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Toxicity and Chemical-specific Information														Contaminant		Removal Levels						
SFO $(mg/kg\text{-}day)^{-1}$	key	IUR $(ug/m^3)^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
8.70E-03	I			4.00E-03	I					1	0.1		Acephate	30560-19-1	2.50E+02	n	3.30E+03	n	8.00E+01	n	
		2.20E-06	I			9.00E-03	I	V		1		1.07E+05	Acetaldehyde	75-07-0	8.20E+01	n	3.40E+02	n	1.90E+01	n	
				2.00E-02	I					1	0.1		Acetochlor	34256-82-1	1.30E+03	n	1.60E+04	n	3.50E+02	n	
				9.00E-01	I	3.10E+01	A	V		1		1.14E+05	Acetone	67-64-1	6.10E+04	n	6.70E+05	nms	1.40E+04	n	
						2.00E-03	X			1	0.1		Acetone Cyanohydrin	75-86-5	2.80E+06	nm	1.20E+07	nm			
						6.00E-02	I	V		1		1.28E+05	Acetonitrile	75-05-8	8.10E+02	n	3.40E+03	n	1.30E+02	n	
				1.00E-01	I			V		1		2.52E+03	Acetophenone	98-86-2	7.80E+03	ns	1.20E+05	nms	1.90E+03	n	
3.80E+00	C	1.30E-03	C							1	0.1		Acetylaminofluorene, 2-	53-96-3	1.40E+01	c	6.00E+01	c	1.60E+00	c	
				5.00E-04	I	2.00E-05	I	V		1		2.27E+04	Acrolein	107-02-8	1.40E-01	n	6.00E-01	n	4.20E-02	n	
5.00E-01	I	1.00E-04	I	2.00E-03	I	6.00E-03	I		M	1	0.1		Acrylamide	79-06-1	2.40E+01	c**	4.60E+02	c**	5.00E+00	c**	
				5.00E-01	I	1.00E-03	I	V		1		1.09E+05	Acrylic Acid	79-10-7	9.90E+01	n	4.20E+02	n	2.10E+00	n	
5.40E-01	I	6.80E-05	I	4.00E-02	A	2.00E-03	I	V		1		1.13E+04	Acrylonitrile	107-13-1	1.60E+01	n	6.70E+01	n	4.10E+00	n	
						6.00E-03	P			1	0.1		Adiponitrile	111-69-3	8.50E+06	nm	3.60E+07	nm			
5.60E-02	C			1.00E-02	I					1	0.1		Alachlor	15972-60-8	6.30E+02	n	4.10E+03	c**	1.10E+02	c**	2.0E+00
				1.00E-03	I					1	0.1		Aldicarb	116-06-3	6.30E+01	n	8.20E+02	n	2.00E+01	n	3.0E+00
				1.00E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.30E+01	n	8.20E+02	n	2.00E+01	n	2.0E+00
										1	0.1		Aldicarb sulfoxide	1646-87-3							4.0E+00
1.70E+01	I	4.90E-03	I	3.00E-05	I			V		1			Aldrin	309-00-2	2.30E+00	n	1.80E+01	c**	9.20E-02	c**	
				5.00E-03	I	1.00E-04	X	V		1		1.11E+05	Allyl Alcohol	107-18-6	3.50E+00	n	1.50E+01	n	2.10E-01	n	
2.10E-02	C	6.00E-06	C			1.00E-03	I	V		1		1.42E+03	Allyl Chloride	107-05-1	1.70E+00	n	6.90E+00	n	2.10E+00	n	
				1.00E+00	P	5.00E-03	P			1			Aluminum	7429-90-5	7.70E+04	n	1.10E+06	nm	2.00E+04	n	
				4.00E-04	I					1			Aluminum Phosphide	20859-73-8	3.10E+01	n	4.70E+02	n	8.00E+00	n	
				9.00E-03	I					1	0.1		Ametryn	834-12-8	5.70E+02	n	7.40E+03	n	1.50E+02	n	
2.10E+01	C	6.00E-03	C							1	0.1		Aminobiphenyl, 4-	92-67-1	2.60E+00	c	1.10E+01	c	3.00E-01	c	
				8.00E-02	P					1	0.1		Aminophenol, m-	591-27-5	5.10E+03	n	6.60E+04	n	1.60E+03	n	
				2.00E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				2.50E-03	I					1	0.1		Amitraz	33089-61-1	1.60E+02	n	2.10E+03	n	8.20E+00	n	
						1.00E-01	I	V		1			Ammonia	7664-41-7							
				2.00E-01	I					1			Ammonium Sulfamate	7773-06-0	1.60E+04	n	2.30E+05	nm	4.00E+03	n	
						3.00E-03	X	V		1		1.37E+04	Amyl Alcohol, tert-	75-85-4	8.20E+01	n	3.40E+02	n	6.30E+00	n	
5.70E-03	I	1.60E-06	C	7.00E-03	P	1.00E-03	I			1	0.1		Aniline	62-53-3	4.40E+02	n	5.70E+03	n	1.40E+02	n	
4.00E-02	P			2.00E-03	X					1	0.1		Anthraquinone, 9,10-	84-65-1	1.30E+02	n	1.60E+03	n	3.00E+01	n	
				4.00E-04	I					0.15			Antimony (metallic)	7440-36-0	3.10E+01	n	4.70E+02	n	7.80E+00	n	6.0E+00
				5.00E-04	H					0.15			Antimony Pentoxide	1314-60-9	3.90E+01	n	5.80E+02	n	9.70E+00	n	
				4.00E-04	H					0.15			Antimony Tetroxide	1332-81-6	3.10E+01	n	4.70E+02	n	7.80E+00	n	
						2.00E-04	I			0.15			Antimony Trioxide	1309-64-4	2.80E+05	nm	1.20E+06	nm			
1.50E+00	I	4.30E-03	I	3.00E-04	I	1.50E-05	C			1	0.03		Arsenic, Inorganic	7440-38-2	3.50E+01	nR	3.00E+02	c**R	5.20E+00	c**	1.0E+01
				3.50E-06	C	5.00E-05	I			1			Arsine	7784-42-1	2.70E-01	n	4.10E+00	n	7.00E-02	n	
				5.00E-02	I					1	0.1		Asulam	3337-71-1	3.20E+03	n	4.10E+04	n	1.00E+03	n	
2.30E-01	C			3.50E-02	I					1	0.1		Atrazine	1912-24-9	2.40E+02	c**	1.00E+03	c*	3.00E+01	c*	3.0E+00
8.80E-01	C	2.50E-04	C							1	0.1		Auramine	492-80-8	6.20E+01	c	2.60E+02	c	6.70E+00	c	
				4.00E-04	I					1	0.1		Avermectin B1	65195-55-3	2.50E+01	n	3.30E+02	n	8.00E+00	n	
				3.00E-03	A	1.00E-02	A			1	0.1		Azinphos-methyl	86-50-0	1.90E+02	n	2.50E+03	n	5.60E+01	n	
1.10E-01	I	3.10E-05	I					V		1			Azobenzene	103-33-3	5.60E+02	c	2.60E+03	c	1.20E+01	c	
				1.00E+00	P	7.00E-06	P			1	0.1		Azodicarbonamide	123-77-3	8.60E+03	n	4.00E+04	n	2.00E+04	n	
				2.00E-01	I	5.00E-04	H			0.07			Barium	7440-39-3	1.50E+04	n	2.20E+05	nm	3.80E+03	n	2.0E+03
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Barium Chromate	10294-40-3	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
				3.00E-01	I			V		1			Benfluralin	1861-40-1	2.30E+04	n	3.50E+05	nm	1.70E+03	n	
				5.00E-02	I					1	0.1		Benomyl	17804-35-2	3.20E+03	n	4.10E+04	n	9.70E+02	n	
				2.00E-01	I					1	0.1		Bensulfuron-methyl	83055-99-6	1.30E+04	n	1.60E+05	nm	3.90E+03	n	
				3.00E-02	I					1	0.1		Bentazon	25057-89-0	1.90E+03	n	2.50E+04	n	5.70E+02	n	
4.00E-03	P			1.00E-01	I			V		1		1.16E+03	Benzaldehyde	100-52-7	7.80E+03	ns	8.20E+04	c**s	1.90E+03	c**	
5.50E-02	I	7.80E-06	I	4.00E-03	I	3.00E-02	I	V		1		1.82E+03	Benzene	71-43-2	8.20E+01	n	4.20E+02	n	3.30E+01	n	5.0E+00
1.00E-01	X			3.00E-04	X					1	0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	1.90E+01	n	2.50E+02	n	6.00E+00	n	
				1.00E-03	P			V		1		1.26E+03	Benzenethiol	108-98-5	7.80E+01	n	1.20E+03	n	1.70E+01	n	

RML
THQ=1.0

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2.30E+02	I	6.70E-02	I	3.00E-03	I				M	1	0.1					Benzidine	92-87-5	5.30E-02	c	1.00E+00	c	1.10E-02	c	
				4.00E+00	I					1	0.1					Benzoic Acid	65-85-0	2.50E+05	nm	3.30E+06	nm	7.50E+04	n	
1.30E+01	I							V		1		3.24E+02				Benzotrichloride	98-07-7	5.30E+00	c	2.50E+01	c	3.00E-01	c	
				1.00E-01	P					1	0.1					Benzyl Alcohol	100-51-6	6.30E+03	n	8.20E+04	n	2.00E+03	n	
1.70E-01	I	4.90E-05	C	2.00E-03	P	1.00E-03	P	V		1		1.46E+03				Benzyl Chloride	100-44-7	2.30E+01	n	1.10E+02	n	2.00E+00	n	
		2.40E-03	I	2.00E-03	I	2.00E-05	I			0.007						Beryllium and compounds	7440-41-7	1.60E+02	n	2.30E+03	n	2.50E+01	n	4.0E+00
				9.00E-03	P					1	0.1					Bifenox	42576-02-3	5.70E+02	n	7.40E+03	n	1.00E+02	n	
				1.50E-02	I					1	0.1					Biphenthrin	82657-04-3	9.50E+02	n	1.20E+04	n	3.00E+02	n	
8.00E-03	I			5.00E-01	I	4.00E-04	X	V		1						Biphenyl, 1,1'-	92-52-4	4.70E+01	n	2.00E+02	n	8.30E-01	n	
				4.00E-02	I			V		1		1.02E+03				Bis(2-chloro-1-methylethyl) ether	108-60-1	3.10E+03	ns	4.70E+04	ns	7.10E+02	n	
				3.00E-03	P					1	0.1					Bis(2-chloroethoxy)methane	111-91-1	1.90E+02	n	2.50E+03	n	5.90E+01	n	
1.10E+00	I	3.30E-04	I					V		1		5.05E+03				Bis(2-chloroethyl)ether	111-44-4	2.30E+01	c	1.00E+02	c	1.40E+00	c	
2.20E+02	I	6.20E-02	I					V		1		4.22E+03				Bis(chloromethyl)ether	542-88-1	8.30E-03	c	3.60E-02	c	7.20E-03	c	
				5.00E-02	I					1	0.1					Bisphenol A	80-05-7	3.20E+03	n	4.10E+04	n	7.70E+02	n	
				2.00E-01	I	2.00E-02	H			1						Boron And Borates Only	7440-42-8	1.60E+04	n	2.30E+05	nm	4.00E+03	n	
				2.00E+00	P	2.00E-02	P	V		1						Boron Trichloride	10294-34-5	1.60E+05	nm	2.30E+06	nm	4.20E+01	n	
				4.00E-02	C	1.30E-02	C	V		1						Boron Trifluoride	7637-07-2	3.10E+03	n	4.70E+04	n	2.60E+01	n	
7.00E-01	I			4.00E-03	I					1						Bromate	15541-45-4	9.90E+01	c**	4.70E+02	c*	1.10E+01	c**	1.0E+01
2.00E+00	X	6.00E-04	X					V		1		2.38E+03				Bromo-2-chloroethane, 1-	107-04-0	2.60E+00	c	1.10E+01	c	7.40E-01	c	
				8.00E-03	I	6.00E-02	I	V		1		6.79E+02				Bromobenzene	108-86-1	2.90E+02	n	1.80E+03	ns	6.20E+01	n	
						4.00E-02	X	V		1		4.04E+03				Bromochloromethane	74-97-5	1.50E+02	n	6.30E+02	n	8.30E+01	n	
6.20E-02	I	3.70E-05	C	2.00E-02	I			V		1		9.32E+02				Bromodichloromethane	75-27-4	2.90E+01	c*	1.30E+02	c	1.30E+01	c*	8.0E+01(F)
7.90E-03	I	1.10E-06	I	2.00E-02	I			V		1		9.15E+02				Bromoform	75-25-2	1.60E+03	ns	8.60E+03	c**s	3.30E+02	c**	8.0E+01(F)
				1.40E-03	I	5.00E-03	I	V		1		3.59E+03				Bromomethane	74-83-9	6.80E+00	n	3.00E+01	n	7.50E+00	n	
				5.00E-03	H			V		1						Bromophos	2104-96-3	3.90E+02	n	5.80E+03	n	3.50E+01	n	
				2.00E-02	I					1	0.1					Bromoxynil	1689-84-5	1.30E+03	n	1.60E+04	n	3.30E+02	n	
				2.00E-02	I			V		1						Bromoxynil Octanoate	1689-99-2	1.60E+03	n	2.30E+04	n	1.40E+02	n	
3.40E+00	C	3.00E-05	I			2.00E-03	I	V		1		6.67E+02				Butadiene, 1,3-	106-99-0	1.80E+00	n	7.60E+00	n	1.80E+00	c**	
				1.00E-01	I			V		1		7.64E+03				Butanol, N-	71-36-3	7.80E+03	ns	1.20E+05	nms	2.00E+03	n	
				2.00E+00	P	3.00E+01	P	V		1		2.13E+04				Butyl alcohol, sec-	78-92-2	1.30E+05	nms	1.50E+06	nms	2.40E+04	n	
				5.00E-02	I			V		1						Butylate	2008-41-5	3.90E+03	n	5.80E+04	n	4.60E+02	n	
2.00E-04	C	5.70E-08	C							1	0.1					Butylated hydroxyanisole	25013-16-5	2.70E+05	cm	1.10E+06	cm	1.50E+04	c	
3.60E-03	P			3.00E-01	P					1	0.1					Butylated hydroxytoluene	128-37-0	1.50E+04	c**	6.40E+04	c**	3.40E+02	c**	
				5.00E-02	P			V		1		1.08E+02				Butylbenzene, n-	104-51-8	3.90E+03	ns	5.80E+04	ns	1.00E+03	n	
				1.00E-01	X			V		1		1.45E+02				Butylbenzene, sec-	135-98-8	7.80E+03	ns	1.20E+05	nms	2.00E+03	n	
				1.00E-01	X			V		1		1.83E+02				Butylbenzene, tert-	98-06-6	7.80E+03	ns	1.20E+05	nms	6.90E+02	n	
				2.00E-02	A					1	0.1					Cacodylic Acid	75-60-5	1.30E+03	n	1.60E+04	n	4.00E+02	n	
		1.80E-03	I	1.00E-03	I	1.00E-05	A			0.025	0.001					Cadmium (Diet)	7440-43-9	7.10E+01	n	9.80E+02	n			
		1.80E-03	I	5.00E-04	I	1.00E-05	A			0.05	0.001					Cadmium (Water)	7440-43-9					9.20E+00	n	5.0E+00
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025						Calcium Chromate	13765-19-0	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
				5.00E-01	I	2.20E-03	C			1	0.1					Caprolactam	105-60-2	3.10E+04	n	4.00E+05	nm	9.90E+03	n	
1.50E-01	C	4.30E-05	C	2.00E-03	I					1	0.1					Captafol	2425-06-1	1.30E+02	n	1.50E+03	c**	3.20E+01	n	
2.30E-03	C	6.60E-07	C	1.30E-01	I					1	0.1					Captan	133-06-2	8.20E+03	n	1.00E+05	c**	2.40E+03	n	
				1.00E-01	I					1	0.1					Carbaryl	63-25-2	6.30E+03	n	8.20E+04	n	1.80E+03	n	
				5.00E-03	I					1	0.1					Carbofuran	1563-66-2	3.20E+02	n	4.10E+03	n	9.40E+01	n	4.0E+01
				1.00E-01	I	7.00E-01	I	V		1		7.38E+02				Carbon Disulfide	75-15-0	7.70E+02	ns	3.50E+03	ns	8.10E+02	n	
7.00E-02	I	6.00E-06	I	4.00E-03	I	1.00E-01	I	V		1		4.58E+02				Carbon Tetrachloride	56-23-5	6.50E+01	c**	2.90E+02	c**	4.60E+01	c**	5.0E+00
						1.00E-01	P	V		1		5.89E+03				Carbonyl Sulfide	463-58-1	6.70E+01	n	2.80E+02	n	2.10E+02	n	
				1.00E-02	I					1	0.1					Carbosulfan	55285-14-8	6.30E+02	n	8.20E+03	n	5.10E+01	n	
				1.00E-01	I					1	0.1					Carboxin	5234-68-4	6.30E+03	n	8.20E+04	n	1.90E+03	n	
						9.00E-04	I			1						Ceric oxide	1306-38-3	1.30E+06	nm	5.40E+06	nm			
				1.00E-01	I			V		1						Chloral Hydrate	302-17-0	7.80E+03	n	1.20E+05	nm	2.00E+03	n	
				1.50E-02	I					1	0.1					Chloramben	133-90-4	9.50E+02	n	1.20E+04	n	2.90E+02	n	
4.00E-01	H									1	0.1					Chloranil	118-75-2	1.30E+02	c	5.70E+02	c	1.80E+01	c	
3.50E-01	I	1.00E-04	I	5.00E-04	I	7.00E-04	I	V		1	0.04					Chlordane	12789-03-6	3.50E+01	n	4.50E+02	n	7.40E-01	n	2.0E+00

RML
THQ=1.0

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Toxicity and Chemical-specific Information																Contaminant		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
1.00E+01	I	4.60E-03	C	3.00E-04	I					1	0.1		Chlordecone (Kepone)	143-50-0	5.40E+00	c**	2.30E+01	c*	3.50E-01	c**	
				7.00E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.40E+01	n	5.70E+02	n	1.10E+01	n	
				2.00E-02	I					1	0.1		Chlorimuron, Ethyl-	90982-32-4	1.30E+03	n	1.60E+04	n	3.90E+02	n	
				1.00E-01	I	1.50E-04	A	V		1		2.78E+03	Chlorine	7782-50-5	1.80E-01	n	7.80E-01	n	3.00E-01	n	
				3.00E-02	I	2.00E-04	I	V		1			Chlorine Dioxide	10049-04-4	2.30E+03	n	3.40E+04	n	4.20E-01	n	
				3.00E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.30E+03	n	3.50E+04	n	6.00E+02	n	1.0E+03
						5.00E+01	I	V		1		1.15E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.40E+04	ns	2.30E+05	nms	1.00E+05	n	
		3.00E-04	I	2.00E-02	H	2.00E-02	I	V		1		7.86E+02	Chloro-1,3-butadiene, 2-	126-99-8	1.00E+00	c*	4.40E+00	c*	1.90E+00	c*	
4.60E-01	H									1	0.1		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.20E+02	c	5.00E+02	c	1.70E+01	c	
1.00E-01	P	7.70E-05	C	3.00E-03	X					1	0.1		Chloro-2-methylaniline, 4-	95-69-2	1.90E+02	n	2.30E+03	c**	5.40E+01	n	
2.70E-01	X							V		1		1.18E+04	Chloroacetaldehyde, 2-	107-20-0	2.60E+02	c	1.20E+03	c	2.90E+01	c	
										1	0.1		Chloroacetic Acid	79-11-8							6.0E+01
						3.00E-05	I			1	0.1		Chloroacetophenone, 2-	532-27-4	4.30E+04	n	1.80E+05	nm			
2.00E-01	P			4.00E-03	I					1	0.1		Chloroaniline, p-	106-47-8	2.50E+02	n	1.10E+03	c**	3.70E+01	c**	
				2.00E-02	I	5.00E-02	P	V		1		7.61E+02	Chlorobenzene	108-90-7	2.80E+02	n	1.30E+03	ns	7.80E+01	n	1.0E+02
1.10E-01	C	3.10E-05	C	2.00E-02	I					1	0.1		Chlorobenzilate	510-15-6	4.90E+02	c**	2.10E+03	c**	3.10E+01	c**	
				3.00E-02	X					1	0.1		Chlorobenzoic Acid, p-	74-11-3	1.90E+03	n	2.50E+04	n	5.10E+02	n	
				3.00E-03	P	3.00E-01	P	V		1		2.90E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.10E+02	n	2.50E+03	ns	3.50E+01	n	
				4.00E-02	P			V		1		7.28E+02	Chlorobutane, 1-	109-69-3	3.10E+03	ns	4.70E+04	ns	6.40E+02	n	
						5.00E+01	I	V		1		1.68E+03	Chlorodifluoromethane	75-45-6	4.90E+04	ns	2.10E+05	nms	1.00E+05	n	
				2.00E-02	P			V		1		1.11E+05	Chloroethanol, 2-	107-07-3	1.60E+03	n	2.30E+04	n	4.00E+02	n	
3.10E-02	C	2.30E-05	I	1.00E-02	I	9.80E-02	A	V		1		2.54E+03	Chloroform	67-66-3	3.20E+01	c**	1.40E+02	c**	2.20E+01	c**	8.0E+01(F)
						9.00E-02	I	V		1		1.32E+03	Chloromethane	74-87-3	1.10E+02	n	4.60E+02	n	1.90E+02	n	
2.40E+00	C	6.90E-04	C					V		1		9.32E+03	Chloromethyl Methyl Ether	107-30-2	2.00E+00	c	8.90E+00	c	6.50E-01	c	
3.00E-01	P			3.00E-03	P	1.00E-05	X			1	0.1		Chloronitrobenzene, o-	88-73-3	1.80E+02	c**	7.70E+02	c**	2.40E+01	c**	
6.00E-02	P			7.00E-04	P	2.00E-03	P			1	0.1		Chloronitrobenzene, p-	100-00-5	4.40E+01	n	5.70E+02	n	1.30E+01	n	
				5.00E-03	I			V		1		2.74E+04	Chlorophenol, 2-	95-57-8	3.90E+02	n	5.80E+03	n	9.10E+01	n	
						4.00E-04	C	V		1		6.17E+02	Chloropicrin	76-06-2	2.00E+00	n	8.20E+00	n	8.30E-01	n	
3.10E-03	C	8.90E-07	C	1.50E-02	I					1	0.1		Chlorothalonil	1897-45-6	9.50E+02	n	1.20E+04	n	2.60E+02	n	
				2.00E-02	I			V		1		9.07E+02	Chlorotoluene, o-	95-49-8	1.60E+03	ns	2.30E+04	ns	2.40E+02	n	
				2.00E-02	X			V		1		2.53E+02	Chlorotoluene, p-	106-43-4	1.60E+03	ns	2.30E+04	ns	2.50E+02	n	
2.40E+02	C	6.90E-02	C							1	0.1		Chlorozotocin	54749-90-5	2.30E-01	c	9.60E-01	c	3.20E-02	c	
				2.00E-01	I					1	0.1		Chlorpropham	101-21-3	1.30E+04	n	1.60E+05	nm	2.80E+03	n	
				1.00E-03	A					1	0.1		Chlorpyrifos	2921-88-2	6.30E+01	n	8.20E+02	n	8.40E+00	n	
				1.00E-02	H					1	0.1		Chlorpyrifos Methyl	5598-13-0	6.30E+02	n	8.20E+03	n	1.20E+02	n	
				5.00E-02	I					1	0.1		Chlorsulfuron	64902-72-3	3.20E+03	n	4.10E+04	n	9.90E+02	n	
				1.00E-02	I					1	0.1		Chlorthal-dimethyl	1861-32-1	6.30E+02	n	8.20E+03	n	1.20E+02	n	
				8.00E-04	H					1	0.1		Chlorthiophos	60238-56-4	5.10E+01	n	6.60E+02	n	2.80E+00	n	
				1.50E+00	I					0.013			Chromium(III), Insoluble Salts	16065-83-1	1.20E+05	nm	1.80E+06	nm	2.20E+04	n	
5.00E-01	J	8.40E-02	S	3.00E-03	I	1.00E-04	I		M	0.025			Chromium(VI)	18540-29-9	3.00E+01	c**	6.30E+02	c**	3.50E+00	c*	
										0.013			Chromium, Total	7440-47-3							1.0E+02
				1.30E-02	I					1	0.1		Clofentezine	74115-24-5	8.20E+02	n	1.10E+04	n	2.30E+02	n	
		9.00E-03	P	3.00E-04	P	6.00E-06	P			1			Cobalt	7440-48-4	2.30E+01	n	3.50E+02	n	6.00E+00	n	
		6.20E-04	I					V	M	1			Coke Oven Emissions	8007-45-2							
				4.00E-02	H					1			Copper	7440-50-8	3.10E+03	n	4.70E+04	n	8.00E+02	n	1.3E+03
				5.00E-02	I	6.00E-01	C			1	0.1		Cresol, m-	108-39-4	3.20E+03	n	4.10E+04	n	9.30E+02	n	
				5.00E-02	I	6.00E-01	C			1	0.1		Cresol, o-	95-48-7	3.20E+03	n	4.10E+04	n	9.30E+02	n	
				1.00E-01	A	6.00E-01	C			1	0.1		Cresol, p-	106-44-5	6.30E+03	n	8.20E+04	n	1.90E+03	n	
				1.00E-01	A					1	0.1		Cresol, p-chloro-m-	59-50-7	6.30E+03	n	8.20E+04	n	1.40E+03	n	
				1.00E-01	A	6.00E-01	C			1	0.1		Cresols	1319-77-3	6.30E+03	n	8.20E+04	n	1.50E+03	n	
1.90E+00	H			1.00E-03	P			V		1		1.66E+04	Crotonaldehyde, trans-	123-73-9	3.70E+01	c**	1.70E+02	c**	4.00E+00	c**	
				1.00E-01	I	4.00E-01	I	V		1		2.68E+02	Cumene	98-82-8	1.90E+03	ns	9.90E+03	ns	4.50E+02	n	
2.20E-01	C	6.30E-05	C							1	0.1		Cupferron	135-20-6	2.50E+02	c	1.00E+03	c	3.50E+01	c	
8.40E-01	H			2.00E-03	H					1	0.1		Cyanazine	21725-46-2	6.50E+01	c**	2.70E+02	c**	8.80E+00	c**	

RML
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Toxicity and Chemical-specific Information														Contaminant		Removal Levels						
SFO $(mg/kg\text{-}day)^{-1}$	key	IUR $(ug/m^3)^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
													Cyanides									
				1.00E-03	I					1			~Calcium Cyanide	592-01-8	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				5.00E-03	I					1			~Copper Cyanide	544-92-3	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				6.00E-04	I	8.00E-04	S	V		1		9.54E+05	~Cyanide (CN-)	57-12-5	2.30E+01	n	1.50E+02	n	1.50E+00	n	2.0E+02
				1.00E-03	I			V		1			~Cyanogen	460-19-5	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				9.00E-02	I			V		1			~Cyanogen Bromide	506-68-3	7.00E+03	n	1.10E+05	nm	1.80E+03	n	
				5.00E-02	I			V		1			~Cyanogen Chloride	506-77-4	3.90E+03	n	5.80E+04	n	1.00E+03	n	
				6.00E-04	I	8.00E-04	I	V		1		1.00E+07	~Hydrogen Cyanide	74-90-8	2.30E+01	n	1.50E+02	n	1.50E+00	n	
				2.00E-03	I					1			~Potassium Cyanide	151-50-8	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				5.00E-03	I					0.04			~Potassium Silver Cyanide	506-61-6	3.90E+02	n	5.80E+03	n	8.20E+01	n	
				1.00E-01	I					0.04			~Silver Cyanide	506-64-9	7.80E+03	n	1.20E+05	nm	1.80E+03	n	
				1.00E-03	I					1			~Sodium Cyanide	143-33-9	7.80E+01	n	1.20E+03	n	2.00E+01	n	2.0E+02
				2.00E-04	P					1			~Thiocyanates	NA	1.60E+01	n	2.30E+02	n	4.00E+00	n	
				2.00E-04	X			V		1			~Thiocyanic Acid	463-56-9	1.60E+01	n	2.30E+02	n	4.00E+00	n	
				5.00E-02	I					1			~Zinc Cyanide	557-21-1	3.90E+03	n	5.80E+04	n	1.00E+03	n	
						6.00E+00	I	V		1		1.17E+02	Cyclohexane	110-82-7	6.50E+03	ns	2.70E+04	ns	1.30E+04	n	
2.30E-02	H									1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.40E+03	c	1.00E+04	c	2.40E+02	c	
				5.00E+00	I	7.00E-01	P	V		1		5.11E+03	Cyclohexanone	108-94-1	2.80E+04	ns	1.30E+05	nms	1.40E+03	n	
				5.00E-03	P	1.00E+00	X	V		1		2.83E+02	Cyclohexene	110-83-8	3.10E+02	ns	3.10E+03	ns	7.00E+01	n	
				2.00E-01	I			V		1		2.93E+05	Cyclohexylamine	108-91-8	1.60E+04	n	2.30E+05	nm	3.80E+03	n	
				2.50E-02	I					1	0.1		Cyfluthrin	68359-37-5	1.60E+03	n	2.10E+04	n	1.20E+02	n	
				5.00E-03	I					1	0.1		Cyhalothrin	68085-85-8	3.20E+02	n	4.10E+03	n	1.00E+02	n	
				1.00E-02	I					1	0.1		Cypermethrin	52315-07-8	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				7.50E-03	I					1	0.1		Cyromazine	66215-27-8	4.70E+02	n	6.20E+03	n	1.50E+02	n	
2.40E-01	I	6.90E-05	C							1	0.1		DDD	72-54-8	2.30E+02	c	9.60E+02	c	3.20E+00	c	
3.40E-01	I	9.70E-05	C					V		1			DDE, p,p'-	72-55-9	2.00E+02	c	9.30E+02	c	4.60E+00	c	
3.40E-01	I	9.70E-05	I	5.00E-04	I					1	0.03		DDT	50-29-3	3.70E+01	n	5.20E+02	n	1.00E+01	n	
				3.00E-02	I					1	0.1		Dalapon	75-99-0	1.90E+03	n	2.50E+04	n	6.00E+02	n	2.0E+02
1.80E-02	C	5.10E-06	C	1.50E-01	I					1	0.1		Daminozide	1596-84-5	3.00E+03	c**	1.30E+04	c**	4.30E+02	c**	
7.00E-04	I			7.00E-03	I					1	0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.40E+02	n	5.70E+03	n	1.40E+02	n	
				4.00E-05	I					1	0.1		Demeton	8065-48-3	2.50E+00	n	3.30E+01	n	4.20E-01	n	
1.20E-03	I			6.00E-01	I					1	0.1		Di(2-ethylhexyl)adipate	103-23-1	3.80E+04	n	1.90E+05	c**m	6.50E+03	c**	4.0E+02
6.10E-02	H									1	0.1		Diallate	2303-16-4	8.90E+02	c	3.80E+03	c	5.40E+01	c	
				7.00E-04	A					1	0.1		Diazinon	333-41-5	4.40E+01	n	5.70E+02	n	1.00E+01	n	
				1.00E-02	X			V		1			Dibenzothiophene	132-65-0	7.80E+02	n	1.20E+04	n	6.50E+01	n	
8.00E-01	P	6.00E-03	P	2.00E-04	P	2.00E-04	I	V	M	1		9.79E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.30E-01	c**	6.40E+00	c**	3.30E-02	c*	2.0E-01
				4.00E-04	X			V		1		1.59E+02	Dibromobenzene, 1,3-	108-36-1	3.10E+01	n	4.70E+02	ns	5.30E+00	n	
				1.00E-02	I			V		1			Dibromobenzene, 1,4-	106-37-6	7.80E+02	n	1.20E+04	n	1.30E+02	n	
8.40E-02	I			2.00E-02	I			V		1		8.02E+02	Dibromochloromethane	124-48-1	8.30E+02	c**s	3.90E+03	c**s	8.70E+01	c**	8.0E+01(F)
2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I	V		1		1.34E+03	Dibromoethane, 1,2-	106-93-4	3.60E+00	c*	1.60E+01	c*	7.50E-01	c*	5.0E-02
						4.00E-03	X	V		1		2.82E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.40E+01	n	9.90E+01	n	8.30E+00	n	
				3.00E-04	P					1	0.1		Dibutyltin Compounds	NA	1.90E+01	n	2.50E+02	n	6.00E+00	n	
				3.00E-02	I					1	0.1		Dicamba	1918-00-9	1.90E+03	n	2.50E+04	n	5.70E+02	n	
		4.20E-03	P					V		1		5.54E+02	Dichloro-2-butene, 1,4-	764-41-0	2.10E-01	c	9.40E-01	c	1.30E-01	c	
		4.20E-03	P					V		1		5.19E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	7.40E-01	c	3.20E+00	c	1.30E-01	c	
		4.20E-03	P					V		1		7.60E+02	Dichloro-2-butene, trans-1,4-	110-57-6	7.40E-01	c	3.20E+00	c	1.30E-01	c	
5.00E-02	I			4.00E-03	I					1	0.1		Dichloroacetic Acid	79-43-6	2.50E+02	n	3.30E+03	n	7.90E+01	n	6.0E+01
				9.00E-02	I	2.00E-01	H	V		1		3.76E+02	Dichlorobenzene, 1,2-	95-50-1	1.80E+03	ns	9.30E+03	ns	3.00E+02	n	6.0E+02
5.40E-03	C	1.10E-05	C	7.00E-02	A	8.00E-01	I	V		1			Dichlorobenzene, 1,4-	106-46-7	2.60E+02	c*	1.10E+03	c*	4.80E+01	c*	7.5E+01
4.50E-01	I	3.40E-04	C							1	0.1		Dichlorobenzidine, 3,3'-	91-94-1	1.20E+02	c	5.10E+02	c	1.30E+01	c	
				9.00E-03	X					1	0.1		Dichlorobenzophenone, 4,4'-	90-98-2	5.70E+02	n	7.40E+03	n	7.80E+01	n	
				2.00E-01	I	1.00E-01	X	V		1		8.45E+02	Dichlorodifluoromethane	75-71-8	8.70E+01	n	3.70E+02	n	2.00E+02	n	
5.70E-03	C	1.60E-06	C	2.00E-01	P			V		1		1.69E+03	Dichloroethane, 1,1-	75-34-3	3.60E+02	c*	1.60E+03	c	2.80E+02	c*	
9.10E-02	I	2.60E-05	I	6.00E-03	X	7.00E-03	P	V		1		2.98E+03	Dichloroethane, 1,2-	107-06-2	3.10E+01	n	1.40E+02	n	1.30E+01	n	5.0E+00

RML
THQ=1.0

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Toxicity and Chemical-specific Information															Contaminant		Removal Levels						
SFO $(mg/kg\text{-}day)^{-1}$	key	IUR $(ug/m^3)^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				5.00E-02	I	2.00E-01	I	V		1		1.19E+03	Dichloroethylene, 1,1-	75-35-4	2.30E+02	n	1.00E+03	n	2.80E+02	n	7.0E+00
				2.00E-03	I			V		1		2.37E+03	Dichloroethylene, 1,2-cis-	156-59-2	1.60E+02	n	2.30E+03	n	3.60E+01	n	7.0E+01
				2.00E-02	I			V		1		1.85E+03	Dichloroethylene, 1,2-trans-	156-60-5	1.60E+03	n	2.30E+04	ns	3.60E+02	n	1.0E+02
				3.00E-03	I					1	0.1		Dichlorophenol, 2,4-	120-83-2	1.90E+02	n	2.50E+03	n	4.60E+01	n	
				1.00E-02	I					1	0.05		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.00E+02	n	9.60E+03	n	1.70E+02	n	7.0E+01
				8.00E-03	I					1	0.1		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	5.10E+02	n	6.60E+03	n	1.20E+02	n	
3.60E-02	C	1.00E-05	C	9.00E-02	A	4.00E-03	I	V		1		1.36E+03	Dichloropropane, 1,2-	78-87-5	1.60E+01	n	6.60E+01	n	8.30E+00	n	5.0E+00
				2.00E-02	P			V		1		1.49E+03	Dichloropropane, 1,3-	142-28-9	1.60E+03	ns	2.30E+04	ns	3.70E+02	n	
				3.00E-03	I					1	0.1		Dichloropropanol, 2,3-	616-23-9	1.90E+02	n	2.50E+03	n	5.90E+01	n	
1.00E-01	I	4.00E-06	I	3.00E-02	I	2.00E-02	I	V		1		1.57E+03	Dichloropropene, 1,3-	542-75-6	7.20E+01	n	3.10E+02	n	3.90E+01	n	
2.90E-01	I	8.30E-05	C	5.00E-04	I	5.00E-04	I			1	0.1		Dichlorvos	62-73-7	3.20E+01	n	4.10E+02	n	9.90E+00	n	
				1.00E-04	I					1	0.1		Dicrotophos	141-66-2	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				8.00E-02	P	3.00E-04	X	V		1		2.56E+02	Dicyclopentadiene	77-73-6	1.30E+00	n	5.40E+00	n	6.30E-01	n	
1.60E+01	I	4.60E-03	I	5.00E-05	I					1	0.1		Dieldrin	60-57-1	3.20E+00	n	1.40E+01	c**	1.80E-01	c**	
		3.00E-04	C			5.00E-03	I			1	0.1		Diesel Engine Exhaust	NA							
				2.00E-03	P	2.00E-04	P			1	0.1		Diethanolamine	111-42-2	1.30E+02	n	1.60E+03	n	4.00E+01	n	
				3.00E-02	P	1.00E-04	P			1	0.1		Diethylene Glycol Monobutyl Ether	112-34-5	1.90E+03	n	2.40E+04	n	6.00E+02	n	
				6.00E-02	P	3.00E-04	P			1	0.1		Diethylene Glycol Monoethyl Ether	111-90-0	3.80E+03	n	4.80E+04	n	1.20E+03	n	
				1.00E-03	P			V		1		1.12E+05	Diethylformamide	617-84-5	7.80E+01	n	1.20E+03	n	2.00E+01	n	
3.50E+02	C	1.00E-01	C							1	0.1		Diethylstilbestrol	56-53-1	1.60E-01	c	6.60E-01	c	5.10E-03	c	
				8.00E-02	I					1	0.1		Difenzoquat	43222-48-6	5.10E+03	n	6.60E+04	n	1.60E+03	n	
				2.00E-02	I					1	0.1		Diflubenzuron	35367-38-5	1.30E+03	n	1.60E+04	n	2.90E+02	n	
						4.00E+01	I	V		1		1.43E+03	Difluoroethane, 1,1-	75-37-6	4.80E+04	ns	2.00E+05	nms	8.30E+04	n	
4.40E-02	C	1.30E-05	C					V		1			Dihydrosafrole	94-58-6	9.90E+02	c	4.50E+03	c	3.00E+01	c	
						7.00E-01	P	V		1		2.26E+03	Diisopropyl Ether	108-20-3	2.20E+03	n	9.40E+03	ns	1.50E+03	n	
				8.00E-02	I			V		1		5.30E+02	Diisopropyl Methylphosphonate	1445-75-6	6.30E+03	ns	9.30E+04	ns	1.60E+03	n	
				2.00E-02	I					1	0.1		Dimethipin	55290-64-7	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				2.00E-04	I					1	0.1		Dimethoate	60-51-5	1.30E+01	n	1.60E+02	n	4.00E+00	n	
1.60E+00	P									1	0.1		Dimethoxybenzidine, 3,3'-	119-90-4	3.40E+01	c	1.40E+02	c	4.70E+00	c	
1.70E-03	P			6.00E-02	P					1	0.1		Dimethyl methylphosphonate	756-79-6	3.80E+03	n	4.90E+04	n	1.20E+03	n	
4.60E+00	C	1.30E-03	C							1	0.1		Dimethylamino azobenzene [p-]	60-11-7	1.20E+01	c	5.00E+01	c	5.00E-01	c	
5.80E-01	H									1	0.1		Dimethylaniline HCl, 2,4-	21436-96-4	9.40E+01	c	4.00E+02	c	1.30E+01	c	
2.00E-01	P			2.00E-03	X					1	0.1		Dimethylaniline, 2,4-	95-68-1	1.30E+02	n	1.10E+03	c**	3.70E+01	c**	
				2.00E-03	I			V		1		8.30E+02	Dimethylaniline, N,N-	121-69-7	1.60E+02	n	2.30E+03	ns	3.50E+01	n	
1.10E+01	P									1	0.1		Dimethylbenzidine, 3,3'-	119-93-7	4.90E+00	c	2.10E+01	c	6.50E-01	c	
				1.00E-01	P	3.00E-02	I	V		1		1.06E+05	Dimethylformamide	68-12-2	2.60E+03	n	1.50E+04	n	6.10E+01	n	
				1.00E-04	X	2.00E-06	X	V		1		1.72E+05	Dimethylhydrazine, 1,1-	57-14-7	5.70E-02	n	2.40E-01	n	4.20E-03	n	
5.50E+02	C	1.60E-01	C					V		1		1.89E+05	Dimethylhydrazine, 1,2-	540-73-8	8.80E-02	c	4.10E-01	c	2.80E-03	c	
				2.00E-02	I					1	0.1		Dimethylphenol, 2,4-	105-67-9	1.30E+03	n	1.60E+04	n	3.60E+02	n	
				6.00E-04	I					1	0.1		Dimethylphenol, 2,6-	576-26-1	3.80E+01	n	4.90E+02	n	1.10E+01	n	
				1.00E-03	I					1	0.1		Dimethylphenol, 3,4-	95-65-8	6.30E+01	n	8.20E+02	n	1.80E+01	n	
4.50E-02	C	1.30E-05	C					V		1		4.73E+02	Dimethylvinylchloride	513-37-1	1.10E+02	c	4.80E+02	cs	3.30E+01	c	
				8.00E-05	X					1	0.1		Dinitro-o-cresol, 4,6-	534-52-1	5.10E+00	n	6.60E+01	n	1.50E+00	n	
				2.00E-03	I					1	0.1		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.30E+02	n	1.60E+03	n	2.30E+01	n	
				1.00E-04	P					1	0.1		Dinitrobenzene, 1,2-	528-29-0	6.30E+00	n	8.20E+01	n	1.90E+00	n	
				1.00E-04	I					1	0.1		Dinitrobenzene, 1,3-	99-65-0	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				1.00E-04	P					1	0.1		Dinitrobenzene, 1,4-	100-25-4	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				2.00E-03	I					1	0.1		Dinitrophenol, 2,4-	51-28-5	1.30E+02	n	1.60E+03	n	3.90E+01	n	
6.80E-01	I									1	0.1		Dinitrotoluene Mixture, 2,4/2,6-	NA	8.00E+01	c	3.40E+02	c	1.10E+01	c	
3.10E-01	C	8.90E-05	C	2.00E-03	I					1	0.102		Dinitrotoluene, 2,4-	121-14-2	1.30E+02	n	7.40E+02	c**	2.40E+01	c**	
1.50E+00	P			3.00E-04	X					1	0.099		Dinitrotoluene, 2,6-	606-20-2	1.90E+01	n	1.50E+02	c**	4.90E+00	c**	
				2.00E-03	S					1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.50E+02	n	2.30E+03	n	3.90E+01	n	
				2.00E-03	S					1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.50E+02	n	2.30E+03	n	3.90E+01	n	
4.50E-01	X			9.00E-04	X					1	0.1		Dinitrotoluene, Technical grade	25321-14-6	5.70E+01	n	5.10E+02	c**	1.00E+01	c**	

RML
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Toxicity and Chemical-specific Information														Contaminant		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				1.00E-03	I					1	0.1		Dinoseb	88-85-7	6.30E+01	n	8.20E+02	n	1.50E+01	n	7.0E+00
1.00E-01	I	5.00E-06	I	3.00E-02	I	3.00E-02	I	V		1		1.16E+05	Dioxane, 1,4-	123-91-1	5.30E+02	c**	2.40E+03	c**	4.60E+01	c**	
													Dioxins								
6.20E+03	I	1.30E+00	I							1	0.03		~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.00E-02	c	4.70E-02	c	1.30E-03	c	
1.30E+05	C	3.80E+01	C	7.00E-10	I	4.00E-08	C	V		1	0.03		~TCDD, 2,3,7,8-	1746-01-6	5.10E-05	n	7.20E-04	n	1.20E-05	c**	3.0E-05
				3.00E-02	I					1	0.1		Diphenamid	957-51-7	1.90E+03	n	2.50E+04	n	5.30E+02	n	
				8.00E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	5.10E+01	n	6.60E+02	n	1.50E+01	n	
				2.50E-02	I					1	0.1		Diphenylamine	122-39-4	1.60E+03	n	2.10E+04	n	3.10E+02	n	
8.00E-01	I	2.20E-04	I							1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.80E+01	c	2.90E+02	c	7.80E+00	c	
				2.20E-03	I					1	0.1		Diquat	85-00-7	1.40E+02	n	1.80E+03	n	4.40E+01	n	2.0E+01
7.10E+00	C	1.40E-01	C							1	0.1		Direct Black 38	1937-37-7	7.60E+00	c	3.20E+01	c	1.10E+00	c	
7.40E+00	C	1.40E-01	C							1	0.1		Direct Blue 6	2602-46-2	7.30E+00	c	3.10E+01	c	1.10E+00	c	
6.70E+00	C	1.40E-01	C							1	0.1		Direct Brown 95	16071-86-6	8.10E+00	c	3.40E+01	c	1.20E+00	c	
				4.00E-05	I					1	0.1		Disulfoton	298-04-4	2.50E+00	n	3.30E+01	n	5.00E-01	n	
				1.00E-02	I			V		1			Dithiane, 1,4-	505-29-3	7.80E+02	n	1.20E+04	n	2.00E+02	n	
				2.00E-03	I					1	0.1		Diuron	330-54-1	1.30E+02	n	1.60E+03	n	3.60E+01	n	
				4.00E-03	I					1	0.1		Dodine	2439-10-3	2.50E+02	n	3.30E+03	n	8.00E+01	n	
				2.50E-02	I			V		1			EPTC	759-94-4	2.00E+03	n	2.90E+04	n	3.80E+02	n	
				6.00E-03	I			V		1			Endosulfan	115-29-7	4.70E+02	n	7.00E+03	n	1.00E+02	n	
				2.00E-02	I					1	0.1		Endothall	145-73-3	1.30E+03	n	1.60E+04	n	3.80E+02	n	1.0E+02
				3.00E-04	I					1	0.1		Endrin	72-20-8	1.90E+01	n	2.50E+02	n	2.30E+00	n	2.0E+00
9.90E-03	I	1.20E-06	I	6.00E-03	P	1.00E-03	I	V		1		1.05E+04	Epichlorohydrin	106-89-8	1.90E+01	n	8.20E+01	n	2.00E+00	n	
						2.00E-02	I	V		1		1.53E+04	Epoxybutane, 1,2-	106-88-7	1.60E+02	n	6.70E+02	n	4.20E+01	n	
				4.00E-02	P					1	0.1		Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2.50E+03	n	3.30E+04	n	8.00E+02	n	
				5.00E-03	I					1	0.1		Ethephon	16672-87-0	3.20E+02	n	4.10E+03	n	1.00E+02	n	
				5.00E-04	I					1	0.1		Ethion	563-12-2	3.20E+01	n	4.10E+02	n	4.30E+00	n	
				1.00E-01	P	6.00E-02	P	V		1		2.38E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.60E+03	n	1.40E+04	n	1.20E+02	n	
				9.00E-02	P	2.00E-01	I	V		1		1.06E+05	Ethoxyethanol, 2-	110-80-5	5.20E+03	n	4.70E+04	n	3.40E+02	n	
				9.00E-01	I	7.00E-02	P	V		1		1.08E+04	Ethyl Acetate	141-78-6	6.20E+02	n	2.60E+03	n	1.40E+02	n	
				5.00E-03	P	8.00E-03	P	V		1		2.50E+03	Ethyl Acrylate	140-88-5	4.70E+01	n	2.10E+02	n	1.40E+01	n	
						1.00E+01	I	V		1		2.12E+03	Ethyl Chloride (Chloroethane)	75-00-3	1.40E+04	ns	5.70E+04	ns	2.10E+04	n	
				2.00E-01	I			V		1		1.01E+04	Ethyl Ether	60-29-7	1.60E+04	ns	2.30E+05	nms	3.90E+03	n	
						3.00E-01	P	V		1		1.10E+03	Ethyl Methacrylate	97-63-2	1.80E+03	ns	7.60E+03	ns	6.30E+02	n	
				1.00E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.30E-01	n	8.20E+00	n	8.90E-02	n	
1.10E-02	C	2.50E-06	C	1.00E-01	I	1.00E+00	I	V		1		4.80E+02	Ethylbenzene	100-41-4	5.80E+02	c**s	2.50E+03	c**s	1.50E+02	c**	7.0E+02
				7.00E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	4.40E+03	n	5.70E+04	n	1.40E+03	n	
				9.00E-02	P			V		1		1.89E+05	Ethylene Diamine	107-15-3	7.00E+03	n	1.10E+05	nm	1.80E+03	n	
				2.00E+00	I	4.00E-01	C			1	0.1		Ethylene Glycol	107-21-1	1.30E+05	nm	1.60E+06	nm	4.00E+04	n	
				1.00E-01	I	1.60E+00	I			1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.30E+03	n	8.20E+04	n	2.00E+03	n	
3.10E-01	C	8.80E-05	C			3.00E-02	C	V		1		1.21E+05	Ethylene Oxide	75-21-8	1.80E+01	c*	7.90E+01	c*	5.10E+00	c*	
4.50E-02	C	1.30E-05	C	8.00E-05	I					1	0.1		Ethylene Thiourea	96-45-7	5.10E+00	n	6.60E+01	n	1.60E+00	n	
6.50E+01	C	1.90E-02	C					V		1		1.54E+05	Ethyleneimine	151-56-4	2.70E-01	c	1.20E+00	c	2.40E-02	c	
				3.00E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.90E+05	nm	2.50E+06	nm	5.80E+04	n	
				2.50E-04	I					1	0.1		Fenamiphos	22224-92-6	1.60E+01	n	2.10E+02	n	4.40E+00	n	
				2.50E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.60E+03	n	2.10E+04	n	6.40E+01	n	
				2.50E-02	I					1	0.1		Fenvalerate	51630-58-1	1.60E+03	n	2.10E+04	n	5.00E+02	n	
				1.30E-02	I					1	0.1		Fluometuron	2164-17-2	8.20E+02	n	1.10E+04	n	2.40E+02	n	
				4.00E-02	C	1.30E-02	C			1			Fluoride	16984-48-8	3.10E+03	n	4.70E+04	n	8.00E+02	n	
				6.00E-02	I	1.30E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.70E+03	n	7.00E+04	n	1.20E+03	n	4.0E+03
				8.00E-02	I					1	0.1		Fluridone	59756-60-4	5.10E+03	n	6.60E+04	n	1.40E+03	n	
				2.00E-02	I					1	0.1		Flurprimidol	56425-91-3	1.30E+03	n	1.60E+04	n	3.40E+02	n	
				7.00E-04	I					1	0.1		Flusilazole	85509-19-9	4.40E+01	n	5.70E+02	n	1.10E+01	n	
				6.00E-02	I					1	0.1		Flutolanil	66332-96-5	3.80E+03	n	4.90E+04	n	9.50E+02	n	
				1.00E-02	I					1	0.1		Fluvalinate	69409-94-5	6.30E+02	n	8.20E+03	n	2.00E+02	n	

RML
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Toxicity and Chemical-specific Information															Contaminant		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
3.50E-03	I			1.00E-01	I					1	0.1		Folpet	133-07-3	6.30E+03	n	6.60E+04	c**	1.80E+03	n	
1.90E-01	I									1	0.1		Fomesafen	72178-02-0	2.90E+02	c	1.20E+03	c	3.90E+01	c	
				2.00E-03	I					1	0.1		Fonofos	944-22-9	1.30E+02	n	1.60E+03	n	2.40E+01	n	
		1.30E-05	I	2.00E-01	I	9.80E-03	A	V		1		4.24E+04	Formaldehyde	50-00-0	7.60E+02	n	3.30E+03	n	2.00E+01	n	
				9.00E-01	P	3.00E-04	X	V		1		1.06E+05	Formic Acid	64-18-6	2.90E+01	n	1.20E+02	n	6.30E-01	n	
				3.00E+00	I					1	0.1		Fosetyl-AL	39148-24-8	1.90E+05	nm	2.50E+06	nm	6.00E+04	n	
													Furans								
				1.00E-03	X			V		1	0.03		~Dibenzofuran	132-64-9	7.30E+01	n	1.00E+03	n	7.90E+00	n	
				1.00E-03	I			V		1	0.03	6.22E+03	~Furan	110-00-9	7.30E+01	n	1.00E+03	n	1.90E+01	n	
				9.00E-01	I	2.00E+00	I	V		1	0.03	1.65E+05	~Tetrahydrofuran	109-99-9	1.80E+04	n	9.40E+04	n	3.40E+03	n	
3.80E+00	H									1	0.1		Furazolidone	67-45-8	1.40E+01	c	6.00E+01	c	2.00E+00	c	
				3.00E-03	I	5.00E-02	H	V		1		1.01E+04	Furfural	98-01-1	2.10E+02	n	2.60E+03	n	3.80E+01	n	
1.50E+00	C	4.30E-04	C							1	0.1		Furium	531-82-8	3.60E+01	c	1.50E+02	c	5.10E+00	c	
3.00E-02	I	8.60E-06	C							1	0.1		Furmecyclox	60568-05-0	1.80E+03	c	7.70E+03	c	1.10E+02	c	
				4.00E-04	I					1	0.1		Glufosinate, Ammonium	77182-82-2	2.50E+01	n	3.30E+02	n	8.00E+00	n	
						8.00E-05	C			1	0.1		Glutaraldehyde	111-30-8	1.10E+05	nm	4.80E+05	nm			
				4.00E-04	I	1.00E-03	H	V		1		1.06E+05	Glycidyl	765-34-4	2.30E+01	n	2.10E+02	n	1.70E+00	n	
				1.00E-01	I					1	0.1		Glyphosate	1071-83-6	6.30E+03	n	8.20E+04	n	2.00E+03	n	7.0E+02
				1.00E-02	X			V		1			Guanidine	113-00-8	7.80E+02	n	1.20E+04	n	2.00E+02	n	
				2.00E-02	P					1	0.1		Guanidine Chloride	50-01-1	1.30E+03	n	1.60E+04	n	4.00E+02	n	
				5.00E-05	I					1	0.1		Haloxyfop, Methyl	69806-40-2	3.20E+00	n	4.10E+01	n	7.60E-01	n	
4.50E+00	I	1.30E-03	I	5.00E-04	I			V		1			Heptachlor	76-44-8	1.30E+01	c**	6.30E+01	c**	1.40E-01	c**	4.0E-01
9.10E+00	I	2.60E-03	I	1.30E-05	I			V		1			Heptachlor Epoxide	1024-57-3	1.00E+00	n	1.50E+01	n	1.20E-01	n	2.0E-01
				2.00E-03	I			V		1			Hexabromobenzene	87-82-1	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				2.00E-04	I					1	0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.30E+01	n	1.60E+02	n	4.00E+00	n	
1.60E+00	I	4.60E-04	I	8.00E-04	I			V		1			Hexachlorobenzene	118-74-1	2.10E+01	c**	9.60E+01	c**	9.80E-01	c*	1.0E+00
7.80E-02	I	2.20E-05	I	1.00E-03	P			V		1		1.68E+01	Hexachlorobutadiene	87-68-3	7.80E+01	ns	5.30E+02	c**s	6.50E+00	n	
6.30E+00	I	1.80E-03	I	8.00E-03	A					1	0.1		Hexachlorocyclohexane, Alpha-	319-84-6	8.60E+00	c*	3.60E+01	c	7.20E-01	c	
1.80E+00	I	5.30E-04	I							1	0.1		Hexachlorocyclohexane, Beta-	319-85-7	3.00E+01	c	1.30E+02	c	2.50E+00	c	
1.10E+00	C	3.10E-04	C	3.00E-04	I					1	0.04		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.10E+01	n	2.50E+02	c**	3.60E+00	n	2.0E-01
1.80E+00	I	5.10E-04	I							1	0.1		Hexachlorocyclohexane, Technical	608-73-1	3.00E+01	c	1.30E+02	c	2.50E+00	c	
				6.00E-03	I	2.00E-04	I	V		1		1.57E+01	Hexachlorocyclopentadiene	77-47-4	1.80E+00	n	7.50E+00	n	4.10E-01	n	5.0E+01
4.00E-02	I	1.10E-05	C	7.00E-04	I	3.00E-02	I	V		1			Hexachloroethane	67-72-1	4.50E+01	n	4.60E+02	n	6.20E+00	n	
				3.00E-04	I					1	0.1		Hexachlorophene	70-30-4	1.90E+01	n	2.50E+02	n	6.00E+00	n	
1.10E-01	I			3.00E-03	I					1	0.015		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.30E+02	n	2.80E+03	c**	6.00E+01	n	
						1.00E-05	I	V		1		3.39E+03	Hexamethylene Diisocyanate, 1,6-	822-06-0	3.10E+00	n	1.30E+01	n	2.10E-02	n	
				4.00E-04	P					1	0.1		Hexamethylphosphoramide	680-31-9	2.50E+01	n	3.30E+02	n	8.00E+00	n	
						7.00E-01	I	V		1		1.41E+02	Hexane, N-	110-54-3	6.10E+02	ns	2.50E+03	ns	1.50E+03	n	
				2.00E+00	P					1	0.1		Hexanedioic Acid	124-04-9	1.30E+05	nm	1.60E+06	nm	4.00E+04	n	
				5.00E-03	I	3.00E-02	I	V		1		3.28E+03	Hexanone, 2-	591-78-6	2.00E+02	n	1.30E+03	n	3.80E+01	n	
				3.30E-02	I					1	0.1		Hexazinone	51235-04-2	2.10E+03	n	2.70E+04	n	6.40E+02	n	
				2.50E-02	I					1	0.1		Hexythiazox	78587-05-0	1.60E+03	n	2.10E+04	n	1.10E+02	n	
				3.00E-04	I					1	0.1		Hydramethylnon	67485-29-4	1.90E+01	n	2.50E+02	n	5.90E+00	n	
3.00E+00	I	4.90E-03	I			3.00E-05	P	V		1			Hydrazine	302-01-2	2.30E+01	c	1.10E+02	c	6.30E-02	n	
3.00E+00	I	4.90E-03	I							1			Hydrazine Sulfate	10034-93-2	2.30E+01	c	1.10E+02	c	2.60E+00	c	
						2.00E-02	I	V		1			Hydrogen Chloride	7647-01-0	2.80E+07	nm	1.20E+08	nm	4.20E+01	n	
				4.00E-02	C	1.40E-02	C	V		1			Hydrogen Fluoride	7664-39-3	3.10E+03	n	4.70E+04	n	2.80E+01	n	
						2.00E-03	I	V		1			Hydrogen Sulfide	7783-06-4	2.80E+06	nm	1.20E+07	nm	4.20E+00	n	
6.00E-02	P			4.00E-02	P					1	0.1		Hydroquinone	123-31-9	9.00E+02	c**	3.80E+03	c**	1.30E+02	c**	
				1.30E-02	I					1	0.1		Imazalil	35554-44-0	8.20E+02	n	1.10E+04	n	1.90E+02	n	
				2.50E-01	I					1	0.1		Imazaquin	81335-37-7	1.60E+04	n	2.10E+05	nm	4.90E+03	n	
				2.50E-01	I					1	0.1		Imazethapyr	81335-77-5	1.60E+04	n	2.10E+05	nm	4.70E+03	n	
				1.00E-02	A					1			Iodine	7553-56-2	7.80E+02	n	1.20E+04	n	2.00E+02	n	
				4.00E-02	I					1	0.1		Iprodione	36734-19-7	2.50E+03	n	3.30E+04	n	7.40E+02	n	

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Toxicity and Chemical-specific Information																Contaminant		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				7.00E-01	P					1			Iron	7439-89-6	5.50E+04	n	8.20E+05	nm	1.40E+04	n	
				3.00E-01	I			V		1		1.00E+04	Isobutyl Alcohol	78-83-1	2.30E+04	ns	3.50E+05	nms	5.90E+03	n	
9.50E-04	I			2.00E-01	I	2.00E+00	C			1	0.1		Isophorone	78-59-1	1.30E+04	n	1.60E+05	nm	3.80E+03	n	
				1.50E-02	I			V		1			Isopropalin	33820-53-0	1.20E+03	n	1.80E+04	n	4.00E+01	n	
				2.00E+00	P	2.00E-01	P	V		1		1.09E+05	Isopropanol	67-63-0	5.60E+03	n	2.40E+04	n	4.10E+02	n	
				1.00E-01	I					1	0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.30E+03	n	8.20E+04	n	2.00E+03	n	
				5.00E-02	I					1	0.1		Isoxaben	82558-50-7	3.20E+03	n	4.10E+04	n	7.30E+02	n	
						3.00E-01	A	V		1			JP-7	NA	4.30E+08	nm	1.80E+09	nm	6.30E+02	n	
				2.00E-03	I					1	0.1		Lactofen	77501-63-4	1.30E+02	n	1.60E+03	n	2.50E+01	n	
													Lead Compounds								
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			~Lead Chromate	7758-97-6	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
8.50E-03	C	1.20E-05	C							1			~Lead Phosphate	7446-27-7	8.20E+03	c	3.80E+04	c	9.10E+02	c	
8.50E-03	C	1.20E-05	C							1	0.1		~Lead acetate	301-04-2	6.40E+03	c	2.70E+04	c	9.20E+02	c	
										1			~Lead and Compounds	7439-92-1	4.00E+02	L	8.00E+02	L	1.50E+01	L	1.5E+01
8.50E-03	C	1.20E-05	C							1	0.1		~Lead subacetate	1335-32-6	6.40E+03	c	2.70E+04	c	9.20E+02	c	
				1.00E-07	I			V		1		2.43E+00	~Tetraethyl Lead	78-00-2	7.80E-03	n	1.20E-01	n	1.30E-03	n	
				5.00E-06	P			V		1		3.83E+02	Lewisite	541-25-3	3.90E-01	n	5.80E+00	n	9.00E-02	n	
				2.00E-03	I					1	0.1		Linuron	330-55-2	1.30E+02	n	1.60E+03	n	3.30E+01	n	
				2.00E-03	P					1			Lithium	7439-93-2	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				5.00E-04	I					1	0.1		MCPA	94-74-6	3.20E+01	n	4.10E+02	n	7.50E+00	n	
				1.00E-02	I					1	0.1		MCPB	94-81-5	6.30E+02	n	8.20E+03	n	1.50E+02	n	
				1.00E-03	I					1	0.1		MCPP	93-65-2	6.30E+01	n	8.20E+02	n	1.60E+01	n	
				2.00E-02	I					1	0.1		Malathion	121-75-5	1.30E+03	n	1.60E+04	n	3.90E+02	n	
				1.00E-01	I	7.00E-04	C			1	0.1		Maleic Anhydride	108-31-6	6.30E+03	n	8.00E+04	n	1.90E+03	n	
				5.00E-01	I					1	0.1		Maleic Hydrazide	123-33-1	3.20E+04	n	4.10E+05	nm	1.00E+04	n	
				1.00E-04	P					1	0.1		Malononitrile	109-77-3	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				3.00E-02	H					1	0.1		Mancozeb	8018-01-7	1.90E+03	n	2.50E+04	n	5.40E+02	n	
				5.00E-03	I					1	0.1		Maneb	12427-38-2	3.20E+02	n	4.10E+03	n	9.80E+01	n	
				1.40E-01	I	5.00E-05	I			1			Manganese (Diet)	7439-96-5							
				2.40E-02	S	5.00E-05	I			0.04			Manganese (Non-diet)	7439-96-5	1.80E+03	n	2.60E+04	n	4.30E+02	n	
				9.00E-05	H					1	0.1		Mephosfolan	950-10-7	5.70E+00	n	7.40E+01	n	1.80E+00	n	
				3.00E-02	I					1	0.1		Mepiquat Chloride	24307-26-4	1.90E+03	n	2.50E+04	n	6.00E+02	n	
													Mercury Compounds								
				3.00E-04	I	3.00E-04	S			0.07			~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.30E+01	n	3.50E+02	n	5.70E+00	n	2.0E+00
						3.00E-04	I	V		1		3.13E+00	~Mercury (elemental)	7439-97-6	1.10E+01	ns	4.60E+01	ns	6.30E-01	n	2.0E+00
				1.00E-04	I					1			~Methyl Mercury	22967-92-6	7.80E+00	n	1.20E+02	n	2.00E+00	n	
				8.00E-05	I					1	0.1		~Phenylmercuric Acetate	62-38-4	5.10E+00	n	6.60E+01	n	1.60E+00	n	
				3.00E-05	I			V		1			Merphos	150-50-5	2.30E+00	n	3.50E+01	n	6.00E-01	n	
				3.00E-05	I					1	0.1		Merphos Oxide	78-48-8	1.90E+00	n	2.50E+01	n	8.50E-02	n	
				6.00E-02	I					1	0.1		Metalaxyl	57837-19-1	3.80E+03	n	4.90E+04	n	1.20E+03	n	
				1.00E-04	I	3.00E-02	P	V		1		4.58E+03	Methacrylonitrile	126-98-7	7.50E+00	n	1.00E+02	n	1.90E+00	n	
				5.00E-05	I					1	0.1		Methamidophos	10265-92-6	3.20E+00	n	4.10E+01	n	1.00E+00	n	
				2.00E+00	I	2.00E+01	I	V		1		1.06E+05	Methanol	67-56-1	1.20E+05	nms	1.20E+06	nms	2.00E+04	n	
				1.00E-03	I					1	0.1		Methidathion	950-37-8	6.30E+01	n	8.20E+02	n	1.90E+01	n	
				2.50E-02	I					1	0.1		Methomyl	16752-77-5	1.60E+03	n	2.10E+04	n	5.00E+02	n	
4.90E-02	C	1.40E-05	C							1	0.1		Methoxy-5-nitroaniline, 2-	99-59-2	1.10E+03	c	4.70E+03	c	1.50E+02	c	
				5.00E-03	I					1	0.1		Methoxychlor	72-43-5	3.20E+02	n	4.10E+03	n	3.70E+01	n	4.0E+01
				8.00E-03	P	1.00E-03	P	V		1		1.15E+05	Methoxyethanol Acetate, 2-	110-49-6	1.10E+02	n	5.10E+02	n	2.10E+00	n	
				5.00E-03	P	2.00E-02	I	V		1		1.06E+05	Methoxyethanol, 2-	109-86-4	3.30E+02	n	3.50E+03	n	2.90E+01	n	
				1.00E+00	X			V		1		2.90E+04	Methyl Acetate	79-20-9	7.80E+04	ns	1.20E+06	nms	2.00E+04	n	
						2.00E-02	P	V		1		6.75E+03	Methyl Acrylate	96-33-3	1.50E+02	n	6.10E+02	n	4.20E+01	n	
				6.00E-01	I	5.00E+00	I	V		1		2.84E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.70E+04	n	1.90E+05	nms	5.60E+03	n	
		1.00E-03	X	1.00E-03	P	2.00E-05	X	V		1		1.80E+05	Methyl Hydrazine	60-34-4	1.00E+00	n	4.40E+00	n	4.20E-02	n	
						3.00E+00	I	V		1		3.36E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3.30E+04	ns	1.40E+05	nms	6.30E+03	n	

RML
THQ=1.0

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		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
						1.00E-03	C	V		1		1.01E+04	Methyl Isocyanate	624-83-9	4.60E+00	n	1.90E+01	n	2.10E+00	n	
				1.40E+00	I	7.00E-01	I	V		1		2.36E+03	Methyl Methacrylate	80-62-6	4.40E+03	ns	1.90E+04	ns	1.40E+03	n	
				2.50E-04	I					1	0.1		Methyl Parathion	298-00-0	1.60E+01	n	2.10E+02	n	4.50E+00	n	
				6.00E-02	X					1	0.1		Methyl Phosphonic Acid	993-13-5	3.80E+03	n	4.90E+04	n	1.20E+03	n	
				6.00E-03	H	4.00E-02	H	V		1		3.93E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	3.20E+02	n	2.60E+03	ns	2.30E+01	n	
9.90E-02	C	2.80E-05	C							1	0.1		Methyl methanesulfonate	66-27-3	5.50E+02	c	2.30E+03	c	7.90E+01	c	
1.80E-03	C	2.60E-07	C			3.00E+00	I	V		1		8.87E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.70E+03	c**	2.10E+04	c**s	1.40E+03	c**	
				3.00E-04	X					1	0.1		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.90E+01	n	2.50E+02	n	6.00E+00	n	
9.00E-03	P			2.00E-02	X					1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	1.30E+03	n	1.60E+04	n	3.80E+02	n	
8.30E+00	C	2.40E-03	C							1	0.1		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	6.50E+00	c	2.80E+01	c	9.40E-01	c	
1.30E-01	C	3.70E-05	C							1	0.1		Methylaniline Hydrochloride, 2-	636-21-5	4.20E+02	c	1.80E+03	c	6.00E+01	c	
				1.00E-02	A					1	0.1		Methylarsonic acid	124-58-3	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				2.00E-04	X					1	0.1		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	1.30E+01	n	1.60E+02	n	4.00E+00	n	
1.00E-01	X			3.00E-04	X					1	0.1		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.90E+01	n	2.50E+02	n	6.00E+00	n	
2.20E+01	C	6.30E-03	C						M	1	0.1		Methylcholanthrene, 3-	56-49-5	5.50E-01	c	1.00E+01	c	1.10E-01	c	
2.00E-03	I	1.00E-08	I	6.00E-03	I	6.00E-01	I	V	M	1		3.32E+03	Methylene Chloride	75-09-2	3.50E+02	n	3.20E+03	n	1.10E+02	n	5.0E+00
1.00E-01	P	4.30E-04	C	2.00E-03	P				M	1	0.1		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.20E+02	c**	1.60E+03	n	1.60E+01	c**	
4.60E-02	I	1.30E-05	C							1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.20E+03	c	5.00E+03	c	4.80E+01	c	
1.60E+00	C	4.60E-04	C			2.00E-02	C			1	0.1		Methylenebisbenzenamine, 4,4'-	101-77-9	3.40E+01	c	1.40E+02	c	4.70E+00	c	
						6.00E-04	I			1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.50E+05	nm	3.60E+06	nm			
				7.00E-02	H			V		1		5.00E+02	Methylstyrene, Alpha-	98-83-9	5.50E+03	ns	8.20E+04	ns	7.80E+02	n	
				1.50E-01	I					1	0.1		Metolachlor	51218-45-2	9.50E+03	n	1.20E+05	nm	2.70E+03	n	
				2.50E-02	I					1	0.1		Metribuzin	21087-64-9	1.60E+03	n	2.10E+04	n	4.90E+02	n	
				2.50E-01	I					1	0.1		Metsulfuron-methyl	74223-64-6	1.60E+04	n	2.10E+05	nm	4.90E+03	n	
				3.00E+00	P			V		1		3.42E-01	Mineral oils	8012-95-1	2.30E+05	nms	3.50E+06	nms	6.00E+04	n	
1.80E+01	C	5.10E-03	C	2.00E-04	I			V		1			Mirex	2385-85-5	3.60E+00	c**	1.70E+01	c*	8.80E-02	c*	
				2.00E-03	I					1	0.1		Molinate	2212-67-1	1.30E+02	n	1.60E+03	n	3.00E+01	n	
				5.00E-03	I					1			Molybdenum	7439-98-7	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				1.00E-01	I					1			Monochloramine	10599-90-3	7.80E+03	n	1.20E+05	nm	2.00E+03	n	4.0E+03
				2.00E-03	P					1	0.1		Monomethylaniline	100-61-8	1.30E+02	n	1.60E+03	n	3.80E+01	n	
				2.50E-02	I					1	0.1		Myclobutanil	88671-89-0	1.60E+03	n	2.10E+04	n	4.50E+02	n	
				3.00E-04	X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.90E+01	n	2.50E+02	n	3.60E+00	n	
				2.00E-03	I			V		1			Naled	300-76-5	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				3.00E-02	X	1.00E-01	P	V		1			Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.30E+03	n	3.50E+04	n	1.50E+02	n	
1.80E+00	C	0.00E+00	C							1	0.1		Naphthylamine, 2-	91-59-8	3.00E+01	c	1.30E+02	c	3.90E+00	c	
				1.00E-01	I					1	0.1		Napropamide	15299-99-7	6.30E+03	n	8.20E+04	n	1.60E+03	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickel Acetate	373-02-4	6.70E+02	n	8.10E+03	n	2.20E+02	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickel Carbonate	3333-67-3	6.70E+02	n	8.10E+03	n	2.20E+02	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C	V		1			Nickel Carbonyl	13463-39-3	8.20E+02	n	1.10E+04	n	2.90E-02	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			0.04			Nickel Hydroxide	12054-48-7	8.20E+02	n	1.10E+04	n	2.00E+02	n	
		2.60E-04	C	1.10E-02	C	2.00E-05	C			0.04			Nickel Oxide	1313-99-1	8.40E+02	n	1.20E+04	n	2.00E+02	n	
		2.40E-04	I	1.10E-02	C	1.40E-05	C			0.04			Nickel Refinery Dust	NA	8.20E+02	n	1.10E+04	n	2.20E+02	n	
		2.60E-04	C	2.00E-02	I	9.00E-05	A			0.04			Nickel Soluble Salts	7440-02-0	1.50E+03	n	2.20E+04	n	3.90E+02	n	
1.70E+00	C	4.80E-04	I	1.10E-02	C	1.40E-05	C			0.04			Nickel Subsulfide	12035-72-2	4.10E+01	c*	1.90E+02	c*	4.50E+00	c*	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickelocene	1271-28-9	6.70E+02	n	8.10E+03	n	2.20E+02	n	
				1.60E+00	I					1			Nitrate	14797-55-8	1.30E+05	nm	1.90E+06	nm	3.20E+04	n	1.0E+04
										1			Nitrate + Nitrite (as N)	NA							1.0E+04
				1.00E-01	I					1			Nitrite	14797-65-0	7.80E+03	n	1.20E+05	nm	2.00E+03	n	1.0E+03
				1.00E-02	X	5.00E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.30E+02	n	8.00E+03	n	1.90E+02	n	
2.00E-02	P			4.00E-03	P	6.00E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.50E+02	n	3.30E+03	n	7.80E+01	n	
		4.00E-05	I	2.00E-03	I	9.00E-03	I	V		1		3.05E+03	Nitrobenzene	98-95-3	1.30E+02	n	1.30E+03	n	1.30E+01	n	
				3.00E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.90E+08	nm	2.50E+09	nm	6.00E+07	n	
				7.00E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.40E+03	n	5.70E+04	n	1.40E+03	n	
1.30E+00	C	3.70E-04	C							1	0.1		Nitrofurazone	59-87-0	4.20E+01	c	1.80E+02	c	6.00E+00	c	

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SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
1.70E-02	P			1.00E-04	P					1	0.1		Nitroglycerin	55-63-0	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				1.00E-01	I					1	0.1		Nitroguanidine	556-88-7	6.30E+03	n	8.20E+04	n	2.00E+03	n	
		8.80E-06	P			5.00E-03	P	V		1		1.80E+04	Nitromethane	75-52-5	8.80E+01	n	3.70E+02	n	1.00E+01	n	
		2.70E-03	H			2.00E-02	I	V		1		4.86E+03	Nitropropane, 2-	79-46-9	1.40E+00	c	6.00E+00	c	2.10E-01	c	
2.70E+01	C	7.70E-03	C						M	1	0.1		Nitroso-N-ethylurea, N-	759-73-9	4.50E-01	c	8.50E+00	c	9.20E-02	c	
1.20E+02	C	3.40E-02	C						M	1	0.1		Nitroso-N-methylurea, N-	684-93-5	1.00E-01	c	1.90E+00	c	2.10E-02	c	
5.40E+00	I	1.60E-03	I					V		1			Nitroso-di-N-butylamine, N-	924-16-3	9.90E+00	c	4.60E+01	c	2.70E-01	c	
7.00E+00	I	2.00E-03	C							1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.80E+00	c	3.30E+01	c	1.10E+00	c	
2.80E+00	I	8.00E-04	C							1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.90E+01	c	8.20E+01	c	2.80E+00	c	
1.50E+02	I	4.30E-02	I						M	1	0.1		Nitrosodiethylamine, N-	55-18-5	8.10E-02	c	1.50E+00	c	1.70E-02	c	
5.10E+01	I	1.40E-02	I	8.00E-06	P	4.00E-05	X	V	M	1		2.37E+05	Nitrosodimethylamine, N-	62-75-9	2.00E-01	c**	3.40E+00	c**	1.10E-02	c**	
4.90E-03	I	2.60E-06	C							1	0.1		Nitrosodiphenylamine, N-	86-30-6	1.10E+04	c	4.70E+04	c	1.20E+03	c	
2.20E+01	I	6.30E-03	C					V		1		1.08E+05	Nitrosomethylethylamine, N-	10595-95-6	2.00E+00	c	9.10E+00	c	7.10E-02	c	
6.70E+00	C	1.90E-03	C							1	0.1		Nitrosomorpholine [N-]	59-89-2	8.10E+00	c	3.40E+01	c	1.20E+00	c	
9.40E+00	C	2.70E-03	C							1	0.1		Nitrosopiperidine [N-]	100-75-4	5.80E+00	c	2.40E+01	c	8.20E-01	c	
2.10E+00	I	6.10E-04	I							1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.60E+01	c	1.10E+02	c	3.70E+00	c	
				1.00E-04	X					1	0.1		Nitrotoluene, m-	99-08-1	6.30E+00	n	8.20E+01	n	1.70E+00	n	
2.20E-01	P			9.00E-04	P			V		1		1.51E+03	Nitrotoluene, o-	88-72-2	7.00E+01	n	1.10E+03	n	1.60E+01	n	
1.60E-02	P			4.00E-03	P					1	0.1		Nitrotoluene, p-	99-99-0	2.50E+02	n	3.30E+03	n	7.10E+01	n	
				3.00E-04	X	2.00E-02	P	V		1		6.86E+00	Nonane, n-	111-84-2	1.10E+01	ns	7.20E+01	ns	5.30E+00	n	
				4.00E-02	I					1	0.1		Norflurazon	27314-13-2	2.50E+03	n	3.30E+04	n	7.70E+02	n	
				3.00E-03	I					1	0.1		Octabromodiphenyl Ether	32536-52-0	1.90E+02	n	2.50E+03	n	6.00E+01	n	
				5.00E-02	I					1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.90E+03	n	5.70E+04	n	1.00E+03	n	
				2.00E-03	H					1	0.1		Octamethylpyrophosphoramide	152-16-9	1.30E+02	n	1.60E+03	n	4.00E+01	n	
				5.00E-02	I					1	0.1		Oryzalin	19044-88-3	3.20E+03	n	4.10E+04	n	8.10E+02	n	
				5.00E-03	I					1	0.1		Oxadiazon	19666-30-9	3.20E+02	n	4.10E+03	n	4.70E+01	n	
				2.50E-02	I					1	0.1		Oxamyl	23135-22-0	1.60E+03	n	2.10E+04	n	5.00E+02	n	2.0E+02
				3.00E-03	I					1	0.1		Oxyfluorfen	42874-03-3	1.90E+02	n	2.50E+03	n	3.20E+01	n	
				1.30E-02	I					1	0.1		Paclobutrazol	76738-62-0	8.20E+02	n	1.10E+04	n	2.30E+02	n	
				4.50E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.80E+02	n	3.70E+03	n	9.00E+01	n	
				6.00E-03	H					1	0.1		Parathion	56-38-2	3.80E+02	n	4.90E+03	n	8.60E+01	n	
				5.00E-02	H			V		1			Pebulate	1114-71-2	3.90E+03	n	5.80E+04	n	5.60E+02	n	
				4.00E-02	I					1	0.1		Pendimethalin	40487-42-1	2.50E+03	n	3.30E+04	n	1.80E+02	n	
				2.00E-03	I			V		1		3.12E-01	Pentabromodiphenyl Ether	32534-81-9	1.60E+02	ns	2.30E+03	ns	4.00E+01	n	
				1.00E-04	I					1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				8.00E-04	I			V		1			Pentachlorobenzene	608-93-5	6.30E+01	n	9.30E+02	n	3.20E+00	n	
9.00E-02	P							V		1		4.57E+02	Pentachloroethane	76-01-7	7.70E+02	cs	3.60E+03	cs	6.50E+01	c	
2.60E-01	H			3.00E-03	I			V		1			Pentachloronitrobenzene	82-68-8	2.30E+02	n	1.30E+03	c**	1.20E+01	c**	
4.00E-01	I	5.10E-06	C	5.00E-03	I					1	0.25		Pentachlorophenol	87-86-5	1.00E+02	c**	4.00E+02	c**	4.10E+00	c**	1.0E+00
4.00E-03	X			2.00E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.30E+02	n	1.60E+03	n	3.90E+01	n	
						1.00E+00	P	V		1		3.88E+02	Pentane, n-	109-66-0	8.10E+02	ns	3.40E+03	ns	2.10E+03	n	
													Perchlorates								
				7.00E-04	I					1			~Ammonium Perchlorate	7790-98-9	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				7.00E-04	I					1			~Lithium Perchlorate	7791-03-9	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				7.00E-04	I					1			~Perchlorate and Perchlorate Salts	14797-73-0	5.50E+01	n	8.20E+02	n	1.40E+01	n	1.5E+01(F)
				7.00E-04	I					1			~Potassium Perchlorate	7778-74-7	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				7.00E-04	I					1			~Sodium Perchlorate	7601-89-0	5.50E+01	n	8.20E+02	n	1.40E+01	n	
				2.00E-02	P			V		1			Perfluorobutane Sulfonate	375-73-5	1.60E+03	n	2.30E+04	n	3.80E+02	n	
				5.00E-02	I					1	0.1		Permethrin	52645-53-1	3.20E+03	n	4.10E+04	n	1.00E+03	n	
2.20E-03	C	6.30E-07	C							1	0.1		Phenacetin	62-44-2	2.50E+04	c	1.00E+05	cm	3.40E+03	c	
				2.50E-01	I					1	0.1		Phenmedipham	13684-63-4	1.60E+04	n	2.10E+05	nm	4.00E+03	n	
				3.00E-01	I	2.00E-01	C			1	0.1		Phenol	108-95-2	1.90E+04	n	2.50E+05	nm	5.80E+03	n	
				4.00E-03	I					1	0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.50E+02	n	3.30E+03	n	7.80E+01	n	
				5.00E-04	X					1	0.1		Phenothiazine	92-84-2	3.20E+01	n	4.10E+02	n	4.30E+00	n	

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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		Removal Levels						
SFO $(mg/kg\text{-}day)^{-1}$	key	IUR $(ug/m^3)^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)		Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				6.00E-03	I					1	0.1			Phenylenediamine, m-	108-45-2	3.80E+02	n	4.90E+03	n	1.20E+02	n	
4.70E-02	H									1	0.1			Phenylenediamine, o-	95-54-5	1.20E+03	c	4.90E+03	c	1.60E+02	c	
				1.90E-01	H					1	0.1			Phenylenediamine, p-	106-50-3	1.20E+04	n	1.60E+05	nm	3.80E+03	n	
1.90E-03	H									1	0.1			Phenylphenol, 2-	90-43-7	2.80E+04	c	1.20E+05	cm	3.00E+03	c	
				2.00E-04	H					1	0.1			Phorate	298-02-2	1.30E+01	n	1.60E+02	n	3.00E+00	n	
						3.00E-04	I	V		1		1.61E+03		Phosgene	75-44-5	3.10E-01	n	1.30E+00	n			
				2.00E-02	I					1	0.1			Phosmet	732-11-6	1.30E+03	n	1.60E+04	n	3.70E+02	n	
														Phosphates, Inorganic								
				4.90E+01	P					1				~Aluminum metaphosphate	13776-88-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Ammonium polyphosphate	68333-79-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Calcium pyrophosphate	7790-76-3	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Diammonium phosphate	7783-28-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Dicalcium phosphate	7757-93-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Dimagnesium phosphate	7782-75-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Dipotassium phosphate	7758-11-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Disodium phosphate	7558-79-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Monoaluminum phosphate	13530-50-2	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Monoammonium phosphate	7722-76-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Monocalcium phosphate	7758-23-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Monomagnesium phosphate	7757-86-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Monopotassium phosphate	7778-77-0	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Monosodium phosphate	7558-80-7	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Polyphosphoric acid	8017-16-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Potassium tripolyphosphate	13845-36-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium acid pyrophosphate	7758-16-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium aluminum phosphate (acidic)	7785-88-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium aluminum phosphate (anhydrous)	10279-59-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium hexametaphosphate	10124-56-8	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium polyphosphate	68915-31-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium trimetaphosphate	7785-84-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Sodium tripolyphosphate	7758-29-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Tetrapotassium phosphate	7320-34-5	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Tetrasodium pyrophosphate	7722-88-5	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Tricalcium phosphate	7758-87-4	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Trimagnesium phosphate	7757-87-1	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Tripotassium phosphate	7778-53-2	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				4.90E+01	P					1				~Trisodium phosphate	7601-54-9	3.80E+06	nm	5.70E+07	nm	9.70E+05	n	
				3.00E-04	I	3.00E-04	I	V		1				Phosphine	7803-51-2	2.30E+01	n	3.50E+02	n	5.70E-01	n	
				4.90E+01	P	1.00E-02	I			1				Phosphoric Acid	7664-38-2	3.00E+06	nm	2.90E+07	nm	9.70E+05	n	
				2.00E-05	I			V		1				Phosphorus, White	7723-14-0	1.60E+00	n	2.30E+01	n	4.00E-01	n	
														Phthalates								
1.40E-02	I	2.40E-06	C	2.00E-02	I					1	0.1			~Bis(2-ethylhexyl)phthalate	117-81-7	1.30E+03	n	1.60E+04	c**	4.00E+02	n	6.0E+00
1.90E-03	P			2.00E-01	I					1	0.1			~Butyl Benzyl Phthalate	85-68-7	1.30E+04	n	1.20E+05	c**m	1.60E+03	c**	
				1.00E+00	I					1	0.1			~Butylphthalyl Butylglycolate	85-70-1	6.30E+04	n	8.20E+05	nm	1.30E+04	n	
				1.00E-01	I					1	0.1			~Dibutyl Phthalate	84-74-2	6.30E+03	n	8.20E+04	n	9.00E+02	n	
				8.00E-01	I					1	0.1			~Diethyl Phthalate	84-66-2	5.10E+04	n	6.60E+05	nm	1.50E+04	n	
				1.00E-01	I			V		1				~Dimethylterephthalate	120-61-6	7.80E+03	n	1.20E+05	nm	1.90E+03	n	
				1.00E-02	P					1	0.1			~Octyl Phthalate, di-N-	117-84-0	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				1.00E+00	H					1	0.1			~Phthalic Acid, P-	100-21-0	6.30E+04	n	8.20E+05	nm	1.90E+04	n	
				2.00E+00	I	2.00E-02	C			1	0.1			~Phthalic Anhydride	85-44-9	1.30E+05	nm	1.60E+06	nm	3.90E+04	n	
				7.00E-02	I					1	0.1			Picloram	1918-02-1	4.40E+03	n	5.70E+04	n	1.40E+03	n	5.0E+02
				1.00E-04	X					1	0.1			Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.30E+00	n	8.20E+01	n	2.00E+00	n	

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Toxicity and Chemical-specific Information														Contaminant		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				9.00E-04	X					1	0.1		Picric Acid (2,4,6-Trinitrophenol)	88-89-1	5.70E+01	n	7.40E+02	n	1.80E+01	n	
				1.00E-02	I					1	0.1		Pirimiphos, Methyl	29232-93-7	6.30E+02	n	8.20E+03	n	1.20E+02	n	
3.00E+01	C	8.60E-03	C	7.00E-06	H					1	0.1		Polybrominated Biphenyls	59536-65-1	4.40E-01	n	5.70E+00	n	1.40E-01	n	
													Polychlorinated Biphenyls (PCBs)								
7.00E-02	S	2.00E-05	S	7.00E-05	I			V		1	0.14		~Aroclor 1016	12674-11-2	4.10E+00	n	5.10E+01	n	1.40E+00	n	
2.00E+00	S	5.70E-04	S					V		1	0.14		~Aroclor 1221	11104-28-2	2.00E+01	c	8.30E+01	c	4.70E-01	c	
2.00E+00	S	5.70E-04	S					V		1	0.14		~Aroclor 1232	11141-16-5	1.70E+01	c	7.20E+01	c	4.70E-01	c	
2.00E+00	S	5.70E-04	S					V		1	0.14		~Aroclor 1242	53469-21-9	2.30E+01	c	9.50E+01	c	7.80E-01	c	
2.00E+00	S	5.70E-04	S					V		1	0.14		~Aroclor 1248	12672-29-6	2.30E+01	c	9.50E+01	c	7.80E-01	c	
2.00E+00	S	5.70E-04	S	2.00E-05	I			V		1	0.14		~Aroclor 1254	11097-69-1	1.20E+00	n	1.50E+01	n	4.00E-01	n	
2.00E+00	S	5.70E-04	S					V		1	0.14		~Aroclor 1260	11096-82-5	2.40E+01	c	9.90E+01	c	7.80E-01	c	
				6.00E-04	X			V		1	0.14		~Aroclor 5460	11126-42-4	3.50E+01	n	4.40E+02	n	1.20E+01	n	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+03	E	1.10E+00	E	2.30E-08	E	1.30E-06	E	V		1	0.14		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.40E-03	n	1.70E-02	n	4.00E-04	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
3.90E+00	E	1.10E-03	E	2.30E-05	E	1.30E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.40E+00	n	1.70E+01	n	4.00E-01	c**	
1.30E+04	E	3.80E+00	E	7.00E-09	E	4.00E-07	E	V		1	0.14		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.10E-04	n	5.10E-03	n	1.20E-04	c**	
2.00E+00	I	5.70E-04	I					V		1	0.14		~Polychlorinated Biphenyls (high risk)	1336-36-3	2.30E+01	c	9.40E+01	c			
4.00E-01	I	1.00E-04	I					V		1	0.14		~Polychlorinated Biphenyls (low risk)	1336-36-3					4.40E+00	c	5.0E-01
7.00E-02	I	2.00E-05	I					V		1	0.14		~Polychlorinated Biphenyls (lowest risk)	1336-36-3							
1.30E+01	E	3.80E-03	E	7.00E-06	E	4.00E-04	E			1	0.14		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	4.10E-01	n	5.10E+00	n	1.40E-01	n	
3.90E+01	E	1.10E-02	E	2.30E-06	E	1.30E-04	E	V		1	0.14		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.40E-01	n	1.70E+00	n	4.00E-02	c**	
						6.00E-04	I			1	0.1		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.50E+05	nm	3.60E+06	nm			
													Polynuclear Aromatic Hydrocarbons (PAHs)								
				6.00E-02	I			V		1	0.13		~Acenaphthene	83-32-9	3.60E+03	n	4.50E+04	n	5.30E+02	n	
				3.00E-01	I			V		1	0.13		~Anthracene	120-12-7	1.80E+04	n	2.30E+05	nm	1.80E+03	n	
7.30E-01	E	1.10E-04	C					V	M	1	0.13		~Benz[a]anthracene	56-55-3	1.60E+01	c	2.90E+02	c	1.20E+00	c	
1.20E+00	C	1.10E-04	C							1	0.13		~Benzo(j)fluoranthene	205-82-3	4.20E+01	c	1.80E+02	c	6.50E+00	c	
7.30E+00	I	1.10E-03	C						M	1	0.13		~Benzo[a]pyrene	50-32-8	1.60E+00	c	2.90E+01	c	3.40E-01	c	2.0E-01
7.30E-01	E	1.10E-04	C						M	1	0.13		~Benzo[b]fluoranthene	205-99-2	1.60E+01	c	2.90E+02	c	3.40E+00	c	
7.30E-02	E	1.10E-04	C						M	1	0.13		~Benzo[k]fluoranthene	207-08-9	1.60E+02	c	2.90E+03	c	3.40E+01	c	
				8.00E-02	I			V		1	0.13		~Chloronaphthalene, Beta-	91-58-7	4.80E+03	n	6.00E+04	n	7.50E+02	n	
7.30E-03	E	1.10E-05	C						M	1	0.13		~Chrysene	218-01-9	1.60E+03	c	2.90E+04	c	3.40E+02	c	
7.30E+00	E	1.20E-03	C						M	1	0.13		~Dibenz[a,h]anthracene	53-70-3	1.60E+00	c	2.90E+01	c	3.40E-01	c	
1.20E+01	C	1.10E-03	C							1	0.13		~Dibenzo(a,e)pyrene	192-65-4	4.20E+00	c	1.80E+01	c	6.50E-01	c	
2.50E+02	C	7.10E-02	C						M	1	0.13		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.60E-02	c	8.40E-01	c	1.00E-02	c	
				4.00E-02	I					1	0.13		~Fluoranthene	206-44-0	2.40E+03	n	3.00E+04	n	8.00E+02	n	
				4.00E-02	I			V		1	0.13		~Fluorene	86-73-7	2.40E+03	n	3.00E+04	n	2.90E+02	n	
7.30E-01	E	1.10E-04	C						M	1	0.13		~Indeno[1,2,3-cd]pyrene	193-39-5	1.60E+01	c	2.90E+02	c	3.40E+00	c	
2.90E-02	P			7.00E-02	A			V		1	0.13	3.94E+02	~Methylnaphthalene, 1-	90-12-0	1.80E+03	c**s	7.30E+03	c**s	1.10E+02	c**	
				4.00E-03	I			V		1	0.13		~Methylnaphthalene, 2-	91-57-6	2.40E+02	n	3.00E+03	n	3.60E+01	n	
		3.40E-05	C	2.00E-02	I	3.00E-03	I	V		1	0.13		~Naphthalene	91-20-3	1.30E+02	n	5.90E+02	n	6.10E+00	n	
1.20E+00	C	1.10E-04	C							1	0.13		~Nitropyrene, 4-	57835-92-4	4.20E+01	c	1.80E+02	c	1.90E+00	c	
				3.00E-02	I			V		1	0.13		~Pyrene	129-00-0	1.80E+03	n	2.30E+04	n	1.20E+02	n	
				2.00E-02	P					1	0.1		Potassium Perfluorobutane Sulfonate	29420-49-3	1.30E+03	n	1.60E+04	n	4.00E+02	n	
1.50E-01	I			9.00E-03	I					1	0.1		Prochloraz	67747-09-5	3.60E+02	c**	1.50E+03	c**	3.80E+01	c**	
				6.00E-03	H			V		1			Profluralin	26399-36-0	4.70E+02	n	7.00E+03	n	2.60E+01	n	
				1.50E-02	I					1	0.1		Prometon	1610-18-0	9.50E+02	n	1.20E+04	n	2.50E+02	n	
				4.00E-03	I					1	0.1		Prometryn	7287-19-6	2.50E+02	n	3.30E+03	n	6.00E+01	n	

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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		Removal Levels						
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				1.30E-02	I					1	0.1		Propachlor	1918-16-7	8.20E+02	n	1.10E+04	n	2.50E+02	n	
				5.00E-03	I					1	0.1		Propanil	709-98-8	3.20E+02	n	4.10E+03	n	8.20E+01	n	
				2.00E-02	I					1	0.1		Propargite	2312-35-8	1.30E+03	n	1.60E+04	n	1.60E+02	n	
				2.00E-03	I			V		1		1.11E+05	Propargyl Alcohol	107-19-7	1.60E+02	n	2.30E+03	n	4.00E+01	n	
				2.00E-02	I					1	0.1		Propazine	139-40-2	1.30E+03	n	1.60E+04	n	3.40E+02	n	
				2.00E-02	I					1	0.1		Propham	122-42-9	1.30E+03	n	1.60E+04	n	3.50E+02	n	
				1.30E-02	I					1	0.1		Propiconazole	60207-90-1	8.20E+02	n	1.10E+04	n	2.10E+02	n	
						8.00E-03	I	V		1		3.26E+04	Propionaldehyde	123-38-6	7.50E+01	n	3.10E+02	n	1.70E+01	n	
				1.00E-01	X	1.00E+00	X	V		1		2.64E+02	Propyl benzene	103-65-1	3.80E+03	ns	2.40E+04	ns	6.60E+02	n	
						3.00E+00	C	V		1		3.49E+02	Propylene	115-07-1	2.20E+03	ns	9.30E+03	ns	6.30E+03	n	
				2.00E+01	P					1	0.1		Propylene Glycol	57-55-6	1.30E+06	nm	1.60E+07	nm	4.00E+05	n	
						2.70E-04	A			1	0.1		Propylene Glycol Dinitrate	6423-43-4	3.90E+05	nm	1.60E+06	nm			
				7.00E-01	H	2.00E+00	I	V		1		1.06E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.10E+04	n	3.70E+05	nms	3.20E+03	n	
2.40E-01	I	3.70E-06	I			3.00E-02	I	V		1		7.77E+04	Propylene Oxide	75-56-9	2.10E+02	c**	9.70E+02	c**	2.70E+01	c**	
				7.50E-02	I					1	0.1		Propyzamide	23950-58-5	4.70E+03	n	6.20E+04	n	1.20E+03	n	
				1.00E-03	I			V		1		5.30E+05	Pyridine	110-86-1	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				5.00E-04	I					1	0.1		Quinalphos	13593-03-8	3.20E+01	n	4.10E+02	n	5.10E+00	n	
3.00E+00	I									1	0.1		Quinoline	91-22-5	1.80E+01	c	7.70E+01	c	2.40E+00	c	
				9.00E-03	I					1	0.1		Quizalofop-ethyl	76578-14-8	5.70E+02	n	7.40E+03	n	1.20E+02	n	
						3.00E-02	A			1			Refractory Ceramic Fibers	NA	4.30E+07	nm	1.80E+08	nm			
				3.00E-02	I					1	0.1		Resmethrin	10453-86-8	1.90E+03	n	2.50E+04	n	6.70E+01	n	
				5.00E-02	H			V		1			Ronnel	299-84-3	3.90E+03	n	5.80E+04	n	4.10E+02	n	
				4.00E-03	I					1	0.1		Rotenone	83-79-4	2.50E+02	n	3.30E+03	n	6.10E+01	n	
2.20E-01	C	6.30E-05	C						M	1	0.1		Safrole	94-59-7	5.50E+01	c	1.00E+03	c	9.60E+00	c	
				5.00E-03	I					1			Selenious Acid	7783-00-8	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				5.00E-03	I	2.00E-02	C			1			Selenium	7782-49-2	3.90E+02	n	5.80E+03	n	1.00E+02	n	5.0E+01
				5.00E-03	C	2.00E-02	C			1			Selenium Sulfide	7446-34-6	3.90E+02	n	5.80E+03	n	1.00E+02	n	
				9.00E-02	I					1	0.1		Sethoxydim	74051-80-2	5.70E+03	n	7.40E+04	n	1.00E+03	n	
						3.00E-03	C			1			Silica (crystalline, respirable)	7631-86-9	4.30E+06	nm	1.80E+07	nm			
				5.00E-03	I					0.04			Silver	7440-22-4	3.90E+02	n	5.80E+03	n	9.40E+01	n	
1.20E-01	H			5.00E-03	I					1	0.1		Simazine	122-34-9	3.20E+02	n	1.90E+03	c**	6.10E+01	c**	4.0E+00
				1.30E-02	I					1	0.1		Sodium Acifluorfen	62476-59-9	8.20E+02	n	1.10E+04	n	2.60E+02	n	
				4.00E-03	I					1			Sodium Azide	26628-22-8	3.10E+02	n	4.70E+03	n	8.00E+01	n	
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Sodium Dichromate	10588-01-9	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
2.70E-01	H			3.00E-02	I					1	0.1		Sodium Diethyldithiocarbamate	148-18-5	2.00E+02	c**	8.50E+02	c*	2.90E+01	c*	
				5.00E-02	A	1.30E-02	C			1			Sodium Fluoride	7681-49-4	3.90E+03	n	5.80E+04	n	1.00E+03	n	
				2.00E-05	I					1	0.1		Sodium Fluoroacetate	62-74-8	1.30E+00	n	1.60E+01	n	4.00E-01	n	
				1.00E-03	H					1			Sodium Metavanadate	13718-26-8	7.80E+01	n	1.20E+03	n	2.00E+01	n	
				8.00E-04	P					1			Sodium Tungstate	13472-45-2	6.30E+01	n	9.30E+02	n	1.60E+01	n	
				8.00E-04	P					1			Sodium Tungstate Dihydrate	10213-10-2	6.30E+01	n	9.30E+02	n	1.60E+01	n	
2.40E-02	H			3.00E-02	I					1	0.1		Stirofos (Tetrachlorovinphos)	961-11-5	1.90E+03	n	9.60E+03	c**	2.80E+02	c**	
5.00E-01	C	1.50E-01	C	2.00E-02	C	2.00E-04	C		M	0.025			Strontium Chromate	7789-06-2	3.00E+01	c*	6.20E+02	c*	4.10E+00	c*	
				6.00E-01	I					1			Strontium, Stable	7440-24-6	4.70E+04	n	7.00E+05	nm	1.20E+04	n	
				3.00E-04	I					1	0.1		Strychnine	57-24-9	1.90E+01	n	2.50E+02	n	5.90E+00	n	
				2.00E-01	I	1.00E+00	I	V		1		8.67E+02	Styrene	100-42-5	6.00E+03	ns	3.50E+04	ns	1.20E+03	n	1.0E+02
				3.00E-03	P					1	0.1		Styrene-Acrylonitrile (SAN) Trimer	NA	1.90E+02	n	2.50E+03	n	4.80E+01	n	
				1.00E-03	P	2.00E-03	X			1	0.1		Sulfolane	126-33-0	6.30E+01	n	8.20E+02	n	2.00E+01	n	
				8.00E-04	P					1	0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.10E+01	n	6.60E+02	n	1.10E+01	n	
						1.00E-03	C	V		1			Sulfur Trioxide	7446-11-9	1.40E+06	nm	6.00E+06	nm	2.10E+00	n	
						1.00E-03	C			1			Sulfuric Acid	7664-93-9	1.40E+06	nm	6.00E+06	nm			
2.50E-02	I	7.10E-06	I	5.00E-02	H					1	0.1		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.20E+03	c**	9.20E+03	c**	1.30E+02	c**	
				3.00E-02	H					1	0.1		TCMTB	21564-17-0	1.90E+03	n	2.50E+04	n	4.80E+02	n	
				7.00E-02	I					1	0.1		Tebuthiuron	34014-18-1	4.40E+03	n	5.70E+04	n	1.40E+03	n	
				2.00E-02	H					1	0.1		Temephos	3383-96-8	1.30E+03	n	1.60E+04	n	4.00E+02	n	

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SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
				1.30E-02	I					1	0.1		Terbacil	5902-51-2	8.20E+02	n	1.10E+04	n	2.50E+02	n	
				2.50E-05	H			V		1		3.09E+01	Terbufos	13071-79-9	2.00E+00	n	2.90E+01	n	2.40E-01	n	
				1.00E-03	I					1	0.1		Terbutryn	886-50-0	6.30E+01	n	8.20E+02	n	1.30E+01	n	
				1.00E-04	I					1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.30E+00	n	8.20E+01	n	2.00E+00	n	
				3.00E-04	I			V		1			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.30E+01	n	3.50E+02	n	1.70E+00	n	
2.60E-02	I	7.40E-06	I	3.00E-02	I			V		1		6.80E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.00E+02	c*	8.80E+02	c*s	5.70E+01	c**	
2.00E-01	I	5.80E-05	C	2.00E-02	I			V		1		1.90E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.00E+01	c*	2.70E+02	c*	7.60E+00	c*	
2.10E-03	I	2.60E-07	I	6.00E-03	I	4.00E-02	I	V		1		1.66E+02	Tetrachloroethylene	127-18-4	8.10E+01	n	3.90E+02	ns	4.10E+01	n	5.0E+00
				3.00E-02	I					1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.90E+03	n	2.50E+04	n	2.40E+02	n	
2.00E+01	H							V		1			Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.50E+00	c	1.60E+01	c	1.30E-01	c	
				5.00E-04	I					1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.20E+01	n	4.10E+02	n	7.10E+00	n	
						8.00E+01	I	V		1		2.05E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.00E+05	nms	4.30E+05	nms	1.70E+05	n	
				2.00E-03	P					1	0.0007		Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.60E+02	n	2.30E+03	n	3.90E+01	n	
				2.00E-05	S					1			Thallic Oxide	1314-32-5	1.60E+00	n	2.30E+01	n	4.00E-01	n	
				1.00E-05	X					1			Thallium (I) Nitrate	10102-45-1	7.80E-01	n	1.20E+01	n	2.00E-01	n	
				1.00E-05	X					1			Thallium (Soluble Salts)	7440-28-0	7.80E-01	n	1.20E+01	n	2.00E-01	n	2.0E+00
				1.00E-05	X			V		1			Thallium Acetate	563-68-8	7.80E-01	n	1.20E+01	n	2.00E-01	n	
				2.00E-05	X			V		1			Thallium Carbonate	6533-73-9	1.60E+00	n	2.30E+01	n	4.00E-01	n	
				1.00E-05	X					1			Thallium Chloride	7791-12-0	7.80E-01	n	1.20E+01	n	2.00E-01	n	
				1.00E-05	S					1			Thallium Selenite	12039-52-0	7.80E-01	n	1.20E+01	n	2.00E-01	n	
				2.00E-05	X					1			Thallium Sulfate	7446-18-6	1.60E+00	n	2.30E+01	n	4.00E-01	n	
				1.30E-02	I					1	0.1		Thifensulfuron-methyl	79277-27-3	8.20E+02	n	1.10E+04	n	2.60E+02	n	
				1.00E-02	I					1	0.1		Thiobencarb	28249-77-6	6.30E+02	n	8.20E+03	n	1.60E+02	n	
				7.00E-02	X					1	0.0075		Thiodiglycol	111-48-8	5.40E+03	n	7.90E+04	n	1.40E+03	n	
				3.00E-04	H					1	0.1		Thiofanox	39196-18-4	1.90E+01	n	2.50E+02	n	5.30E+00	n	
				8.00E-02	I					1	0.1		Thiophanate, Methyl	23564-05-8	5.10E+03	n	6.60E+04	n	1.60E+03	n	
				5.00E-03	I					1	0.1		Thiram	137-26-8	3.20E+02	n	4.10E+03	n	9.80E+01	n	
				6.00E-01	H					1			Tin	7440-31-5	4.70E+04	n	7.00E+05	nm	1.20E+04	n	
						1.00E-04	A	V		1			Titanium Tetrachloride	7550-45-0	1.40E+05	nm	6.00E+05	nm	2.10E-01	n	
				8.00E-02	I	5.00E+00	I	V		1		8.18E+02	Toluene	108-88-3	4.90E+03	ns	4.70E+04	ns	1.10E+03	n	1.0E+03
		1.10E-05	C			8.00E-06	C	V		1			Toluene-2,4-diisocyante	584-84-9	6.40E+00	n	2.70E+01	n	1.70E-02	n	
1.80E-01	X			2.00E-04	X					1	0.1		Toluene-2,5-diamine	95-70-5	1.30E+01	n	1.60E+02	n	4.00E+00	n	
		1.10E-05	C			8.00E-06	C	V		1		1.71E+03	Toluene-2,6-diisocyante	91-08-7	5.30E+00	n	2.20E+01	n	1.70E-02	n	
1.60E-02	P	5.10E-05	C							1	0.1		Toluidine, o- (Methylaniline, 2-)	95-53-4	3.40E+03	c	1.40E+04	c	4.70E+02	c	
3.00E-02	P			4.00E-03	X					1	0.1		Toluidine, p-	106-49-0	2.50E+02	n	3.30E+03	n	7.70E+01	n	
				3.00E+00	P			V		1		3.42E-01	Total Petroleum Hydrocarbons (Aliphatic High)	NA	2.30E+05	nms	3.50E+06	nms	6.00E+04	n	
						6.00E-01	P	V		1		1.41E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA	5.20E+02	ns	2.20E+03	ns	1.30E+03	n	
				1.00E-02	X	1.00E-01	P	V		1		6.86E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	9.60E+01	ns	4.40E+02	ns	1.00E+02	n	
				4.00E-02	P					1	0.1		Total Petroleum Hydrocarbons (Aromatic High)	NA	2.50E+03	n	3.30E+04	n	8.00E+02	n	
				4.00E-03	P	3.00E-02	P	V		1		1.82E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA	8.20E+01	n	4.20E+02	n	3.30E+01	n	
				4.00E-03	P	3.00E-03	P	V		1			Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.10E+02	n	6.00E+02	n	5.50E+00	n	
1.10E+00	I	3.20E-04	I							1	0.1		Toxaphene	8001-35-2	4.90E+01	c	2.10E+02	c	7.10E+00	c	3.0E+00
				7.50E-03	I					1	0.1		Tralomethrin	66841-25-6	4.70E+02	n	6.20E+03	n	1.50E+02	n	
				3.00E-04	A			V		1			Tri-n-butyltin	688-73-3	2.30E+01	n	3.50E+02	n	3.70E+00	n	
				8.00E+01	X					1	0.1		Triacetin	102-76-1	5.10E+06	nm	6.60E+07	nm	1.60E+06	n	
				3.00E-02	I					1	0.1		Triadimefon	43121-43-3	1.90E+03	n	2.50E+04	n	5.50E+02	n	
				1.30E-02	I			V		1			Triallate	2303-17-5	1.00E+03	n	1.50E+04	n	1.20E+02	n	
				1.00E-02	I					1	0.1		Triasulfuron	82097-50-5	6.30E+02	n	8.20E+03	n	2.00E+02	n	
				8.00E-03	I					1	0.1		Tribenuron-methyl	101200-48-0	5.10E+02	n	6.60E+03	n	1.60E+02	n	
				5.00E-03	I			V		1			Tribromobenzene, 1,2,4-	615-54-3	3.90E+02	n	5.80E+03	n	4.50E+01	n	
9.00E-03	P			1.00E-02	P					1	0.1		Tributyl Phosphate	126-73-8	6.30E+02	n	8.20E+03	n	1.20E+02	n	
				3.00E-04	P					1	0.1		Tributyltin Compounds	NA	1.90E+01	n	2.50E+02	n	6.00E+00	n	
				3.00E-04	I					1	0.1		Tributyltin Oxide	56-35-9	1.90E+01	n	2.50E+02	n	5.70E+00	n	
				3.00E+01	I	3.00E+01	H	V		1		9.10E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.00E+04	ns	1.70E+05	nms	5.50E+04	n	

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Toxicity and Chemical-specific Information															Contaminant		Removal Levels						
SFO $(mg/kg\text{-}day)^{-1}$	key	IUR $(ug/m^3)^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	GIABS	ABS	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Tapwater (ug/L)	key	MCL (ug/L)
7.00E-02	I			2.00E-02	I					1	0.1		Trichloroacetic Acid	76-03-9	7.80E+02	c**	3.30E+03	c**	1.10E+02	c**	6.0E+01
2.90E-02	H									1	0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.90E+03	c	7.90E+03	c	2.70E+02	c	
7.00E-03	X			3.00E-05	X					1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.90E+00	n	2.50E+01	n	4.00E-01	n	
				8.00E-04	X			V		1			Trichlorobenzene, 1,2,3-	87-61-6	6.30E+01	n	9.30E+02	n	7.00E+00	n	
2.90E-02	P			1.00E-02	I	2.00E-03	P	V		1		4.04E+02	Trichlorobenzene, 1,2,4-	120-82-1	5.80E+01	n	2.60E+02	n	4.00E+00	n	7.0E+01
				2.00E+00	I	5.00E+00	I	V		1		6.40E+02	Trichloroethane, 1,1,1-	71-55-6	8.10E+03	ns	3.60E+04	ns	8.00E+03	n	2.0E+02
5.70E-02	I	1.60E-05	I	4.00E-03	I	2.00E-04	X	V		1		2.16E+03	Trichloroethane, 1,1,2-	79-00-5	1.50E+00	n	6.30E+00	n	4.10E-01	n	5.0E+00
4.60E-02	I	4.10E-06	I	5.00E-04	I	2.00E-03	I	V	M	1		6.92E+02	Trichloroethylene	79-01-6	4.10E+00	n	1.90E+01	n	2.80E+00	n	5.0E+00
				3.00E-01	I			V		1		1.23E+03	Trichlorofluoromethane	75-69-4	2.30E+04	ns	3.50E+05	nms	5.20E+03	n	
				1.00E-01	I					1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.30E+03	n	8.20E+04	n	1.20E+03	n	
1.10E-02	I	3.10E-06	I	1.00E-03	P					1	0.1		Trichlorophenol, 2,4,6-	88-06-2	6.30E+01	n	8.20E+02	n	1.20E+01	n	
				1.00E-02	I					1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.30E+02	n	8.20E+03	n	1.60E+02	n	
				8.00E-03	I					1	0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.10E+02	n	6.60E+03	n	1.10E+02	n	5.0E+01
				5.00E-03	I			V		1		1.28E+03	Trichloropropane, 1,1,2-	598-77-6	3.90E+02	n	5.80E+03	ns	8.80E+01	n	
3.00E+01	I			4.00E-03	I	3.00E-04	I	V	M	1		1.40E+03	Trichloropropane, 1,2,3-	96-18-4	5.10E-01	c**	1.10E+01	c**	7.50E-02	c**	
				3.00E-03	X	3.00E-04	P	V		1		3.11E+02	Trichloropropene, 1,2,3-	96-19-5	7.30E-01	n	3.10E+00	n	6.20E-01	n	
				2.00E-02	A					1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.30E+03	n	1.60E+04	n	1.60E+02	n	
				3.00E-03	I					1	0.1		Tridiphane	58138-08-2	1.90E+02	n	2.50E+03	n	1.80E+01	n	
						7.00E-03	I	V		1		2.79E+04	Triethylamine	121-44-8	1.20E+02	n	4.80E+02	n	1.50E+01	n	
				2.00E+00	P					1	0.1		Triethylene Glycol	112-27-6	1.30E+05	nm	1.60E+06	nm	4.00E+04	n	
						2.00E+01	P	V		1		4.81E+03	Trifluoroethane, 1,1,1-	420-46-2	1.50E+04	ns	6.20E+04	ns	4.20E+04	n	
7.70E-03	I			7.50E-03	I			V		1			Trifluralin	1582-09-8	5.90E+02	n	8.80E+03	n	4.00E+01	n	
2.00E-02	P			1.00E-02	P					1	0.1		Trimethyl Phosphate	512-56-1	6.30E+02	n	8.20E+03	n	2.00E+02	n	
						5.00E-03	P	V		1		2.93E+02	Trimethylbenzene, 1,2,3-	526-73-8	4.90E+01	n	2.10E+02	n	1.00E+01	n	
						7.00E-03	P	V		1		2.19E+02	Trimethylbenzene, 1,2,4-	95-63-6	5.80E+01	n	2.40E+02	ns	1.50E+01	n	
				1.00E-02	X			V		1		1.82E+02	Trimethylbenzene, 1,3,5-	108-67-8	7.80E+02	ns	1.20E+04	ns	1.20E+02	n	
				1.00E-02	X			V		1		2.96E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.80E+02	ns	1.20E+04	ns	6.50E+01	n	
				3.00E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.20E+03	n	3.20E+04	n	5.90E+02	n	
3.00E-02	I			5.00E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	3.60E+01	n	5.10E+02	n	9.80E+00	n	
				2.00E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.30E+03	n	1.60E+04	n	3.60E+02	n	
				2.00E-02	A					1	0.1		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.30E+03	n	1.60E+04	n	3.60E+02	n	
				1.00E-02	X					1	0.1		Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.30E+02	n	8.20E+03	n	1.90E+02	n	
2.30E+00	C	6.60E-04	C					V		1		4.67E+02	Tris(2,3-dibromopropyl)phosphate	126-72-7	2.80E+01	c	1.30E+02	c	6.80E-01	c	
2.00E-02	P			7.00E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	4.40E+02	n	5.70E+03	n	1.40E+02	n	
3.20E-03	P			1.00E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	6.30E+03	n	7.20E+04	c**	2.00E+03	n	
				8.00E-04	P					1			Tungsten	7440-33-7	6.30E+01	n	9.30E+02	n	1.60E+01	n	
				3.00E-03	I	4.00E-05	A			1			Uranium (Soluble Salts)	NA	2.30E+02	n	3.50E+03	n	6.00E+01	n	3.0E+01
1.00E+00	C	2.90E-04	C						M	1	0.1		Urethane	51-79-6	1.20E+01	c	2.30E+02	c	2.50E+00	c	
		8.30E-03	P	9.00E-03	I	7.00E-06	P			0.026			Vanadium Pentoxide	1314-62-1	6.60E+02	n	8.40E+03	n	1.50E+02	n	
				5.00E-03	S	1.00E-04	A			0.026			Vanadium and Compounds	7440-62-2	3.90E+02	n	5.80E+03	n	8.60E+01	n	
				1.00E-03	I			V		1			Vernolate	1929-77-7	7.80E+01	n	1.20E+03	n	1.10E+01	n	
				2.50E-02	I					1	0.1		Vinclozolin	50471-44-8	1.60E+03	n	2.10E+04	n	4.40E+02	n	
				1.00E+00	H	2.00E-01	I	V		1		2.75E+03	Vinyl Acetate	108-05-4	9.10E+02	n	3.80E+03	ns	4.10E+02	n	
		3.20E-05	H			3.00E-03	I	V		1		2.47E+03	Vinyl Bromide	593-60-2	4.30E+00	n	1.80E+01	n	6.30E+00	n	
7.20E-01	I	4.40E-06	I	3.00E-03	I	1.00E-01	I	V	M	1		3.92E+03	Vinyl Chloride	75-01-4	5.90E+00	c*	1.70E+02	c**	1.90E+00	c*	2.0E+00
				3.00E-04	I					1	0.1		Warfarin	81-81-2	1.90E+01	n	2.50E+02	n	5.60E+00	n	
				2.00E-01	S	1.00E-01	S	V		1		3.90E+02	Xylene, P-	106-42-3	5.60E+02	ns	2.40E+03	ns	1.90E+02	n	
				2.00E-01	S	1.00E-01	S	V		1		3.88E+02	Xylene, m-	108-38-3	5.50E+02	ns	2.40E+03	ns	1.90E+02	n	
				2.00E-01	S	1.00E-01	S	V		1		4.34E+02	Xylene, o-	95-47-6	6.50E+02	ns	2.80E+03	ns	1.90E+02	n	
				2.00E-01	I	1.00E-01	I	V		1		2.60E+02	Xylenes	1330-20-7	5.80E+02	ns	2.50E+03	ns	1.90E+02	n	1.0E+04
				3.00E-04	I					1			Zinc Phosphide	1314-84-7	2.30E+01	n	3.50E+02	n	6.00E+00	n	
				3.00E-01	I					1			Zinc and Compounds	7440-66-6	2.30E+04	n	3.50E+05	nm	6.00E+03	n	
				5.00E-02	I					1	0.1		Zineb	12122-67-7	3.20E+03	n	4.10E+04	n	9.90E+02	n	
				8.00E-05	X					1			Zirconium	7440-67-7	6.30E+00	n	9.30E+01	n	1.60E+00	n	

RML
THQ=1.0