

Contaminant	Molecular Weight		Volatility Parameters				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	Vapor Pressure (cmHg)	VP Ref	Density (g/cm ³)	Density Ref	D _{air} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{ow} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{oc} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr/yr)	t (hr)	K _p (cm ² /hr)	KPREF	
ALAR	1596-84-5	1.6E+02	EPI	1.7E-08	4.2E-10	EPI	2.0E-04	EPI	1.4E+00	CRC89	6.4E-02	7.5E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	-1.5E+00	EPI	1.0E+05	EPI	1.0E+05	EPI	1.0E+05	EPI	9.7E-05	8.3E-01	2.0E+00	2.0E-05	EPI
Acephate	30560-19-1	1.8E+02	EPI	2.0E-11	5.0E-13	EPI	1.7E-06	EPI	1.4E+00	CRC89	3.7E-02	8.0E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	-8.5E-01	EPI	8.2E+05	EPI	8.2E+05	EPI	8.2E+05	EPI	2.1E-04	1.1E+00	2.7E+00	4.0E-05	EPI
Acetaldelyde	75-07-0	4.4E+01	EPI	2.7E-03	6.7E-05	EPI	9.0E+02	EPI	1.7E+01	EPI	1.3E-01	1.4E-05	WATER9 (U.S. EPA, 2001)	3.0E+00	EPI	-3.4E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	3.1E-03	1.9E-01	4.5E-01	5.3E-04	EPI
Acetochlor	34268-82-1	2.7E+02	EPI	9.1E-07	2.2E-08	EPI	2.8E-05	EPI	1.1E+00	PubChem	2.2E-02	5.6E-06	WATER9 (U.S. EPA, 2001)	3.0E+00	EPI	3.0E+00	EPI	2.2E+02	EPI	2.2E+02	EPI	2.2E+02	EPI	3.1E-02	3.4E+00	8.2E+00	5.0E-03	EPI
Acetone	67-64-1	5.8E+01	EPI	1.4E-03	3.5E-05	EPI	2.3E+02	EPI	7.8E-01	CRC89	1.4E-03	5.0E-06	WATER9 (U.S. EPA, 2001)	2.4E+00	EPI	-2.4E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	1.5E-03	2.2E-01	5.3E-01	1.5E-04	EPI
Acetone Cyanohydril	75-86-5	8.5E+01	EPI	5.3E-04	1.3E-05	EPI	3.4E-01	EPI	9.3E-01	CRC89	8.6E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-3.0E-02	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	1.8E-03	3.2E-01	7.6E-01	5.0E-04	EPI
Acetonitrile	125-06-8	4.1E+01	EPI	1.4E-03	3.5E-05	EPI	8.9E+01	EPI	1.3E-01	CRC89	1.3E-01	1.4E-05	WATER9 (U.S. EPA, 2001)	4.7E+00	EPI	-3.4E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	1.4E-03	1.8E-01	4.3E-01	5.5E-04	EPI
Acetophenone	98-86-2	1.2E+02	EPI	4.3E-04	1.0E-05	EPI	4.0E-01	EPI	1.0E+00	CRC89	6.5E-02	8.7E-06	WATER9 (U.S. EPA, 2001)	5.2E+01	EPI	1.6E+00	EPI	6.1E+03	EPI	6.1E+03	EPI	6.1E+03	EPI	1.6E-02	5.0E-01	1.2E+00	3.7E-03	EPI
Aceylaminofluorene, 2	53-96-3	2.2E+02	EPI	7.8E-09	1.9E-10	EPI	2.9E-05	EPI	1.0E+00	CRC89	5.2E-02	6.0E-06	WATER9 (U.S. EPA, 2001)	2.2E+03	EPI	3.1E+00	EPI	8.5E+03	EPI	8.5E+03	EPI	8.5E+03	EPI	7.2E-02	1.9E+00	4.5E+00	1.2E-02	RAGSE
Acrolein	107-02-8	5.6E+01	EPI	5.0E-03	1.2E-04	EPI	2.7E-02	EPI	8.4E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-1.0E-02	EPI	2.1E+05	EPI	2.1E+05	EPI	2.1E+05	EPI	2.2E-03	2.2E-01	5.2E-01	7.5E-04	EPI
Acrylamide	79-06-1	7.1E+01	EPI	7.0E-08	1.7E-09	EPI	7.0E-03	EPI	1.2E+00	LANGE	1.1E-01	1.3E-05	WATER9 (U.S. EPA, 2001)	5.7E+00	EPI	-6.7E-01	EPI	3.9E+05	EPI	3.9E+05	EPI	3.9E+05	EPI	7.3E-04	2.6E-01	6.3E-01	2.2E-04	EPI
Acrylic Acid	79-10-7	7.2E+01	EPI	1.5E-05	3.7E-07	EPI	4.0E+00	EPI	1.1E+00	CRC89	1.0E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	1.4E+00	EPI	3.5E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	3.4E-03	2.7E-01	6.4E-01	1.1E-03	EPI
Acrylonitrile	107-13-1	5.3E+01	EPI	5.6E-03	1.4E-04	EPI	1.1E+02	EPI	8.0E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	8.5E+00	EPI	2.5E-01	EPI	7.5E+04	EPI	7.5E+04	EPI	7.5E+04	EPI	3.2E-03	2.1E-01	5.0E-01	1.2E-03	EPI
Adiponitrile	111-69-3	1.1E+02	EPI	4.9E-08	1.2E-09	EPI	6.8E-04	EPI	9.7E-01	CRC89	7.1E-02	9.0E-06	WATER9 (U.S. EPA, 2001)	2.0E+01	EPI	-3.2E-01	EPI	8.0E+04	EPI	8.0E+04	EPI	8.0E+04	EPI	9.5E-04	4.2E-01	1.0E+00	2.4E-04	EPI
Alachlor	15972-60-8	2.7E+02	EPI	3.4E-07	8.3E-09	EPI	2.1E-05	EPI	1.1E+00	CRC89	2.3E-02	5.7E-06	WATER9 (U.S. EPA, 2001)	3.1E+02	EPI	3.5E+00	EPI	2.4E+02	EPI	2.4E+02	EPI	2.4E+02	EPI	6.6E-02	3.4E+00	8.2E+00	1.1E-02	EPI
Aldicarb	116-06-3	1.9E+02	EPI	5.9E-08	1.4E-09	EPI	3.5E-05	EPI	1.2E+00	CRC89	3.2E-02	7.2E-06	WATER9 (U.S. EPA, 2001)	2.5E+01	EPI	1.1E+00	EPI	6.0E+03	EPI	6.0E+03	EPI	6.0E+03	EPI	4.0E-03	1.2E+00	2.9E+00	7.6E-04	EPI
Alidicarb Sulfone	1646-88-4	2.2E+02	EPI	1.4E-07	3.4E-09	EPI	9.0E-05	EPI	1.0E+00	CRC89	5.2E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	-5.7E-01	EPI	1.0E+04	EPI	1.0E+04	EPI	1.0E+04	EPI	2.1E-04	1.8E+00	4.4E+00	3.7E-05	EPI
Alidicarb sulfoxide	1646-87-3	2.1E+02	EPI	4.0E-08	9.7E-10	EPI	1.0E-04	EPI	1.0E+00	CRC89	5.4E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	1.9E+01	EPI	-7.8E-01	EPI	2.8E+04	EPI	2.8E+04	EPI	2.8E+04	EPI	1.8E-04	1.5E+00	3.9E+00	3.3E-05	EPI
Allyl	309-50-2	3.9E+02	EPI	9.8E-03	4.4E-05	EPI	1.2E-04	EPI	1.6E+00	PubChem	2.3E-02	5.8E-06	WATER9 (U.S. EPA, 2001)	8.2E+04	EPI	6.5E+00	EPI	1.7E+02	EPI	1.7E+02	EPI	1.7E+02	EPI	2.2E-05	1.3E+01	4.8E+01	2.3E-01	EPI
Allyl Alcohol	74223-64-6	5.8E+01	EPI	5.4E-15	1.3E-16	EPI	2.9E-11	EPI	9.3E+01	EPI	3.9E+01	9.3E+01	WATER9 (U.S. EPA, 2001)	9.5E+03	EPI	2.2E+00	EPI	9.5E+03	EPI	9.5E+03	EPI	9.5E+03	EPI	2.5E-03	1.4E+00	3.9E-01	3.5E-04	EPI
Allyl Chloride	107-05-1	7.7E+01	EPI	4.5E-01	1.1E-02	EPI	3.7E+02	EPI	8.5E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	1.9E+00	EPI	1.7E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	2.8E-03	2.2E-01	5.3E-01	9.6E-04	EPI
Aluminum	7429-90-5	2.7E+01	CRC89				0.0E+00	NIOSH	2.7E+00	CRC89	9.4E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	1.5E+03	BAES	4.0E+01	EPI	1.9E+00	YAWS	3.4E+03	EPI	3.4E+03	EPI	3.8E-02	2.8E-01	6.8E-01	1.1E-02	EPI
Aluminum Phosphide	20859-73-8	5.8E+01	EPI						2.4E+00	CRC89													2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGSE	
Amdro	67485-29-4	4.9E+02	EPI	9.0E-05	2.2E-06	EPI	2.0E-08	EPI	1.0E+00	CRC89	3.0E-02	3.6E-06	WATER9 (U.S. EPA, 2001)	1.8E+08	EPI	2.3E+00	EPI	6.0E+03	EPI	6.0E+03	EPI	6.0E+03	EPI	7.7E-04	6.2E+01	1.5E+02	9.0E-05	EPI
Ametryn	834-12-8	2.3E+02	EPI	9.9E-08	2.4E-09	EPI	2.7E-06	EPI	1.0E+00	CRC89	5.1E-02	6.0E-06	WATER9 (U.S. EPA, 2001)	4.3E+02	EPI	3.0E+00	EPI	2.1E+02	EPI	2.1E+02	EPI	2.1E+02	EPI	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI
Aminobiphenyl, 4	92-67-1	1.7E+02	EPI	7.1E-06	1.7E-07	EPI	9.6E-04	EPI	1.0E+00	CRC89	6.2E-02	7.3E-06	WATER9 (U.S. EPA, 2001)	2.5E+03	EPI	2.9E+00	EPI	1.3E+02	EPI	1.3E+02	EPI	1.3E+02	EPI	7.0E-02	9.3E-01	2.2E+00	1.4E-02	EPI
Aminophenol, m-	591-27-5	1.1E+02	EPI	1.1E-08	2.7E-10	EPI	1.9E-03	EPI	8.0E-01	CRC89	8.3E-02	9.7E-06	WATER9 (U.S. EPA, 2001)	9.0E+01	EPI	2.1E-01	EPI	2.7E+04	EPI	2.7E+04	EPI	2.7E+04	EPI	2.1E-03	4.3E-01	1.0E+00	5.3E-04	EPI
Aminophenol, p-	123-30-8	1.1E+02	EPI	1.5E-08	3.6E-10	EPI	4.0E-05	EPI	8.0E-01	CRC89	8.3E-02	9.7E-06	WATER9 (U.S. EPA, 2001)	9.0E+01	EPI	4.0E-02	EPI	1.6E+04	EPI	1.6E+04	EPI	1.6E+04	EPI	1.6E-03	4.3E-01	1.0E+00	4.1E-04	EPI
Amirbaz	33089-61-1	2.9E+02	EPI	4.0E-04	9.9E-06	EPI	2.0E-06	EPI	1.1E+00	CRC89	2.2E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	2.9E+05	EPI	5.5E+00	EPI	1.0E+00	EPI	1.0E+00	EPI	1.0E+00	EPI	1.1E+00	4.6E+00	1.8E+01	1.6E-01	EPI
Ammonia	7664-41-7	1.7E+01	CRC89	6.6E-04	1.6E-05	PHYSPROP	7.5E-03	PHYSPROP	7.0E-01	CRC89	2.9E-01	2.2E-05	WATER9 (U.S. EPA, 2001)	2.3E-01	OTHER			9.0E+05	PERRY	9.0E+05	PERRY	9.0E+05	PERRY	1.6E-03	1.3E-01	3.1E-01	1.0E-03	RAGSE
Ammonium Sulfamate	7773-06-0	1.1E+02	CRC89	1.8E-04	4.1E-05	NIOSH	0.0E+00	NIOSH	8.1E-01	PubChem	7.3E-02	9.1E-06	WATER9 (U.S. EPA, 2001)	4.1E+00	EPI	8.9E-01	EPI	1.1E+05	EPI	1.1E+05	EPI	1.1E+05	EPI	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGSE
Amlyl Alcohol, tert	75-85-4	8.9E+01	EPI	5.6E-04	1.4E-05	EPI	1.7E+01	EPI	8.1E-01	CRC89	9.8E-02	9.1E-06	WATER9 (U.S. EPA, 2001)	7.0E+01	EPI	9.0E-01	EPI	3.6E+04	EPI	3.6E+04	EPI	3.6E+04	EPI	7.9E-03	3.3E-01	7.9E-01	2.0E-03	EPI
Aniline	62-53-3	9.3E+01	EPI	8.3E-05	2.0E-06	EPI	6.7E-01	EPI	1.0E+00	CRC89	8.3E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	7.0E+01	EPI	9.0E-01	EPI	3.6E+04	EPI	3.6E+04	EPI	3.6E+04	EPI	6.9E-03	3.3E-01	8.4E-01	1.3E-03	EPI
Anthraquinone, 9,10-	84-65-1	2.1E+02	EPI	9.6E-07	2.4E-08	EPI	1.2E-07	EPI	1.0E+00	CRC89	5.4E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	5.0E+03	EPI	3.4E+00	EPI	1.4E+00	EPI	1.4E+00	EPI	1.4E+00	EPI	1.1E-01	1.5E+00	3.7E+00	1.9E-02	EPI
Antimony (metallic)	7440-36-0	1.2E+02	CRC89				0.0E+00	NIOSH	6.7E+00	CRC89				4.5E+01	SSL								4.2E-03	5.1E-01	1.2E+00	1.0E-03	RAGSE	
Antimony Pentoxide	1314-60-9	3.2E+02	CRC89						3.8E+00	CRC89													3.0E+03	CRC89	6.9E+00	1.8E+01	1.0E-03	RAGSE
Antimony Potassium Tartrate	11071-15-1	6.1E+02	EPI						6.6E+00	CRC89	2.6E-02	3.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+01	EPI	-7.3E+00	EPI	5.3E+										

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant	Molecular Weight		Volatility Parameters				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	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	D _{iw} (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{oc} (hr/rev)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{oc} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr)	t (hr)	K _p (cm ² /hr)	K _p Ref	KPREF			
-Calcium Cyanide	592-01-8	9.2E+01	EPI						2.9E+00	CRC89														3.7E-03	3.4E-01	8.3E-01	1.0E-03	RAGSE			
-Copper Cyanide	544-92-3	9.0E+01	EPI																					3.6E-03	3.3E-01	8.0E-01	1.0E-03	RAGSE			
-Cyanide (CN-)	57-12-5	2.6E+01	OTHER																					9.5E+04	PHYSPROP	2.0E-03	1.5E-01	3.5E-01	1.0E-03	RAGSE	
-Cyanogen Chloride	460-19-5	5.2E+01	EPI																					9.5E+03	YAWIS	2.5E-03	2.1E-01	4.9E-01	8.9E-04	RAGSE	
-Cyanogen Bromide	506-69-3	1.1E+02	EPI																					1.0E-03	4.1E-01	9.9E-01	2.8E-04	RAGSE			
-Cyanogen Chloride	506-77-4	6.1E+01	EPI																					3.0E+04	YAWIS	1.2E-03	2.3E-01	5.6E-01	3.9E-04	RAGSE	
-Hydrogen Cyanide	74-90-8	2.7E+01	EPI																					1.0E+06	EPI	2.0E-03	1.0E-01	3.6E-01	1.0E-03	RAGSE	
-Potassium Cyanide	151-50-8	6.5E+01	EPI																					7.2E+05	EPI	6.2E-03	2.4E-01	5.8E-01	2.0E-03	RAGSE	
-Potassium Silver Cyanide	506-61-6	2.0E+02	EPI																					1.1E-02	1.4E+00	3.3E+00	2.0E-03	RAGSE			
-Silver Cyanide	506-64-9	1.3E+02	EPI																					4.5E-03	5.9E-01	1.4E+00	1.0E-03	RAGSE			
-Sodium Cyanide	143-33-9	4.9E+01	EPI																					2.8E+05	CRC89	2.7E-03	2.0E-01	4.7E-01	1.0E-03	RAGSE	
-Thiocyanates	NA																														
-Thiocyanic Acid	463-56-9	5.9E+01	EPI																						3.0E-03	2.3E-01	5.4E-01	1.0E-03	RAGSE		
-Zinc Cyanide	557-21-1	1.2E+02	EPI																						4.7E+00	CRC89	2.5E-03	4.8E-01	1.1E+00	6.0E-04	RAGSE
Cyclohexane	110-82-7	8.4E+01	EPI																						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	EPI																						2.5E-02	7.9E-01	1.9E+02	2.8E-03	EPI		
Cyclohexanone	108-94-1	9.8E+01	EPI																						4.5E-01	EPI	5.8E-03	3.7E-01	8.9E-01	1.5E-03	EPI
Cyclohexene	110-83-8	8.2E+01	EPI																						1.5E-01	EPI	1.5E-01	3.0E-01	7.3E-01	4.3E-02	EPI
Cyclohexylamine	106-91-8	9.9E+01	EPI																						1.6E-02	3.8E-01	9.1E-01	4.3E-03	EPI		
-Chakshirin/Karait	68085-85-8	4.5E+02	EPI																						1.7E+00	3.5E+00	OTHER	5.0E-03	EPI		
Cypermethrin	52315-07-8	4.2E+02	EPI																						4.0E-03	EPI	6.0E-01	2.3E+01	9.1E+01	7.7E-02	EPI
Cyromazine	66215-27-8	1.7E+02	EPI																						4.0E-03	9.0E-01	2.2E+00	8.0E-04	EPI		
DDD	72-54-8	3.2E+02	EPI																						9.0E-02	EPI	1.7E+00	6.5E+00	2.6E+01	2.5E-01	EPI
DDE, p,p'	72-55-9	3.2E+02	EPI																						3.7E+00	6.4E+00	2.7E+01	5.5E-01	EPI		
DDT	50-29-3	3.5E+02	EPI																						4.5E+00	EPI	4.5E+00	1.0E+01	4.4E+01	6.3E-01	EPI
Dacthal	1861-32-1	3.3E+02	EPI																						1.1E-01	7.6E+00	1.8E+01	1.5E-02	EPI		
Dalapon	75-99-0	1.4E+02	EPI																						5.0E+05	EPI	3.7E-03	6.6E-01	1.6E+00	8.2E-04	EPI
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	9.6E+02	EPI																						8.6E+00	EPI	3.8E+00	2.5E+04	1.1E+05	7.3E-01	EPI
Demeton	8065-48-3	2.6E+02	CRC89																						0.0E+00	CRC89	4.7E-02	2.9E+00	7.1E+00	7.6E-03	RAGSE
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	EPI																						2.4E+01	EPI	1.3E+01	5.8E+01	3.2E+00	EPI	
Diallate	2303-16-4	2.7E+02	EPI																						2.9E-01	3.4E+00	8.2E+00	4.6E-02	EPI		
Diazinon	333-41-5	3.0E+02	EPI																						7.0E-02	5.3E+00	1.3E+01	1.0E-02	EPI		
Dibenzothiofene	132-65-0	1.8E+02	EPI																						6.2E-01	EPI	1.1E+00	4.5E+00	1.2E-01	EPI	
Dibromo-3-chloropropane, 1,2-	96-12-8	2.4E+02	EPI																						4.1E-02	2.2E+00	5.3E+00	6.9E-03	EPI		
Dibromobenzene, 1,3-	109-36-1	2.4E+02	EPI																						1.4E-01	2.2E+00	5.3E+00	2.3E-02	EPI		
Dibromobenzene, 1,4-	106-37-8	2.4E+02	EPI																						2.0E-01	EPI	1.4E-01	2.2E+00	5.3E+00	2.5E-02	EPI
Dibromochloromethane	124-48-1	2.1E+02	EPI																						1.6E-02	1.5E+00	3.7E+00	2.9E-03	EPI		
Dibromoethane, 1,2-	106-93-4	1.9E+02	EPI																						3.9E-03	EPI	1.5E-02	1.2E+00	2.8E+00	2.8E-03	EPI
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	EPI																						1.1E-02	9.9E-01	2.4E+00	2.2E-03	EPI		
Dibutyltin Compounds	1918-00-9	2.2E+02	EPI																						3.8E+03	EPI	1.5E-02	1.8E+00	4.4E+00	2.7E-03	EPI
Dichloro-2-butene, 1,4-	746-41-1	1.3E+02	EPI																						5.8E-02	EPI	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI
Dichloro-2-butene, cis-1,4-	1476-11-5	1.3E+02	EPI																						5.3E-01	EPI	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	EPI																						8.5E-02	EPI	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI
Dichloroacetic Acid	79-43-6	1.3E+02	EPI																						5.3E-03	5.5E-01	1.3E+00	1.2E-03	EPI		
Dichlorobenzene, 1,2-	95-50-1	1.5E+02	EPI																						1.6E-02	EPI	2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI
Dichlorobenzene, 1,4-	106-46-7	1.5E+02	EPI																						1.6E+01	EPI	2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI
Dichlorobenzidine, 3,3'	91-94-1	2.5E+02	EPI																						7.8E-02	EPI	2.8E+00	6.6E+00	1.3E-02	EPI	
Dichlorozephorone, 4,4'	90-98-2	2.5E+02	EPI																						3.3E-01	2.7E+00	6.4E+00	5.4E-02	EPI		
Dichlorodifluoromethane	75-71-8	1.2E+02	EPI																						3.8E-02	EPI	5.0E-01	1.2E+00	9.0E-03	EPI	
Dichloroethane, 1,1-	75-34-3	9.9E+01	EPI																						2.6E-02	EPI	3.8E-01	9.0E-01	6.8E-03	EPI	
Dichloroethane, 1,2-	107-06-2	9.9E+01	EPI																						1.6E-02	3.8E-01	9.0E-01	4.2E-03	EPI		
Dichloroethylene, 1,1	75-35-4	9.7E+01	EPI																						4.4E-02	3.7E-01	8.8E-01	1.2E-02	EPI		
Dichloroethylene, 1,2-cis-	156-59-2																														

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant		Molecular Weight		Volatility Parameters				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	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow}	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr)	t (hr)	K _p (cm ² /hr)	KPREF
Glutaraldehyd	111-30-8	1.0E+02	EPI	9.8E-07	2.4E-08	EPI	6.0E-01	EPI			8.8E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-1.8E-01	EPI	7.1E+05	EPI	7.1E+05	EPI	1.3E-03	3.8E-01	9.2E-01	3.3E-04	EPI
Glycidyl Glycol	765-34-4	7.2E+01	EPI	3.2E-05	7.8E-07	EPI	2.2E+01	EPI	1.1E+00	CRC89	1.1E-01	1.3E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-1.2E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.7E-03	2.7E-01	6.4E-01	5.2E-04	EPI
Glyphosate	1071-83-6	1.7E+02	EPI	8.6E-11	2.1E-12	EPI	9.8E-08	EPI			6.2E-02	7.3E-06	WATER9 (U.S. EPA, 2001)	2.1E+03	USDA ARS	3.4E+00	EPI	1.1E+04	EPI	2.3E-07	EPI	2.3E-07	9.3E-01	2.2E+00	4.5E-08	EPI
Coal	42874-03-3	3.9E+02	EPI	3.4E-05	8.2E-07	EPI	2.0E-07	EPI	1.4E+00	CRC89	2.4E-02	5.3E-06	WATER9 (U.S. EPA, 2001)	4.0E+04	EPI	4.7E+00	EPI	1.2E-01	EPI	1.2E-01	EPI	5.5E-01	1.1E+01	2.7E+01	2.0E-02	EPI
Quarantine	115-00-8	5.9E+01	EPI	9.6E-10	2.3E-11	EPI	2.2E+00	EPI	1.0E+00	GuideChem	1.4E-01	1.7E-05	WATER9 (U.S. EPA, 2001)	1.2E+01	EPI	-1.8E+00	EPI	1.8E+03	EPI	1.8E+03	EPI	3.8E-04	2.3E-01	5.4E-01	6.3E-05	EPI
Quarantine Chloride	50-01-1	9.6E+01	EPI	7.3E-17	1.8E-18	EPI	2.4E-06	EPI	1.4E+00	CRC89	9.3E-02	1.2E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-1.7E+00	OTHER	1.0E+06	EPI	1.5E-07	EPI	3.6E-01	8.7E-01	3.9E-08	EPI	
Guthion	86-50-0	3.2E+02	EPI	9.8E-07	2.4E-08	EPI	1.6E-06	EPI	1.4E+00	CRC89	3.2E-02	6.0E-06	WATER9 (U.S. EPA, 2001)	5.2E+01	EPI	2.8E+00	EPI	2.1E+01	EPI	1.2E-02	EPI	6.3E+00	1.5E+01	1.8E-03	EPI	
Haloxypyl, Methyl	69896-40-2	3.8E+02	EPI	1.3E-05	3.2E-07	EPI	6.0E-06	EPI			3.6E-02	4.3E-06	WATER9 (U.S. EPA, 2001)	5.5E+03	EPI	4.1E+00	EPI	9.3E+00	EPI	4.5E-02	EPI	1.3E+01	3.2E+01	6.0E-03	EPI	
Harmony	79277-27-3	3.9E+02	EPI	1.7E-12	4.1E-14	EPI	1.3E-10	EPI	1.6E+00	CRC89	3.6E-02	4.2E-06	WATER9 (U.S. EPA, 2001)	5.1E+01	EPI	1.6E+00	EPI	2.2E+03	EPI	8.6E-04	EPI	1.6E+01	3.7E+01	1.1E-04	EPI	
Heptachlor	76-44-8	3.7E+02	EPI	1.2E-02	2.9E-04	EPI	4.0E-04	EPI	1.6E+00	CRC89	2.2E-02	5.7E-06	WATER9 (U.S. EPA, 2001)	4.1E+04	EPI	6.1E+00	EPI	1.8E-01	EPI	1.1E+00	EPI	1.6E+01	1.3E+01	5.0E+01	1.4E-01	EPI
Heptachlor Epoxide	1024-57-3	3.9E+02	EPI	8.6E-04	2.1E-05	EPI	2.0E-05	EPI	1.0E+00	LookChem	2.4E-02	6.2E-06	WATER9 (U.S. EPA, 2001)	1.0E+04	EPI	5.0E+00	EPI	2.0E-01	EPI	1.6E-01	EPI	1.6E+01	3.8E+01	2.1E-02	EPI	
Hexabromobenzene	87-82-1	5.5E+02	EPI	1.1E-03	2.8E-05	EPI	1.7E-08	EPI	3.0E+00	LookChem	2.5E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	6.1E+00	EPI	1.6E-04	EPI	1.6E-04	EPI	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	1.6E-04	5.1E-06	EPI	3.5E-05	EPI			2.5E-02	3.0E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	3.8E+00	EPI	9.0E-04	EPI	4.2E+02	EPI	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorobenzene	118-74-1	2.8E+02	EPI	7.0E-02	1.7E-03	EPI	1.8E-05	EPI	2.0E+00	CRC89	2.9E-02	7.8E-06	WATER9 (U.S. EPA, 2001)	6.2E+03	EPI	5.7E+00	EPI	6.2E-03	EPI	1.6E+00	EPI	4.0E+00	1.7E+01	2.6E-01	EPI	
Hexachlorobutadiene	87-88-3	2.6E+02	EPI	4.2E-01	1.0E-02	EPI	2.2E-01	EPI	1.6E+00	CRC89	2.7E-02	7.0E-06	WATER9 (U.S. EPA, 2001)	8.5E+02	EPI	4.8E+00	EPI	3.2E+00	EPI	5.0E-01	EPI	3.0E+00	7.3E+00	8.1E-02	EPI	
Hexachlorocyclohexane, Alpha	319-84-6	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	3.5E-05	EPI	1.9E+00	CRC89	4.3E-02	5.1E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	3.8E+00	EPI	2.0E+00	EPI	1.4E-01	EPI	4.5E+00	1.1E+01	2.1E-02	EPI	
Hexachlorocyclohexane, Beta	319-85-7	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	3.5E-05	EPI	1.9E+00	CRC89	4.3E-02	5.1E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	3.8E+00	EPI	2.4E-01	EPI	1.4E-01	EPI	4.5E+00	1.1E+01	2.1E-02	EPI	
Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	4.2E-05	EPI			4.3E-02	5.1E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	3.7E+00	EPI	7.3E+00	EPI	1.4E-01	EPI	4.5E+00	1.1E+01	2.1E-02	EPI	
Hexachlorocyclohexane, Technic	608-73-1	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	3.5E-05	EPI			4.3E-02	5.1E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	4.1E+00	EPI	8.0E+00	EPI	1.4E-01	EPI	4.5E+00	1.1E+01	2.1E-02	EPI	
Hexachlorocyclopentadiene	77-47-4	2.7E+02	EPI	1.1E+00	2.7E-02	EPI	6.0E-02	EPI	1.7E+00	CRC89	3.7E-02	7.2E-06	WATER9 (U.S. EPA, 2001)	1.4E+03	EPI	5.0E+00	EPI	1.8E+00	EPI	6.5E-01	EPI	3.5E+00	1.4E+01	1.0E-02	EPI	
Hexachloroethane	67-72-1	2.4E+02	EPI	1.6E-01	3.9E-03	EPI	2.1E-01	EPI	2.1E+00	CRC89	9.2E-02	7.4E-06	WATER9 (U.S. EPA, 2001)	2.0E+02	EPI	4.1E+00	EPI	5.0E-01	EPI	2.5E-01	EPI	2.2E+00	5.3E+00	4.9E-02	EPI	
Hexachlorophene	70-30-4	4.1E+02	EPI	2.2E-11	5.5E-13	EPI	8.3E-11	EPI			3.2E-02	4.0E-06	WATER9 (U.S. EPA, 2001)	6.7E+05	EPI	7.5E+00	EPI	1.4E+02	EPI	6.5E+00	EPI	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	EPI	8.2E-10	2.0E-11	EPI	4.1E-09	EPI	1.8E+00	CRC89	3.1E-02	8.5E-06	WATER9 (U.S. EPA, 2001)	8.9E+01	EPI	8.7E-01	EPI	6.0E+01	EPI	1.9E-03	EPI	1.8E+00	4.4E+00	3.4E-04	EPI	
Hexamethylene Diisocyanate, 1,6-	822-06-0	1.7E+02	EPI	2.0E-03	4.8E-05	EPI	2.1E-02	EPI	1.1E+00	CRC89	4.0E-02	7.2E-06	WATER9 (U.S. EPA, 2001)	4.8E+03	EPI	3.2E+00	EPI	1.8E+02	EPI	1.2E-01	EPI	9.2E+01	2.2E+00	2.4E-02	EPI	
Hexamethylphosphoramide	680-31-9	1.8E+02	EPI	2.9E-10	7.1E-12	EPI	4.6E-02	EPI	1.0E+00	CRC89	3.5E-02	6.9E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	2.8E-01	EPI	1.0E+06	EPI	1.2E-03	EPI	1.1E+00	2.5E+00	2.0E-04	EPI	
Hexane, N-	110-54-3	8.6E+01	EPI	7.4E+01	1.8E+00	EPI	1.5E-02	EPI	6.8E-01	CRC89	7.3E-02	8.2E-06	WATER9 (U.S. EPA, 2001)	1.3E+02	EPI	3.9E+00	EPI	9.5E+00	EPI	7.2E-01	EPI	3.2E+01	1.2E+00	2.0E-01	EPI	
Hexanedioic Acid	124-04-9	1.5E+02	EPI	1.9E-10	4.7E-12	EPI	3.2E-07	EPI	1.4E+00	CRC89	5.8E-02	9.2E-06	WATER9 (U.S. EPA, 2001)	2.4E+01	EPI	8.0E-02	EPI	3.1E+04	EPI	1.2E-03	EPI	6.9E-01	1.7E+00	2.7E-04	EPI	
Hexanone, 2	591-78-6	1.0E+02	EPI	3.8E-03	9.3E-05	EPI	1.2E+01	EPI	8.1E-01	CRC89	7.0E-02	8.4E-06	WATER9 (U.S. EPA, 2001)	1.5E+01	EPI	1.4E+00	EPI	1.7E+04	EPI	1.4E-02	EPI	3.8E-01	9.2E-01	3.6E-03	EPI	
Hexazinone	51235-04-2	2.5E+02	EPI	9.2E-11	2.3E-12	EPI	2.3E-07	EPI	1.3E+00	CRC89	2.5E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	1.3E+02	EPI	1.9E+00	EPI	3.3E+04	EPI	6.2E-03	EPI	2.7E+00	6.5E+00	1.0E-03	EPI	
Hydrazine	302-01-2	3.2E+01	EPI	2.5E-05	6.1E-07	PubChem	1.4E+01	EPI	1.0E+00	CRC89	1.7E-01	1.9E-05	WATER9 (U.S. EPA, 2001)	1.4E+00	EPI	-2.1E+00	EPI	1.0E+06	EPI	9.5E-05	EPI	1.6E-01	3.8E-01	4.4E-05	RAGSE	
Hydrazine Sulfate	10034-93-2	1.3E+02	EPI	3.5E+01	EPI	8.3E-07	2.0E+06	Toxnet HSDB	1.5E+00	CRC89	1.9E-01	2.3E-05	WATER9 (U.S. EPA, 2001)	3.1E+04	PubChem	3.7E+05	Toxnet HSDB	6.1E+04	PubChem	4.4E-03	EPI	5.5E-01	1.3E+00	1.0E-03	RAGSE	
Hydrogen Chloride	7647-01-0	3.5E+01	EPI	4.3E-03	1.0E-04	PhysProp	9.2E+02	PubChem	8.2E-01	CRC89	2.2E-01	2.2E-05	WATER9 (U.S. EPA, 2001)	2.3E-01	OTHER	2.3E-01	OTHER	1.0E+06	PhysProp	1.7E-03	EPI	1.4E-01	3.3E-01	1.0E-03	RAGSE	
Hydrogen Fluoride	7664-39-3	2.0E+01	CRC89	4.3E-03	1.0E-04	PhysProp	9.2E+02	PhysProp	1.4E+00	CRC89	1.9E-01	2.2E-05	WATER9 (U.S. EPA, 2001)	2.3E-01	OTHER	2.3E-01	OTHER	4.4E+06	PhysProp	2.2E-03	EPI	1.6E-01	3.9E-01	1.0E-03	RAGSE	
Hydrogen Sulfide	7800-73-1	3.4E+01	CRC89	3.5E-01	8.6E-03	PhysProp	1.6E+04	PhysProp	1.4E+00	CRC89	1.9E-01	2.2E-05	WATER9 (U.S. EPA, 2001)	2.3E-01	OTHER	2.3E-01	OTHER	1.0E+06	PhysProp	1.7E-03	EPI	1.4E-01	3.3E-01	1.0E-03	RAGSE	
Hydroquinone	123-31-9	1.1E+02	EPI	1.9E-09	4.7E-11	EPI	2.4E-05	EPI	1.3E+00	CRC89	8.9E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	2.4E+02	EPI	5.9E-01	EPI	7.2E+04	EPI	3.8E-03	EPI	4.3E-01	1.0E+00	9.3E-04	EPI	
Imazali	35554-44-0	3.0E+02	EPI	1.1E-07	2.6E-09	EPI	1.2E-06	EPI	1.2E+00	CRC89	2.1E-02	6.7E-06	WATER9 (U.S. EPA, 2001)	8.5E+03	EPI	4.1E+00	EPI	1.8E+02	EPI	7.7E-02	EPI	4.9E+00	1.2E-01	1.2E-02	EPI	
Imazaliquin	81335-37-7	3.1E+02	EPI	2.8E-16	6.9E-18	EPI	3.4E-13	EPI			4.1E-02	4.8E-06	WATER9 (U.S. EPA, 2001)	2.4E+03	EPI	1.9E+00	EPI	9.0E+01	EPI	3.3E-03	EPI	5.8E+00	1.4E+01	8.8E-04	EPI	
Iodine	7553-56-2	2.5E+02	EPI	1.3E-07	3.1E-09	EPI	2.3E-01	EPI	4.9E+00	CRC89	4.0E-02	4.6E-06	WATER9 (U.S. EPA, 2001)	6.0E+01	BAES	5.3E+01	EPI	3.0E+00	EPI	3.3E+02	EPI	6.1E-03	2.8E+00	6.7E+00	1.0E-03	RAGSE
Iprodione	36734-19-7	3.3E+02	EPI	1.0E+02	EPI	3.8E-09	EPI	EPI			4.0E-02	4.6E-06	WATER9 (U.S. EPA, 2001)	2.3E+00	EPI	3.0E+00	EPI	1.4E+01	EPI	1.5E-02	EPI	7.4E+00	1.8E+01	2.2E-03	EPI	
Iron	7439-89-6	5.6E+01	EPI	0.0E+00																						

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant	Molecular Weight		Volatility Parameters					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	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	DW (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr)	t (hr)	K _p (cm ² /hr)
Methoxychlor	72-43-5	3.5E+02	EPI	8.3E-06	2.0E-07	EPI	4.2E-05	EPI	1.4E+00	CRC89	2.2E-02	5.6E-06	WATER9 (U.S. EPA, 2001)	2.7E+04	EPI	5.1E+00	EPI	1.0E-01	EPI	1.0E-01	EPI	3.1E-01	9.1E+00	2.2E+01	4.3E-02	EPI
Methoxyethanol Acetate, 2	110-49-6	1.2E+02	EPI	1.2E-05	3.1E-07	EPI	2.0E+00	EPI	1.0E+00	CRC89	6.8E-02	8.7E-06	WATER9 (U.S. EPA, 2001)	2.5E+00	EPI	1.0E-01	EPI	1.0E-01	EPI	1.0E+06	EPI	1.7E-03	4.8E-01	1.2E+00	4.0E-04	EPI
Methoxyethanol, 2-	109-86-4	7.6E+01	EPI	1.4E-05	3.3E-07	EPI	9.5E+00	EPI	9.6E-01	CRC89	9.5E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-7.7E-01	EPI	1.0E+06	EPI	6.0E-04	EPI	2.8E-01	6.7E-01	7.8E-04	EPI	
Methyl Acetate	79-20-9	7.4E+01	EPI	4.7E-03	1.2E-04	EPI	2.2E+02	EPI	9.3E-01	CRC89	9.6E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	3.1E+00	EPI	1.8E-01	EPI	2.4E+05	EPI	2.6E-03	EPI	2.7E-01	6.6E-01	1.9E-04	EPI	
Methyl Acrylate	96-33-3	9.6E+01	EPI	8.1E-03	2.0E-04	EPI	8.7E+01	EPI	9.5E-01	CRC89	8.6E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	5.8E+00	EPI	3.9E-01	EPI	4.9E+04	EPI	6.2E-03	EPI	3.2E-01	7.7E-01	1.8E-03	EPI	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	7.2E+01	EPI	2.3E-03	5.7E-05	EPI	9.1E+01	EPI	8.0E-01	CRC89	9.1E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	4.5E+00	EPI	2.9E-01	EPI	2.7E+05	EPI	3.1E-03	EPI	2.7E-01	6.4E-01	9.6E-04	EPI	
Methyl Hydrazine	60-34-4	4.6E+01	EPI	1.3E-06	3.2E-08	EPI	5.0E+01	EPI	8.7E-01	LANGE	1.3E-01	1.4E-05	WATER9 (U.S. EPA, 2001)	1.3E+01	EPI	-1.1E+00	EPI	1.0E+06	EPI	4.5E-04	EPI	1.9E-01	4.6E-01	1.7E-04	EPI	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.0E+02	EPI	5.6E-03	1.4E-04	EPI	2.0E+01	EPI	8.0E-01	CRC89	7.0E-02	8.3E-06	WATER9 (U.S. EPA, 2001)	1.3E+01	EPI	1.3E+00	EPI	1.9E+04	EPI	1.2E-02	EPI	3.8E-01	9.2E-01	3.2E-03	EPI	
Methyl Isocyanate	624-83-9	5.7E+01	EPI	3.8E-02	9.3E-04	EPI	3.5E+02	EPI	9.6E-01	CRC89	1.2E-01	1.3E-05	WATER9 (U.S. EPA, 2001)	4.0E+01	EPI	7.9E-01	YAW5	4.8E+04	EPI	7.3E-03	EPI	2.2E-01	5.3E-01	2.5E-03	EPI	
Methyl Methacrylate	80-62-6	1.0E+02	EPI	1.3E-02	3.2E-04	EPI	3.9E+01	EPI	9.4E-01	CRC89	7.5E-02	9.2E-06	WATER9 (U.S. EPA, 2001)	9.1E+00	EPI	1.4E+00	EPI	1.5E+04	EPI	1.4E-02	EPI	3.8E-01	9.2E-01	3.8E-03	EPI	
Methyl Parathion	298-00-0	2.6E+02	EPI	4.1E-06	1.0E-07	EPI	3.5E-06	EPI	1.4E+00	CRC89	2.5E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	7.3E+02	EPI	2.9E+00	EPI	3.8E+01	EPI	2.6E-02	EPI	1.1E+00	7.5E+00	4.2E-03	EPI	
Methyl Phosphonic Acid	993-13-5	9.6E+01	EPI	5.0E-10	1.2E-11	EPI	3.3E-04	EPI	1.4E+00	CRC89	9.1E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	1.4E+00	EPI	-1.0E+00	EPI	2.0E+04	EPI	3.7E-04	EPI	3.6E-01	8.7E-01	9.8E-05	EPI	
Methyl Styrene (Mixed Isomers)	25013-15-4	1.2E+02	EPI	1.2E-01	3.0E-03	EPI	1.7E+00	EPI	8.9E-01	HSDB	6.2E-02	8.1E-06	WATER9 (U.S. EPA, 2001)	7.2E+02	EPI	3.4E+00	EPI	8.8E+01	EPI	2.8E-01	EPI	4.8E-01	1.2E+00	6.6E-02	EPI	
Methyl methanesulfonate	66-27-3	1.1E+02	EPI	1.6E-04	4.0E-06	EPI	3.1E-01	EPI	1.3E+00	CRC89	7.9E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	4.3E+00	EPI	-6.6E-01	EPI	2.0E+05	LANGE	5.6E-04	EPI	4.4E-01	1.0E+00	1.4E-04	EPI	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8.8E+01	EPI	2.4E-02	5.9E-04	EPI	2.5E+02	EPI	7.4E-01	CRC89	7.5E-02	8.6E-06	WATER9 (U.S. EPA, 2001)	1.2E+01	EPI	9.4E-01	EPI	5.1E+04	EPI	7.6E-03	EPI	3.3E-01	7.9E-01	2.1E-03	EPI	
Methyl-1,4-benzenediamine dichloride, 2-	615-45-2	2.0E+02	EPI	2.6E-16	6.4E-18	EPI	4.1E-12	EPI	5.6E-02	CRC89	6.6E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	2.0E+02	EPI	-2.1E+00	EPI	3.9E+02	EPI	2.9E-05	EPI	1.3E+00	3.1E+00	5.4E-06	EPI	
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	EPI	7.9E-07	1.9E-08	EPI	5.9E-04	EPI	6.7E-02	CRC89	6.7E-02	7.8E-06	WATER9 (U.S. EPA, 2001)	1.8E+02	EPI	1.9E+00	EPI	6.1E+02	EPI	1.8E-02	EPI	7.5E-01	1.8E+00	3.8E-03	EPI	
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.5E+02	EPI	5.0E-11	1.2E-12	EPI	1.2E-04	EPI	6.8E-02	CRC89	6.8E-02	8.0E-06	WATER9 (U.S. EPA, 2001)	7.2E+01	EPI	-9.2E-01	EPI	1.0E+06	EPI	2.7E-04	EPI	7.0E-01	1.7E+00	5.7E-05	EPI	
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	EPI	8.0E-12	2.0E-13	EPI	1.6E-06	EPI	6.9E-02	CRC89	6.9E-02	8.1E-06	WATER9 (U.S. EPA, 2001)	1.2E+02	EPI	-2.1E+00	EPI	4.8E+02	EPI	4.8E-05	EPI	6.7E-01	1.6E+00	1.1E-05	EPI	
Methylanilinic acid	124-58-3	1.4E+02	EPI	1.4E+02		EPI	1.2E-04	EPI	7.0E-02	CRC89	7.0E-02	8.2E-06	WATER9 (U.S. EPA, 2001)	6.4E+00	EPI	6.4E+00	EPI	2.6E+05	EPI	1.9E-04	EPI	6.4E-01	1.5E+00	4.2E-05	EPI	
Methylbenzene, 1,4-diamine monohydrochloride, 2-	74172-12-7	1.6E+02	OTHER	2.2E+02	OTHER				6.5E-02	CRC89	6.5E-02	7.6E-06	WATER9 (U.S. EPA, 2001)	5.2E-02	EPI	6.1E-06	WATER9 (U.S. EPA, 2001)									
Methylbenzene, 1,4-diamine sulfate, 2-	615-50-9	1.6E+02	OTHER	2.2E+02	OTHER				5.2E-02	CRC89	5.2E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	5.2E-02	EPI	6.1E-06	WATER9 (U.S. EPA, 2001)									
Methylchlorobenzene, 1	56-49-5	2.7E+02	EPI	2.1E-04	5.2E-06	EPI	4.3E-08	EPI	1.3E+00	CRC89	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	9.6E+05	EPI	6.4E+00	EPI	2.9E-03	EPI	5.7E+00	EPI	3.3E+00	1.5E+01	9.0E-01	EPI	
Methylene Chloride	75-09-2	8.5E+01	EPI	1.0E-01	3.3E-03	EPI	4.4E+02	EPI	1.3E+00	CRC89	1.3E-01	1.3E-05	WATER9 (U.S. EPA, 2001)	2.2E+01	EPI	1.3E+00	EPI	1.3E+04	EPI	1.3E-02	EPI	3.1E-01	7.5E-01	3.5E-03	EPI	
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.7E+02	EPI	4.7E-10	1.1E-11	EPI	3.9E-06	EPI	4.6E-02	CRC89	4.6E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	5.7E+03	EPI	3.9E+00	EPI	1.4E+01	EPI	1.2E-01	EPI	3.8E+00	7.9E+00	8.0E-02	EPI	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	2.5E+02	EPI	4.9E-06	1.2E-07	EPI	3.3E-06	EPI	4.7E-02	CRC89	4.7E-02	5.5E-06	WATER9 (U.S. EPA, 2001)	2.7E+03	EPI	4.4E+00	EPI	5.5E+00	EPI	5.2E-01	EPI	3.3E+00	6.7E+00	2.4E-02	RAGSE	
Methylenedibenzeneamine, 4,4'-	101-77-9	2.0E+02	EPI	6.5E-10	1.6E-11	EPI	2.1E-06	EPI	5.6E-02	CRC89	5.6E-02	6.5E-06	WATER9 (U.S. EPA, 2001)	2.1E+03	EPI	1.6E+00	EPI	1.0E+03	EPI	7.5E-03	EPI	1.4E+00	3.3E+00	1.4E-03	EPI	
Methylenediphenyl Disocyanate	101-68-8	2.5E+02	EPI	3.7E-05	9.0E-07	EPI	5.0E-06	EPI	1.2E+00	CRC89	2.4E-02	6.2E-06	WATER9 (U.S. EPA, 2001)	2.8E+05	EPI	5.2E+00	YAW5	1.8E+00	EPI	1.1E+00	EPI	2.7E+00	1.0E+01	1.8E-01	EPI	
Methylstyrene, Alpha	98-83-9	1.2E+02	EPI	1.0E-01	2.6E-03	EPI	1.9E+00	EPI	9.1E-01	CRC89	6.3E-02	8.2E-06	WATER9 (U.S. EPA, 2001)	7.0E+02	EPI	3.5E+00	EPI	1.2E+02	EPI	2.9E-01	EPI	4.8E-01	1.2E+00	7.0E-02	EPI	
Metalachlor	51218-45-2	2.8E+02	EPI	3.7E-07	9.0E-09	EPI	3.1E-05	EPI	1.1E-01	CRC89	1.2E-02	5.5E-06	WATER9 (U.S. EPA, 2001)	4.9E+02	EPI	3.1E+00	EPI	3.5E+02	EPI	2.2E-02	EPI	4.1E+00	9.8E+00	3.4E-03	EPI	
Metrubuzin	21087-64-9	2.1E+02	EPI	4.8E-09	1.2E-10	EPI	4.4E-07	EPI	1.3E+00	CRC89	2.7E-02	7.1E-06	WATER9 (U.S. EPA, 2001)	5.3E+01	EPI	1.7E+00	EPI	1.1E+03	EPI	7.4E-03	EPI	1.7E+00	4.0E+00	1.3E-03	EPI	
Mineral oils	8012-95-1	1.7E+02	EPI	3.3E+02	8.2E+00	EPI	1.4E-01	EPI	8.8E-01	ChemNet	3.6E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	4.8E+03	EPI	6.1E+00	EPI	3.7E-03	EPI	8.9E+00	EPI	9.5E-01	4.3E+00	2.0E-03	EPI	
Mirex	2385-85-6	5.5E+02	EPI	3.3E-02	8.1E-04	EPI	8.0E-07	EPI	2.3E+00	ChemNet	3.2E-02	5.6E-06	WATER9 (U.S. EPA, 2001)	3.6E+05	EPI	6.9E+00	EPI	8.5E-02	EPI	4.6E-01	EPI	1.2E+02	2.9E+02	5.2E-02	EPI	
Molinate	2212-67-1	1.9E+02	EPI	1.7E-04	4.1E-06	EPI	5.6E-03	EPI	1.1E+00	CRC89	2.2E-02	6.8E-06	WATER9 (U.S. EPA, 2001)	1.8E+02	EPI	3.2E+00	EPI	7.9E-02	EPI	9.9E-02	EPI	1.2E+00	2.9E+00	1.9E-02	EPI	
Molybdenum	7439-98-7	9.6E+01	EPI	0.0E+00		EPI	0.0E+00	NIOSH	1.0E+01	CRC89	3.6E-02	6.8E-06	WATER9 (U.S. EPA, 2001)	2.0E+01	BAES											
Monochloramine	10599-90-3	5.1E+01	EPI	3.6E-04	8.9E-06	EPI	4.5E-01	EPI	9.9E-01	CRC89	7.2E-02	9.1E-06	WATER9 (U.S. EPA, 2001)	8.2E+01	EPI	1.7E+00	EPI	5.6E+03	EPI	2.8E-03	EPI	3.6E-01	8.7E-01	1.0E-03	RAGSE	
Monomethylaniline	100-61-8	1.1E+02	EPI	8.4E-09	2.1E-10	EPI	6.4E-09	EPI	4.7E-02	CRC89	4.7E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	5.2E+04	EPI	4.0E+00	YAW5	1.6E+00	EPI	2.0E-02	EPI	4.2E-01	1.0E+00	5.0E-03	EPI	
N,N-Diphenyl-1,4-benzenediamin	74-31-7	2.6E+02	EPI	8.4E-09	2.1E-10	EPI	6.4E-09	EPI	4.7E-02	CRC89	4.7E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	5.2E+04	EPI	4.0E+00	YAW5	1.6E+00	EPI	1.6E-01	EPI	3.0E+00	7.2E+00	2.6E-02	EPI	
Naled	30076-5	3.8E+02	EPI	2.7E-03	6.5E-05	EPI	2.0E-04	EPI	2.0E+00	CRC89	2.5E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	1.3E+02	EPI	1.4E+00	EPI	1.5E+00	EPI	1.7E-04	EPI	1.4E+01	3.4E+01	9.4E-05	EPI	
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	1.8E+02	EPI	1.8E-02	4.4E-04	EPI	8.5E-02	EPI	1.6E+00	CRC89	6.4E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	2.5E+03												

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Contaminant		Molecular Weight		Volatility Parameters				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	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	D _{ia} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr)	t (hr)	K _p (cm/hr)	KPREF	
Oxadiazon	19666-30-9	3.5E+02	EPI	3.0E-06	7.3E-08	EPI	1.1E-07	EPI			3.9E-02	4.5E-06	WATERS (U.S. EPA, 2001)			5.0E+03	EPI	4.8E+00	EPI	7.0E-01	EPI	2.0E-01	9.0E+00	2.2E+01	2.8E-02	EPI	
Oxamyl	23135-22-0	2.2E+02	EPI	9.7E-09	2.4E-10	EPI	2.3E-04	EPI	9.7E-01	CRC89	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)			1.0E+01	EPI	-4.7E-01	EPI	2.8E+05	EPI	2.6E-04	1.8E+00	4.3E+00	4.5E-05	EPI	
Paclitaxel	76738-62-0	2.9E+02	EPI	3.4E-09	8.3E-11	EPI	7.5E-09	EPI	1.2E+00	CRC89	2.3E-02	5.7E-06	WATERS (U.S. EPA, 2001)			9.2E+02	EPI	3.2E+00	EPI	2.6E+01	EPI	3.1E-02	4.6E+00	1.1E+01	4.7E-03	EPI	
Paraquat Dichloride	1910-42-5	2.6E+02	EPI	1.3E-11	3.2E-13	EPI	1.0E-07	EPI	1.3E+00	CRC89	4.7E-02	5.5E-06	WATERS (U.S. EPA, 2001)			6.8E+03	EPI	-4.5E+00	EPI	7.7E+05	EPI	3.8E-07	2.9E+00	7.0E+00	5.8E-08	EPI	
Permethrin	5638-2	2.0E+02	EPI	1.2E-05	3.0E-07	EPI	6.7E-06	EPI	1.3E+00	CRC89	2.3E-02	5.8E-06	WATERS (U.S. EPA, 2001)			2.4E+03	EPI	3.8E+00	EPI	1.1E+01	EPI	9.4E-02	4.5E+00	1.1E+01	1.3E-02	EPI	
Perubate	1114-71-2	2.0E+02	EPI	9.7E-03	2.4E-04	EPI	8.9E-02	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)			3.0E+02	EPI	3.8E+00	EPI	1.0E+02	EPI	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI	
Pendimethalin	40487-42-1	2.8E+02	EPI	3.5E-05	8.6E-07	EPI	3.0E-05	EPI	1.2E+00	CRC89	2.3E-02	5.7E-06	WATERS (U.S. EPA, 2001)			5.8E+03	EPI	5.2E+00	EPI	3.0E-01	EPI	7.4E-01	4.0E+00	1.5E+01	1.2E-01	EPI	
Pentabromodiphenyl Ether	32534-81-9	5.6E+02	EPI	1.4E-04	3.5E-06	EPI	3.1E-08	EPI	2.8E+02	CRC89	2.8E-02	3.2E-06	WATERS (U.S. EPA, 2001)			2.2E+04	EPI	6.8E+00	EPI	9.0E-07	EPI	3.4E-01	1.5E+02	3.7E+02	3.7E-02	EPI	
Pentabromodiphenyl Ether, 2,2',4,4',5,5'-BDE-99	60348-60-9	5.6E+02	EPI	1.4E-04	3.5E-06	EPI	3.1E-08	EPI	2.3E+00	IRIS	2.2E-02	5.6E-06	WATERS (U.S. EPA, 2001)			2.2E+04	EPI	7.7E+00	EPI	1.1E-02	EPI	3.4E-01	1.5E+02	3.7E+02	3.7E-02	EPI	
Pentachlorobenzene	609-93-5	2.5E+02	EPI	2.9E-02	7.0E-04	EPI	1.0E-03	EPI	1.8E+00	CRC89	2.9E-02	7.9E-06	WATERS (U.S. EPA, 2001)			3.7E+03	EPI	5.2E+00	EPI	6.3E-01	EPI	1.0E+00	2.7E+00	1.0E+01	1.7E-01	EPI	
Pentachloroethane	76-01-7	2.0E+02	EPI	7.9E-02	1.9E-03	EPI	3.5E+00	EPI	1.7E+00	CRC89	3.2E-02	8.6E-06	WATERS (U.S. EPA, 2001)			1.4E+02	EPI	3.2E+00	EPI	4.8E+02	EPI	8.6E-02	1.4E+00	3.4E+00	1.6E-02	EPI	
Pentachloronitrobenzene	82-68-8	3.0E+02	EPI	1.8E-03	4.4E-05	EPI	5.0E-05	EPI	1.7E+00	CRC89	2.6E-02	6.9E-06	WATERS (U.S. EPA, 2001)			6.0E+03	EPI	4.6E+00	EPI	4.4E-01	EPI	2.8E-01	4.7E+00	1.1E+01	4.2E-01	EPI	
Pentachlorophenol	87-86-5	2.7E+02	EPI	1.0E-06	2.5E-08	EPI	1.1E-04	EPI	2.0E+00	CRC89	3.0E-02	8.0E-06	WATERS (U.S. EPA, 2001)			5.0E+03	EPI	5.1E+00	EPI	1.4E+01	EPI	8.0E-01	3.3E+00	1.3E+01	1.3E-01	EPI	
Pentacythritol tetranitrate (PETN)	78-11-5	3.2E+02	EPI	4.9E-10	1.2E-11	EPI	5.5E-09	EPI	1.8E+00	CRC89	2.6E-02	6.8E-06	WATERS (U.S. EPA, 2001)			6.5E+02	EPI	2.4E+00	YAWS	4.3E+01	EPI	6.9E-03	6.2E+00	1.5E+01	1.0E-03	EPI	
Pentane, n-	109-66-0	7.2E+01	EPI	5.1E+01	1.3E+00	EPI	5.1E+02	EPI	6.3E-01	CRC89	8.2E-02	8.8E-06	WATERS (U.S. EPA, 2001)			7.2E+01	EPI	3.4E+00	EPI	3.8E+01	EPI	3.6E-01	2.7E-01	6.4E-01	1.1E-01	EPI	
Perchlorates																											
-Ammonium Perchlorate	7790-98-9	1.2E+02	EPI						2.0E+00	CRC89											2.0E+05	EPI	4.2E-03	4.8E-01	1.1E+00	1.0E-03	RAGSE
-Lithium Perchlorate	7791-03-9	1.1E+02	CRC89						2.4E+00	CRC89											5.9E+05	CRC89	4.0E-03	4.1E-01	1.0E+00	1.0E-03	RAGSE
-Perchlorate and Perchlorate Salts	14797-73-0	1.2E+02	CRC89																		2.5E+05	CRC89	3.8E-02	4.8E-01	1.1E+00	1.0E-03	RAGSE
-Potassium Perchlorate	7778-74-7	1.4E+02	EPI						2.5E+00	CRC89											1.5E+04	EPI	9.1E-03	6.3E-01	1.5E+00	2.0E-03	RAGSE
-Sodium Perchlorate	7601-89-0	1.2E+02	EPI						2.5E+00	CRC89											2.1E+06	EPI	4.3E-03	5.1E-01	1.2E+00	1.0E-03	RAGSE
Perfluorobutane Sulfonate	375-73-5	3.0E+02	EPI	5.9E-04	1.4E-05	EPI	5.2E-02	EPI	1.8E+00	LookChem	2.7E-02	7.2E-06	WATERS (U.S. EPA, 2001)			1.8E+02	EPI	1.8E+00	EPI	8.9E+03	EPI	8.7E-03	5.0E+00	1.2E+01	1.3E-03	EPI	
Permethrin	52845-53-1	3.9E+02	EPI	7.7E-05	1.9E-06	EPI	2.2E-08	EPI	1.2E+00	CRC89	1.9E-02	4.8E-06	WATERS (U.S. EPA, 2001)			1.2E+05	EPI	6.5E+00	EPI	6.0E-03	EPI	1.6E+00	1.6E+01	6.5E+01	2.1E-01	EPI	
Phenacetin	62-44-2	1.8E+02	EPI	8.7E-09	2.1E-10	EPI	6.9E-07	EPI	1.2E+00	CRC89	6.0E-02	8.6E-06	WATERS (U.S. EPA, 2001)			4.1E+01	EPI	1.6E+00	EPI	7.7E+02	EPI	8.9E-03	1.1E+00	2.5E+00	1.7E-03	EPI	
Phenmedipham	13684-63-4	3.0E+02	EPI	3.4E-11	8.4E-13	EPI	1.0E-11	EPI	1.1E+00	CRC89	4.2E-02	5.0E-06	WATERS (U.S. EPA, 2001)			2.6E+03	EPI	3.6E+00	EPI	4.7E+00	EPI	5.2E-02	5.1E+00	1.2E+01	7.9E-03	EPI	
Phenol	108-95-2	9.4E+01	EPI	1.4E-05	3.3E-07	EPI	3.5E-01	EPI	1.1E+00	CRC89	8.3E-02	1.0E-05	WATERS (U.S. EPA, 2001)			1.9E+02	EPI	1.5E+00	EPI	8.3E+04	EPI	1.6E-02	3.9E+01	8.5E-01	4.3E-03	EPI	
Phenothiazine	92-84-2	2.0E+02	EPI	1.1E-06	2.8E-08	EPI	8.3E-07	EPI	1.3E+00	PubChem	2.9E-02	7.5E-06	WATERS (U.S. EPA, 2001)			1.5E+03	EPI	4.2E+00	EPI	1.6E+00	EPI	3.7E-01	1.4E+00	3.3E+00	6.8E-02	EPI	
Phenylenediamine, m-	106-45-2	1.1E+02	EPI	5.1E-08	1.3E-09	EPI	2.1E-03	EPI	1.0E+00	CRC89	7.2E-02	9.2E-06	WATERS (U.S. EPA, 2001)			3.4E+01	EPI	-3.3E-01	EPI	2.4E+05	EPI	9.4E-04	4.2E-01	1.0E+00	2.3E-04	EPI	
Phenylenediamine, o-	95-54-5	1.1E+02	EPI	2.9E-07	7.2E-09	EPI	2.1E-03	EPI	1.2E+00	CRC89	8.4E-02	9.8E-06	WATERS (U.S. EPA, 2001)			3.5E+01	EPI	1.5E-01	EPI	4.0E+04	EPI	1.9E-03	4.2E-01	1.0E+00	4.9E-04	EPI	
Phenylenediamine, p-	106-50-3	1.1E+02	EPI	3.6E-08	8.9E-10	EPI	6.6E-04	EPI	1.4E+00	CRC89	8.4E-02	9.8E-06	WATERS (U.S. EPA, 2001)			3.4E+01	EPI	-3.0E-01	EPI	3.7E+04	EPI	9.8E-04	4.2E-01	1.0E+00	2.5E-04	EPI	
Phenylphenol, 2-	90-43-7	1.7E+02	EPI	4.3E-05	1.1E-06	EPI	2.0E-03	EPI	1.2E+00	CRC89	4.2E-02	7.8E-06	WATERS (U.S. EPA, 2001)			6.7E+03	EPI	3.1E+00	EPI	7.0E+02	EPI	9.8E-02	9.4E-01	2.3E+00	2.0E-02	EPI	
Phorate	298-02-2	2.6E+02	EPI	1.8E-04	4.4E-06	EPI	6.4E-04	EPI	1.2E+00	CRC89	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)			4.6E+02	EPI	3.6E+00	EPI	5.0E+01	EPI	7.8E-02	3.0E+00	7.2E+00	1.3E-02	EPI	
Phosgene	75-44-5	9.9E+01	EPI	6.8E-01	1.7E-02	EPI	1.4E+03	EPI	1.4E+00	CRC89	8.9E-02	1.2E-05	WATERS (U.S. EPA, 2001)			1.0E+00	EPI	-7.1E-01	YAWS	6.8E+03	YAWS	5.6E-04	3.8E-01	9.0E-01	1.5E-04	EPI	
Phosmet	732-11-6	3.2E+02	EPI	3.4E-07	8.4E-09	EPI	4.9E-07	EPI			4.1E-02	4.8E-06	WATERS (U.S. EPA, 2001)			1.0E+01	EPI	2.8E+00	EPI	2.4E+01	EPI	1.3E-02	3.6E+00	1.5E+01	1.8E-03	EPI	
Phosphates, Inorganic																											
-Aluminum metaphosphate	13776-88-0	2.6E+02	CRC89						2.8E+00	CRC89													6.2E-03	3.2E+00	7.6E+00	1.0E-03	RAGSE
-Ammonium polyphosphate	68333-79-9	3.1E+02	CRC89																								
-Calcium pyrophosphate	7790-76-3	2.5E+02	CRC89						3.1E+00	CRC89													6.1E-03	2.8E+00	6.7E+00	1.0E-03	RAGSE
-Diammonium phosphate	7783-28-0	1.3E+02	EPI																				4.4E-03	5.8E-01	1.4E+00	1.0E-03	RAGSE
-Dicalcium phosphate	7757-93-9	1.4E+02	EPI																				4.5E-03	6.1E-01	1.5E+00	1.0E-03	RAGSE
-Dimagnesium phosphate	7782-75-4	1.7E+02	CRC89						2.1E+00	CRC89													5.1E-03	1.0E+00	2.4E+00	1.0E-03	RAGSE
-Dipotassium phosphate	7758-11-4	1.7E+02	EPI																				5.1E-03	9.9E-01	2.4E+00	1.0E-03	RAGSE
-Disodium phosphate	7558-79-4	1.4E+02	EPI																				4.6E-03	6.6E-01	1.6E+00	1.0E-03	RAGSE
-Monoaluminum phosphate	13530-50-2	3.2E+02	CRC89																				6.9E-03	6.3E+00	1.5E+01	1.0E-03	RAGSE
-Monoammonium phosphate	77																										

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant	Molecular Weight		Volatility Parameters				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	Vapor Pressure	VP Ref	(g/cm ³)	Density Ref	D _{air} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (mg/L)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow}	log K _{oc} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr/vent)	t (hr)	K _p (cm ² /hr)	K _p Ref	KPREF	
-Aroclor 1242	53469-21-9	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	8.6E-05	EPI	1.4E+00	ATSDR Profile	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	7.8E+04	EPI	6.3E+00	EPI	2.8E-01	EPI	2.8E-01	EPI	3.6E+00	EPI	3.1E+00	4.5E+00	1.9E+01	5.5E-01	EPI	
-Aroclor 1248	12672-29-6	2.9E+02	EPI	1.8E-02	4.4E-04	EPI	4.9E-04	EPI	1.4E+00	HSDB	2.4E-02	6.2E-06	WATERS (U.S. EPA, 2001)	7.7E+04	EPI	6.2E+00	EPI	1.0E-01	EPI	1.0E-01	EPI	3.6E+00	EPI	4.5E+00	1.9E+01	4.8E-01	EPI		
-Aroclor 1254	11097-69-1	3.3E+02	EPI	1.2E-02	2.8E-04	EPI	6.5E-06	EPI	1.5E+00	ATSDR Profile	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	1.3E+05	EPI	6.5E+00	EPI	4.3E-02	EPI	4.3E-02	EPI	5.2E+00	EPI	7.1E+00	3.1E+01	7.5E-01	EPI		
-Aroclor 1260	11096-82-5	4.0E+02	EPI	1.4E-02	3.4E-04	EPI	1.3E-07	EPI	1.6E+00	ATSDR Profile	2.4E-02	5.0E-06	WATERS (U.S. EPA, 2001)	3.5E+05	EPI	7.6E+00	EPI	1.4E-02	EPI	1.4E-02	EPI	5.7E+00	EPI	1.7E+01	7.7E+01	9.3E-01	EPI		
-Aroclor 5480	11726-82-4	2.9E+02	EPI	9.1E-03	2.2E-04	EPI	8.5E-06	EPI	1.6E+00	LookChem	2.3E-02	6.8E-06	WATERS (U.S. EPA, 2001)	8.1E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.2E-02	EPI	3.8E+00	EPI	4.5E+00	2.0E+01	5.3E-01	EPI		
+Hexachlorobiphenyl, 2,3,3',4',4',5'- (PCB 189)	39635-31-9	4.0E+02	EPI	6.6E-03	1.4E-04	EPI	5.5E-07	EPI	1.7E+00	LookChem	2.2E-02	6.7E-06	WATERS (U.S. EPA, 2001)	3.5E+05	EPI	8.3E+00	EPI	7.5E-04	EPI	7.5E-04	EPI	2.3E+01	EPI	1.7E+01	8.0E+01	3.0E+00	EPI		
+Hexachlorobiphenyl, 2,3,3',4',4',5'- (PCB 167)	52963-72-6	3.9E+02	EPI	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)	2.1E+05	EPI	7.5E+00	EPI	2.2E-03	EPI	2.2E-03	EPI	1.0E+01	EPI	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	EPI	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.6E+00	I	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)	2.1E+05	EPI	7.6E+00	EPI	1.6E-03	EPI	1.6E-03	EPI	1.2E+01	EPI	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	EPI	5.8E-03	1.4E-04	EPI	1.6E-06	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)	2.1E+05	EPI	7.6E+00	EPI	5.3E-03	EPI	5.3E-03	EPI	1.2E+01	EPI	1.1E+01	5.0E+01	1.7E+00	EPI		
+Hexachlorobiphenyl, 3,3',4',4',5,5'- (PCB 166)	32774-16-6	3.6E+02	EPI	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)	2.1E+05	EPI	7.4E+00	EPI	5.1E-04	EPI	5.1E-04	EPI	9.1E+00	EPI	1.1E+01	5.0E+01	1.2E+00	EPI		
+Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 123)	6510-44-3	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	1.3E+05	EPI	7.0E+00	EPI	1.6E-02	EPI	1.6E-02	EPI	6.9E+00	EPI	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI	
+Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)	31508-00-6	3.3E+02	EPI	1.2E-02	2.9E-04	EPI	9.0E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	1.3E+05	EPI	7.1E+00	EPI	1.3E-02	EPI	1.3E-02	EPI	8.6E+00	EPI	7.1E+00	3.2E+01	1.2E+00	EPI		
+Pentachlorobiphenyl, 2,3,3',4',4'- (PCB 114)	32598-14-4	3.3E+02	EPI	1.2E-02	2.8E-04	EPI	6.5E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	1.3E+05	EPI	6.8E+00	EPI	3.4E-03	EPI	3.4E-03	EPI	5.2E+00	EPI	7.1E+00	3.1E+01	7.5E-01	EPI		
+Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	1.3E+05	EPI	7.0E+00	EPI	1.6E-02	EPI	1.6E-02	EPI	6.9E+00	EPI	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	1.5E+00	LookChem	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)	1.3E+05	EPI	7.0E+00	EPI	7.3E-03	EPI	7.3E-03	EPI	6.9E+00	EPI	7.1E+00	3.2E+01	1.0E+00	EPI		
+Polychlorinated Biphenyls (high risk)	1336-36-3	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	8.6E-05	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATERS (U.S. EPA, 2001)	7.8E+04	EPI	7.1E+00	EPI	7.0E-01	SSL	7.0E-01	SSL	3.6E+00	EPI	4.5E+00	1.9E+01	5.5E-01	EPI		
+Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	8.6E-05	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATERS (U.S. EPA, 2001)	7.8E+04	EPI	7.1E+00	EPI	7.0E-01	SSL	7.0E-01	SSL	3.6E+00	EPI	4.5E+00	1.9E+01	5.5E-01	EPI		
+Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	8.6E-05	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATERS (U.S. EPA, 2001)	7.8E+04	EPI	7.1E+00	EPI	7.0E-01	SSL	7.0E-01	SSL	3.6E+00	EPI	4.5E+00	1.9E+01	5.5E-01	EPI		
+Tetrachlorobiphenyl, 3,3',4',4'- (PCB 77)	32598-13-3	2.9E+02	EPI	3.8E-04	9.4E-06	EPI	1.6E-05	EPI	1.6E+00	EPI	4.3E-02	5.0E-06	WATERS (U.S. EPA, 2001)	7.8E+04	EPI	6.6E+00	EPI	5.7E-04	EPI	5.7E-04	EPI	6.0E+00	EPI	4.5E+00	2.0E+01	9.2E-01	EPI		
+Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	2.9E+02	EPI	9.1E-03	2.2E-04	EPI	8.5E-06	EPI	1.4E+00	LookChem	2.4E-02	6.3E-06	WATERS (U.S. EPA, 2001)	7.8E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.2E-02	EPI	3.8E+00	EPI	4.5E+00	2.0E+01	5.8E-01	EPI		
+Polymeric Methylenes Diphenyl Diisocyanate (PMDI)	9016-87-9	5.1E+02	EPI	5.4E-10	1.3E-11	EPI	5.4E-13	EPI	1.0E+02	EPI	3.0E-02	3.5E-06	WATERS (U.S. EPA, 2001)	1.0E+10	EPI	1.0E+01	EPI	1.8E-06	EPI	1.8E-06	EPI	3.6E+02	EPI	7.8E+01	3.7E+02	1.9E+01	EPI		
+Polynuclear Aromatic Hydrocarbons (PAHs)																													
-Acenaphthene	83-32-9	1.5E+02	EPI	7.5E-03	1.8E-04	EPI	2.2E-03	EPI	1.2E+00	CRCB9	5.1E-02	8.3E-06	WATERS (U.S. EPA, 2001)	5.0E+03	EPI	3.9E+00	EPI	3.9E+00	EPI	3.9E+00	EPI	4.1E-01	EPI	7.7E-01	1.8E+00	8.6E-02	EPI		
-Anthracene	120-12-7	1.8E+02	EPI	2.3E-03	5.6E-05	EPI	6.5E-06	EPI	1.3E+00	CRCB9	4.3E-02	7.9E-06	WATERS (U.S. EPA, 2001)	1.6E+04	EPI	4.5E+00	EPI	4.3E-02	EPI	4.3E-02	EPI	7.3E-01	EPI	1.0E+00	4.1E+00	1.4E-01	EPI		
-Benzo[a]anthracene	56-55-3	2.3E+02	EPI	4.9E-04	1.2E-05	EPI	2.1E-07	EPI	1.3E+00	PubChem	2.6E-02	6.7E-06	WATERS (U.S. EPA, 2001)	1.8E+05	EPI	5.8E+00	EPI	9.4E-03	EPI	9.4E-03	EPI	3.2E+00	EPI	2.0E+00	8.5E+00	5.5E-01	EPI		
-Benzo[b]fluoranthene	206-82-3	2.5E+02	EPI	3.8E-06	2.0E-07	EPI	2.6E-08	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATERS (U.S. EPA, 2001)	6.0E+05	EPI	6.1E+00	EPI	2.5E-03	EPI	2.5E-03	EPI	4.2E+00	EPI	2.7E+00	1.2E+01	6.9E-01	EPI		
-Benzo[a]pyrene	50-32-8	2.5E+02	EPI	1.9E-05	4.6E-07	EPI	5.5E-09	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATERS (U.S. EPA, 2001)	5.9E+05	EPI	6.1E+00	EPI	1.6E-03	EPI	1.6E-03	EPI	4.4E+00	EPI	2.7E+00	1.2E+01	7.1E-01	EPI		
-Benzo[b]fluoranthene	206-99-2	2.5E+02	EPI	2.7E-05	6.6E-07	EPI	5.0E-07	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATERS (U.S. EPA, 2001)	6.0E+05	EPI	5.8E+00	EPI	1.5E-03	EPI	1.5E-03	EPI	2.5E+00	EPI	2.7E+00	1.1E+01	4.2E-01	EPI		
-Benzo[k]fluoranthene	207-08-9	2.5E+02	EPI	2.4E-05	5.8E-07	EPI	9.7E-10	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATERS (U.S. EPA, 2001)	5.9E+05	EPI	6.1E+00	EPI	8.0E-04	EPI	8.0E-04	EPI	4.2E+00	EPI	2.7E+00	1.2E+01	6.9E-01	EPI		
-Chloronaphthalene, Beta-	91-58-7	1.6E+02	EPI	1.3E-02	3.2E-04	EPI	1.2E-02	EPI	1.1E+00	CRCB9	4.5E-02	7.7E-06	WATERS (U.S. EPA, 2001)	2.5E+03	EPI	3.9E+00	EPI	1.2E+01	EPI	1.2E+01	EPI	3.7E-01	EPI	8.6E-01	2.1E+00	7.5E-02	EPI		
-Chrysene	210-81-9	2.3E+02	EPI	2.1E-04	5.2E-06	EPI	6.2E-09	EPI	1.3E+00	CRCB9	2.6E-02	6.7E-06	WATERS (U.S. EPA, 2001)	1.8E+05	EPI	5.8E+00	EPI	2.0E-03	EPI	2.0E-03	EPI	3.5E+00	EPI	3.0E+00	2.0E+00	8.5E+00	6.0E-01	EPI	
-Dibenz[a,h]anthracene	53-70-3	2.8E+02	EPI	5.8E-06	1.4E-07	EPI	9.6E-10	EPI	4.5E-02	CRCB9	4.5E-02	6.2E-06	WATERS (U.S. EPA, 2001)	1.9E+06	EPI	6.8E+00	EPI	2.5E-03	EPI	2.5E-03	EPI	6.1E+00	EPI	3.0E+00	1.7E+01	9.0E-01	EPI		
-Dibenz[ghi]perylene	192-65-4	3.0E+02	EPI	5.8E-07	1.4E-08	EPI	4.7E-11	EPI	4.2E-02	CRCB9	4.2E-02	4.9E-06	WATERS (U.S. EPA, 2001)	6.5E+06	EPI	7.7E+00	EPI	4.3E-05	EPI	4.3E-05	EPI	2.8E+01	EPI	5.2E+00	2.4E+01	4.2E+00	EPI		
+Dimethylbenz[a]anthracene, 7,12	57-97-6	2.6E+02	EPI	1.5E-04	3.8E-06	EPI	2.5E-07	EPI	4.7E-02	CRCB9	4.7E-02	5.5E-06	WATERS (U.S. EPA, 2001)	4.9E+05	EPI	5.8E+00	EPI	6.1E-02	EPI	6.1E-02	EPI	2.5E+00	EPI	2.9E+00	1.2E+01	4.1E-01	EPI		
-Fluoranthene	206-44-0	2.3E+02	EPI	3.8E-04	8.9E-06	EPI	9.2E-06	EPI	1.3E+00	CRCB9	2.8E-02	7.2E-06	WATERS (U.S. EPA, 2001)	5.5E+04	EPI	5.2E+00	EPI	2.6E-01	EPI	2.6E-01	EPI	1.7E+00	EPI	1.7E+00	1.9E+00	5.7E+00	3.9E-01	EPI	
+Fluorene	86-73-7	1.7E+02	EPI	3.9E-03	9.6E-05	EPI	6.0E-04	EPI	1.2E+00	CRCB9	4.4E-02	7.8E-06	WATERS (U.S. EPA, 2001)	9.2E+03	EPI	4.2E+00	EPI	1.7E+00	EPI	1.7E+00	EPI	5.5E-01	EPI	9.0E-01	2.3E+00	1.1E-01	EPI		
+Indeno[1,2,3-cd]pyrene	193-39-5	2.8E+02	EPI	1.4E-05	3.5E-07																								

Contaminant		Molecular Weight		Volatility Parameters				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	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	D _{ia} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _d (L/kg)	K _d Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr/event)	t (hr)	K _p (cm/hr)	KPREF
Trinitrobenzene, 1,3,5-	99-35-4	2.1E+02	EPI	2.7E-07	6.5E-09	EPI	6.4E-06	EPI	1.5E+00	CRC89	2.9E-02	7.7E-06	WATER9 (U.S. EPA, 2001)	1.7E+03	EPI	1.2E+00	EPI	2.8E+02	EPI	2.8E+02	EPI	3.4E-03	1.6E+00	3.9E+00	6.1E-04	EPI
Trinitrotoluene, 2,4,6-	118-96-7	2.3E+02	EPI	8.5E-07	2.1E-08	EPI	8.0E-06	EPI	1.7E+00	CRC89	3.0E-02	7.9E-06	WATER9 (U.S. EPA, 2001)	2.8E+03	EPI	1.6E+00	EPI	1.2E+02	EPI	1.2E+02	EPI	5.6E-03	2.0E+00	4.7E+00	9.6E-04	EPI
Triphenylphosphine Oxide	791-28-6	2.8E+02	EPI	2.2E-08	5.3E-10	EPI	2.6E-09	EPI	1.2E+00	CRC89	2.3E-02	5.8E-06	WATER9 (U.S. EPA, 2001)	2.0E+03	EPI	2.8E+00	EPI	2.0E+02	EPI	2.0E+02	EPI	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	EPI	1.1E-07	2.6E-09	EPI	2.9E-07	EPI	1.1E+00	CRC89	3.3E-02	3.9E-06	WATER9 (U.S. EPA, 2001)	1.1E+04	EPI	3.7E+00	EPI	7.0E+00	EPI	7.0E+00	EPI	1.3E-02	2.7E+01	6.5E+01	1.5E-03	EPI
Tris(1-chloro-2-propyl)phosphate	13674-94-5	3.3E+02	EPI	2.4E-06	6.0E-08	EPI	5.6E-05	EPI	1.1E+00	CRC89	4.0E-02	4.7E-06	WATER9 (U.S. EPA, 2001)	1.6E+03	EPI	2.6E+00	EPI	1.2E+03	EPI	1.2E+03	EPI	8.4E-03	7.2E+00	1.7E+01	1.2E-03	EPI
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	EPI	8.9E-04	2.2E-05	EPI	1.9E-04	EPI	2.3E+00	PubChem	1.9E-02	4.9E-06	WATER9 (U.S. EPA, 2001)	9.7E+03	EPI	4.3E+00	EPI	8.0E+00	EPI	8.0E+00	EPI	1.4E-03	8.5E+02	2.0E+03	1.4E-04	EPI
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	EPI	1.3E-04	3.3E-06	EPI	6.1E-02	EPI	1.4E+00	CRC89	2.4E-02	6.2E-06	WATER9 (U.S. EPA, 2001)	3.9E+02	EPI	1.4E+00	EPI	7.0E+03	EPI	7.0E+03	EPI	2.3E-03	4.2E+00	1.0E+01	3.6E-04	EPI
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	EPI	3.2E-06	7.9E-08	EPI	8.3E-08	EPI	9.9E-01	CRC89	1.6E-02	3.9E-06	WATER9 (U.S. EPA, 2001)	2.5E+06	EPI	9.5E+00	EPI	6.0E-01	EPI	6.0E-01	EPI	9.3E+01	2.9E+01	1.3E+02	1.2E+01	EPI
Uranium (Soluble Salts)	NA	2.4E+02	CRC89				0.0E+00	NIOSH	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	EPI	2.6E-06	6.4E-08	EPI	2.6E-01	EPI	9.9E-01	CRC89	8.5E-02	1.0E-05	WATER9 (U.S. EPA, 2001)			1.2E+01	EPI	-1.5E-01	EPI	4.8E+06	EPI	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	3.4E+00	CRC89												5.2E-03	1.1E+00	2.6E+00	1.0E-03	RAGSE
Vanadium and Compounds	7440-62-2	5.1E+01	EPI						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	EPI	1.3E-03	3.1E-05	EPI	1.0E-02	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	3.0E+02	EPI	3.8E+00	EPI	9.0E+01	EPI	9.0E+01	EPI	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI
Vinclozolin	50471-44-8	2.9E+02	EPI	7.1E-07	1.7E-08	EPI	1.2E-07	EPI	1.5E+00	CRC89	2.5E-02	6.5E-06	WATER9 (U.S. EPA, 2001)	2.8E+02	EPI	3.1E+00	EPI	2.6E+00	EPI	2.6E+00	EPI	2.9E-02	4.2E+00	1.0E+01	4.5E-03	EPI
Vinyl Acetate	108-05-4	8.6E+01	EPI	2.1E-02	5.1E-04	EPI	9.0E+01	EPI	9.3E-01	CRC89	8.5E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	5.6E+00	EPI	7.3E-01	EPI	2.0E+04	EPI	2.0E+04	EPI	5.6E-03	3.2E-01	7.7E-01	1.6E-03	EPI
Vinyl Bromide	593-60-2	1.1E+02	EPI	5.0E-01	1.2E-02	EPI	1.0E+03	EPI	1.5E+00	CRC89	8.6E-02	1.2E-05	WATER9 (U.S. EPA, 2001)	2.2E+01	EPI	1.6E+00	EPI	1.0E+04	EPI	1.0E+04	EPI	1.7E-02	4.2E-01	1.0E+00	4.4E-03	EPI
Vinyl Chloride	75-01-4	6.3E+01	EPI	1.1E+00	2.8E-02	EPI	3.0E+03	EPI	9.1E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	2.2E+01	EPI	1.6E+00	YAWIS	8.8E+03	EPI	8.8E+03	EPI	2.5E-02	2.4E-01	5.7E-01	8.4E-03	EPI
Warfarin	81-81-2	3.1E+02	EPI	1.1E-07	2.8E-09	EPI	1.2E-07	EPI	9.3E-01	CRC89	4.2E-02	4.9E-06	WATER9 (U.S. EPA, 2001)	4.3E+02	EPI	2.7E+00	EPI	1.7E+01	EPI	1.7E+01	EPI	1.2E-02	5.6E+00	1.3E+01	1.8E-03	EPI
Xylene, P-	106-42-3	1.1E+02	EPI	2.8E-01	6.9E-03	EPI	8.8E+00	EPI	8.6E-01	CRC89	6.8E-02	8.4E-06	WATER9 (U.S. EPA, 2001)	3.8E+02	EPI	3.2E+00	EPI	1.6E+02	EPI	1.6E+02	EPI	2.0E-01	4.1E-01	9.9E-01	4.9E-02	EPI
Xylene, m-	108-39-3	1.1E+02	EPI	2.9E-01	7.2E-03	EPI	8.3E+00	EPI	8.6E-01	CRC89	6.8E-02	8.4E-06	WATER9 (U.S. EPA, 2001)	3.8E+02	EPI	3.2E+00	EPI	1.6E+02	EPI	1.6E+02	EPI	2.1E-01	4.1E-01	9.9E-01	5.3E-02	EPI
Xylene, o-	95-47-6	1.1E+02	EPI	2.1E-01	5.2E-03	EPI	6.6E+00	EPI	8.8E-01	CRC89	6.9E-02	8.5E-06	WATER9 (U.S. EPA, 2001)	3.8E+02	EPI	3.1E+00	EPI	1.8E+02	EPI	1.8E+02	EPI	1.9E-01	4.1E-01	9.9E-01	4.7E-02	EPI
Xylenes	1330-20-7	1.1E+02	EPI	1.1E+02	5.2E-03	EPI	8.0E+00	EPI	8.6E-01	ATSDR Profile	6.9E-02	8.5E-06	WATER9 (U.S. EPA, 2001)	3.8E+02	EPI	3.2E+00	EPI	1.1E+02	EPI	1.1E+02	EPI	2.0E-01	4.1E-01	9.9E-01	5.0E-02	EPI
Zinc Phosphide	1314-84-7	2.6E+02	CRC89						4.6E+00	CRC89												3.7E-03	2.9E+00	7.0E+00	6.0E-04	RAGSE
Zinc and Compound	7440-66-6	6.5E+01	PERRY						7.1E+00	CRC89				6.2E+01	SSL							1.9E-03	2.4E-01	5.9E-01	6.0E-04	RAGSE
Znab	12122-67-7	2.8E+02	EPI	6.5E-09	1.6E-10	EPI	5.7E-09	EPI	6.5E+00	CRC89	4.5E-02	5.2E-06	WATER9 (U.S. EPA, 2001)			1.3E+03	EPI	1.3E+00	EPI	1.0E+01	EPI	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	6.5E+00	CRC89				3.0E+03	BAES							3.7E-03	3.4E-01	8.2E-01	1.0E-03	RAGSE