

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters										
Analyte	CAS No.	MW (unitless)	MW Ref	H' (cm ² /s)	H' (atm-m ² /HLC)	H' and HLC Ref	VP	VP Ref	MP (°C)	MP Ref	Density (g/cm ³)	Density Ref	D _{air} (cm ² /s)	D _w (cm ² /s)	D _{air} and D _w Ref	K _{ow}	K _{ow} Ref	K _{oc}	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	TP ₁₀ (hr)	TP ₁₀ Ref	K _p	KPREF				
Acetate	30560-19-1	1.8E+02	PHYSPROP	2.0E-11	5.0E-13	EPI	1.7E-06	PHYSPROP	8.8E+01	PHYSPROP	1.4E+00	CR89	3.7E-02	8.0E-06	EPA WATERS	1.0E+01	EPI	-8.5E-01	PHYSPROP	8.2E+05	PHYSPROP	2.1E-04	1.1E+00	2.7E+00	4.0E-05	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acetaldehyde	44E+01	PHYSPROP	2.7E-02	6.7E-05	PHYSPROP	9.0E+02	7.8E-01	CR89	-1.2E+02	7.8E-01	CR89	1.3E-01	1.4E-05	EPA WATERS	1.0E+00	EPI	-3.4E-01	PHYSPROP	1.0E+06	PHYSPROP	1.0E-06	PHYSPROP	3.1E-02	3.4E+00	8.2E+00	5.0E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI
Acetochlor	34256-82-1	2.7E+02	PHYSPROP	9.1E-07	2.2E-08	PHYSPROP	2.8E-05	PHYSPROP	1.1E+01	PubChem	1.1E+00	PubChem	2.2E-02	5.6E-06	EPA WATERS	3.0E+02	EPI	3.0E+00	PHYSPROP	2.2E+02	PHYSPROP	3.1E-02	3.4E+00	8.2E+00	5.0E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acetone	67-64-1	5.8E+01	PHYSPROP	1.4E-03	3.5E-05	PHYSPROP	2.3E+02	PHYSPROP	-9.5E+01	PHYSPROP	7.8E-01	CR89	1.1E-01	1.2E-05	EPA WATERS	2.4E+00	EPI	-2.4E-01	PHYSPROP	1.0E+06	PHYSPROP	1.5E-03	2.2E-01	5.3E-01	5.1E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acetone Cyanohydrin	75-86-5	8.5E+01	PHYSPROP	8.1E-08	2.0E-09	PHYSPROP	3.4E-01	PHYSPROP	-1.9E+01	PHYSPROP	9.3E-01	CR89	8.6E-02	1.0E-05	EPA WATERS	1.0E+00	EPI	-3.0E-02	PHYSPROP	1.0E+06	PHYSPROP	1.8E-03	3.2E-01	7.6E-01	5.0E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acetonitrile	75-05-8	4.1E+01	PHYSPROP	1.4E-03	3.5E-05	PHYSPROP	8.9E+01	PHYSPROP	-1.4E+01	PHYSPROP	7.9E-01	CR89	1.3E-01	1.4E-05	EPA WATERS	4.7E+00	EPI	-3.4E-01	PHYSPROP	1.0E+06	PHYSPROP	1.4E-03	1.8E-01	4.3E-01	5.5E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acetophenone	98-86-2	1.2E+02	PHYSPROP	4.3E-04	1.0E-05	PHYSPROP	4.0E-01	PHYSPROP	-2.0E+01	PHYSPROP	1.0E+00	CR89	6.5E-02	8.7E-06	EPA WATERS	5.2E+01	EPI	1.6E+00	PHYSPROP	6.1E+03	PHYSPROP	1.6E-02	5.0E-01	1.2E+00	3.7E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acetylaminofluorene, 2-	53-96-3	2.2E+02	PHYSPROP	7.8E-09	1.9E-10	PHYSPROP	9.4E-08	PHYSPROP	-1.9E+02	PHYSPROP	1.0E+00	CR89	5.2E-02	6.0E-06	EPA WATERS	2.2E+03	EPI	3.1E+00	PHYSPROP	5.5E+00	PHYSPROP	7.2E-02	1.9E+00	4.5E+00	1.2E-02	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acrolein	107-02-8	5.6E+01	PHYSPROP	5.0E-03	1.2E-04	PHYSPROP	2.7E+02	PHYSPROP	-8.8E+01	PHYSPROP	8.4E-01	CR89	1.1E-01	1.2E-05	EPA WATERS	1.0E+00	EPI	-1.0E-02	PHYSPROP	2.1E+05	PHYSPROP	2.2E-02	2.2E-01	5.2E-01	7.5E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acrylamide	79-06-1	7.1E+01	PHYSPROP	7.0E-08	1.7E-09	EPI	7.0E-03	PHYSPROP	8.5E+01	PHYSPROP	1.2E+00	LANGE	1.1E-01	1.3E-05	EPA WATERS	5.7E+00	EPI	-6.7E-01	PHYSPROP	3.9E+05	PHYSPROP	7.3E-04	2.6E-01	6.3E-01	2.2E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acrylic Acid	79-10-7	7.2E+01	PHYSPROP	1.5E-05	3.7E-07	EPI	4.0E+00	PHYSPROP	1.3E+01	PHYSPROP	1.1E+00	CR89	1.0E-01	1.2E-05	EPA WATERS	1.4E+00	EPI	-3.5E-01	PHYSPROP	1.0E+06	PHYSPROP	3.4E-03	2.7E-01	6.4E-01	1.1E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Acrylonitrile	107-13-1	5.3E+01	PHYSPROP	5.6E-03	1.4E-04	PHYSPROP	1.1E+02	PHYSPROP	-8.4E+01	PHYSPROP	8.0E-01	CR89	1.1E-01	1.2E-05	EPA WATERS	8.5E+00	EPI	-2.5E-01	PHYSPROP	7.5E+04	PHYSPROP	9.3E-04	2.1E-01	5.0E-01	1.2E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Adiponitrile	111-69-3	1.1E+02	PHYSPROP	4.9E-08	1.2E-09	EPI	6.8E-04	PHYSPROP	1.0E+00	PHYSPROP	9.7E-01	CR89	7.1E-02	9.0E-06	EPA WATERS	2.0E+01	EPI	-3.2E-01	PHYSPROP	8.0E+04	PHYSPROP	3.5E-04	4.2E-01	1.0E+00	2.4E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Alcohol	15972-60-8	2.7E+02	PHYSPROP	3.4E-07	8.3E-09	PHYSPROP	2.2E-05	PHYSPROP	4.0E+01	PHYSPROP	1.1E+00	CR89	2.3E-02	5.7E-06	EPA WATERS	3.1E+02	EPI	3.5E+00	PHYSPROP	2.4E+02	PHYSPROP	6.6E-02	3.4E+00	8.2E+00	1.1E-02	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aldicarb	116-06-3	1.9E+02	PHYSPROP	5.9E-08	1.4E-09	EPI	3.5E-05	PHYSPROP	9.9E+01	PHYSPROP	1.2E+00	CR89	3.2E-02	7.2E-06	EPA WATERS	2.5E+01	EPI	1.1E+00	PHYSPROP	6.0E+03	PHYSPROP	4.0E-03	1.2E+00	2.9E+00	7.6E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aldicarb Sulfone	1646-88-4	2.2E+02	PHYSPROP	1.4E-07	3.4E-09	EPI	9.0E-05	PHYSPROP	1.4E+02	PHYSPROP	1.6E+00	PubChem	5.2E-02	6.1E-06	EPA WATERS	1.0E+01	EPI	-5.7E-01	PHYSPROP	1.0E+04	PHYSPROP	2.1E-04	1.8E+00	4.4E+00	3.7E-05	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aldicarb sulfoxide	1646-87-3	2.1E+02	PHYSPROP	4.0E-08	9.7E-10	EPI	1.0E-04	PHYSPROP	7.8E+01	EPI	1.6E+00	PubChem	5.4E-02	6.4E-06	EPA WATERS	1.0E+01	EPI	-7.8E-01	PHYSPROP	2.8E+04	PHYSPROP	1.8E-04	1.5E+00	3.6E+00	3.3E-05	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aldrin	309-00-2	3.6E+02	PHYSPROP	1.8E-03	4.4E-05	PHYSPROP	1.2E-04	PHYSPROP	1.0E+02	PHYSPROP	1.6E+00	PubChem	2.3E-02	5.8E-06	EPA WATERS	8.2E+04	EPI	6.5E+00	PHYSPROP	1.7E+02	PHYSPROP	2.2E+00	1.2E+01	4.8E+01	2.9E-01	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Allyl Alcohol	107-18-6	5.8E+01	PHYSPROP	2.0E-04	5.0E-06	PHYSPROP	2.6E+01	PHYSPROP	-1.3E+02	PHYSPROP	8.5E-01	CR89	1.1E-01	1.2E-05	EPA WATERS	1.9E+00	EPI	1.7E-01	PHYSPROP	1.0E+06	PHYSPROP	2.8E-02	2.2E-01	5.3E-01	9.6E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Allyl Chloride	107-05-1	7.7E+01	PHYSPROP	4.5E-01	1.1E-02	EPI	3.7E+02	PHYSPROP	-1.3E+02	PHYSPROP	9.4E-01	CR89	9.4E-02	1.1E-05	EPA WATERS	4.0E+01	EPI	1.9E+00	PHYSPROP	3.4E+03	PHYSPROP	3.8E-02	2.8E-01	6.8E-01	1.1E-02	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aluminum	7429-90-5	2.7E+01	CR89	2.6E+02	CR89	2.7E+00	0.0E+00	NIOSH	6.6E+02	CR89	2.7E+00	CR89	2.7E+00	CR89	2.7E+00	1.5E+03	BAES					2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aluminum Phosphide	20859-73-8	5.8E+01	PHYSPROP	2.3E+02	CR89	2.4E+00	2.7E-06	PHYSPROP	8.8E+01	PHYSPROP	2.4E+00	CR89	5.1E-02	6.0E-06	EPA WATERS	4.3E+02	EPI	3.0E+00	PHYSPROP	2.1E+02	PHYSPROP	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Ametryn	834-12-8	2.3E+02	PHYSPROP	9.9E-08	2.4E-09	EPI	1.2E-04	PHYSPROP	5.4E+01	PHYSPROP	1.2E+00	CR89	6.2E-02	7.3E-06	EPA WATERS	2.5E+03	EPI	2.9E+00	PHYSPROP	2.2E+02	PHYSPROP	7.0E-02	3.9E-01	2.2E+00	1.4E-02	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aminobiphenyl, 4-	92-67-1	1.7E+02	PHYSPROP	6.0E-06	1.5E-07	PHYSPROP	1.2E-04	PHYSPROP	5.4E+01	PHYSPROP	1.2E+00	CR89	6.2E-02	7.3E-06	EPA WATERS	2.5E+03	EPI	2.9E+00	PHYSPROP	2.2E+02	PHYSPROP	7.0E-02	3.9E-01	2.2E+00	1.4E-02	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aminophenol, m-	951-27-5	1.1E+02	PHYSPROP	8.1E-09	2.0E-10	PHYSPROP	9.6E-03	PHYSPROP	1.2E+02	PHYSPROP	1.2E+00	CR89	8.3E-02	9.7E-06	EPA WATERS	9.0E+01	EPI	2.1E-01	PHYSPROP	2.7E+04	PHYSPROP	2.1E-03	4.3E-01	1.0E+00	5.3E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aminophenol, p-	123-30-2	1.1E+02	PHYSPROP	1.5E-08	3.6E-10	EPI	4.0E-05	EPI	1.9E+02	PHYSPROP	1.2E+00	CR89	8.3E-02	9.7E-06	EPA WATERS	9.0E+01	EPI	4.0E-02	PHYSPROP	1.6E+04	PHYSPROP	1.6E-03	4.3E-01	1.0E+00	4.1E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Amtraz	33089-61-1	2.9E+02	PHYSPROP	4.0E-04	9.9E-06	PHYSPROP	2.0E-06	PHYSPROP	8.6E+01	PHYSPROP	1.1E+00	CR89	2.2E-02	5.4E-06	EPA WATERS	2.6E+05	EPI	5.5E+00	PHYSPROP	1.0E+00	PHYSPROP	1.1E+00	4.6E+00	1.8E+01	1.6E-01	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Ammonia	7664-41-7	1.7E+01	PHYSPROP	6.6E-04	1.6E-05	PHYSPROP	7.5E-03	PHYSPROP	-7.8E+01	PHYSPROP	7.0E-01	CR89	2.3E-01	2.2E-05	EPA WATERS	2.3E-01	OTHER	4.8E+05	PHYSPROP	1.1E+00	PHYSPROP	1.1E+00	1.3E-01	3.1E-01	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Ammonium Sulfamate	7773-06-0	1.1E+02	CR89	5.6E-04	1.4E-05	PHYSPROP	0.0E+00	NIOSH	1.3E+02	CR89	1.8E+00	PubChem	7.9E-02	9.1E-06	EPA WATERS	4.1E+00	EPI	8.9E-01	PHYSPROP	1.3E+06	PERRY	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Amyl Alcohol, tert-	84-65-1	8.8E+01	PHYSPROP	5.6E-04	1.4E-05	PHYSPROP	1.7E+01	PHYSPROP	-9.1E+00	PHYSPROP	8.1E-01	CR89	7.9E-02	9.1E-06	EPA WATERS	4.1E+00	EPI	8.9E-01	PHYSPROP	1.3E+06	PERRY	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Aniline	62-53-3	9.3E+01	PHYSPROP	8.3E-05	2.0E-06	PHYSPROP	6.7E-01	PHYSPROP	-6.0E+00	PHYSPROP	1.0E+00	CR89	8.3E-02	1.0E-05	EPA WATERS	7.0E+01	EPI	9.0E-01	PHYSPROP	3.6E+04	PHYSPROP	6.9E-03	3.5E-01	8.4E-01	1.9E-03	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Anthrquinone, 9,10-	84-65-1	2.1E+02	PHYSPROP	9.6E-07	2.4E-08	PHYSPROP	1.2E-07	PHYSPROP	2.9E+02	PHYSPROP	1.0E+00	CR89	5.4E-02	6.3E-06	EPA WATERS	5.0E+03	EPI	3.4E+00	PHYSPROP	1.4E+00	PHYSPROP	1.1E-01	1.5E+00	3.7E+00	1.9E-02	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Antimony (metallic)	7440-36-0	1.2E+02	PHYSPROP				0.0E+00	NIOSH	6.3E+02	PHYSPROP	6.7E+00	CR89				4.5E+01	SSL					4.3E-03	5.3E-01	1.3E+00	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI	
Antimony Pentoxide	1314-60-9	3.2E+02	CR89								3.8E+00	CR89									3.0E+03	CR89	6.9E-03	6.8E+00	1.6E+01	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI
Antimony Tetroxide	1332-81-6	3.1E+02	EPI								6.6E+00	CR89									6.7E-03	5.5E+00	1.3E+01	1.0E-03	RAGSE	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI		
Antimony Trioxide	1309-64-4	2.9E+0																														

Regional Removal Management Level (RML) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters					
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ (cm ² /s)	D ₁₀ and D ₁₀ Ref	K _{ow} (L/kg)	K _{ow} Ref	K _{ow} (L/kg)	K _{ow} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{1/2} (hr)	K _p (hr)	KPREF
Butylate	2008-41-5	2.2E+02	PHYSPROP	3.5E-03	8.5E-05	EPI	1.3E-02	PHYSPROP	6.0E+01	EPI	9.4E-01	CRCB9	2.3E-02	5.8E-06	EPA WATER9	3.9E+02	EPI	4.2E+00	PHYSPROP	4.5E+01	PHYSPROP	3.1E-01	1.7E+00	4.2E+00	5.4E-02	EPI	
Butylated hydroxyanisole	12013-16-5	3.6E+02	PHYSPROP	4.8E-05	1.2E-06	PHYSPROP	2.5E-03	PHYSPROP	5.1E+01	EPI	8.9E-01	CRCB9	3.8E-02	4.4E-06	EPA WATER9	8.4E+02	EPI	3.5E+00	PHYSPROP	2.1E+02	PHYSPROP	2.4E-01	1.1E+01	2.6E+01	3.3E-02	EPI	
Butylated hydroxytoluene	128-37-0	2.2E+02	PHYSPROP	1.7E-04	4.1E-06	PHYSPROP	5.2E-03	EPI	7.1E+01	PHYSPROP	8.6E-01	CRCB9	2.3E-02	5.6E-06	EPA WATER9	1.5E+04	EPI	5.1E+00	PHYSPROP	6.0E-01	PHYSPROP	1.3E+00	1.8E+00	7.1E+00	2.2E-01	EPI	
Butylbenzene, n-	104-51-8	1.3E+02	PHYSPROP	6.5E-01	1.6E-02	EPI	1.1E+00	PHYSPROP	8.8E+01	PHYSPROP	8.6E-01	CRCB9	5.3E-02	7.3E-06	EPA WATER9	1.5E+03	EPI	4.4E+00	PHYSPROP	1.2E+01	PHYSPROP	1.0E+00	5.9E-01	2.3E+00	2.3E-01	EPI	
Butylbenzene, sec-	135-98-8	1.3E+02	PHYSPROP	7.2E-01	1.8E-02	EPI	1.8E+00	PHYSPROP	8.8E+01	PHYSPROP	8.6E-01	LANGE	5.3E-02	7.3E-06	EPA WATER9	1.3E+03	EPI	4.6E+00	PHYSPROP	1.8E+01	PHYSPROP	1.3E+00	5.9E-01	2.3E+00	3.0E-01	EPI	
Butylbenzene, tert-	98-06-6	1.3E+02	PHYSPROP	5.4E-01	1.3E-02	EPI	2.2E+00	PHYSPROP	5.8E+01	PHYSPROP	8.7E-01	CRCB9	5.3E-02	7.4E-06	EPA WATER9	1.0E+03	EPI	4.1E+00	PHYSPROP	3.0E+01	PHYSPROP	6.6E-01	5.9E-01	2.3E+00	1.5E-01	EPI	
Carboxylic Acid	75-50-5	1.4E+02	PHYSPROP	7.4E-13	1.8E-14	PHYSPROP	5.0E-07	PHYSPROP	2.0E+02	PHYSPROP	1.0E+00	CRCB9	7.1E-02	8.3E-06	EPA WATER9	4.4E+01	EPI	3.6E-01	PHYSPROP	2.0E+06	PHYSPROP	2.1E-03	6.2E-01	1.5E+00	4.6E-04	EPI	
Cadmium (Diet)	7440-43-9	1.1E+02	PHYSPROP	0.0E+00	NIOSH	3.2E+02	PHYSPROP	8.7E+00	CRCB9	7.5E+01	SSL	7.5E+01	SSL									4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE	
Cadmium (Water)	7440-43-9	1.1E+02	PHYSPROP	0.0E+00	NIOSH	3.2E+02	PHYSPROP	8.7E+00	CRCB9	7.5E+01	SSL	7.5E+01	SSL									4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE	
Calcium Chromate	13765-19-0	1.6E+02	CRCB9	1.0E-06	2.5E-08	PHYSPROP	1.6E-03	EPI	6.9E+01	PHYSPROP	1.0E+00	LANGE	6.9E-02	9.0E-06	EPA WATER9	2.5E+01	EPI	1.9E-01	YAWS	7.7E+05	PHYSPROP	4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE	
Caprolactam	105-60-2	1.1E+02	PHYSPROP	2.0E-07	4.9E-09	EPI	1.5E-08	EPI	1.6E+02	PHYSPROP	1.7E+00	CRCB9	3.8E-02	4.5E-06	EPA WATER9	7.8E+02	EPI	3.8E+00	PHYSPROP	1.4E+00	PHYSPROP	4.1E-02	9.5E+00	2.3E+01	5.8E-03	EPI	
Captafol	2425-06-1	3.0E+02	PHYSPROP	2.9E-07	7.0E-09	EPI	9.0E-08	PHYSPROP	1.8E+02	PHYSPROP	1.7E+00	CRCB9	2.6E-02	6.9E-06	EPA WATER9	2.5E+02	EPI	2.8E+00	PHYSPROP	5.1E+00	PHYSPROP	1.6E-02	5.1E+00	1.2E+01	2.3E-03	EPI	
Captan	133-06-2	3.0E+02	PHYSPROP	2.9E-07	7.0E-09	EPI	9.0E-08	PHYSPROP	1.8E+02	PHYSPROP	1.7E+00	CRCB9	2.6E-02	6.9E-06	EPA WATER9	2.5E+02	EPI	2.8E+00	PHYSPROP	5.1E+00	PHYSPROP	1.6E-02	5.1E+00	1.2E+01	2.3E-03	EPI	
Carbaryl	63-25-2	2.0E+02	PHYSPROP	1.3E-07	3.3E-09	EPI	1.4E-06	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	CRCB9	2.7E-02	7.1E-06	EPA WATER9	3.5E+02	EPI	2.4E+00	PHYSPROP	1.1E+02	PHYSPROP	2.4E-02	1.4E+00	3.4E+00	4.3E-03	EPI	
Carbofuran	1563-66-2	2.2E+02	PHYSPROP	1.3E-07	3.1E-09	EPI	4.9E-06	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	CRCB9	2.6E-02	6.6E-06	EPA WATER9	9.5E+01	EPI	2.3E+00	PHYSPROP	3.2E+02	PHYSPROP	1.8E-02	1.8E+00	4.4E+00	3.1E-03	EPI	
Carbon Disulfide	75-15-0	7.6E+01	PHYSPROP	5.9E-01	1.4E-02	PHYSPROP	3.6E+02	PHYSPROP	1.1E+02	PHYSPROP	1.3E+00	CRCB9	1.1E-01	1.3E-05	EPA WATER9	2.2E+01	EPI	1.9E+00	PHYSPROP	2.2E+03	PHYSPROP	3.8E-02	2.8E-01	6.7E-01	1.1E-02	EPI	
Carbon Tetrachloride	56-23-5	1.5E+02	PHYSPROP	1.1E+00	2.8E-02	PHYSPROP	1.2E+02	PHYSPROP	5.7E+02	PHYSPROP	1.6E+00	CRCB9	5.7E-02	9.8E-06	EPA WATER9	4.4E+01	EPI	2.8E+00	PHYSPROP	7.9E+02	PHYSPROP	7.8E-02	7.6E-01	1.8E+00	1.6E-02	EPI	
Carbonyl Sulfide	463-58-1	6.0E+01	PHYSPROP	2.5E-01	6.1E-01	EPI	9.4E-03	PHYSPROP	1.4E+02	PHYSPROP	1.0E+00	CRCB9	1.2E-01	1.3E-05	EPA WATER9	1.0E+00	EPI	1.3E+00	PHYSPROP	1.2E+03	PHYSPROP	2.8E-04	2.3E-01	5.5E-01	9.4E-05	EPI	
Carbosulfan	55285-14-8	3.8E+02	PHYSPROP	2.1E-05	5.1E-07	EPI	3.1E-07	PHYSPROP	1.8E+02	EPI	1.1E+00	CRCB9	1.8E-02	4.4E-06	EPA WATER9	1.2E+04	EPI	5.6E+00	PHYSPROP	3.0E-01	PHYSPROP	4.3E-01	1.4E+01	3.4E+01	5.8E-02	EPI	
Carboxin	5234-68-4	2.4E+02	PHYSPROP	1.3E-08	3.2E-10	EPI	1.5E-07	PHYSPROP	9.2E+01	PHYSPROP	7.2E+00	CRCB9	5.0E-02	5.8E-06	EPA WATER9	1.7E+02	EPI	2.1E+00	PHYSPROP	1.5E+02	PHYSPROP	1.2E-02	2.2E+00	5.2E+00	2.0E-03	EPI	
Ceric Oxide	1306-38-3	1.7E+02	CRCB9	1.7E+02	PHYSPROP	2.3E-07	5.7E-09	PHYSPROP	1.5E+01	PHYSPROP	1.9E+00	CRCB9	5.4E-02	1.0E-05	EPA WATER9	1.0E+00	EPI	9.9E-01	PHYSPROP	7.9E+05	PHYSPROP	4.2E-03	8.9E-01	2.1E+00	8.4E-04	EPI	
Chloral Hydrate	302-17-0	1.7E+02	PHYSPROP	2.3E-07	5.7E-09	PHYSPROP	1.5E+01	PHYSPROP	1.9E+00	PHYSPROP	1.9E+00	CRCB9	5.4E-02	1.0E-05	EPA WATER9	1.0E+00	EPI	9.9E-01	PHYSPROP	7.9E+05	PHYSPROP	4.2E-03	8.9E-01	2.1E+00	8.4E-04	EPI	
Chloramben	133-90-4	2.1E+02	PHYSPROP	1.6E-09	3.9E-11	EPI	1.0E-07	PHYSPROP	2.0E+02	PHYSPROP	1.1E+00	CRCB9	5.4E-02	6.4E-06	EPA WATER9	2.1E+01	EPI	1.9E+00	PHYSPROP	7.0E+02	PHYSPROP	1.1E-02	1.5E+00	3.6E+00	2.0E-03	EPI	
Chloranil	118-75-2	2.5E+02	PHYSPROP	1.3E-08	3.3E-10	EPI	2.3E-06	PHYSPROP	2.9E+02	PHYSPROP	1.1E+00	CRCB9	4.8E-02	5.7E-06	EPA WATER9	3.1E+02	EPI	2.2E+00	PHYSPROP	2.5E+02	PHYSPROP	1.2E-02	2.5E+00	6.0E+00	1.9E-03	EPI	
Chlordane	12789-03-6	4.1E+02	PHYSPROP	2.9E-03	7.0E-05	PHYSPROP	1.0E-05	PHYSPROP	4.1E+02	PhysProp	1.6E+00	PubChem	2.1E-02	5.4E-06	EPA WATER9	3.4E+04	EPI	6.3E+00	PHYSPROP	1.3E+02	PHYSPROP	9.3E-01	2.1E+01	8.0E+01	1.1E-01	EPI	
Chlordecone (Kepone)	143-50-0	4.9E+02	PHYSPROP	2.2E-06	5.4E-08	EPI	2.3E-07	PHYSPROP	3.5E+02	EPI	1.6E+00	CRCB9	2.0E-02	4.9E-06	EPA WATER9	1.8E+04	EPI	5.4E+00	PHYSPROP	2.7E+00	PHYSPROP	9.3E-02	5.9E+01	1.4E+02	1.1E-02	EPI	
Chlorfenvinphos	470-90-6	3.6E+02	PHYSPROP	1.2E-06	2.9E-08	EPI	7.5E-06	PHYSPROP	2.0E+01	PHYSPROP	1.3E+00	CRCB9	3.8E-02	4.4E-06	EPA WATER9	1.3E+03	EPI	3.8E+00	PHYSPROP	1.2E+02	PHYSPROP	3.7E-02	1.1E+01	2.6E+01	5.1E-03	EPI	
Chlorfomuron, Ethyl-	90982-32-4	4.1E+02	PHYSPROP	7.4E-14	1.8E-15	EPI	4.0E-12	PHYSPROP	1.8E+02	PHYSPROP	1.6E+00	CRCB9	3.4E-02	4.0E-06	EPA WATER9	7.2E+01	EPI	2.5E+00	PHYSPROP	1.2E+03	PHYSPROP	2.6E-03	2.2E+01	6.0E+01	3.4E-04	EPI	
Chlorine	7782-50-5	7.1E+01	PHYSPROP	4.8E-01	1.2E-02	PHYSPROP	5.9E+03	PHYSPROP	1.0E+02	PHYSPROP	2.9E+00	CRCB9	1.5E-01	2.2E-05	EPA WATER9	2.5E-01	BAES	8.5E-01	OTHER	6.3E+03	PHYSPROP	3.2E-03	2.6E-01	6.3E-01	1.0E-03	RAGSE	
Chlorine Dioxide	10049-04-4	6.7E+01	EPI	1.6E+00	4.0E-02	Toxnet HSDB	7.6E+02	Toxnet HSDB	5.9E+01	PHYSPROP	2.8E+00	CRCB9	1.6E-01	2.2E-05	EPA WATER9	1.6E+01	BAES	8.5E-01	OTHER	6.3E+03	PHYSPROP	3.2E-03	2.6E-01	6.3E-01	1.0E-03	RAGSE	
Chlorite (Sodium Salt)	7758-19-2	9.0E+01	EPI	1.6E+00	4.0E-02	Toxnet HSDB	7.6E+02	Toxnet HSDB	5.9E+01	PHYSPROP	2.8E+00	CRCB9	1.6E-01	2.2E-05	EPA WATER9	1.6E+01	BAES	8.5E-01	OTHER	6.3E+03	PHYSPROP	3.2E-03	2.6E-01	6.3E-01	1.0E-03	RAGSE	
Chloro-1,1-difluoroethane, 1-	75-68-3	1.0E+02	PHYSPROP	2.4E+00	5.9E-02	PHYSPROP	2.5E-03	PHYSPROP	1.3E+02	PHYSPROP	1.1E+00	CRCB9	8.0E-02	1.0E-05	EPA WATER9	4.4E+01	EPI	2.1E+00	PHYSPROP	1.4E+03	PHYSPROP	3.8E-02	3.8E-01	9.2E-01	9.9E-03	EPI	
Chloro-1,3-butanediol, 2-	126-99-8	8.9E+01	PHYSPROP	2.3E+00	5.6E-02	PHYSPROP	2.2E+02	PHYSPROP	1.3E+02	PHYSPROP	9.6E-01	CRCB9	8.0E-02	1.0E-05	EPA WATER9	6.1E+01	EPI	2.5E+00	PHYSPROP	8.7E+02	PHYSPROP	8.6E-02	3.1E-01	7.9E-01	2.4E-02	EPI	
Chloro-2-methylaniline HCl, 4-	3165-93-3	1.8E+02	PHYSPROP	6.4E-05	1.6E-06	PHYSPROP	4.1E-02	PHYSPROP	1.6E+02	EPI	1.1E+00	CRCB9	6.4E-02	7.0E-06	EPA WATER9	3.5E+02	EPI	2.3E+00	PHYSPROP	9.5E+02	PHYSPROP	9.2E-05	1.0E+00	2.5E+00	1.8E-05	EPI	
Chloro-2-methylaniline, 4-	95-69-2	1.4E+02	PHYSPROP	8.1E-05	2.0E-06	PHYSPROP	4.1E-02	PHYSPROP	3.0E+01	PHYSPROP	1.2E+00	CRCB9	7.0E-02	8.2E-06	EPA WATER9	1.8E+02	EPI	2.3E+00	PHYSPROP	9.5E+02	PHYSPROP	3.7E-02	6.5E-01	1.6E+00	8.1E-03	EPI	
Chloroacetaldehyde, 2-	107-20-0	7.8E+01	PHYSPROP	9.8E-04	2.4E-05	PHYSPROP	6.4E+01	PHYSPROP	1.6E+01	PHYSPROP	1.2E+00	CRCB9	1.0E-01	1.2E-05	EPA WATER9	1.0E+00	EPI	9.0E-02	PHYSPROP	1.1E+05	PHYSPROP	2.2E-02	2.9E-01	6.6E+01	6.5E-04	EPI	
Chloroacetic Acid	79-11-9	9.4E+01	PHYSPROP	3.8E-07	9.3E-09	PHYSPROP	6.5E-02	PHYSPROP	6.3E+01	PHYSPROP	1.4E+00	CRCB9	9.4E-02	1.2E-05	EPA WATER9	1.4E+00	EPI	2.2E-01	PHYSPROP	6.6E+05	PHYSPROP	2.4E-03	3.6E-01	8.5E-01	6.5E-04	EPI	
Chloroacetonitrile, 2-	532-27-4	1.5E+02	PHYSPROP	1.4E-04	3.5E-06	PHYSPROP	5.4E-03	PHYSPROP	5.7E+01	PHYSPROP	1.3E+00	CRCB9	5.2E-02	8.7E-06	EPA WATER9	9.9E+01	EPI	1.9E+00	PHYSPROP	1.1E+03	PERRY	1.9E-02	7.7E-01	1.9E+00	4.1E-03	EPI	
Chloroaniline, p-	106-47-8	1.3E+02	PHYSPROP	4.7E-05	1.2E-06	EPI	7.2E-02	PHYSPROP	7.3E+01	PHYSPROP	1.4E+00	CRCB9	7.0E-02	1.0E-05	EPA WATER9	1.1E+02	EPI	1.8E+00	PHYSPROP	3.9E+03	PHYSPROP	2.2E-02	5.4E-01	1.3E+00	5.0E-03	EPI	
Chlorobenzene	108-90-7	1.1E+02	PHYSPROP	1.3E-01	3.1E-03	PHYSPROP	1.2E+01	PHYSPROP	4.5E+01	PHYSPROP	1.1E+00	CRCB9	7.2E-02	9.5E-06	EPA WATER9	2.3E+02	EPI	2.8E+00	PHYSPROP	5.0E+02	PHYSPROP	1.2E-01	4.5E-01	1.1E+00	2.8E-02	EPI	
Chlorobenzilate	510-15-6	3.3E+02	PHYSPROP	3.0E-06	7.2E-08	EPI	2.2E-06	PHYSPROP	3.7E+01	PHYSPROP	1.3E+00	CRCB9	2.2E-02	5.5E-06	EPA WATER9	1.5E+03	EPI	4.7E+00	PHYSPROP	1.3E+01	PHYSPROP	1.2E-01	7.0E+00	1.7E+01	3.3E-02	EPI	
Chlorobenzoic Acid	74-11-3	1.6E+02	PHYSPROP																								

Contaminant	CAS No.	Molecular Weight		Volatility Parameters		Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters								
		MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ and D ₁₀ Ref	K _{ow}	K _{ow} Ref	K _{oc}	K _{oc} Ref	log K _{ow}	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{1/2} (hr)	t [†] (hr)	K _p	KPREF	
*Hydrogen Cyanide	74-90-8	2.7E+01	PHYSPROP	5.4E-03	1.3E-04	PHYSPROP	7.4E+02	PHYSPROP	-1.3E+01	PHYSPROP	6.9E-01	CRCB9	1.7E-01	1.7E-05	EPA WATER9	9.9E+00	SSL			-2.5E-01	PHYSPROP	1.0E+06	PHYSPROP	2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGSE
*Potassium Cyanide	151-50-8	6.5E+01	PHYSPROP				0.0E+00	NIOSH	6.3E+02	PHYSPROP	1.6E+00	CRCB9									7.2E+03	PHYSPROP	6.2E-03	2.4E-01	5.8E-01	2.0E-03	RAGSE	
*Potassium Silver Cyanide	506-61-6	2.0E+02	PHYSPROP																									
*Silver Cyanide	506-64-9	1.3E+02	PHYSPROP																			2.3E+01	PHYSPROP	1.1E-02	1.4E+00	3.3E+00	2.0E-03	RAGSE
*Sodium Cyanide	143-33-9	4.9E+01	PHYSPROP				0.0E+00	NIOSH	5.6E+02	PHYSPROP	1.6E+00	CRCB9									5.8E+05	CRCB9	2.7E-03	2.0E-01	4.7E-01	1.0E-03	RAGSE	
*Thiocyanates	NA																											
*Thiocyanic Acid	463-56-9	5.9E+01	PHYSPROP				4.7E+00	PPRTV	5.0E+00	PPRTV	1.1E+00	PPRTV	1.2E-01	1.4E-05	EPA WATER9					5.8E-01	OTHER	3.0E-03	2.3E-01	5.4E-01	1.0E-03	RAGSE		
*Zinc Cyanide	557-21-1	1.2E+02	PHYSPROP						8.0E+01	PERRY	1.9E+00	CRCB9									4.7E+00	CRCB9	2.5E-03	4.8E-01	1.1E+00	6.0E-04	RAGSE	
Cyclohexane	110-82-7	8.4E+01	PHYSPROP	6.1E+00	1.5E-01	PHYSPROP	9.7E+01	PHYSPROP	6.6E+00	PHYSPROP	7.7E-01	CRCB9	8.0E-02	9.1E-06	EPA WATER9	1.5E+02	EPI	3.4E+00	PHYSPROP	5.5E+01	PHYSPROP	3.6E-01	3.1E-01	7.5E-01	1.0E-01	EPI		
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	5.1E+02	PHYSPROP	3.9E-05	9.6E-07	PHYSPROP	3.5E-06	PHYSPROP	2.0E+02	CRCB9			3.0E-02	3.5E-06	EPA WATER9	2.8E+03	EPI	4.7E+00	PHYSPROP	5.5E-02	PHYSPROP	2.5E-02	7.9E+01	1.9E+02	2.8E-03	EPI		
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	108-94-1	9.8E+01	PHYSPROP	3.7E-04	9.0E-06	PHYSPROP	4.3E+00	PHYSPROP	-3.1E+01	PHYSPROP	9.5E-01	CRCB9	7.7E-02	9.4E-06	EPA WATER9	1.7E+01	EPI	8.1E-01	PHYSPROP	2.5E+04	PHYSPROP	5.8E-03	3.7E-01	8.9E-01	1.5E-03	EPI		
Cyclohexene	110-83-8	8.2E+01	PHYSPROP	1.9E+00	4.6E-02	PHYSPROP	8.9E+01	PHYSPROP	-1.0E+02	PHYSPROP	8.1E-01	NIOSH	8.3E-02	9.5E-06	EPA WATER9	1.5E+02	EPI	2.9E+00	PHYSPROP	2.1E+02	PHYSPROP	1.5E-01	3.0E-01	7.3E-01	4.3E-02	EPI		
Cyclohexylamine	108-91-8	9.9E+01	PHYSPROP	1.7E-04	4.2E-06	PHYSPROP	1.0E+01	PHYSPROP	-1.8E+01	PHYSPROP	8.2E-01	CRCB9	7.1E-02	8.5E-06	EPA WATER9	1.5E+00	EPI	1.5E+00	PHYSPROP	1.0E+06	PHYSPROP	1.6E-02	3.8E-01	9.1E-01	4.3E-03	EPI		
Cyfluthrin	68359-37-5	4.3E+02	PHYSPROP	1.2E-06	2.9E-08	EPI	1.5E-10	PHYSPROP	6.0E+01	PHYSPROP			3.3E-02	3.9E-06	EPA WATER9	1.3E+05	EPI	6.0E+00	PHYSPROP	3.0E-03	PHYSPROP	4.1E-01	2.8E+01	6.8E+01	5.2E-02	EPI		
Cyhalothrin	68085-85-8	4.5E+02	PHYSPROP	6.1E-05	1.5E-06	EPI	1.5E-09	EPI	4.9E+01	EPI			3.2E-02	3.8E-06	EPA WATER9	3.4E+05	EPI	6.9E+00	PHYSPROP	5.0E-03	PHYSPROP	1.7E+00	3.5E+01	1.4E+02	2.1E-01	EPI		
Cypermethrin	52315-07-8	4.2E+02	PHYSPROP	1.7E-05	4.2E-07	EPI	3.1E-09	PHYSPROP	8.1E+01	PHYSPROP	1.3E+00	CRCB9	1.9E-02	4.7E-06	EPA WATER9	8.0E+04	EPI	6.6E+00	PHYSPROP	4.0E-03	PHYSPROP	6.0E-01	2.3E+01	9.1E+01	7.7E-02	EPI		
Cyromazine	176-55-9	1.7E+02	PHYSPROP	2.3E-12	5.7E-14	EPI	3.4E-09	PHYSPROP	2.2E+02	PHYSPROP			6.3E-02	7.3E-06	EPA WATER9	2.9E+01	EPI	6.1E-02	PHYSPROP	1.3E+04	PHYSPROP	4.0E-03	9.0E-01	2.2E+00	8.0E-04	EPI		
DDD	72-54-8	3.2E+02	PHYSPROP	2.7E-04	6.6E-06	PHYSPROP	1.4E-06	PHYSPROP	1.1E+02	PHYSPROP			4.1E-02	4.7E-06	EPA WATER9	1.2E+05	EPI	6.0E+00	PHYSPROP	9.0E-02	PHYSPROP	1.7E+00	6.5E+00	2.6E+01	2.5E-01	EPI		
DDE, p,p'-	72-55-9	3.2E+02	PHYSPROP	1.7E-03	4.2E-05	PHYSPROP	6.0E-06	EPI	8.9E+01	PHYSPROP	1.4E+00	LookChem	6.3E-02	5.9E-06	EPA WATER9	1.2E+05	EPI	6.5E+00	PHYSPROP	4.0E-02	PHYSPROP	3.7E+00	6.4E+00	2.7E+01	5.5E-01	EPI		
DDT	50-29-3	3.5E+02	PHYSPROP	3.4E-04	8.3E-06	PHYSPROP	1.6E-07	PHYSPROP	1.1E+02	PHYSPROP			3.8E-02	4.4E-06	EPA WATER9	1.7E+05	EPI	6.9E+00	PHYSPROP	5.5E-03	PHYSPROP	4.5E+00	1.0E+01	4.4E+01	6.3E-01	EPI		
Dalapon	75-99-0	1.4E+02	PHYSPROP	2.3E-06	5.7E-08	EPI	1.5E-01	EPI	-5.0E+00	PHYSPROP	1.4E+00	CRCB9	6.0E-02	9.4E-06	EPA WATER9	3.2E+00	EPI	7.8E-01	PHYSPROP	5.0E+05	PHYSPROP	3.7E-03	6.6E-01	1.6E+00	8.2E-04	EPI		
Daminozide	1596-84-5	1.6E+02	PHYSPROP	1.7E-08	4.2E-10	EPI	2.0E-04	PHYSPROP	1.5E+02	PHYSPROP			3.5E-02	5.5E-06	EPA WATER9	1.0E+01	EPI	3.5E+00	PHYSPROP	1.0E-05	PHYSPROP	9.7E-05	8.3E-01	2.0E+00	2.0E-05	EPI		
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1169-13-9	9.6E+02	PHYSPROP	4.9E-07	1.1E-08	EPI	4.7E-12	PHYSPROP	3.1E+02	PHYSPROP	3.0E+00	IRIS	1.9E-02	4.8E-06	EPA WATER9	2.8E+05	EPI	1.2E+01	PHYSPROP	1.0E-04	PHYSPROP	8.6E+00	2.5E+04	1.1E+05	7.3E-01	EPI		
Demeton	8065-48-3	5.2E+02	PHYSPROP	1.6E-04	3.8E-06	PHYSPROP	3.4E-04	PHYSPROP	1.1E+00	PHYSPROP	1.1E+00	PubChem	6.7E-02	3.8E-06	EPA WATER9	3.2E+00	PHYSPROP	3.2E+00	PHYSPROP	6.7E+02	PHYSPROP	8.6E-02	8.2E+01	2.0E+02	7.6E-03	RAGSE		
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	PHYSPROP	1.8E-05	4.3E-07	PHYSPROP	8.5E-07	PHYSPROP	-6.8E+01	PHYSPROP	9.2E-01	CRCB9	1.7E-02	4.2E-06	EPA WATER9	3.6E+04	EPI	6.1E+00	PHYSPROP	7.8E-01	PHYSPROP	2.4E+01	1.3E+01	5.8E+01	3.2E+00	EPI		
Diallate	2303-16-4	2.7E+02	PHYSPROP	1.6E-04	3.8E-06	EPI	1.5E-04	PHYSPROP	2.5E+01	PHYSPROP			4.5E-02	5.3E-06	EPA WATER9	6.4E+02	EPI	4.5E+00	PHYSPROP	1.4E+01	PHYSPROP	2.9E+01	3.4E+00	8.2E+00	4.6E-02	EPI		
Diazinon	333-41-5	3.0E+02	PHYSPROP	4.6E-06	1.1E-07	PHYSPROP	9.0E-05	PHYSPROP	8.8E+01	EPI	1.1E+00	CRCB9	2.1E-02	5.2E-06	EPA WATER9	3.0E+03	EPI	3.8E+00	PHYSPROP	4.0E+01	PHYSPROP	7.0E-02	5.3E+00	1.3E+01	1.0E-02	EPI		
Dibenzothioephene	132-65-0	1.8E+02	PHYSPROP	1.4E-03	3.4E-05	EPI	2.1E-04	EPI	9.7E+01	PHYSPROP	1.3E+00	ChemNet	3.6E-02	7.6E-06	EPA WATER9	9.2E+03	EPI	4.4E+00	PHYSPROP	1.5E+00	PHYSPROP	6.0E-01	1.1E+00	4.5E+00	1.2E-01	EPI		
Dibromo-3-chloropropane, 1,2-	96-12-8	2.4E+02	PHYSPROP	6.0E-03	1.5E-04	EPI	5.8E-01	PHYSPROP	6.0E+00	PHYSPROP	2.1E+00	CRCB9	3.2E-02	8.9E-06	EPA WATER9	1.2E+02	EPI	3.0E+00	PHYSPROP	1.2E+03	PHYSPROP	4.1E-02	2.2E+00	5.3E+00	6.9E-03	EPI		
Dibromobenzene, 1,3-	108-36-1	2.4E+02	PHYSPROP	5.1E-02	1.2E-03	EPI	2.7E-01	PHYSPROP	-7.0E+00	PHYSPROP	2.0E+00	CRCB9	3.1E-02	8.5E-06	EPA WATER9	3.8E+02	EPI	3.8E+00	PHYSPROP	6.8E+01	PHYSPROP	1.4E+01	2.2E+00	5.3E+00	2.3E-02	EPI		
Dibromobenzene, 1,4-	106-37-6	2.4E+02	PHYSPROP	3.7E-02	8.9E-04	EPI	5.8E-02	PHYSPROP	8.7E+01	PHYSPROP	2.3E+00	CRCB9	3.3E-02	9.3E-06	EPA WATER9	3.8E+02	EPI	3.8E+00	PHYSPROP	2.0E+01	PHYSPROP	1.4E+01	2.2E+00	5.3E+00	2.5E-02	EPI		
Dibromochloromethane	124-48-1	2.1E+02	PHYSPROP	3.2E-02	7.8E-04	PHYSPROP	5.5E+00	PHYSPROP	-2.0E+01	PHYSPROP	2.5E+00	CRCB9	3.7E-02	1.1E-05	EPA WATER9	3.2E+01	EPI	2.2E+00	PHYSPROP	2.7E+03	PHYSPROP	1.6E-01	1.5E+00	3.7E+00	2.9E-03	EPI		
Dibromomethane, 1,2-	106-93-4	1.9E+02	PHYSPROP	2.7E-02	6.5E-04	PHYSPROP	1.1E+01	PHYSPROP	9.9E+00	PHYSPROP	2.2E+00	CRCB9	4.3E-02	1.0E-05	EPA WATER9	4.0E+01	EPI	2.0E+00	PHYSPROP	3.9E+03	PHYSPROP	1.5E-02	1.2E+00	2.8E+00	2.8E-03	EPI		
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	PHYSPROP	3.4E-02	8.2E-04	PHYSPROP	4.4E+01	PHYSPROP	-5.3E+01	PHYSPROP	2.5E+00	CRCB9	5.5E-02	1.2E-05	EPA WATER9	2.2E+01	EPI	1.7E+00	PHYSPROP	1.2E+04	PHYSPROP	1.1E-02	9.9E-01	2.4E+00	2.2E-03	EPI		
DiButyltin Compounds	NA																											
DiCamba	1918-00-9	2.2E+02	PHYSPROP	8.9E-08	2.2E-09	EPI	1.3E-05	PHYSPROP	1.2E+02	PHYSPROP	1.6E+00	CRCB9	2.9E-02	7.8E-06	EPA WATER9	2.9E+01	EPI	2.2E+00	PHYSPROP	8.3E+03	PHYSPROP	1.5E-02	1.8E+00	4.4E+00	2.7E-03	EPI		
Dichloro-2-butene, cis-1,4-	764-41-0	1.3E+02	PHYSPROP	3.5E-01	8.5E-03	EPI	3.0E+00	EPI	3.5E+00	PHYSPROP	1.2E+00	LANGE	6.7E-02	9.3E-06	EPA WATER9	1.3E+02	EPI	2.6E+00	PHYSPROP	5.8E-02	PHYSPROP	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI		
Dichloro-2-butene, trans-1,4-	1476-11-5	1.3E+02	PHYSPROP	2.7E-02	6.6E-04	EPI	4.1E+00	PHYSPROP	4.8E+01	PHYSPROP	1.2E+00	CRCB9	6.7E-02	9.3E-06	EPA WATER9	1.3E+02	EPI	2.6E+00	PHYSPROP	5.8E-02	PHYSPROP	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI		
Dichloro-2-butene, trans-1,4-	110-57-6	1.3E+02	PHYSPROP	2.7E-02	6.6E-04	EPI	3.4E+00	PHYSPROP	2.0E+00	PHYSPROP	1.2E+00	CRCB9	6.7E-02	9.3E-06	EPA WATER9	1.3E+02	EPI	2.6E+00	PHYSPROP	5.8E-02	PHYSPROP	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI		
Dichloroacetic Acid	79-43-6	1.3E+02	PHYSPROP	3.4E-07	8.4E-09	PHYSPROP	1.8E-01	PHYSPROP	1.4E+01	PHYSPROP	1.6E+00	CRCB9	7.2E-02	1.1E-05	EPA WATER9	2.3E+00	EPI	9.2E-01	PHYSPROP	1.0E+06	PHYSPROP	5.3E-03	5.5E-01	1.3E+00	1.2E-03	EPI		
Dichlorobenzene, 1,2-	95-50-1	1.5E+02	PHYSPROP	7.8E-02	1.9E-03	PHYSPROP	1.4E+00	PHYSPROP	-1.7E+01	PHYSPROP	1.3E+00	CRCB9	5.6E-02	8.9E-06	EPA WATER9	3.8E+02	EPI	3.4E+00	PHYSPROP	1.6E+02	PHYSPROP	2.1E+03	7.0E-01	1.7E+00	4.5E-02	EPI		
Dichlorobenzene, 1,4-	106-46-7	1.5E+02	PHYSPROP	9.9E-02	2.4E-03	PHYSPROP	1.7E+00	PHYSPROP	5.2E+01	PHYSPROP	1.2E+00	CRCB9	5.5E-02	8.7E-06	EPA WATER9	3.8E+02	EPI	3.4E+00	PHYSPROP	8.1E+01	PHYSPROP	2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI		
Dichlorobenzidine, 3,3'-	91-94-1	2.5E+02	PHYSPROP	1.2E-09	2.8E-11	PHYSPROP	2.6E-07	PHYSPROP	1.3E+02	PHYSPROP	1.3E+00	ChemNet	4.7E-02	5.5E-06	EPA WATER9	3.2E+03	EPI	3.5E+00	PHYSPROP	3.1E+00	PHYSPROP	7.8E-02	2.8E+00	6.6E+00	1.3E-02	EPI		
Dichlorobenzophenone, 4,4'-	90-98-2	2.5E+02	PHYSPROP	4.4E-05	1.1E-06	PHYSPROP	6.4E-06	PHYSPROP	1.5E+02	PHYSPROP	1.5E+00	CRCB9	2.6E-02	6.9E-06	EPA WATER9	2.9E+03	EPI	4.4E+00	PHYSPROP</									

Regional Removal Management Level (RML) Chemical-specific Parameters Supporting Table November 2015

CAS No.	Analyte	Contaminant	Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters				
			MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	D ₁₀ (m ² /s)	D ₁₀ and D ₁₀ Ref	K _{ow} (L/kg)	K _{ow} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{trans} (hr/event)	T ₁ (hr)	K _p (cm ² /hr)	K _p Ref
576-26-1	Dimethylphenol, 2,6-	1,2-EDC	126.07	6.7E-06	PHYSPROP	1.7E-01	EPI	4.6E+01	PHYSPROP	7.7E-02	9.0E-05	EPA WATER9	6.1E+03	PHYSPROP	6.1E+03	PHYSPROP	5.0E+02	EPI	2.4E+00	PHYSPROP	3.1E+03	PHYSPROP	5.1E-02	5.1E-01	1.2E+00	1.2E-02	EPI
95-65-8	Dimethylphenol, 3,4-	1,2-EDC	126.07	1.7E-05	PHYSPROP	3.6E-02	EPI	6.1E+01	PHYSPROP	8.3E-02	9.0E-05	CRCB9	6.1E+03	PHYSPROP	6.1E+03	PHYSPROP	4.9E+02	EPI	2.2E+00	PHYSPROP	4.8E+03	PHYSPROP	4.2E-02	5.1E-01	1.2E+00	9.8E-03	EPI
513-37-1	Dimethylvinylchloride	9.1E+01	PHYSPROP	1.4E+00	1.1E-01	PHYSPROP	2.1E+02	PHYSPROP	-1.0E-02	EPI	9.2E-01	CRCB9	8.1E-02	9.4E-06	EPA WATER9	6.1E+01	EPI	2.6E+00	PHYSPROP	1.0E+03	PHYSPROP	9.3E-02	3.4E-01	8.1E-01	2.5E-02	EPI	
534-52-1	Dinitro-o-cresol, 4,6-	2.0E+02	PHYSPROP	5.7E-05	1.4E-06	PHYSPROP	1.2E-04	PHYSPROP	8.7E+01	PHYSPROP	5.6E-02	6.5E-06	EPA WATER9	7.5E-02	EPI	2.1E+00	PHYSPROP	2.0E+02	PHYSPROP	1.7E-02	PHYSPROP	1.7E-02	1.4E+00	3.2E+00	3.2E-03	EPI	
131-89-5	Dinitro-o-cyclohexyl Phenol, 4,6-	2.2E+02	PHYSPROP	2.3E-06	5.5E-08	PHYSPROP	4.2E-08	PHYSPROP	1.1E+02	PHYSPROP	4.6E-02	5.4E-06	EPA WATER9	1.7E-04	EPI	4.1E+00	PHYSPROP	1.5E+01	PHYSPROP	1.7E-01	PHYSPROP	1.7E-01	3.3E+00	7.8E+00	2.8E-02	EPI	
528-29-0	Dinitrobenzene, 1,2-	1.7E+02	PHYSPROP	2.2E-06	5.3E-08	EPI	4.6E-05	EPI	1.2E+02	PHYSPROP	1.3E+00	CRCB9	4.5E-02	8.3E-06	EPA WATER9	3.6E-02	EPI	1.7E+00	PHYSPROP	1.3E+02	PHYSPROP	1.2E-02	9.2E-01	2.2E+00	2.4E-03	EPI	
99-65-0	Dinitrobenzene, 1,3-	1.7E+02	PHYSPROP	2.0E-06	4.9E-08	PHYSPROP	9.0E-04	EPI	9.0E+01	PHYSPROP	1.6E+00	CRCB9	4.8E-02	9.2E-06	EPA WATER9	3.5E-02	EPI	1.5E+00	PHYSPROP	5.3E+02	PHYSPROP	8.7E-03	9.2E-01	2.2E+00	1.7E-03	EPI	
100-25-4	Dinitrobenzene, 1,4-	1.7E+02	PHYSPROP	3.4E-06	8.4E-08	PHYSPROP	2.6E-05	PHYSPROP	1.7E+02	PHYSPROP	1.6E+00	CRCB9	4.9E-02	9.4E-06	EPA WATER9	3.5E-02	EPI	1.5E+00	PHYSPROP	6.9E+01	PHYSPROP	8.3E-03	9.2E-01	2.2E+00	1.7E-03	EPI	
51-28-5	Dinitrophenol, 2,4-	1.8E+02	PHYSPROP	3.5E-06	8.6E-08	PHYSPROP	3.9E-04	PHYSPROP	1.1E+02	PHYSPROP	1.7E+00	CRCB9	4.1E-02	9.1E-06	EPA WATER9	4.6E-02	EPI	1.7E+00	PHYSPROP	2.8E+03	PHYSPROP	9.8E-03	1.1E+00	2.2E+00	1.9E-03	EPI	
NA	Dinitrotoluene Mixture, 2,4/2,6-	1.8E+02	EPI	1.6E-05	4.0E-07	EPI	2.2E-03	EPI	6.0E+01	EPI	1.3E+00	CRCB9	5.9E-02	6.9E-06	EPA WATER9	5.9E-02	EPI	2.2E+00	EPI	2.7E+02	EPI	2.2E-02	1.1E+00	2.6E+00	4.2E-03	EPI	
121-14-2	Dinitrotoluene, 2,4-	1.8E+02	PHYSPROP	2.2E-06	5.4E-08	PHYSPROP	1.5E-04	PHYSPROP	7.1E+01	PHYSPROP	1.3E+00	CRCB9	3.9E-02	7.9E-06	EPA WATER9	5.8E-02	EPI	2.0E+00	PHYSPROP	2.0E+02	PHYSPROP	1.6E-02	1.1E+00	2.6E+00	3.1E-03	EPI	
606-20-2	Dinitrotoluene, 2,6-	1.8E+02	PHYSPROP	1.3E-05	7.5E-07	EPI	5.7E-04	PHYSPROP	6.6E+01	PHYSPROP	1.3E+00	CRCB9	3.7E-02	7.8E-06	EPA WATER9	5.9E-02	EPI	2.1E+00	PHYSPROP	1.8E+02	PHYSPROP	1.9E-02	1.1E+00	2.6E+00	3.7E-03	EPI	
35572-78-2	Dinitrotoluene, 4-Amino-2,6-	2.0E+02	PHYSPROP	3.1E-09	3.3E-11	PHYSPROP	1.1E-05	PHYSPROP	1.7E+02	PHYSPROP	1.6E+00	CRCB9	3.6E-02	7.8E-06	EPA WATER9	5.9E-02	EPI	2.1E+00	PHYSPROP	1.8E+02	PHYSPROP	1.9E-02	1.1E+00	2.6E+00	3.7E-03	EPI	
35572-78-2	Dinitrotoluene, 4-Amino-2,6-	2.0E+02	PHYSPROP	3.1E-09	3.3E-11	PHYSPROP	1.1E-05	PHYSPROP	1.7E+02	PHYSPROP	1.6E+00	CRCB9	3.6E-02	7.8E-06	EPA WATER9	5.9E-02	EPI	2.1E+00	PHYSPROP	1.8E+02	PHYSPROP	1.9E-02	1.1E+00	2.6E+00	3.7E-03	EPI	
25321-14-6	Dinitrotoluene, Technical grade	5.5E+02	PHYSPROP	3.8E-06	9.3E-08	PHYSPROP	4.0E-04	PHYSPROP	6.0E+01	EPI	1.3E+00	CRCB9	2.8E-02	6.3E-06	EPA WATER9	5.9E-02	EPI	2.2E+00	PHYSPROP	2.7E+02	PHYSPROP	2.7E-02	1.2E+00	2.9E+02	4.2E-03	EPI	
88-85-7	Dinoseb	2.4E+02	PHYSPROP	1.9E-05	4.6E-07	EPI	7.5E-05	PHYSPROP	4.0E+01	PHYSPROP	1.3E+00	CRCB9	2.5E-02	6.5E-06	EPA WATER9	4.3E-03	EPI	3.6E+00	PHYSPROP	5.7E+01	PHYSPROP	9.7E-02	2.3E+00	5.6E+00	1.6E-02	EPI	
123-91-1	Dioxane, 1,4-	8.8E+01	PHYSPROP	2.0E-04	4.8E-06	PHYSPROP	3.8E+01	PHYSPROP	1.2E+01	PHYSPROP	1.0E+00	CRCB9	8.7E-02	1.1E-05	EPA WATER9	2.6E+00	EPI	-2.7E-01	PHYSPROP	1.0E+06	PHYSPROP	1.2E-03	3.3E-01	7.9E-01	3.3E-04	EPI	
NA	Hexachlorodibenzo-p-dioxin, Mixture	3.9E+02	EPI	2.3E-04	5.7E-06	EPI	4.4E-11	EPI	2.5E+02	EPI	1.8E+00	PubChem	3.6E-02	4.2E-06	EPA WATER9	7.0E+05	EPI	8.2E+00	EPI	4.0E-06	EPI	2.2E+01	1.6E+01	7.5E+01	2.9E+00	EPI	
1746-01-6	TCDD, 2,3,7,8-Diphenamid	3.2E+02	PHYSPROP	2.0E-03	5.0E-05	EPI	1.5E-09	PHYSPROP	3.1E+02	PHYSPROP	1.8E+00	PubChem	4.7E-02	8.2E-06	EPA WATER9	2.5E+05	EPI	6.8E+00	PHYSPROP	2.0E-04	PHYSPROP	5.6E+00	6.7E+00	2.9E+01	8.1E+01	EPI	
957-51-7	Diphenyl Sulfone	2.4E+02	PHYSPROP	1.5E-09	3.6E-11	EPI	3.0E-08	PHYSPROP	1.4E+02	PHYSPROP	1.2E+00	CRCB9	2.4E-02	6.2E-06	EPA WATER9	4.8E+03	EPI	2.2E+00	PHYSPROP	2.6E+02	PHYSPROP	3.3E-02	2.3E+00	5.5E+00	5.6E-03	EPI	
127-63-9	Diphenylamine	2.0E+02	PHYSPROP	1.0E-05	2.5E-07	PHYSPROP	1.5E-05	PHYSPROP	1.3E+02	PHYSPROP	1.3E+00	CRCB9	2.7E-02	6.9E-06	EPA WATER9	1.1E+03	EPI	2.4E+00	PHYSPROP	3.3E+02	PHYSPROP	2.1E-02	1.8E+00	4.2E+00	3.7E-03	EPI	
122-39-4	Diphenylhydrazine, 1,2-	1.7E+02	PHYSPROP	1.1E-04	2.7E-06	EPI	6.7E-04	PHYSPROP	5.3E+01	PHYSPROP	1.2E+00	CRCB9	4.2E-02	7.6E-06	EPA WATER9	8.3E-02	EPI	3.5E+00	PHYSPROP	5.3E+01	PHYSPROP	1.9E-01	9.3E-01	2.2E+00	3.7E-02	EPI	
122-66-7	Diquat	1.8E+02	PHYSPROP	2.0E-05	4.8E-07	EPI	4.4E-04	EPI	1.3E+02	PHYSPROP	1.2E+00	CRCB9	3.4E-02	7.2E-06	EPA WATER9	1.5E+03	EPI	2.9E+00	PHYSPROP	2.2E+02	PHYSPROP	6.8E-01	1.1E+00	2.7E+00	1.3E-02	EPI	
85-00-7	Direct Black 38	3.4E+02	PHYSPROP	5.8E-12	1.4E-13	PHYSPROP	1.8E-06	PHYSPROP	3.4E+02	PHYSPROP	1.2E+00	CRCB9	2.1E-05	2.5E-06	EPA WATER9	9.3E+03	EPI	4.6E+00	PHYSPROP	7.1E+05	PHYSPROP	1.7E-06	8.9E+00	2.1E+01	2.4E-07	EPI	
1937-37-8	Direct Blue 6	7.8E+02	PHYSPROP	3.4E-38	8.2E-40	PHYSPROP	1.5E-36	PHYSPROP	3.5E+02	EPI	1.2E+00	CRCB9	2.2E-02	2.6E-06	EPA WATER9	2.4E+08	EPI	4.9E+00	PHYSPROP	3.0E+03	PHYSPROP	2.2E-02	2.4E+03	5.9E+03	2.1E-04	EPI	
2602-46-2	Direct Brown 95	9.3E+02	PHYSPROP	3.7E-42	9.1E-44	PHYSPROP	9.5E-39	PHYSPROP	3.5E+02	EPI	1.2E+00	CRCB9	2.0E-02	2.3E-06	EPA WATER9	7.9E+08	EPI	2.6E+00	PHYSPROP	1.4E-04	PHYSPROP	2.0E-08	1.8E+04	4.2E+04	1.7E-09	EPI	
16071-86-6	Disulfoton	7.6E+02	PHYSPROP	8.8E-05	2.2E-06	EPI	1.4E-41	PHYSPROP	3.5E+02	EPI	1.1E+00	CRCB9	2.3E-02	2.7E-06	EPA WATER9	7.0E+06	EPI	6.5E+00	PHYSPROP	1.0E+06	PHYSPROP	4.1E-11	1.9E+03	4.6E+03	3.9E-12	EPI	
298-04-4	Dioxane, 1,4-	2.7E+02	PHYSPROP	8.8E-05	2.2E-06	EPI	9.8E-05	PHYSPROP	-2.5E+01	PHYSPROP	1.1E+00	ChemNet	2.3E-02	3.7E-06	EPA WATER9	8.4E-02	EPI	4.0E+00	PHYSPROP	1.0E+01	PHYSPROP	1.4E-01	3.6E+00	8.7E+00	2.1E-03	EPI	
105-29-3	Duron	2.0E+02	PHYSPROP	1.7E-03	4.2E-05	EPI	8.0E-02	PHYSPROP	1.5E+02	PHYSPROP	1.1E+00	CRCB9	6.8E-02	9.3E-06	EPA WATER9	5.0E+03	EPI	7.7E-01	PHYSPROP	3.0E+03	PHYSPROP	4.6E-03	1.0E+01	1.2E+00	1.1E-03	EPI	
330-54-1	Dynalene	2.3E+02	PHYSPROP	2.1E-08	5.0E-10	EPI	6.9E-08	PHYSPROP	1.6E+02	PHYSPROP	1.1E+00	CRCB9	5.0E-02	9.5E-06	EPA WATER9	1.1E+02	EPI	2.7E+00	PHYSPROP	4.2E+01	PHYSPROP	2.7E-02	2.1E+00	5.1E+00	4.7E-03	EPI	
2439-10-3	EPTC	2.9E+02	PHYSPROP	3.7E-09	9.0E-11	EPI	1.5E-07	PHYSPROP	1.4E+02	PHYSPROP	1.1E+00	CRCB9	4.4E-02	5.1E-06	EPA WATER9	2.5E+03	EPI	1.2E+00	PHYSPROP	6.3E+02	PHYSPROP	1.4E-03	4.3E+00	1.0E+01	2.2E-04	EPI	
759-94-4	Endosulfan	1.9E+02	PHYSPROP	6.5E-04	1.6E-05	EPI	2.4E-02	PHYSPROP	6.1E+01	EPI	9.5E-01	CRCB9	2.9E-02	6.4E-06	EPA WATER9	1.6E+02	EPI	3.2E+00	PHYSPROP	3.8E+02	PHYSPROP	9.7E-02	1.2E+00	2.9E+00	1.8E-02	EPI	
115-29-7	Endothall	4.1E+02	PHYSPROP	2.7E-03	6.5E-05	PHYSPROP	1.7E-07	PHYSPROP	1.1E+02	PHYSPROP	1.7E+00	CRCB9	2.2E-02	5.8E-06	EPA WATER9	6.8E+03	EPI	3.8E+00	PHYSPROP	3.3E-01	PHYSPROP	2.2E-02	2.0E+01	4.8E+01	2.5E-03	EPI	
145-73-3	Endrin	1.9E+02	PHYSPROP	1.6E-14	3.9E-16	EPI	1.6E-10	PHYSPROP	1.4E+02	PHYSPROP	1.4E+00	CRCB9	3.7E-02	8.2E-06	EPA WATER9	1.9E+01	EPI	1.9E+00	PHYSPROP	1.0E+05	PHYSPROP	1.4E-02	1.2E+00	2.8E+00	2.6E-03	EPI	
72-20-8	Epichlorohydrin	3.8E+02	PHYSPROP	2.6E-04	6.4E-06	PHYSPROP	3.0E-06	PHYSPROP	2.3E+02	PHYSPROP	1.0E+00	CRCB9	3.6E-02	4.2E-06	EPA WATER9	2.0E+04	EPI	5.2E+00	PHYSPROP	2.5E-01	PHYSPROP	2.4E-01	1.4E+01	3.4E+01	3.3E-02	EPI	
106-89-8	Epoxybutane, 1,2-	9.1E+01	PHYSPROP	1.2E-03	3.0E-05	EPI	1.6E+01	PHYSPROP	5.7E+01	PHYSPROP	1.2E+00	PERRY	8.9E-02	1.1E-05	EPA WATER9	9.9E+00	EPI	4.5E-01	PHYSPROP	6.6E+04	PHYSPROP	3.5E-03	3.5E-01	8.3E-01	9.4E-04	EPI	
106-88-7	Ethanol, 2-(2-methoxyethoxy)-	7.2E+01	PHYSPROP	7.4E-03	1.8E-04	EPI	1.8E+02	PHYSPROP	-1.5E+02	PHYSPROP	8.3E-01	CRCB9	9.3E-02	1.0E-05	EPA WATER9	9.9E+00	EPI	8.6E-01	PHYSPROP	9.5E+04	PHYSPROP	7.5E-03	2.7E-01	6.4E-01	2.3E-03	EPI	
111-77-3	Ethephon	1.2E+02	PHYSPROP	6.7E-10	1.7E-11	PHYSPROP	2.5E-01	PHYSPROP	-1.5E-01	EPI	1.0E+00	CRCB9	7.8E-02	9.1E-06	EPA WATER9	1.0E+00	EPI	-1.2E+00	PHYSPROP	1.0E+06	PHYSPROP	7.4E-04	5.0E-01	1.2E+00	1.7E-04	RAGSE	
16672-87-0	Ethion	1.4E+02	PHYSPROP	2.3E-10	5.7E-12	PHYSPROP	9.8E-08	PHYSPROP	7.4E+01	PHYSPROP	1.2E+00	CRCB9	5.5E-02	8.6E-06	EPA WATER9	5.0E+00	EPI	-2.2E-01	PHYSPROP	1.0E+06	PHYSPROP	8.0E-04	6.8E-01	1.6E+00	1.7E-04	EPI	
563-12-2	Ethion	3.8E+02	PHYSPROP	1.6E-05	3.8E-07	EPI	1.5E-06	PHYSPROP	1.9E+02	PHYSPROP	1.2E+00	CRCB9	1.9E-02	4.8E-06	EPA WATER9	8.8E-02	EPI	5.1E+00	PHYSPROP	2.0E+00	PHYSPROP	1.9E-01	1.5E+01	3.6E+01	2.6E-02	EPI	
111-15-9	Ethoxyethanol Acetate, 2-	1.3E+02	PHYSPROP	1.3E-04	3.2E-06	PHYSPROP	2.0E+00	PHYSPROP	-6.2E+01	PHYSPROP	9.7E-01	CRCB9	5.7E-02	8.0E-06	EPA WATER9	4.5E+00	EPI	5.9E-01	PHYSPROP	1.9E+05	PHYSPROP	3.1E-03	5.8E-01	1.4E+00	7.0E-04	EPI	
110-80-5	Ethoxyethanol, 2-	9.0E+01	PHYSPROP	1.9E-05	4.7E-07	PHYSPROP	5.3E+00	PHYSPROP	7.0E+01	PHYSPROP	9.3E-01	CRCB9	8.2E-02	9.7E-06	EPA WATER9	1.0E+00	EPI	-3.2E-01	PHYSPROP	1.0E+							

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters							
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (m ² /s)	D ₁₀ (m ² /s)	D ₁₀ (m ² /s)	D ₁₀ (m ² /s)	K _{ow} (L/kg)	K _{ow} (L/kg)	K _{ow} (L/kg)	log K _{ow} (unitless)	log K _{ow} (unitless)	S (mg/L)	S Ref	B (unitless)	B (unitless)	t ¹ (hr)	K _p (hr)	KPREF	
Glyphosate	1071-83-6	1.7E+02	PHYSPROP	8.6E-11	2.1E-12	EPI	9.8E-08	PHYSPROP	1.9E+02	PHYSPROP	1.6E+00	PHYSPROP	6.2E-02	7.3E-06	EPA WATER		2.1E+03	USDA ARS	3.4E+00	PHYSPROP	1.1E+04	PHYSPROP	2.3E+07	9.3E-01	2.2E+00	4.5E-08	EPI		
Guanidine	113-00-8	5.9E+01	PHYSPROP	9.6E-01	2.3E-11	PHYSPROP	2.2E+00	PHYSPROP	5.0E+01	PHYSPROP	1.6E+00	GuidChem	1.8E+03	1.7E-05	EPA WATER		1.2E+01	EPI	1.6E+00	PHYSPROP	1.8E+03	PHYSPROP	1.8E+04	2.3E-01	5.4E-01	6.0E-05	EPI		
Guanidine Chloride	50-01-1	9.6E+01	PHYSPROP	8.9E-17	2.2E-18	PHYSPROP	1.8E-06	PHYSPROP	1.8E+02	PHYSPROP	1.4E+00	CRC89	9.2E-02	1.2E-05	EPA WATER				3.6E+00	PHYSPROP	1.0E+06	PHYSPROP	1.5E+07	3.6E-01	8.7E-01	3.9E-08	EPI		
Haloxypol, Methyl	6980-04-2	3.8E+02	PHYSPROP	1.3E-05	3.2E-07	EPI	6.0E-06	PHYSPROP	5.6E+01	PHYSPROP	1.6E+00		3.6E-02	4.3E-06	EPA WATER		5.5E+03	EPI	4.1E+00	PHYSPROP	9.3E+00	PHYSPROP	4.5E+02	1.3E+01	3.2E+01	6.0E-03	EPI		
Heptachlor	76-44-8	3.7E+02	PHYSPROP	1.2E-02	2.9E-04	PHYSPROP	4.0E-04	PHYSPROP	9.6E+01	PHYSPROP	1.6E+00	CRC89	2.2E-02	5.7E-06	EPA WATER		4.1E+04	EPI	6.1E+00	PHYSPROP	1.8E-01	PHYSPROP	1.1E+00	1.3E+01	5.0E+01	1.4E-01	EPI		
Heptachlor Epoxide	1024-57-3	3.9E+02	PHYSPROP	8.6E-04	2.1E-05	PHYSPROP	2.0E-05	PHYSPROP	1.6E+02	PHYSPROP	1.9E+00	LookChem	2.4E-02	6.2E-06	EPA WATER		1.0E+04	EPI	5.0E+00	PHYSPROP	2.0E-01	PHYSPROP	1.6E+01	1.6E+01	3.8E+01	2.1E-02	EPI		
Hexabromobenzene	87-82-1	5.5E+02	PHYSPROP	1.1E-03	2.8E-05	PHYSPROP	1.6E-08	PHYSPROP	3.3E+02	PHYSPROP	3.0E+00	LookChem	2.5E-02	6.6E-06	EPA WATER		2.8E+03	EPI	6.1E+00	PHYSPROP	1.6E-04	PHYSPROP	1.2E+01	1.3E+02	3.1E+02	1.4E-02	EPI		
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	6.4E+02	OTHER				5.8E-06	IRIS					2.5E-02	3.0E-06	EPA WATER							IRIS			4.2E+02	1.0E+03			
Hexachlorobenzene	118-74-1	2.8E+02	PHYSPROP	7.0E-02	1.7E-03	PHYSPROP	1.8E-05	PHYSPROP	2.3E+02	PHYSPROP	2.0E+00	CRC89	2.9E-02	7.8E-06	EPA WATER		6.2E+03	EPI	5.7E+00	PHYSPROP	9.0E-04	PHYSPROP	1.6E+06	4.1E+00	1.7E+01	2.5E-01	EPI		
Hexachlorobutadiene	87-68-3	2.6E+02	PHYSPROP	4.2E-01	1.0E-02	PHYSPROP	2.2E-01	PHYSPROP	2.2E+01	PHYSPROP	1.6E+00	CRC89	2.7E-02	7.0E-06	EPA WATER		8.5E+02	EPI	4.8E+00	PHYSPROP	3.2E+00	PHYSPROP	5.0E-01	3.0E+00	7.3E+00	8.1E-02	EPI		
Hexachlorocyclohexane, Alpha-	319-84-6	2.9E+02	PHYSPROP	2.7E-04	6.7E-06	PHYSPROP	3.5E-05	EPI	1.6E+02	PHYSPROP			4.3E-02	5.1E-06	EPA WATER		2.8E+03	EPI	3.8E+00	PHYSPROP	2.0E+00	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI		
Hexachlorocyclohexane, Beta-	319-85-7	2.9E+02	PHYSPROP	1.8E-05	4.4E-07	PHYSPROP	3.6E-07	PHYSPROP	3.1E+02	PHYSPROP	1.9E+00	CRC89	2.8E-02	7.4E-06	EPA WATER		2.8E+03	EPI	3.8E+00	PHYSPROP	2.4E-01	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI		
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.9E+02	PHYSPROP	2.1E-04	5.1E-06	PHYSPROP	4.2E-05	PHYSPROP	1.1E+02	PHYSPROP			4.3E-02	5.1E-06	EPA WATER		2.8E+03	EPI	3.7E+00	PHYSPROP	7.3E+00	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI		
Hexachlorocyclohexane, Technical	608-73-1	2.9E+02	PHYSPROP	2.1E-04	5.1E-06	EPI	3.5E-05	EPI	1.1E+02	EPI			4.3E-02	5.1E-06	EPA WATER		2.8E+03	EPI	4.1E+00	EPI	8.0E+00	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI		
Hexachlorocyclopentadiene	77-47-4	2.7E+02	PHYSPROP	1.1E+00	2.7E-02	PHYSPROP	6.0E-02	PHYSPROP	-9.0E+00	PHYSPROP	1.7E+00	CRC89	2.7E-02	7.2E-06	EPA WATER		1.4E+03	EPI	5.0E+00	PHYSPROP	1.8E+00	PHYSPROP	6.5E-01	3.5E+00	1.4E+01	1.0E-01	EPI		
Hexachloroethane	67-72-1	2.4E+02	PHYSPROP	1.6E-01	3.9E-03	PHYSPROP	2.1E-01	PHYSPROP	1.9E+02	PHYSPROP	2.1E+00	CRC89	3.2E-02	8.9E-06	EPA WATER		2.0E+02	EPI	4.1E+00	PHYSPROP	5.0E+01	PHYSPROP	2.5E-01	2.2E+00	5.3E+00	4.2E-02	EPI		
Hexachlorophene	70-30-4	4.1E+02	PHYSPROP	2.2E-11	5.5E-13	PHYSPROP	1.0E-10	PHYSPROP	1.7E+02	PHYSPROP			3.5E-02	4.0E-06	EPA WATER		6.7E+05	EPI	7.5E+00	PHYSPROP	1.4E+02	PHYSPROP	1.9E+06	2.0E+01	8.9E+01	8.4E-01	EPI		
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.2E+02	PHYSPROP	8.2E-10	2.0E-11	EPI	4.1E-09	EPI	2.1E+02	PHYSPROP	1.8E+00	CRC89	3.1E-02	8.5E-06	EPA WATER		8.9E+01	EPI	8.7E-01	PHYSPROP	6.0E+01	PHYSPROP	1.9E+03	1.8E+00	4.4E+00	3.4E-04	EPI		
Hexamethylene Disiscyanate, 1,6-	822-00-6	1.7E+02	PHYSPROP	2.0E-03	4.8E-05	PHYSPROP	2.0E-02	PHYSPROP	-6.7E+01	PHYSPROP	1.1E+00	CRC89	4.0E-02	7.2E-06	EPA WATER		4.8E+03	EPI	3.2E+00	PHYSPROP	1.2E+02	PHYSPROP	1.2E-01	9.2E-01	2.2E+00	2.4E-02	EPI		
Hexamethylphosphoramide	680-31-9	1.8E+02	PHYSPROP	8.2E-07	2.0E-08	PHYSPROP	4.6E-02	PHYSPROP	7.2E+00	PHYSPROP	1.0E+00	CRC89	3.5E-02	6.9E-06	EPA WATER		1.0E+01	EPI	2.8E-01	PHYSPROP	1.0E+06	PHYSPROP	1.2E-03	1.1E+00	2.5E+00	2.4E-04	EPI		
Hexane, N	110-54-3	8.6E+01	PHYSPROP	7.4E-01	1.8E-00	EPI	1.5E+02	PHYSPROP	-9.5E+01	PHYSPROP	6.6E-01	CRC89	7.3E-02	8.2E-06	EPA WATER		1.3E+02	EPI	3.9E+00	PHYSPROP	9.3E+00	PHYSPROP	7.2E-01	3.2E-01	1.2E+00	2.0E-01	EPI		
Hexanedioic Acid	124-04-9	1.5E+02	PHYSPROP	1.9E-10	4.7E-12	EPI	3.2E-07	EPI	1.5E+02	PHYSPROP	1.4E+00	CRC89	5.8E-02	9.2E-06	EPA WATER		2.4E+01	EPI	8.0E-02	PHYSPROP	3.1E-04	PHYSPROP	1.2E-03	6.9E-01	1.7E+00	2.7E-04	EPI		
Hexanone, 2-	591-78-6	1.0E+02	PHYSPROP	3.8E-03	9.3E-05	EPI	1.2E-01	PHYSPROP	5.5E+01	PHYSPROP	8.1E-01	CRC89	7.0E-02	8.4E-06	EPA WATER		1.5E+01	EPI	1.4E+00	PHYSPROP	1.7E+04	PHYSPROP	1.4E+02	3.8E+01	9.2E-01	3.6E-03	EPI		
Hexazone	51235-04-2	2.5E+02	PHYSPROP	9.2E-07	2.3E-12	EPI	2.3E-07	EPI	1.2E+02	PHYSPROP	1.3E+00	CRC89	2.5E-02	6.3E-06	EPA WATER		1.3E+02	EPI	1.9E+00	PHYSPROP	3.3E+04	PHYSPROP	6.2E+02	2.7E+00	5.5E+00	1.0E-03	EPI		
Hexythiazox	78587-05-0	3.5E+02	PHYSPROP	9.7E-07	2.4E-08	EPI	2.6E-08	PHYSPROP	1.1E+02	PHYSPROP			3.8E-02	4.4E-06	EPA WATER		2.1E+03	EPI	5.6E+00	PHYSPROP	5.0E-01	PHYSPROP	6.0E-01	1.0E+01	2.4E+01	8.3E-02	EPI		
Hydramethylnon	67485-29-4	4.9E+02	PHYSPROP	9.0E-05	2.2E-06	EPI	2.0E-08	PHYSPROP	1.9E+02	PHYSPROP			3.0E-02	3.6E-06	EPA WATER		1.8E+08	EPI	2.3E+00	PHYSPROP	6.0E-03	PHYSPROP	7.7E-04	6.2E+01	1.5E+02	9.0E-05	EPI		
Hydrazine	302-01-2	3.2E+01	PHYSPROP	2.5E-05	6.1E-07	PubChem	1.4E-01	PHYSPROP	2.0E+00	PHYSPROP	1.0E+00	CRC89	1.7E-01	1.9E-05	EPA WATER				-2.1E+00	PHYSPROP	1.0E+06	PHYSPROP	9.5E-05	1.6E-01	3.8E-01	4.4E-05	RAGSE		
Hydrazine Sulfate	10034-93-2	1.3E+02	EPI						2.5E+02	CRC89	1.0E+00	CRC89							3.1E+04	PERRY	4.4E+03	PERRY	4.4E+03	5.5E-01	1.3E+00	1.0E-03	RAGSE		
Hydrogen Chloride	7647-01-0	3.5E+01	EPI	8.3E-07	2.0E-06	Toxnet HSDB	3.5E+04	PubChem	-1.1E+02	CRC89	1.5E+00	CRC89	1.9E-01	2.3E-05	EPA WATER				2.3E-01	OTHER	6.7E+05	Toxnet HSDB	2.3E-03	1.7E-01	4.0E-01	1.0E-03	RAGSE		
Hydrogen Fluoride	7664-39-3	2.0E+01	PHYSPROP	4.3E-03	1.0E-04	PHYSPROP	9.2E-02	PHYSPROP	-8.4E+01	PHYSPROP	8.2E-01	CRC89	2.2E-01	2.2E-05	EPA WATER						1.0E+06	PHYSPROP	1.7E-03	1.4E-01	3.3E-01	1.0E-03	RAGSE		
Hydrogen Sulfide	7783-06-4	3.4E+01	PHYSPROP	3.5E-01	8.6E-03	PhysProp	1.6E-04	PHYSPROP	-8.5E+01	PHYSPROP	1.4E+00	CRC89	1.9E-01	2.2E-05	EPA WATER				2.3E-01	OTHER	3.7E+03	PHYSPROP	2.2E-03	1.6E-01	3.9E-01	1.0E-03	RAGSE		
Hydroquinone	123-31-9	1.1E+02	PHYSPROP	1.9E-09	4.7E-11	EPI	2.4E-05	EPI	1.7E+02	PHYSPROP	1.3E+00	CRC89	8.0E-02	1.1E-05	EPA WATER		2.4E+02	EPI	5.9E-01	PHYSPROP	7.2E+04	PHYSPROP	3.8E-03	4.3E-01	1.0E+00	9.3E-04	EPI		
Imazali	35554-44-0	3.0E+02	PHYSPROP	1.1E-07	2.6E-09	EPI	1.2E-06	PHYSPROP	5.3E+01	PHYSPROP	1.2E+00	CRC89	2.2E-02	5.7E-06	EPA WATER		8.5E+03	EPI	3.8E+00	PHYSPROP	1.8E+02	PHYSPROP	7.7E-02	4.9E+00	1.2E+01	1.2E-02	EPI		
Imazaquin	81335-37-7	3.1E+02	PHYSPROP	2.8E-16	6.9E-18	PHYSPROP	1.0E-13	PHYSPROP	2.2E+02	PHYSPROP			4.1E-02	4.8E-06	EPA WATER		2.4E+03	EPI	1.9E+00	PHYSPROP	9.0E+01	PHYSPROP	3.3E-03	5.8E+00	1.4E+01	4.8E-04	EPI		
Imazethapyr	81335-77-5	2.9E+02	PHYSPROP	4.3E-15	1.0E-16	PHYSPROP	2.2E-11	PHYSPROP	1.7E+02	PHYSPROP			4.3E-02	5.1E-06	EPA WATER		3.4E+02	EPI	1.5E+00	PHYSPROP	1.4E+03	PHYSPROP	6.1E-02	4.4E+00	1.1E+01	2.0E-03	EPI		
Iodine	7553-56-2	2.5E+02	PHYSPROP				2.3E-01	PHYSPROP	1.1E+02	PHYSPROP	4.9E+00	CRC89					6.0E+01	BAES	2.5E+00	PHYSPROP	3.3E+02	PHYSPROP	1.3E-03	2.8E+00	6.7E+00	1.0E-03	RAGSE		
Ipridione	36734-19-7	3.3E+02	PHYSPROP	1.3E-07	3.1E-09	PHYSPROP	3.8E-09	PHYSPROP	1.4E+02	PHYSPROP			4.0E-02	4.6E-06	EPA WATER		5.3E+01	EPI	3.0E+00	PHYSPROP	1.4E+01	PHYSPROP	1.5E+02	7.4E+00	1.8E+01	2.3E-03	EPI		
Iron	7439-89-6	5.6E+01	PHYSPROP				0.0E+00	NIOSH	1.5E+03	CRC89	7.9E+00	CRC89					2.5E+01	BAES					2.9E+03	2.2E-01	5.2E-01	1.0E-03	RAGSE		
Isobutyl Alcohol	78-83-1	7.4E+01	PHYSPROP	4.0E-04	9.8E-06	PHYSPROP	1.0E+01	PHYSPROP	-1.1E+02	PHYSPROP	8.0E-01	CRC89	9.0E-02	1.0E-05	EPA WATER		2.9E+00	EPI	7.6E-01	PHYSPROP	8.5E+04	PHYSPROP	6.4E+04	2.7E-01	6.6E-01	1.9E-03	EPI		
Isoforone	78-59-1	1.4E+02	PHYSPROP	2.7E-04	6.6E-06	EPI	4.4E-01	PHYSPROP	-8.1E+00	PHYSPROP	9.3E-01	CRC89	2.1E-02	7.5E-06	EPA WATER		6.5E+01	EPI	1.7E+00	PHYSPROP	1.2E+04	PHYSPROP	1.6E+02	6.2E-01	1.5E+00	3.5E-03	EPI		
Isoopropanol	33820-53-0	3.1E+02	PHYSPROP	4.5E-03	1.1E-04	EPI	3.0E-05	PHYSPROP	1.5E+02	EPI	1.2E+00	ChemNet	5.3E-02	5.3E-06	EPA WATER		1.1E+04	EPI	5.8E+00	PHYSPROP	1.1E-01	PHYSPROP	1.4E+00	5.7E+00	2.2E+01	2.1E-01	EPI		
Isoopropanol	67-63-0	6.0E+01	PHYSPROP	3.3E-04	8.1E-06	PHYSPROP	4.5E+01	PHYSPROP	-9.0E+01	PHYSPROP	7.8E-01	CRC89	1.0E-01	1.1E-05	EPA WATER														

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters					
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm·m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ (cm ² /s)	D ₁₀ and D ₁₀ Ref	K _{ow} (L/kg)	K _{ow} Ref	K _{ow} (L/kg)	K _{ow} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (hr ⁻¹)	t ¹ (hr)	K _p (cm/hr)	KPREF
Methyl Acetate	79-20-9	74E+01	PHYSPROP	4.7E-03	1.2E-04	PHYSPROP	2.2E+02	PHYSPROP	-9.8E+01	PHYSPROP	9.3E-01	CRC89	9.6E-02	1.1E-05	EPA WATER9		3.1E+00	EPI	1.8E-01	PHYSPROP	2.4E+05	PHYSPROP	2.6E-03	2.7E-01	6.6E-01	7.9E-04	EPI
Methyl Acrylate	96-33-3	8.6E+01	PHYSPROP	8.7E-01	2.0E-04	EPI	8.7E+01	PHYSPROP	-7.7E+01	PHYSPROP	9.5E-01	CRC89	8.6E-02	1.0E-05	EPA WATER9		5.8E+00	EPI	8.0E-01	PHYSPROP	4.9E+04	PHYSPROP	6.2E-03	3.2E-01	7.7E-01	1.8E-03	EPI
Methyl Ethyl Ketone (2-Butanone)	78-93-3	7.2E+01	PHYSPROP	2.3E-03	5.7E-05	PHYSPROP	9.1E+01	PHYSPROP	-8.7E+01	PHYSPROP	8.0E-01	CRC89	9.1E-02	1.0E-05	EPA WATER9		4.5E+00	EPI	2.9E-01	PHYSPROP	2.2E+05	PHYSPROP	3.1E-03	2.7E-01	6.4E-01	9.6E-04	EPI
Methyl Hydrazine	60-34-4	4.6E+01	PHYSPROP	1.2E-04	3.0E-06	PHYSPROP	5.0E+01	PHYSPROP	-5.2E+01	PHYSPROP	8.7E-01	LANGE	1.3E-01	1.4E-05	EPA WATER9		1.3E+01	EPI	1.1E+00	PHYSPROP	1.0E+06	PHYSPROP	4.5E-04	1.9E-01	4.6E-01	1.7E-04	EPI
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.0E+02	PHYSPROP	5.6E-03	1.4E-04	EPI	2.0E+01	PHYSPROP	-8.4E+01	PHYSPROP	8.0E-01	CRC89	7.0E-02	8.3E-06	EPA WATER9		1.3E+01	EPI	1.3E+00	PHYSPROP	1.9E+04	PHYSPROP	1.2E-02	3.8E-01	9.2E-01	3.2E-03	EPI
Methyl Isocyanate	624-83-9	5.7E+01	PHYSPROP	3.8E-02	9.3E-04	PHYSPROP	3.5E+02	PHYSPROP	-4.5E+01	PHYSPROP	9.6E-01	CRC89	1.2E-01	1.3E-05	EPA WATER9		4.0E+01	EPI	7.9E-01	PHYSPROP	2.9E+04	PHYSPROP	7.3E-03	2.2E-01	5.3E-01	2.5E-03	EPI
Methyl Methacrylate	96-32-6	1.0E+02	PHYSPROP	1.3E-02	3.3E-04	EPI	3.9E+01	PHYSPROP	-4.8E+01	PHYSPROP	9.4E-01	CRC89	7.5E-02	9.2E-06	EPA WATER9		9.1E+00	EPI	1.4E+00	PHYSPROP	1.5E+04	PHYSPROP	1.4E-02	3.8E-01	9.2E-01	3.6E-03	EPI
Methyl Parathion	298-00-0	2.6E+02	PHYSPROP	4.1E-06	1.0E-07	PHYSPROP	2.6E+02	PHYSPROP	1.6E+01	PHYSPROP	1.4E+00	CRC89	2.5E-02	6.4E-06	EPA WATER9		7.3E+02	EPI	2.9E+00	PHYSPROP	3.8E+01	PHYSPROP	2.6E-02	3.1E+00	7.5E+00	4.2E-03	EPI
Methyl Phosphonic Acid	993-13-5	9.6E+01	PHYSPROP	5.0E-10	1.2E-11	PHYSPROP	3.3E-04	EPI	1.1E+02	PHYSPROP							1.4E+00	EPI	7.0E-01	PHYSPROP	2.0E+04	PHYSPROP	3.7E-04	3.6E-01	8.7E-01	9.8E-05	EPI
Methyl Styrene (Mixed Isomers)	25013-15-4	3.5E+02	PHYSPROP	1.1E-01	2.6E-03	PHYSPROP	1.5E+00	PHYSPROP	-8.6E+01	EPI	8.9E-01	HSDB	1.7E-02	4.2E-06	EPA WATER9		7.2E+02	EPI	3.4E+00	PHYSPROP	8.9E+01	PHYSPROP	4.8E-01	1.0E+01	2.4E+01	6.6E-02	EPI
Methyl Sulfonate	66-27-3	1.1E+02	PHYSPROP	1.6E-04	4.0E-06	PHYSPROP	3.1E-01	PHYSPROP	2.0E+01	PHYSPROP	1.3E+00	CRC89	7.9E-02	1.1E-05	EPA WATER9		4.3E+00	EPI	-6.6E-01	PHYSPROP	2.0E+05	LANGE	5.6E-04	4.4E-01	1.0E+00	1.4E-04	EPI
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8.8E+01	PHYSPROP	2.4E-02	5.9E-04	PHYSPROP	2.5E+02	PHYSPROP	-1.1E+02	EPI	7.4E-01	CRC89	7.5E-02	8.6E-06	EPA WATER9		1.2E+01	EPI	9.4E-01	PHYSPROP	5.1E+04	PHYSPROP	2.9E-03	3.3E-01	7.9E-01	2.1E-03	EPI
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	2.0E+02	PHYSPROP	2.6E-16	6.4E-18	PHYSPROP	4.1E-12	PHYSPROP	2.4E+02	EPI			5.6E-02	6.6E-06	EPA WATER9		2.0E+02	EPI	-2.1E+00	PHYSPROP	1.0E+06	PHYSPROP	7.6E-05	1.3E+00	3.1E+00	5.4E-06	EPI
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	PHYSPROP	3.4E-07	8.3E-09	PHYSPROP	9.8E-04	PHYSPROP	1.1E+02	PHYSPROP			6.7E-02	7.8E-06	EPA WATER9		1.8E+02	EPI	1.9E+00	PHYSPROP	1.0E+04	PHYSPROP	1.8E-02	7.5E-01	1.8E+00	3.8E-03	EPI
Methyl-N-Nitro-N-nitrosoguanidine, N-	70-25-7	1.5E+02	PHYSPROP	5.0E-11	1.2E-12	PHYSPROP	1.2E-04	PHYSPROP	1.2E+02	EPI			6.8E-02	8.0E-06	EPA WATER9		7.2E+01	EPI	-9.2E-01	PHYSPROP	2.7E+05	PHYSPROP	2.7E-04	7.0E-01	1.7E+00	5.7E-05	EPI
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	PHYSPROP	8.6E-05	2.1E-06	PHYSPROP	2.9E-01	PHYSPROP	2.2E+02	PHYSPROP			6.9E-02	8.1E-06	EPA WATER9		1.2E+02	EPI	1.6E+00	PHYSPROP	8.3E+03	PHYSPROP	4.8E-05	6.7E-01	1.6E+00	1.1E-05	EPI
Methylarsonic acid	124-58-3	1.4E+02	PHYSPROP				1.6E-03	PHYSPROP	1.6E+02	PHYSPROP			7.0E-02	8.2E-06	EPA WATER9		4.4E+01	EPI	-1.2E+00	PHYSPROP	2.6E+05	PHYSPROP	1.9E-04	6.4E-01	1.5E+00	4.2E-05	EPI
Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.6E+02	OTHER										6.5E-02	7.6E-06	EPA WATER9								8.1E-01	2.0E+00			
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	2.2E+02	OTHER										5.2E-02	6.1E-06	EPA WATER9								1.8E+00	4.3E+00			
Methylcholanthrene, 3-	56-49-5	2.7E+02	PHYSPROP	2.1E-04	5.2E-06	EPI	4.3E-08	EPI	1.8E+02	PHYSPROP	1.3E+00	CRC89	2.4E-02	6.1E-06	EPA WATER9		9.6E+05	EPI	6.4E+00	PHYSPROP	2.9E-03	PHYSPROP	5.7E+00	3.3E+00	1.5E+01	9.0E-01	EPI
Methylene Chloride	75-09-2	8.5E+01	PHYSPROP	1.3E-01	3.3E-03	PHYSPROP	4.4E+02	PHYSPROP	-9.5E+01	PHYSPROP	1.3E+00	CRC89	1.0E-01	1.3E-05	EPA WATER9		2.2E+01	EPI	1.3E+00	PHYSPROP	1.3E+04	PHYSPROP	1.3E-02	3.1E-01	7.5E-01	3.5E-03	EPI
Methylene-bis(2-chloroaniline), 4,4'	101-14-4	2.7E+02	PHYSPROP	1.7E-09	4.1E-11	PHYSPROP	2.9E-07	PHYSPROP	1.1E+02	PHYSPROP			4.6E-02	5.4E-06	EPA WATER9		5.7E+03	EPI	3.9E+00	PHYSPROP	1.4E-01	PHYSPROP	1.2E-01	3.8E-01	7.9E+00	2.0E-02	EPI
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	2.5E+02	PHYSPROP	4.4E-08	1.1E-09	PHYSPROP	1.8E-05	PHYSPROP	9.2E+01	PHYSPROP			4.7E-02	5.5E-06	EPA WATER9		2.7E+03	EPI	4.4E+00	PHYSPROP	4.1E+00	PHYSPROP	5.2E-01	2.8E+00	6.7E+00	8.4E-02	RAGSE
Methylenbisbenzenamine, 4,4'	101-77-9	2.0E+02	PHYSPROP	2.2E-09	5.3E-11	PHYSPROP	2.0E-07	PHYSPROP	9.3E+01	PHYSPROP			5.6E-02	6.5E-06	EPA WATER9		2.1E+03	EPI	1.6E+00	PHYSPROP	1.0E+03	PHYSPROP	1.3E-03	1.4E+00	3.3E+00	1.4E-03	EPI
Methylenediphenyl Diisocyanate	101-68-8	2.5E+02	PHYSPROP	3.7E-05	9.0E-07	PHYSPROP	5.0E-06	PHYSPROP	3.8E+01	PHYSPROP	1.2E+00	CRC89	2.4E-02	6.2E-06	EPA WATER9		2.8E+05	EPI	5.2E+00	PHYSPROP	8.3E-01	PHYSPROP	1.1E+00	2.7E+00	1.0E+01	1.8E-01	EPI
Methylstyrene, Alpha	98-83-9	1.2E+02	PHYSPROP	1.0E-01	2.6E-03	EPI	1.9E+00	EPI	-2.3E+01	PHYSPROP	9.1E-01	CRC89	6.3E-02	8.2E-06	EPA WATER9		7.0E+02	EPI	3.5E+00	PHYSPROP	1.2E+02	PHYSPROP	2.9E-01	4.8E+00	1.2E+00	7.0E-02	EPI
Metolachlor	51218-45-2	2.8E+02	PHYSPROP	3.7E-07	9.0E-09	PHYSPROP	3.1E-05	PHYSPROP	-6.2E+01	PHYSPROP	1.1E+00	CRC89	2.2E-02	5.5E-06	EPA WATER9		4.9E+02	EPI	3.1E+00	PHYSPROP	5.3E+02	PHYSPROP	2.2E-02	4.1E+00	9.8E+00	3.4E-03	EPI
Metribuzin	21087-64-9	2.1E+02	PHYSPROP	4.8E-09	1.2E-10	EPI	4.4E-07	PHYSPROP	1.3E+02	PHYSPROP	1.3E+00	CRC89	2.7E-02	7.1E-06	EPA WATER9		5.3E+01	EPI	1.7E+00	PHYSPROP	1.1E+03	PHYSPROP	7.4E-04	1.7E+00	4.0E+00	1.3E-03	EPI
Methylfuran-methyl	74223-64-6	3.8E+02	PHYSPROP	5.4E-15	1.3E-16	EPI	2.5E-12	PHYSPROP	1.6E+02	PHYSPROP			3.6E-02	4.2E-06	EPA WATER9		9.3E+01	EPI	2.2E+00	PHYSPROP	9.5E+03	PHYSPROP	2.5E-03	1.4E+01	3.4E+01	3.3E-04	EPI
Mineral oils	80021-95-1	1.7E+02	EPI	3.3E+02	8.2E+00	EPI	1.4E-01	EPI	-9.6E+00	EPI	8.8E-01	ChemNet	3.6E-02	6.4E-06	EPA WATER9		4.8E+03	EPI	6.1E+00	EPI	3.7E-03	EPI	9.8E+00	9.5E-01	4.3E+00	2.0E+00	EPI
Mirex	2385-85-5	5.5E+02	PHYSPROP	3.3E-02	8.1E-04	PHYSPROP	8.0E-07	PHYSPROP	4.9E+02	CRC89	2.3E+00	ChemNet	2.2E-02	5.6E-06	EPA WATER9		3.6E+05	EPI	6.9E+00	PHYSPROP	8.5E-02	PHYSPROP	4.6E-01	1.2E+02	2.9E+02	5.2E-02	EPI
Molinate	2212-67-1	1.9E+02	PHYSPROP	1.7E-04	4.1E-06	PHYSPROP	5.6E-03	PHYSPROP	7.0E+01	EPI	1.1E+00	CRC89	3.2E-02	6.8E-06	EPA WATER9		1.8E+02	EPI	3.2E+00	PHYSPROP	9.7E+02	PHYSPROP	9.9E-02	1.2E+00	2.8E+00	1.9E-02	EPI
Molybdenum	7439-98-7	9.6E+01	EPI				0.0E+00	NIOSH	2.6E+03	PHYSPROP	1.0E+01	CRC89				2.0E+01	BAES						3.8E-03	3.6E-01	8.7E-01	1.0E-03	RAGSE
Monochloramine	10599-90-3	5.1E+01	EPI						-6.6E+01	CRC89													2.8E-03	2.0E-01	4.9E-01	1.0E-03	RAGSE
Monomethylamine	88671-99-0	1.1E+02	PHYSPROP	3.6E-04	8.9E-06	PHYSPROP	4.5E-01	PHYSPROP	-5.7E+01	PHYSPROP	9.9E-01	CRC89	7.2E-02	9.1E-06	EPA WATER9		8.2E+01	EPI	1.7E+00	PHYSPROP	5.6E+03	PHYSPROP	2.0E-02	4.2E-01	1.0E+00	5.0E-03	EPI
Myrcobutanol	100871-99-0	2.7E+02	PHYSPROP	1.7E-07	4.3E-09	EPI	1.6E-06	PHYSPROP	6.6E+01	PHYSPROP			4.5E-02	5.3E-06	EPA WATER9		6.1E+03	EPI	2.9E+00	PHYSPROP	1.4E+02	PHYSPROP	2.1E-02	3.6E+00	8.7E+00	3.4E-03	EPI
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	2.6E+02	PHYSPROP	8.4E-09	2.1E-10	PHYSPROP	6.4E-09	EPI	1.4E+02	PHYSPROP			4.7E-02	5.4E-06	EPA WATER9		5.2E+04	EPI	4.0E+00	PHYSPROP	7.4E+00	PHYSPROP	1.6E-01	3.0E+00	7.2E+00	2.6E-02	EPI
Naled	300-76-5	3.8E+02	PHYSPROP	2.7E-03	6.5E-05	EPI	2.0E-04	PHYSPROP	2.7E+01	PHYSPROP	2.0E+00	CRC89	2.5E-02	6.4E-06	EPA WATER9		1.3E+02	EPI	1.4E+00	PHYSPROP	1.5E+00	PHYSPROP	7.1E-04	1.4E+01	3.4E+01	9.4E-05	EPI
Naphthalene	64742-95-5	1.8E-02	EPI	1.8E-02	4.4E-04	EPI	8.5E-02	EPI								3.1E+01	EPI										
Naphthalene, High Flash Aromatic (HFAN)	64742-95-5	1.8E-02	EPI	1.8E-02	4.4E-04	EPI	8.5E-02	EPI								3.1E+01	EPI										
Naphthylamine, 2-	91-59-8	1.4E+02	PHYSPROP	3.3E-06	8.1E-08	PHYSPROP	2.6E-04	PHYSPROP	1.1E+02	PHYSPROP	1.6E+00	CRC89	6.4E-02	1.0E-05	EPA WATER9		2.5E+03	EPI	2.3E+00	PHYSPROP	1.9E+02	PHYSPROP	3.7E-02	6.7E-01	1.6E+00	8.1E-03	EPI
Napropamide	15299-99-7	2.7E+02	PHYSPROP	3.4E-08	8.4E-10	EPI	1.7E-07	PHYSPROP	7.5E+01	PHYSPROP			4.5E-02	5.3E-06	EPA WATER9		3.2E+03	EPI	3.4E+00	PHYSPROP	7.3E+01	PHYSPROP	5.1E-02	3.5E+00	1.3E+00	8.0E-03	EPI
Nickel Acetate	373-02-4	1.8E+02	PHYSPROP				1.8E-05	PHYSPROP			1.8E+00	PERRY	4.6E-02	9.7E-06	EPA WATER9				-1.4E+00	PHYSPROP	1.7E+05	PHYSPROP	9.9E-05	1.0E+			

Regional Removal Management Level (RML) Chemical-specific Parameters Supporting Table November 2015

Contaminant	CAS No.	Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters							
		MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ (cm ² /s)	D ₁₀ and D ₁₀ Ref	K _g (L/kg)	K _g Ref	K _{ow} (unitless)	K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr)	T ¹ (hr)	K _p (hr)	K _{PF}			
*Aroclor 1242	53469-21-9	2.9E+02	PHYSPROP	1.4E-02	3.4E-04	PHYSPROP	8.6E-05	EPI	1.2E+02	EPI	1.4E+00	ATSDR Profile	1.4E+00	ATSDR Profile	2.4E-02	6.1E-06	EPA WATER	7.8E+04	EPI	6.3E+00	PHYSPROP	2.8E-01	PHYSPROP	3.5E+00	4.5E+00	1.9E+01	5.5E-01	EPI	
*Aroclor 1248	12672-29-6	6.2E+02	PHYSPROP	1.8E-02	4.4E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	1.4E+00	HSDB	1.6E-02	3.9E-06	EPA WATER	7.7E+04	EPI	6.2E+00	PHYSPROP	1.0E-01	PHYSPROP	4.5E+00	3.1E+02	1.3E+03	4.8E-01	EPI	
*Aroclor 1254	11097-69-1	3.3E+02	PHYSPROP	1.2E-02	2.8E-04	PHYSPROP	7.7E-05	PHYSPROP	1.3E+02	EPI	1.5E+00	ATSDR Profile	1.5E+00	ATSDR Profile	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	6.5E+00	PHYSPROP	4.3E-02	PHYSPROP	5.2E+00	7.1E+00	3.1E+01	7.5E-01	EPI	
*Aroclor 1260	11096-82-5	4.0E+02	PHYSPROP	1.4E-02	3.4E-04	PHYSPROP	4.1E-05	PHYSPROP	1.6E+02	EPI	1.6E+00	ATSDR Profile	1.6E+00	ATSDR Profile	2.2E-02	5.6E-06	EPA WATER	3.5E+05	EPI	7.6E+00	PHYSPROP	1.4E-02	PHYSPROP	7.5E+00	1.7E+01	7.7E+01	9.9E-01	EPI	
*Aroclor 5460	11126-42-4	2.9E+02	PHYSPROP	5.1E-03	1.3E-04	PHYSPROP	8.5E-06	PHYSPROP	1.2E+02	EPI	1.6E+00	LookChem	1.6E+00	LookChem	2.6E-02	6.8E-06	EPA WATER	8.1E+04	EPI	6.3E+00	PHYSPROP	5.3E-02	PHYSPROP	3.8E+00	4.5E+00	2.0E+01	5.8E-01	EPI	
*Heptachlorobiphenyl, 2,3,3',4,4',5,5' (PCB 189)	39635-31-9	4.0E+02	PHYSPROP	2.1E-03	5.1E-05	PHYSPROP	1.3E-07	PHYSPROP	1.6E+02	EPI	1.7E+00	LookChem	1.7E+00	LookChem	2.2E-02	5.7E-06	EPA WATER	3.5E+05	EPI	8.3E+00	PHYSPROP	7.5E-04	PHYSPROP	2.3E+01	1.7E+01	8.0E+01	3.0E+00	EPI	
*Hexachlorobiphenyl, 2,3,3',4,4',5,5' (PCB 167)	52663-72-6	3.6E+02	PHYSPROP	2.8E-03	6.9E-05	PHYSPROP	5.8E-07	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	1.6E+00	LookChem	2.3E-02	5.9E-06	EPA WATER	2.1E+05	EPI	7.5E+00	PHYSPROP	2.2E-03	PHYSPROP	1.0E+01	1.1E+01	5.0E+01	1.4E+00	EPI	
*Hexachlorobiphenyl, 2,3,3',4,4',5' (PCB 157)	69782-90-7	3.6E+02	PHYSPROP	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.5E+02	EPI	1.6E+00	1	1.6E+00	1	2.3E-02	5.9E-06	EPA WATER	2.1E+05	EPI	7.6E+00	PHYSPROP	1.6E-03	EPI	1.2E+01	1.1E+01	5.0E+01	1.7E+00	EPI	
*Hexachlorobiphenyl, 2,3,3',4,4',5' (PCB 156)	38380-08-4	3.6E+02	PHYSPROP	5.8E-03	1.4E-04	EPI	1.6E-06	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	1.6E+00	LookChem	2.3E-02	5.9E-06	EPA WATER	2.1E+05	EPI	7.6E+00	PHYSPROP	5.3E-03	PHYSPROP	1.2E+01	1.1E+01	5.0E+01	1.7E+00	EPI	
*Hexachlorobiphenyl, 3,3',4,4',5,5' (PCB 169)	32774-16-6	3.6E+02	PHYSPROP	2.8E-03	6.9E-05	PHYSPROP	5.8E-07	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	1.6E+00	LookChem	2.3E-02	5.9E-06	EPA WATER	2.1E+05	EPI	7.4E+00	PHYSPROP	5.1E-04	PHYSPROP	9.1E+00	1.1E+01	5.0E+01	1.2E+00	EPI	
*Pentachlorobiphenyl, 2,3,3',4,4',5' (PCB 123)	65510-44-3	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	9.8E+01	EPI	1.5E+00	LookChem	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.0E+00	EPI	1.6E-02	EPI	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI	
*Pentachlorobiphenyl, 2,3,3',4,4',5' (PCB 118)	31508-00-6	3.3E+02	PHYSPROP	1.2E-02	2.9E-04	EPI	9.0E-06	PHYSPROP	1.3E+02	EPI	1.5E+00	LookChem	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.1E+00	PHYSPROP	1.3E-02	PHYSPROP	8.6E+00	7.1E+00	3.2E+01	1.2E+00	EPI	
*Pentachlorobiphenyl, 2,3,3',4,4',5' (PCB 105)	32598-14-4	3.3E+02	PHYSPROP	1.2E-02	2.8E-04	EPI	6.5E-06	PHYSPROP	1.3E+02	EPI	1.5E+00	LookChem	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	6.8E+00	PHYSPROP	3.4E-03	PHYSPROP	5.2E+00	7.1E+00	3.2E+01	7.5E-01	EPI	
*Pentachlorobiphenyl, 2,3,4,4',5' (PCB 114)	74472-37-0	3.3E+02	PHYSPROP	3.8E-03	9.2E-05	PHYSPROP	5.5E-06	PHYSPROP	9.8E+01	PHYSPROP	1.5E+00	LookChem	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.0E+00	PHYSPROP	1.6E-02	PHYSPROP	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI	
*Pentachlorobiphenyl, 3,3',4,4',5' (PCB 126)	57465-28-8	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	2.2E-06	EPI	1.3E+02	EPI	1.5E+00	LookChem	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.0E+00	EPI	7.3E-03	EPI	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI	
*Polychlorinated Biphenyls (high risk)	1336-36-3	2.9E+02	PHYSPROP	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	1.4E+00	HSDB	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	7.1E+00	PHYSPROP	7.0E-01	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI	
*Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	PHYSPROP	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	1.4E+00	HSDB	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	7.1E+00	PHYSPROP	7.0E-01	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI	
*Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.9E+02	PHYSPROP	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	1.4E+00	HSDB	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	7.1E+00	PHYSPROP	7.0E-01	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI	
*Tetrachlorobiphenyl, 3,3',4,4' (PCB 77)	32598-13-3	2.9E+02	PHYSPROP	3.8E-04	9.4E-06	PHYSPROP	1.6E-05	PHYSPROP	1.8E+02	CRCB9	1.4E+00	LookChem	1.4E+00	LookChem	4.3E-02	5.0E-06	EPA WATER	7.8E+04	EPI	6.6E+00	PHYSPROP	5.7E-04	PHYSPROP	6.0E+00	4.5E+00	2.0E+01	9.2E-01	EPI	
*Tetrachlorobiphenyl, 3,4,4',5' (PCB 81)	76023-50-4	2.9E+02	EPI	9.1E-03	2.2E-04	EPI	8.5E-06	EPI	1.2E+02	EPI	1.4E+00	LookChem	1.4E+00	LookChem	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.8E+00	4.5E+00	2.0E+01	5.8E-01	EPI	
Polymeric Methylene Diphenyl Disocyanate (PMDI)	9016-87-9	5.1E+02	EPI	5.4E-10	1.3E-11	EPI	5.4E-13	EPI	2.5E+02	EPI	1.4E+00	LookChem	1.4E+00	LookChem	3.0E-02	3.5E-06	EPA WATER	1.0E+10	EPI	1.0E+01	EPI	1.8E-06	EPI	1.6E+02	7.8E+01	3.7E+02	1.9E+01	EPI	
Polynuclear Aromatic Hydrocarbons (PAHs)																													
*Acenaphthene	83-32-9	1.5E+02	PHYSPROP	7.5E-03	1.8E-04	PHYSPROP	2.2E-03	PHYSPROP	9.3E+01	PHYSPROP	1.2E+00	CRCB9	1.2E+00	CRCB9	5.1E-02	8.3E-06	EPA WATER	5.0E+03	EPI	3.9E+00	PHYSPROP	3.9E+00	PHYSPROP	4.1E+01	7.7E-01	1.8E+00	8.6E-02	EPI	
*Anthracene	120-12-7	1.8E+02	PHYSPROP	2.3E-03	5.6E-05	PHYSPROP	6.5E-06	EPI	2.2E+02	PHYSPROP	1.3E+00	CRCB9	1.3E+00	CRCB9	3.9E-02	7.9E-06	EPA WATER	1.6E+04	EPI	4.5E+00	PHYSPROP	4.3E-02	PHYSPROP	4.1E+01	1.0E+01	4.4E+01	1.4E-01	EPI	
*Benz[a]anthracene	56-55-3	2.3E+02	PHYSPROP	4.9E-04	1.2E-05	PHYSPROP	2.1E-07	PHYSPROP	8.4E+01	PHYSPROP	1.3E+00	PubChem	1.3E+00	PubChem	2.6E-02	6.7E-06	EPA WATER	1.8E+05	EPI	5.8E+00	PHYSPROP	9.4E-03	PHYSPROP	3.2E+00	2.0E+00	8.5E+00	5.5E-01	EPI	
*Benzo[a]fluoranthene	205-82-3	2.5E+02	PHYSPROP	8.3E-06	2.0E-07	PHYSPROP	2.6E-08	PHYSPROP	1.7E+02	PHYSPROP	1.4E+00	HSDB	1.4E+00	HSDB	4.8E-02	5.6E-06	EPA WATER	6.0E+05	EPI	6.1E+00	PHYSPROP	2.5E-03	PHYSPROP	4.2E+00	2.7E+00	1.2E+01	6.9E-01	EPI	
*Benzo[a]pyrene	50-32-8	2.5E+02	PHYSPROP	1.9E-05	4.6E-07	PHYSPROP	5.5E-09	EPI	1.8E+02	PHYSPROP	1.4E+00	HSDB	1.4E+00	HSDB	4.8E-02	5.6E-06	EPA WATER	5.9E+05	EPI	6.1E+00	PHYSPROP	1.6E-03	PHYSPROP	4.4E+00	2.7E+00	1.2E+01	7.1E-01	EPI	
*Benzo[b]fluoranthene	205-99-2	2.5E+02	PHYSPROP	2.7E-05	6.6E-07	PHYSPROP	5.0E-07	PHYSPROP	1.7E+02	PHYSPROP	1.4E+00	HSDB	1.4E+00	HSDB	4.8E-02	5.6E-06	EPA WATER	6.0E+05	EPI	5.8E+00	PHYSPROP	1.5E-03	PHYSPROP	4.5E+00	2.7E+00	1.1E+01	4.2E-01	EPI	
*Benzo[k]fluoranthene	207-08-9	2.5E+02	PHYSPROP	2.4E-05	5.8E-07	PHYSPROP	9.7E-10	EPI	2.2E+02	PHYSPROP	1.4E+00	HSDB	1.4E+00	HSDB	4.8E-02	5.6E-06	EPA WATER	5.9E+05	EPI	6.1E+00	PHYSPROP	8.0E-04	PHYSPROP	4.2E+00	2.7E+00	1.2E+01	6.9E-01	EPI	
*Chloronaphthalene, Beta-	91-58-7	1.6E+02	PHYSPROP	1.3E-02	3.2E-04	PHYSPROP	1.2E-02	EPI	6.1E+01	PHYSPROP	1.1E+00	CRCB9	1.1E+00	CRCB9	4.5E-02	7.7E-06	EPA WATER	2.5E+03	EPI	3.9E+00	PHYSPROP	1.2E+01	PHYSPROP	3.7E+01	8.6E-01	2.1E+00	7.5E-02	EPI	
*Chrysene	218-01-9	2.3E+02	PHYSPROP	2.1E-04	5.2E-06	PHYSPROP	6.2E-09	PHYSPROP	2.6E+02	PHYSPROP	1.3E+00	CRCB9	1.3E+00	CRCB9	2.6E-02	6.7E-06	EPA WATER	1.8E+05	EPI	5.8E+00	PHYSPROP	2.0E-03	PHYSPROP	3.5E+00	2.0E+00	8.5E+00	6.0E-01	EPI	
*Dibenz[a,h]anthracene	53-70-3	2.8E+02	PHYSPROP	5.8E-06	1.4E-07	EPI	9.6E-10	EPI	2																				

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters							
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ (cm ² /s)	D ₁₀ and D ₁₀ Ref	K _{ow} (L/kg)	K _{ow} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	B ₁₀ (unitless)	t* (hr)	K _p	KPREF	
Sodium Tungstate	13472-45-2	2.9E+02	CR89						7.0E+02	CR89	4.2E+00	CR89											7.4E+05	CR89	6.6E+03	4.6E+00	1.1E+01	1.0E+03	RAGSE
Sodium Tungstate Dihydrate	10213-10-2	3.3E+02	CR89						1.0E+02	CR89	3.3E+00	CR89											7.4E+05	CR89	7.0E+03	7.4E+00	1.8E+01	1.0E+03	RAGSE
Stirofos (Tetrachlorovinophos)	961-11-5	3.7E+02	PHYSPROP	7.5E-08	1.8E-09	EPI	4.2E-08	PHYSPROP	9.8E+01	PHYSPROP			3.7E-02	4.3E-06	EPA WATER9			1.4E+03	EPI	3.5E+00	PHYSPROP	1.1E+01	PHYSPROP	2.3E+02	1.2E+01	2.8E+01	3.1E+03	EPI	
Srtrontium Chromate	7789-06-2	2.0E+02	CR89								3.9E+00	CR89										1.1E+03	CR89	5.5E+03	1.5E+00	3.5E+00	1.0E+03	RAGSE	
Srtrontium, Stable	7440-24-6	8.8E+01	PHYSPROP						7.8E+02	PHYSPROP	2.6E+00	CR89				3.5E+01	BAES					3.6E+03		3.6E+03	3.3E+01	7.8E+01	1.0E+03	RAGSE	
Strychnine	57-24-9	3.3E+02	PHYSPROP	3.1E-12	7.6E-14	PHYSPROP	2.9E-09	PHYSPROP	2.9E+02	PHYSPROP	1.4E+00	CR89	2.2E-02	5.6E-06	EPA WATER9			5.4E+03	EPI	1.9E+00	PHYSPROP	1.6E+02	PHYSPROP	3.8E+03	7.8E+00	1.9E+01	4.0E+04	EPI	
Styrene	100-42-5	1.0E+02	PHYSPROP	1.1E-01	2.8E-03	PHYSPROP	6.4E+00	PHYSPROP	-3.1E+01	PHYSPROP	0.9E+01	CR89	2.1E-02	4.8E-06	EPA WATER9			4.5E+02	EPI	3.0E+00	PHYSPROP	3.1E+02	PHYSPROP	1.5E+01	4.0E+01	9.7E+01	3.7E+02	EPI	
Styrene-Acrylonitrile (SAN) Trimer	214E-02	OTHER									1.1E+00	PPRTV	2.6E-02	6.5E-06	EPA WATER9			3.1E+00	OTHER			8.5E+01	PPRTV	6.6E+02	1.6E+00	3.8E+00	1.2E+02	RAGSE	
Sulfane	126-33-0	1.2E+02	PHYSPROP	2.0E-04	4.9E-06	PHYSPROP	4.1E-03	EPI	2.8E+01	PHYSPROP	1.3E+00	CR89	7.7E-02	9.9E-06	EPA WATER9			9.1E+00	EPI	7.7E-01	PHYSPROP	1.0E-06	PHYSPROP	4.3E+04	5.0E+01	1.2E+00	1.0E+04	EPI	
Sulfonolbis(4-chlorobenzene), 1,1'-	80-07-9	2.9E+02	PHYSPROP	5.6E-06	1.4E-07	PHYSPROP	8.1E-07	PHYSPROP	1.5E+02	PHYSPROP	1.3E+00	CR89	4.4E-02	5.1E-06	EPA WATER9			2.9E+03	EPI	3.9E+00	PHYSPROP	2.4E+00	PHYSPROP	9.7E+02	4.3E+00	1.0E+01	1.5E+02	EPI	
Sulfur Trioxide	7446-11-9	8.0E+01	PHYSPROP						2.6E+02	PHYSPROP	1.7E+01	PHYSPROP	1.9E+00	CR89	1.2E-01	1.6E-05	EPA WATER9					3.4E+03		3.0E+01	7.1E+01	1.0E+03	RAGSE		
Sulfuric Acid	7664-93-9	9.8E+01	PHYSPROP						5.9E-05	PHYSPROP	1.0E+01	PHYSPROP	1.8E+00	CR89					1.0E+06	PHYSPROP			3.8E+03	3.7E+01	8.9E+01	1.0E+03	RAGSE		
Sulfurous acid, 2-chloroethyl 2-[4-[1,1-dimethylethyl]phenoxy]-1-methylethyl ester	140-57-8	3.3E+02	PHYSPROP	7.8E-06	1.9E-07	PHYSPROP	2.2E-07	PHYSPROP	-3.2E+01	PHYSPROP	1.1E+00	CR89	2.0E-02	5.0E-06	EPA WATER9			5.6E+03	EPI	4.8E+00	PHYSPROP	5.9E+01	PHYSPROP	2.3E+01	7.9E+00	1.9E+01	3.3E+02	EPI	
TCMTB	21564-17-0	2.4E+02	PHYSPROP	2.7E-10	6.5E-12	PHYSPROP	3.1E-07	PHYSPROP	1.5E+02	EPI			4.9E-02	5.8E-06	EPA WATER9			3.3E+00	PHYSPROP	1.3E+02	PHYSPROP	6.7E+02	2.3E+00	5.5E+00	1.1E+02				
Tebuthiuron	34014-18-1	2.3E+02	PHYSPROP	4.9E-09	1.2E-10	PHYSPROP	3.0E-07	PHYSPROP	1.6E+02	PHYSPROP	1.3E+00	CR89	5.1E-02	5.9E-06	EPA WATER9			4.2E+01	EPI	1.8E+00	PHYSPROP	2.5E+03	PHYSPROP	7.4E+02	2.0E+00	4.8E+00	1.3E+03	EPI	
Temphos	3383-96-8	4.7E+02	PHYSPROP	8.0E-08	2.0E-09	PHYSPROP	7.9E-08	PHYSPROP	3.0E+01	PHYSPROP	1.3E+00	CR89	1.8E-02	4.5E-06	EPA WATER9			9.5E+04	EPI	6.0E+00	PHYSPROP	2.7E+01	PHYSPROP	2.9E+01	4.3E+01	1.0E+02	3.5E+02	EPI	
Tetbacil	5902-51-2	2.2E+02	PHYSPROP	4.7E-07	1.2E-10	EPI	4.7E-07	PHYSPROP	1.8E+02	PHYSPROP	1.3E+00	CR89	2.7E-02	7.2E-06	EPA WATER9			5.0E+01	EPI	1.9E+00	PHYSPROP	7.1E+02	PHYSPROP	9.7E+01	1.7E+00	4.1E+00	1.7E+03	EPI	
Terbufos	13071-79-9	2.9E+02	PHYSPROP	9.8E-04	2.4E-05	EPI	3.2E-04	PHYSPROP	-2.9E+01	PHYSPROP	1.1E+00	CR89	2.2E-02	5.4E-06	EPA WATER9			1.0E+03	EPI	4.5E+00	PHYSPROP	5.1E+00	PHYSPROP	2.3E+01	4.3E+00	1.0E+01	3.6E+02	EPI	
Terbutryn	886-50-0	2.4E+02	PHYSPROP	8.8E-07	2.2E-08	EPI	1.7E-06	PHYSPROP	1.0E+02	PHYSPROP	1.1E+00	CR89	2.4E-02	6.0E-06	EPA WATER9			6.1E+02	EPI	3.7E+00	PHYSPROP	2.5E+01	PHYSPROP	1.3E+01	2.4E+00	5.0E+00	2.1E+02	EPI	
Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1	4.9E+02	PHYSPROP	1.2E-04	3.0E-06	PHYSPROP	7.0E-08	EPI	1.6E+02	EPI			3.1E-02	3.6E-06	EPA WATER9			1.2E+04	EPI	6.8E+00	PHYSPROP	1.5E+03	PHYSPROP	7.9E+01	5.5E+01	2.1E+02	9.3E+02	EPI	
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.2E+02	PHYSPROP	4.1E-02	1.0E-03	PHYSPROP	5.4E-03	EPI	1.4E+02	PHYSPROP	1.3E+00	CR89	3.2E-02	8.8E-06	EPA WATER9			2.2E+03	EPI	4.6E+00	PHYSPROP	6.0E+01	PHYSPROP	6.6E+01	1.7E+00	6.7E+00	1.2E+01	EPI	
Tetrachlorobenzene, 1,1,1,2-	630-20-6	1.7E+02	PHYSPROP	1.0E-01	2.5E-03	PHYSPROP	1.2E+01	PHYSPROP	-7.0E+01	PHYSPROP	1.5E+00	CR89	4.8E-02	9.1E-06	EPA WATER9			8.6E+01	EPI	2.9E+00	PHYSPROP	1.1E+03	PHYSPROP	7.9E+02	9.2E+01	2.2E+00	1.6E+02	EPI	
Tetrachlorobenzene, 1,1,2,2-	79-34-5	1.7E+02	PHYSPROP	1.5E-02	3.7E-04	PHYSPROP	4.6E+00	PHYSPROP	-4.4E+01	PHYSPROP	1.6E+00	CR89	4.9E-02	9.3E-06	EPA WATER9			9.5E+01	EPI	2.4E+00	PHYSPROP	2.8E+03	PHYSPROP	5.5E+02	9.2E+01	2.2E+00	6.9E+03	EPI	
Tetrachloroethylene	127-18-4	1.7E+02	PHYSPROP	1.7E-01	1.8E-02	PHYSPROP	1.9E+01	PHYSPROP	-2.2E+01	PHYSPROP	1.6E+00	CR89	5.0E-02	5.9E-06	EPA WATER9			9.5E+01	EPI	3.4E+00	PHYSPROP	2.1E+02	PHYSPROP	1.7E+01	8.9E+01	2.1E+00	3.3E+02	EPI	
Tetrachlorophenol, 2,3,4,6-	58-90-2	2.3E+02	PHYSPROP	3.6E-04	8.8E-06	EPI	6.7E-04	EPI	7.0E+01	PHYSPROP	1.6E+00	CR89	5.0E-02	5.9E-06	EPA WATER9			3.0E+03	EPI	4.5E+00	PHYSPROP	2.3E+01	PHYSPROP	4.2E+01	2.1E+00	5.0E+00	7.1E+02	EPI	
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.3E+02	PHYSPROP	7.9E-03	1.9E-04	PHYSPROP	3.8E-02	PHYSPROP	4.0E+01	EPI	1.4E+00	CR89	2.8E-02	7.3E-06	EPA WATER9			1.6E+03	EPI	4.5E+00	PHYSPROP	4.0E+00	PHYSPROP	4.9E+01	2.0E+00	4.9E+00	8.4E+02	EPI	
Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+02	PHYSPROP	1.8E-04	4.5E-06	EPI	1.1E-04	PHYSPROP	-3.2E+01	EPI	1.2E+00	CR89	2.1E-02	5.3E-06	EPA WATER9			2.7E+02	EPI	4.0E+00	PHYSPROP	3.0E+01	PHYSPROP	7.5E+02	6.7E+00	1.6E+01	1.1E+02	EPI	
Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+02	PHYSPROP	2.0E+00	5.0E-02	PHYSPROP	5.0E+03	PHYSPROP	-1.0E+02	PHYSPROP	1.2E+00	CR89	8.2E-02	1.1E-05	EPA WATER9			8.6E+01	EPI	1.7E+00	PHYSPROP	2.0E+03	PHYSPROP	2.1E+02	3.9E+01	9.4E+01	5.5E+03	EPI	
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	2.9E+02	PHYSPROP	1.1E-07	2.7E-09	PHYSPROP	5.7E-08	PHYSPROP	1.3E+02	PHYSPROP	1.6E+00	CR89	2.6E-02	6.7E-06	EPA WATER9			4.6E+03	EPI	1.6E+00	PHYSPROP	7.4E+01	PHYSPROP	6.1E+03	4.3E+00	1.0E+01	4.7E+04	EPI	
Thallium (I) Nitrate	10102-45-1	2.7E+02	PHYSPROP						2.1E+02	PHYSPROP	5.6E+00	CR89						9.6E+04	PHYSPROP			3.3E+03		3.3E+00	3.3E+00	1.0E+00	1.0E+03	RAGSE	
Thallium (Soluble Salts)	7440-28-0	2.1E+02	PHYSPROP						3.0E+02	PHYSPROP	1.2E+01	CR89				7.1E+01	SSL					5.5E+03		1.5E+00	3.6E+00	1.0E+03	RAGSE		
Thallium Acetate	563-68-8	2.6E+02	PHYSPROP						1.5E+01	PHYSPROP	1.3E+02	CR89	3.9E-02	1.2E-05	EPA WATER9					-1.7E-01	PHYSPROP	2.8E+04	PHYSPROP	2.5E+04	3.1E+00	7.5E+00	4.0E-05	EPI	
Thallium Carbonate	6533-73-9	4.7E+02	PHYSPROP						5.8E+00	PHYSPROP	2.7E+02	PHYSPROP	3.9E-02	1.2E-05	EPA WATER9					-8.6E-01	PHYSPROP	5.2E+04	PHYSPROP	8.2E+06	4.4E+01	1.1E+02	9.8E-07	EPI	
Thallium Chloride	7791-12-0	2.4E+02	PHYSPROP						4.3E+02	PHYSPROP	7.1E+00	CR89	5.2E-02	1.8E-05	EPA WATER9							2.9E+03	PHYSPROP	6.0E+06	2.3E+00	5.6E+00	1.0E+03	RAGSE	
Thallium Sulfate	7446-18-6	5.0E+02	PHYSPROP						6.3E+02	PHYSPROP	6.8E+00	CR89	3.6E-02	4.2E-06	EPA WATER9							5.5E+04	CR89	8.6E+03	7.1E+01	1.7E+02	1.0E+03	RAGSE	
Thiethylsulfon-methyl	79277-27-3	3.9E+02	PHYSPROP	1.7E-12	4.1E-14	PHYSPROP	1.3E-10	PHYSPROP	1.8E+02	PHYSPROP	1.2E+00	CR89	2.3E-02	5.9E-06	EPA WATER9			5.1E+01	EPI	1.6E+00	PHYSPROP	2.2E+03	PHYSPROP	8.6E+04	1.6E+01	3.7E+01	1.1E+04	EPI	
Thiophene	28249-77-6	2.6E+02	PHYSPROP	1.1E-05	2.7E-07	EPI	2.2E-05	PHYSPROP	3.3E+00	PHYSPROP	1.2E+00	CR89	2.3E-02	5.9E-06	EPA WATER9			1.6E+03	EPI	3.4E+00	PHYSPROP	2.8E+01	PHYSPROP	6.3E+02	2.9E+00	7.0E+00	1.0E+02	EPI	
Thiodiglycol	111-48-8	1.2E+02	PHYSPROP	7.6E-08	1.9E-09	PHYSPROP	3.2E-03	PHYSPROP	-1.0E+02	PHYSPROP	1.2E+00	CR89	6.8E-02	9.4E-06	EPA WATER9			1.0E+00	EPI	6.3E-01	PHYSPROP	1.0E+06	PHYSPROP	5.2E+04	5.1E+01	1.2E+00	1.2E+04	EPI	
Thiofuran	39196-18-4	2.2E+02	PHYSPROP	3.8E-07	9.4E-09	EPI	1.7E-04	PHYSPROP	5.7E+01	PHYSPROP	1.2E+00	CR89	5.2E-02	6.1E-06	EPA WATER9			7.2E+01	EPI	2.2E+00	PHYSPROP	5.2E+03	PHYSPROP	6.2E+02	1.8E+00	4.2E+00	6.3E+03	EPI	
Thiophanate, Methyl	23564-05-8	3.4E+02	PHYSPROP	4.9E-08	1.2E-09	EPI	7.1E-08	PHYSPROP	1.7E+02	EPI	1.3E+00	PERRY	3.9E-02	4.5E-06	EPA WATER9			3.3E+02	EPI	1.4E+00	PHYSPROP	2.7E+01	PHYSPROP	1.1E+03	8.7E+00	2.1E+01	1.6E+04	EPI	
Thiram	1327-26-8	2.4E+02	PHYSPROP	7.4E-06	1.8E-07	EPI	1.7E-05	PHYSPROP	1.6E+02	PHYSPROP	1.3E+00	PERRY	2.6E-02	6.6E-06	EPA WATER9			6.1E+02	EPI	1.7E+00	PHYSPROP	3.0E+01	PHYSPROP	5.9E+05	2.3E+00	5.6E+00	9.9E+04	EPI	
Tin	7440-31-5	1.2E+02	CR89				0.0E+00	NIOSH	1.3E+01	CR89	7.3E+00	CR89	3.8E-02	9.1E-06	EPA WATER9			2.5E+02	BAES			4.2E+03		4.9E+01	1.2E+00	1.0E+03	RAGSE		
Titanium Tetrachloride	7550-45-0	1.9E+02	CR89				1.0E+01	ATSDR Profile	2.4E+01	CR89	1.7E+00																		

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water				Partition Coefficients				Water Solubility		Tapwater Dermal Parameters					
Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	Diw (cm ² /s)	D ₁₀ and D ₁₀₀ Ref	K _d (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr/event)	t [*] (hr)	K _p (cm/hr)	KPREF
Trifluralin	1582-09-8	3.4E+02	PHYSPROP	4.2E-03	1.0E-04	PHYSPROP	4.6E-05	PHYSPROP	4.9E+01	PHYSPROP	1.4E+00	PubChem	2.2E-02	5.6E-06	EPA WATER9		1.6E+04	EPI	5.3E+00	PHYSPROP	1.8E-01	PHYSPROP	5.1E-01	7.9E+00	1.9E+01	7.3E-02	EPI	
Trimethyl Phosphate	512-56-1	1.4E+02	PHYSPROP	2.9E-07	7.2E-09	PHYSPROP	8.5E-01	EPI	-4.6E+01	PHYSPROP	1.2E+00	CRC89	5.8E-02	8.8E-06	EPA WATER9		1.1E+01	EPI	-6.5E-01	PHYSPROP	5.0E+05	PHYSPROP	4.3E-04	6.4E-01	1.5E+00	9.5E-05	EPI	
Trimethylbenzene, 1,2,3	526-73-8	1.2E+02	PHYSPROP	1.8E-01	4.4E-03	PHYSPROP	1.7E+00	PHYSPROP	-2.5E+01	PHYSPROP	8.9E-01	CRC89	6.1E-02	8.0E-06	EPA WATER9		6.3E+02	EPI	3.7E+00	PHYSPROP	7.5E+01	PHYSPROP	3.8E-01	5.0E-01	1.2E+00	9.0E-02	EPI	
Trimethylbenzene, 1,2,4	95-63-6	1.2E+02	PHYSPROP	2.5E-01	6.2E-03	PHYSPROP	2.1E+00	PHYSPROP	-4.4E+01	PHYSPROP	8.8E-01	CRC89	6.1E-02	7.9E-06	EPA WATER9		6.1E+02	EPI	3.6E+00	PHYSPROP	5.7E+01	PHYSPROP	3.6E-01	5.0E-01	1.2E+00	8.6E-02	EPI	
Trimethylbenzene, 1,3,5	108-67-8	1.2E+02	PHYSPROP	3.6E-01	8.8E-03	PHYSPROP	2.5E+00	PHYSPROP	-4.5E+01	PHYSPROP	8.6E-01	CRC89	6.0E-02	7.8E-06	EPA WATER9		6.0E+02	EPI	3.4E+00	PHYSPROP	4.8E+01	PHYSPROP	2.6E-01	5.0E-01	1.2E+00	6.2E-02	EPI	
Trimethylpentene, 2,4,4	25167-70-8	1.1E+02	PHYSPROP	3.0E+01	7.5E-01	PHYSPROP	7.1E+01	PHYSPROP	-8.4E+01	EPI	7.2E-01	PubChem	6.0E-02	7.3E-06	EPA WATER9		2.4E+02	EPI	4.1E+00	PHYSPROP	4.0E+00	PHYSPROP	7.7E-01	4.5E-01	1.7E+00	1.9E-01	RAGSE	
Trinitrobenzene, 1,3,5	99-35-4	2.1E+02	PHYSPROP	2.7E-07	6.5E-09	EPI	6.4E-06	EPI	1.2E+02	PHYSPROP	1.5E+00	CRC89	2.9E-02	7.7E-06	EPA WATER9		1.7E+03	EPI	1.2E+00	PHYSPROP	2.8E-02	PHYSPROP	3.4E-03	1.6E+00	3.9E+00	6.1E-04	EPI	
Trinitrotoluene, 2,4,6	118-96-7	2.3E+02	PHYSPROP	8.5E-07	2.1E-08	EPI	8.0E-06	PHYSPROP	8.0E+01	PHYSPROP	1.7E+00	CRC89	3.0E-02	7.9E-06	EPA WATER9		2.8E+03	EPI	1.6E+00	PHYSPROP	1.2E+02	PHYSPROP	5.6E-03	2.0E+00	4.7E+00	9.6E-04	EPI	
Triphenylphosphine Oxide	791-28-6	2.8E+02	PHYSPROP	2.2E-08	5.3E-10	PHYSPROP	2.6E-09	EPI	1.6E+02	PHYSPROP	1.2E+00	CRC89	2.3E-02	5.8E-06	EPA WATER9		2.0E+03	EPI	2.8E+00	PHYSPROP	6.3E+01	PHYSPROP	2.1E-02	3.8E+00	9.1E+00	3.3E-03	EPI	
Tris[1,3-Dichloro-2-propyl] Phosphate	13674-87-8	4.3E+02	PHYSPROP	1.1E-07	2.6E-09	PHYSPROP	7.4E-08	PHYSPROP	2.7E+01	PHYSPROP	1.4E+00	CRC89	3.3E-02	3.9E-06	EPA WATER9		1.1E+04	EPI	3.7E+00	PHYSPROP	7.0E+00	PHYSPROP	1.3E-02	2.7E+01	6.5E+01	1.6E-03	EPI	
Tris(1-chloro-2-propyl)phosphate	13674-84-5	3.3E+02	PHYSPROP	2.4E-06	6.0E-08	PHYSPROP	2.0E-05	PHYSPROP	-4.0E+01	PHYSPROP	1.4E+00	CRC89	4.0E-02	4.7E-06	EPA WATER9		1.6E+03	EPI	2.6E+00	PHYSPROP	1.2E+03	PHYSPROP	8.4E-03	7.2E+00	1.7E+01	1.2E-03	EPI	
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	PHYSPROP	8.9E-04	2.2E-05	EPI	1.9E-04	PHYSPROP	5.5E+00	PHYSPROP	2.3E+00	PubChem	1.9E-02	4.9E-06	EPA WATER9		9.7E+03	EPI	4.3E+00	PHYSPROP	8.0E+00	PHYSPROP	1.4E-03	8.5E+02	2.0E+03	1.4E-04	EPI	
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	PHYSPROP	1.3E-04	3.3E-06	EPI	6.1E-02	PHYSPROP	-5.5E+01	PHYSPROP	1.4E+00	CRC89	2.4E-02	6.2E-06	EPA WATER9		3.9E+02	EPI	1.4E+00	PHYSPROP	7.0E+03	PHYSPROP	2.3E-03	4.2E+00	1.0E+01	3.6E-04	EPI	
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	PHYSPROP	3.2E-06	7.9E-08	EPI	8.3E-08	PHYSPROP	-7.4E+01	PHYSPROP	9.9E-01	CRC89	1.6E-02	3.9E-06	EPA WATER9		2.5E+06	EPI	9.5E+00	PHYSPROP	6.0E-01	PHYSPROP	9.3E+01	2.9E+01	1.3E+02	1.2E+01	EPI	
Tungsten	7440-33-7	1.8E+02	PHYSPROP				0.0E+00	NIOSH	3.4E+03	PHYSPROP	1.9E+01	CRC89				1.5E+02	BAES					5.2E-03	1.1E+00	2.7E+00	1.0E-03	RAGSE		
Uranium (Soluble Salts)	NA	2.4E+02	CRC89				0.0E+00	NIOSH	1.1E+03	CRC89	1.9E+01	CRC89				4.5E+02	BAES					5.9E-03	2.3E+00	5.4E+00	1.0E-03	RAGSE		
Urethane	51-79-6	8.9E+01	PHYSPROP	2.6E-06	6.4E-08	EPI	2.6E-01	EPI	4.9E+01	PHYSPROP	9.9E-01	CRC89	8.5E-02	1.0E-05	EPA WATER9		1.2E+01	EPI	-1.5E-01	PHYSPROP	4.8E+05	PHYSPROP	1.4E-03	3.3E-01	8.0E-01	3.9E-04	EPI	
Vanadium Pentoxide	1314-62-1	1.8E+02	EPI				0.0E+00	NIOSH	6.8E+02	CRC89	3.4E+00	CRC89									7.0E+02	CRC89	5.2E-03	1.1E+00	2.6E+00	1.0E-03	RAGSE	
Vanadium and Compounds	7440-62-2	5.1E+01	EPI						1.9E+03	CRC89	6.0E+00	CRC89				1.0E+03	SSL					2.7E-03	2.0E-01	4.9E-01	1.0E-03	RAGSE		
Vernolate	1929-77-7	2.0E+02	PHYSPROP	1.3E-03	3.1E-05	EPI	1.0E-02	PHYSPROP	7.1E+01	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	EPA WATER9		3.0E+02	EPI	3.8E+00	PHYSPROP	9.0E+01	PHYSPROP	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI	
Vinclozolin	50471-44-8	2.9E+02	PHYSPROP	7.1E-07	1.7E-08	EPI	1.2E-07	PHYSPROP	1.1E+02	PHYSPROP	1.5E+00	CRC89	2.5E-02	6.5E-06	EPA WATER9		2.8E+02	EPI	3.1E+00	PHYSPROP	2.6E+00	PHYSPROP	2.9E-02	4.2E+00	1.0E+01	4.5E-03	EPI	
Vinyl Acetate	108-05-4	8.6E+01	PHYSPROP	2.1E-02	5.1E-04	EPI	9.0E+01	PHYSPROP	-9.3E+01	PHYSPROP	9.3E-01	CRC89	8.5E-02	1.0E-05	EPA WATER9		5.6E+00	EPI	7.3E-01	PHYSPROP	2.0E-04	PHYSPROP	5.6E-03	3.2E-01	7.7E-01	1.6E-03	EPI	
Vinyl Bromide	593-60-2	1.1E+02	PHYSPROP	5.0E-01	1.2E-02	PHYSPROP	1.0E+03	PHYSPROP	1.4E+02	PHYSPROP	1.5E+00	CRC89	8.6E-02	1.2E-05	EPA WATER9		2.2E+01	EPI	1.6E+00	PHYSPROP	7.6E+03	PHYSPROP	1.7E-02	4.2E-01	1.0E+00	4.4E-03	EPI	
Vinyl Chloride	75-01-4	6.2E+01	PHYSPROP	1.1E+00	2.8E-02	PHYSPROP	3.0E+03	EPI	-1.5E+02	PHYSPROP	9.1E-01	CRC89	1.1E-01	1.2E-05	EPA WATER9		2.2E+01	EPI	1.6E+00	PHYSPROP	8.8E+03	PHYSPROP	2.5E-02	2.4E-01	5.7E-01	8.4E-03	EPI	
Warfarin	81-81-2	3.1E+02	PHYSPROP	1.1E-07	2.8E-09	EPI	1.2E-07	PHYSPROP	1.6E+02	PHYSPROP			4.2E-02	4.9E-06	EPA WATER9		4.3E+02	EPI	2.7E+00	PHYSPROP	1.7E+01	PHYSPROP	1.2E-02	5.6E+00	1.3E+01	1.8E-03	EPI	
Xylene, p-	106-42-3	1.1E+02	PHYSPROP	2.8E-01	6.9E-03	PHYSPROP	8.8E+00	PHYSPROP	1.3E+01	PHYSPROP	8.6E-01	CRC89	6.8E-02	8.4E-06	EPA WATER9		3.8E+02	EPI	3.2E+00	PHYSPROP	1.6E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	4.9E-02	EPI	
Xylene, m-	108-38-3	1.1E+02	PHYSPROP	2.9E-01	7.2E-03	PHYSPROP	8.3E+00	PHYSPROP	-4.8E+01	PHYSPROP	8.6E-01	CRC89	6.8E-02	8.4E-06	EPA WATER9		3.8E+02	EPI	3.2E+00	PHYSPROP	1.6E+02	PHYSPROP	2.1E-01	4.1E-01	9.9E-01	5.3E-02	EPI	
Xylene, o-	95-47-6	1.1E+02	PHYSPROP	2.1E-01	5.2E-03	PHYSPROP	6.6E+00	PHYSPROP	-2.5E+01	PHYSPROP	8.8E-01	CRC89	6.9E-02	8.5E-06	EPA WATER9		3.8E+02	EPI	3.1E+00	PHYSPROP	1.8E+02	PHYSPROP	1.9E-01	4.1E-01	9.9E-01	4.7E-02	EPI	
Xylenes	1330-20-7	1.1E+02	PHYSPROP	2.7E-01	6.6E-03	PHYSPROP	8.0E+00	PHYSPROP	-2.5E+01	EPI	8.6E-01	ATSDR Profile	6.9E-02	8.5E-06	EPA WATER9		3.8E+02	EPI	3.2E+00	PHYSPROP	1.1E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	5.0E-02	EPI	
Zinc Phosphide	1314-84-7	2.6E+02	CRC89						1.2E+03	CRC89	4.6E+00	CRC89											3.7E-03	2.9E+00	7.0E+00	6.0E-04	RAGSE	
Zinc and Compounds	7440-66-6	6.5E+01	PHYSPROP						4.2E+02	PHYSPROP	7.1E+00	CRC89				6.2E+01	SSL					1.9E-03	2.4E-01	5.9E-01	6.0E-04	RAGSE		
Zineb	12122-67-7	2.8E+02	PHYSPROP	1.1E-07	2.7E-09	PHYSPROP	7.5E-08	PHYSPROP	1.6E+02	EPI	1.6E+02	EPI	4.5E-02	5.2E-06	EPA WATER9		1.3E+03	EPI	1.3E+00	PHYSPROP	1.0E+01	PHYSPROP	2.1E-03	3.7E+00	8.8E+00	3.3E-04	EPI	
Zirconium	7440-67-7	9.1E+01	EPI				0.0E+00	NIOSH	1.9E+03	CRC89	6.5E+00	CRC89				3.0E+03	BAES					3.7E-03	3.4E-01	8.2E-01	1.0E-03	RAGSE		