	1.6E+06
				7.0E-01	H					1	0.1		1.4E+09		Propylene Glycol Monoethyl Ether	1569-02-4					7.2E+05	1.1E+06		4.3E+05
2.4E-01	I	3.7E-06	I																					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information														Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	vo c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)			
				9.0E-02	I					1	0.1		1.4E+09		Sethoxydim	74051-80-2					9.2E+04	1.4E+05		5.5E+04			
						3.0E-03	C			1			1.4E+09		Silica (crystalline, respirable)	7631-86-9							1.8E+07				
1.2E-01	H			5.0E-03	I					0.04			1.4E+09		Silver	7440-22-4					5.1E+03			5.1E+03			
				5.0E-03	I					1	0.1		1.4E+09		Simazine	122-34-9	2.4E+01	3.6E+01		1.4E+01	5.1E+03	7.7E+03		3.1E+03			
				1.3E-02	I					1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.3E+04	2.0E+04		8.0E+03			
				4.0E-03	I					1			1.4E+09		Sodium Azide	26628-22-8					4.1E+03			4.1E+03			
2.7E-01	H			3.0E-02	I					1	0.1		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	1.1E+01	1.6E+01		6.4E+00	3.1E+04	4.6E+04		1.8E+04			
				5.0E-02	A	1.3E-02	C			1			1.4E+09		Sodium Fluoride	7681-49-4					5.1E+04		7.7E+07	5.1E+04			
				2.0E-05	I					1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					2.0E+01	3.1E+01		1.2E+01			
				1.0E-03	H					1			1.4E+09		Sodium Metavanadate	13718-26-8					1.0E+03			1.0E+03			
2.4E-02	H			3.0E-02	I					1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	1.2E+02	1.8E+02		7.2E+01	3.1E+04	4.6E+04		1.8E+04			
				6.0E-01	I					1			1.4E+09		Strontium, Stable	7440-24-6					6.1E+05			6.1E+05			
				3.0E-04	I					1	0.1		1.4E+09		Strychnine	57-24-9					3.1E+02	4.6E+02		1.8E+02			
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	1.4E+09	1.0E+04	Styrene	100-42-5					2.0E+05		4.4E+04	3.6E+04			
				1.0E-03	P	2.0E-03	P			1	0.1		1.4E+09		Sulfolane	126-33-0					1.0E+03	1.5E+03	1.2E+07	6.2E+02			
				8.0E-04	P					1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					8.2E+02	1.2E+03		4.9E+02			
						1.0E-03	C			1			1.4E+09		Sulfuric Acid	7664-93-9							6.0E+06	6.0E+06			
				2.5E-02	I					1	0.1		1.4E+09		Systhane	88671-89-0					2.6E+04	3.9E+04		1.5E+04			
				3.0E-02	H					1	0.1		1.4E+09		TCMTB	21564-17-0					3.1E+04	4.6E+04		1.8E+04			
				7.0E-02	I					1	0.1		1.4E+09		Tebuthiuron	34014-18-1					7.2E+04	1.1E+05		4.3E+04			
				2.0E-02	H					1	0.1		1.4E+09		Temephos	3383-96-8					2.0E+04	3.1E+04		1.2E+04			
				1.3E-02	I					1	0.1		1.4E+09		Terbacil	5902-51-2					1.3E+04	2.0E+04		8.0E+03			
				2.5E-05	H					1	0.1		1.4E+09		Terbufos	13071-79-9					2.6E+01	3.9E+01		1.5E+01			
				1.0E-03	I					1	0.1		1.4E+09		Terbutryn	886-50-0					1.0E+03	1.5E+03		6.2E+02			
				1.0E-04	I					1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					1.0E+02	1.5E+02		6.2E+01			
				3.0E-04	I					1	0.1		1.4E+09		Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.1E+02	4.6E+02		1.8E+02			
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	1.4E+09	6.1E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	1.1E+02		1.0E+01	9.3E+00	3.1E+04			3.1E+04			
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	1.4E+09	1.6E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	1.4E+01		3.4E+00	2.8E+00	2.0E+04			2.0E+04			
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		1		1.7E+02	1.4E+09	2.5E+03	Tetrachloroethylene	127-18-4	1.4E+03		1.2E+02	1.1E+02	6.1E+03		4.4E+02	4.1E+02			
				3.0E-02	I					1	0.1		1.4E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					3.1E+04	4.6E+04		1.8E+04			
2.0E+01	H									1	0.1		1.4E+09		Tetrachlorotoluene, p- alpha, alpha-	5216-25-1	1.4E-01	2.2E-01		8.6E-02							
				5.0E-04	I					1	0.1		1.4E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					5.1E+02	7.7E+02		3.1E+02			
						8.0E+01	I	V		1		1.1E+03	1.4E+09	1.3E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2							4.6E+05	4.6E+05			
				4.0E-03	P					1	0.1		1.4E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.1E+03	6.2E+03		2.5E+03			
				1.0E-05	X					1			1.4E+09		Thallium (Soluble Salts)	7440-28-0					1.0E+01			1.0E+01			
				1.0E-02	I					1	0.1		1.4E+09		Thiobencarb	28249-77-6					1.0E+04	1.5E+04		6.2E+03			
				7.0E-02	X					1	0.008		1.4E+09		Thiodiglycol	111-48-8					7.2E+04	1.4E+06		6.8E+04			
				3.0E-04	H					1	0.1		1.4E+09		Thiofanox	39196-18-4					3.1E+02	4.6E+02		1.8E+02			
				8.0E-02	I					1	0.1		1.4E+09		Thiophanate, Methyl	23564-05-8					8.2E+04	1.2E+05		4.9E+04			
				5.0E-03	I					1	0.1		1.4E+09		Thiram	137-26-8					5.1E+03	7.7E+03		3.1E+03			
				6.0E-01	H					1			1.4E+09		Tin	7440-31-5					6.1E+05			6.1E+05			
						1.0E-04	A			1			1.4E+09		Titanium Tetrachloride	7550-45-0							6.0E+05	6.0E+05			
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	1.4E+09	4.6E+03	Toluene	108-88-3					8.2E+04		1.0E+05	4.5E+04			
1.8E-01	X			1.0E-04	X					1	0.1		1.4E+09		Toluene-2,5-diamine	95-70-5	1.6E+01	2.4E+01		9.6E+00	1.0E+02	1.5E+02		6.2E+01			
1.9E-01	H									1	0.1		1.4E+09		Toluidine, p-	106-49-0	1.5E+01	2.3E+01		9.1E+00							
1.1E+00	I	3.2E-04	I							1	0.1		1.4E+09		Toxaphene	8001-35-2	2.6E+00	3.9E+00	5.2E+04	1.6E+00							
				7.5E-03	I					1	0.1		1.4E+09		Tralometrin	66841-25-6					7.7E+03	1.2E+04		4.6E+03			
				3.0E-04	A					1	0.1		1.4E+09		Tri-n-butyltin	688-73-3					3.1E+02	4.6E+02		1.8E+02			
				1.3E-02	I					1	0.1		1.4E+09		Triallate	2303-17-5					1.3E+04	2.0E+04		8.0E+03			
				1.0E-02	I					1	0.1		1.4E+09		Triasulfuron	82097-50-5					1.0E+04	1.5E+04		6.2E+03			
				5.0E-03	I					1	0.1		1.4E+09		Tribromobenzene, 1,2,4-	615-54-3					5.1E+03	7.7E+03		3.1E+03			
9.0E-03	P			1.0E-02	P					1	0.1		1.4E+09		Tributyl Phosphate	126-73-8	3.2E+02	4.8E+02		1.9E+02	1						

Regional Screening Level (RSL) Industrial Soil Table April 2012

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																										
Toxicity and Chemical-specific Information															Contaminant			Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v _o c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)		
1.1E-02	I	3.1E-06	I	1.0E-03 1.0E-02	P					1 1	0.1 0.1	1.4E+09 1.4E+09			Trichlorophenol, 2,4,6- Trichlorophenoxyacetic Acid, 2,4,5-	88-06-2 93-76-5	2.6E+02 3.9E+02		5.4E+06 1.6E+02		1.0E+03 1.0E+04	1.5E+03 1.5E+04		6.2E+02 6.2E+03		
				8.0E-03 5.0E-03 4.0E-03	I I I				V	1 1 1		1.3E+03 1.4E+03 1.4E+03	1.4E+09 1.4E+09 1.7E+04	1.6E+04	Trichlorophenoxypropionic acid, -2,4,5 Trichloropropane, 1,1,2- Trichloropropane, 1,2,3-	93-72-1 598-77-6 96-18-4					8.2E+03 5.1E+03 4.1E+03	1.2E+04		4.9E+03 5.1E+03 2.2E+01		
3.0E+01	I			3.0E-03 3.0E-03	X I	3.0E-04 7.0E-03	P I	V V		1 1		4.5E+02 2.8E+04	1.4E+09 1.4E+09	2.5E+03 1.7E+04	Trichloropropene, 1,2,3- Tridiphenylamine Triethylamine	96-19-5 58138-08-2 121-44-8					3.1E+03 3.1E+03		3.3E+00 4.6E+03	3.3E+00 1.8E+03		
7.7E-03 2.0E-02	I P			7.5E-03 1.0E-02	I P					1 1	0.1 0.1	1.4E+09 1.4E+09			Trifluralin Trimethyl Phosphate Trimethylbenzene, 1,2,3-	1582-09-8 512-56-1 526-73-8	3.7E+02 1.4E+02	5.6E+02 2.2E+02		2.2E+02 8.6E+01	7.7E+03 1.0E+04	1.2E+04 1.5E+04		4.6E+03 6.2E+03 2.2E+02		
				1.0E-02 3.0E-02	X I	7.0E-03	P I	V V		1 1		2.2E+02 1.8E+02	1.4E+09 1.4E+09	8.5E+03 7.1E+03	Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5- Trinitrobenzene, 1,3,5-	95-63-6 108-67-8 99-35-4					1.0E+04 3.1E+04		2.4E+05	1.0E+04 2.7E+04		
3.0E-02 2.0E-02	I P			5.0E-04 2.0E-02 7.0E-03	I P P					1 1 1	0.032 0.1 0.1	1.4E+09 1.4E+09 1.4E+09			Trinitrotoluene, 2,4,6- Triphenylphosphine Oxide Tris(2-chloroethyl)phosphate	118-96-7 791-28-6 115-96-8	9.5E+01 1.4E+02	4.5E+02 2.2E+02		7.9E+01 8.6E+01	5.1E+02 2.0E+04 7.2E+03	2.4E+03 3.1E+04 1.1E+04		4.2E+02 1.2E+04 4.3E+03		
3.2E-03 1.0E+00	P C			1.0E-01 3.0E-03	P I					1 1	0.1 0.1	1.4E+09 1.4E+09			Tris(2-ethylhexyl)phosphate Uranium (Soluble Salts) Urethane	78-42-2 NA 51-79-6	8.9E+02 2.9E+00	1.4E+03 4.3E+00		5.4E+02 1.7E+00	1.0E+05 3.1E+03	1.5E+05		6.2E+04 3.1E+03		
8.3E-03	P			9.0E-03 5.0E-03 1.0E-03	I S I	7.0E-06	P			0.026 1 1		1.4E+09 1.4E+09 1.4E+09			Vanadium Pentoxide Vanadium and Compounds Vernolate	1314-62-1 NA 1929-77-7			2.0E+03 2.0E+03		9.2E+03 5.2E+03 1.0E+03		4.2E+04 5.2E+03 1.5E+03	7.5E+03 5.2E+03 6.2E+02		
				2.5E-02 1.0E+00	I H					1 1	0.1	1.4E+09 2.8E+03	1.4E+09 1.4E+09	1.0E+03 4.7E+03	Vinclozolin Vinyl Acetate Vinyl Bromide	50471-44-8 108-05-4 593-60-2					2.6E+04 1.0E+06	3.9E+04		1.5E+04 4.1E+03 1.9E+01		
7.2E-01	I	4.4E-06	I	3.0E-03 3.0E-04 2.0E-01	I I S	1.0E-01 1.0E-01 1.0E-01	I I S	V V V		1 1 1		3.9E+03 1.4E+09 3.9E+02	1.4E+09 1.4E+09 1.4E+09	1.0E+03 1.0E+03 6.0E+03	Vinyl Chloride Warfarin Xylene, P-	75-01-4 81-81-2 106-42-3	4.0E+00		2.9E+00 1.7E+00		3.1E+03 3.1E+02 2.0E+05		4.5E+02 4.6E+02	3.9E+02 1.8E+02 2.6E+03		
				2.0E-01 2.0E-01 2.0E-01	S S I	1.0E-01 1.0E-01 1.0E-01	S S I	V V V		1 1 1		3.9E+02 4.3E+02 2.6E+02	1.4E+09 1.4E+09 1.4E+09	5.9E+03 7.0E+03 6.3E+03	Xylene, m- Xylene, o- Xylenes	108-38-3 95-47-6 1330-20-7					2.0E+05 2.0E+05 2.0E+05		2.6E+03 3.0E+03 2.7E+03	2.5E+03 3.0E+03 2.7E+03		
				3.0E-04 3.0E-01 5.0E-02	I I I					1 1 1		1.4E+09 1.4E+09 1.4E+09			Zinc Phosphide Zinc and Compounds Zineb	1314-84-7 7440-66-6 12122-67-7					3.1E+02 3.1E+05 5.1E+04		7.7E+04	3.1E+02 3.1E+05 3.1E+04		