TABLE 4. TOXICOLOGICAL AND CHEMICAL-PHYSICAL DATA
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Acenaphthene	83329	1.80E-01	NA	2.10E+02	NA	NA	0.2	1	0.1	1	3.92	7,140
Acenaphthylene	208968	7.10E-03	NA	3.50E+01	NA	NA	0.2	1	0.1	1	3.6	3,460
Acetaldehyde (I)	75070	1.30E-01	NA	9.00E+00	2.20E-06	4.50E+04	0.2	1	0.1	1	-0.367	0.613
Acetate	71501	5.70E-01	NA	NA	NA	NA	0.2	NA	NA	NA	NA	NA
Acetic acid	64197	5.70E-01	NA	2.50E+02	NA	3.70E+04	0.2	1	0.1	1	-0.23	0.595
Acetone (I)	67641	1.00E-01	NA	5.90E+03	NA	1.70E+06	0.2	1	0.1	1	-0.24	0.581
Acetonitrile	75058	1.90E-02	NA	6.00E+01	NA	1.01E+05	0.2	1	0.1	1	-0.337	0.648
Acetophenone	98862	2.10E-01	NA	4.90E+02	NA	NA	0.2	1	0.1	1	1.6	37.4
Acrolein (I)	107028	1.60E-02	NA	2.00E-02	NA	6.90E+02	0.2	1	0.1	1	-0.01	1.18
Acrylamide	79061	2.00E-04	2.80E+00	6	1.30E-03	NA	0.2	1	0.1	1	-0.96	0.114
Acrylic acid	79107	5.30E-01	NA	1.00E+00	NA	NA	0.2	1	0.1	1	0.35	2.21
Acrylonitrile (I)	107131	NA	3.30E-01	2.00E+00	6.80E-05	NA	0.2	1	0.1	1	0.255	1.78
Alachlor	15972608	1.00E-02	9.60E-02	NA	NA	NA	0.2	0.5	0.1	1	3.52	734
Aldicarb	116063	1.00E-03	NA	NA	NA	NA	0.2	1	0.1	1	1.1	12.1
Aldicarb sulfone	1646884	1.10E-03	NA	NA	NA	NA	0.2	1	0.1	1	-0.57	0.275
Aldicarb sulfoxide	1646873	1.30E-03	NA	NA	NA	NA	0.2	1	0.1	1	-0.67	0.22
Aldrin	309002	2.50E-05	8.70E+00	NA	4.90E-03	NA	0.2	0.5	0.1	1	6.5	2.45E+06
Aluminum (B)	7429905	3.30E-01	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Ammonia	7664417	NA	NA	1.00E+02	NA	2.40E+04	0.2	1	0.1	1	NA	NA
t-Amyl methyl ether (TAME)	994058	1.30E-01	NA	6.20E+01	NA	NA	0.2	1	0.1	1	1.73	28.1
Aniline	62533	NA	1.60E-02	1.00E+00	1.60E-06	NA	0.2	1	0.1	1	0.978	9.15
Anthracene	120127	1.00E+00	NA	1.00E+03	NA	NA	0.2	1	0.1	1	4.55	29,700
Antimony	7440360	3.50E-04	NA	2.00E-01	NA	NA	0.2	0.5	0.01	1	NR	NR
Arsenic	7440382	2.70E-04	1.50E+00	NA	4.30E-03	NA	0.2	0.5	0.03	1	NR	NR
Asbestos (BB)	1332214	NA	NA	NA	4.60E-02	NA	1	1	0	1	NR	NR
Atrazine	1912249	3.50E-02	7.40E-02	NA	NA	NA	0.2	1	0.1	1	2.7	451
Azobenzene	103333	NA	3.70E-02	NA	3.10E-05	NA	0.2	1	0.1	1	3.82	5,690
Barium (B)	7440393	7.00E-02	NA	5.00E+00	NA	NA	1	0.5	0.01	1	NR	NR

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Acenaphthene	83329	NR	NR	1.55E-04	0.0421	7.69E-06	NA	NA	4,240	Solid	154.2
Acenaphthylene	208968	NR	NR	1.48E-03	0.08	8.00E-06	NA	NA	3,930	Solid	152.271
Acetaldehyde (I)	75070	NR	NR	7.95E-05	0.08	8.00E-06	0.04	-36	1.00E+09	Liquid	44.1
Acetate	71501	NA	NA	NA	NA	NA	NA	NA	ID	NA	NA
Acetic acid	64197	NR	NR	1.00E-07	0.08	8.00E-06	0.04	103	6.00E+09	Liquid	60.05
Acetone (I)	67641	NR	NR	3.88E-05	0.124	1.14E-05	0.025	0	1.00E+09	Liquid	58.08
Acetonitrile	75058	NR	NR	2.40E-05	0.13	1.70E-05	0.03	42	2.00E+08	Liquid	41.05
Acetophenone	98862	NR	NR	1.10E-05	0.08	8.00E-06	NA	NA	6.10E+06	Liquid	120.2
Acrolein (I)	107028	NR	NR	9.40E-05	0.11	1.20E-05	0.028	-15	2.10E+08	Liquid	56.06
Acrylamide	79061	NR	NR	3.22E-10	0.097	1.10E-04	NA	280	2.20E+09	Solid	71.08
Acrylic acid	79107	NR	NR	3.20E-07	0.08	8.00E-06	0.024	121	1.00E+09	Liquid	72.06
Acrylonitrile (I)	107131	NR	NR	1.00E-04	0.12	1.30E-05	0.03	30	7.50E+07	Liquid	53.06
Alachlor	15972608	NR	NR	8.32E-09	0.08	8.00E-06	NA	NA	1.83E+05	Solid	269.77
Aldicarb	116063	NR	NR	4.17E-09	0.08	8.00E-06	NA	NA	6.00E+06	Solid	190.25
Aldicarb sulfone	1646884	NR	NR	3.37E-09	0.08	8.00E-06	NA	NA	7.80E+06	Solid	222.27
Aldicarb sulfoxide	1646873	NR	NR	9.69E-10	0.08	8.00E-06	NA	NA	2.80E+07	Solid	206.27
Aldrin	309002	NR	NR	1.70E-04	0.0132	4.86E-06	NA	NA	180	Solid	364.9
Aluminum (B)	7429905	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	26.982
Ammonia	7664417	NR	NR	3.20E-04	0.08	8.00E-06	0.15	NA	5.30E+08	Liquid	17.04
t-Amyl methyl ether (TAME)	994058	NR	NR	2.68E-03	0.08	8.00E-06	NA	NA	2.64E+06	Liquid	102.18
Aniline	62533	NR	NR	2.30E-06	0.07	8.30E-06	0.013	158	3.60E+07	Liquid	93.13
Anthracene	120127	NR	NR	6.50E-05	0.0324	7.74E-06	NA	NA	43.4	Solid	178.24
Antimony	7440360	NR	45	NR	NR	NR	NA	NA	NA	Inorganic	121.76
Arsenic	7440382	NR	29	NR	NR	NR	NA	NA	NA	Inorganic	74.922
Asbestos (BB)	1332214	NR	NA	NR	NR	NR	NR	NR	NA	Inorganic	NA
Atrazine	1912249	NR	NR	2.63E-09	0.08	8.00E-06	NA	NA	70,000	Solid	215.72
Azobenzene	103333	NR	NR	1.35E-05	0.08	8.00E-06	NA	NA	6,400	Solid	182.23
Barium (B)	7440393	NR	41	NR	NR	NR	NA	NA	NA	Inorganic	137.327

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Benzene (I)	71432	NA	2.90E-02	30	8.30E-06	8.00E+03	0.2	1	0.1	1	2.13	58.2
Benzidine	92875	2.70E-03	2.30E+02	NA	6.70E-02	NA	0.2	1	0.1	1	1.66	42.9
Benzo(a)anthracene (Q)	56553	NA	4.10E-01	NA	NA	NA	0.2	0.5	0.13	1	5.7	4.01E+05
Benzo(b)fluoranthene (Q)	205992	NA	4.10E-01	NA	NA	NA	0.2	0.5	0.13	1	6.2	1.24E+06
Benzo(k)fluoranthene (Q)	207089	NA	4.10E-02	NA	NA	NA	0.2	0.5	0.13	1	6.2	1.24E+06
Benzo(g,h,i)perylene	191242	7.10E-03	NA	1.20E+01	NA	NA	0.2	0.5	0.13	1	6.7	3.86E+06
Benzo(a)pyrene (Q)	50328	NA	4.10E+00	NA	2.10E-03	NA	0.2	0.5	0.13	1	6.11	1.01E+06
Benzoic acid	65850	4.40E+00	NA	NA	NA	NA	0.2	1	0.1	1	1.86	0.6
Benzyl alcohol	100516	1.40E+00	NA	5.00E+03	NA	NA	0.2	1	0.1	1	1.11	12.3
Benzyl chloride	100447	NA	1.10E-01	NA	5.00E-05	NA	0.2	1	0.1	1	2.3	182
Beryllium	7440417	1.50E-03	NA	2.00E-02	2.40E-03	1.00E+01	0.2	1	0	1	NR	NR
bis(2-Chloroethoxy)ethane	112265	NA	NA	NA	NA	NA	0.2	1	0.1	1	1.28	18.1
bis(2-Chloroethyl)ether (I)	111444	NA	4.20E-01	NA	3.30E-04	5.80E+04	0.2	1	0.1	1	1.21	10.9
bis(2-Ethylhexyl)phthalate	117817	1.90E-02	3.20E-03	NA	4.43E-06	1.00E+04	0.2	0.5	0.1	1	7.3	1.50E+07
Boron (B)	7440428	3.20E-01	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Bromate	15541454	4.00E-03	7.00E-01	NA	NA	NA	0.2	0.5	0.01	1	0.63	NR
Bromobenzene (I)	108861	2.40E-03	NA	8.00E+00	NA	NA	0.2	1	0.1	1	2.99	870
Bromodichloromethane	75274	1.80E-02	5.00E-02	NA	3.70E-05	NA	0.2	1	0.1	1	2.1	55.1
Bromoform	75252	1.80E-02	6.40E-03	NA	1.10E-06	NA	0.2	1	0.1	1	2.35	87
Bromomethane	74839	1.40E-03	NA	5.00E+00	NA	NA	0.2	1	0.1	1	1.18	14.5
n-Butanol (I)	71363	1.30E-01	NA	3.50E+02	NA	1.52E+05	0.2	1	0.1	1	0.851	5.65
2-Butanone (MEK) (I)	78933	1.80E+00	NA	1.00E+03	NA	8.85E+05	0.2	1	0.1	1	0.279	1.99
n-Butyl acetate	123864	7.60E-02	NA	7.10E+03	NA	9.50E+05	0.2	1	0.1	1	1.78	30.8
t-Butyl alcohol	75650	5.40E-01	NA	1.89E+03	NA	NA	0.2	1	0.1	1	0.35	2.27
Butyl benzyl phthalate	85687	1.60E-01	NA	7.00E+02	NA	NA	0.2	1	0.1	1	4.84	57,300
n-Butylbenzene	104518	1.10E-02	NA	30	NA	NA	0.2	1	0.1	1	4.38	20,200
sec-Butylbenzene	135988	1.10E-02	NA	6.00E+00	NA	NA	0.2	1	0.1	1	4.57	31,100
t-Butylbenzene (I)	98066	1.10E-02	NA	10	NA	NA	0.2	1	0.1	1	4.11	11,000

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			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Benzene (I)	71432	NR	NR	5.55E-03	0.088	9.80E-06	0.012	12	1.75E+06	Liquid	78.11
Benzidine	92875	NR	NR	3.90E-11	0.08	1.50E-05	NA	NA	5.20E+05	Solid	184.24
Benzo(a)anthracene (Q)	56553	NR	NR	3.35E-06	0.051	9.00E-06	NA	NA	9.4	Solid	228.3
Benzo(b)fluoranthene (Q)	205992	NR	NR	1.11E-04	0.0226	5.56E-06	NA	NA	1.5	Solid	252.32
Benzo(k)fluoranthene (Q)	207089	NR	NR	8.29E-07	0.0226	5.56E-06	NA	NA	0.8	Solid	252.32
Benzo(g,h,i)perylene	191242	NR	NR	5.34E-08	0.08	8.00E-06	NA	NA	0.26	Solid	276.34
Benzo(a)pyrene (Q)	50328	NR	NR	1.13E-06	0.043	9.00E-06	NA	NA	1.62	Solid	252.32
Benzoic acid	65850	0.6	NR	1.54E-06	0.0536	7.97E-06	NA	NA	3.50E+06	Solid	122.1
Benzyl alcohol	100516	NR	NR	3.90E-07	0.08	8.00E-06	NA	NA	4.40E+07	Liquid	108.13
Benzyl chloride	100447	NR	NR	4.00E-04	0.075	7.80E-06	0.011	153	4.90E+05	Liquid	126.58
Beryllium	7440417	NR	790	NR	NR	NR	NA	NA	NA	Inorganic	9.012
bis(2-Chloroethoxy)ethane	112265	NR	NR	7.81E-07	0.08	8.00E-06	NA	NA	1.89E+07	Liquid	187.07
bis(2-Chloroethyl)ether (I)	111444	NR	NR	1.80E-05	0.0692	7.53E-06	0.027	131	1.72E+07	Liquid	143.01
bis(2-Ethylhexyl)phthalate	117817	NR	NR	1.02E-07	0.0351	3.66E-06	NA	420	340	Liquid	390.57
Boron (B)	7440428	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	10.811
Bromate	15541454	NR	NA	1.00E+00	NR	NR	NA	NA	38,000	Solid	79.9
Bromobenzene (I)	108861	NR	NR	4.74E-04	0.08	8.00E-06	NA	NA	4.13E+05	Liquid	157.015
Bromodichloromethane	75274	NR	NR	1.60E-03	0.0298	1.06E-05	NA	NA	6.74E+06	Liquid	163.8
Bromoform	75252	NR	NR	5.35E-04	0.0149	1.03E-05	NA	NA	3.10E+06	Liquid	252.8
Bromomethane	74839	NR	NR	1.42E-02	0.08	8.00E-06	0.1	NA	1.45E+07	Liquid	94.94
n-Butanol (I)	71363	NR	NR	8.81E-06	0.08	9.60E-06	0.014	84	7.40E+07	Liquid	74.14
2-Butanone (MEK) (I)	78933	NR	NR	3.60E-05	0.081	9.80E-06	NA	16	2.40E+08	Liquid	72.1
n-Butyl acetate	123864	NR	NR	3.20E-04	0.08	8.00E-06	0.017	72	6.70E+06	Liquid	116.16
t-Butyl alcohol	75650	NR	NR	1.17E-05	0.08	8.00E-06	0.024	52	1.00E+09	Liquid	74.12
Butyl benzyl phthalate	85687	NR	NR	1.26E-06	0.0174	4.83E-06	NA	NA	2,690	Liquid	312.37
n-Butylbenzene	104518	NR	NR	NA	0.08	8.00E-06	NA	NA	NA	Liquid	134.22
sec-Butylbenzene	135988	NR	NR	NA	0.08	8.00E-06	NA	NA	NA	Liquid	134.22
t-Butylbenzene (I)	98066	NR	NR	NA	0.08	8.00E-06	NA	NA	NA	Liquid	134.22

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		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Cadmium (B)	7440439	1.00E-03	NA	NA	1.80E-03	NA	0.2	0.5	0.001	1	NR	NR
Camphene (I)	79925	NA	NA	80	NA	NA	0.2	1	0.1	1	3.53	2,950
Caprolactam	105602	8.00E-01	NA	1.00E+01	NA	4.60E+04	0.2	1	0.1	1	-0.19	0.65
Carbaryl	63252	9.60E-02	NA	NA	NA	NA	0.2	1	0.1	1	2.4	229
Carbazole	86748	NA	1.00E-02	NA	5.00E-05	NA	0.2	1	0.1	1	3.59	3,380
Carbofuran	1563662	5.00E-03	NA	NA	NA	NA	0.2	1	0.1	1	1.6	37.4
Carbon disulfide (I,R)	75150	1.10E-01	NA	7.00E+02	NA	NA	0.2	1	0.1	1	2	45.9
Carbon tetrachloride	56235	7.10E-04	5.50E-02	100	2.36E-05	6.30E+04	0.2	1	0.1	1	2.73	174
Chlordane (J)	57749	1.50E-03	3.50E-01	7.00E-01	1.00E-04	NA	0.2	0.5	0.04	1	6.32	1.21E+05
Chloride	16887006	NA	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Chlorobenzene (I)	108907	1.90E-02	NA	7.00E+01	NA	NA	0.2	1	0.1	1	2.86	220
p-Chlorobenzene sulfonic acid	98668	1.00E+00	NA	NA	NA	NA	0.2	1	0.1	1	-0.52	4.64E-01
1-Chloro-1,1-difluoroethane	75683	2.10E+00	NA	5.00E+04	NA	NA	0.2	1	0.1	1	1.81	32.5
Chloroethane	75003	1.80E+01	2.00E-03	1.00E+04	NA	NA	0.2	1	0.1	1	1.4	23.8
2-Chloroethyl vinyl ether	110758	NA	NA	NA	NA	NA	0.2	1	0.1	1	1.07	8.43
Chloroform	67663	1.30E-02	4.40E-03	NA	2.40E-06	NA	0.2	1	0.1	1	1.92	39.7
Chloromethane (I)	74873	NA	3.30E-03	9.00E+01	6.39E-07	2.07E+05	0.2	1	0.1	1	0.91	6.3
4-Chloro-3-methylphenol	59507	2.00E-02	NA	NA	NA	NA	0.2	1	0.1	1	3.1	1,120
beta-Chloronaphthalene	91587	2.50E-01	NA	NA	NA	NA	0.2	1	0.1	1	4.1	10,700
2-Chlorophenol	95578	6.20E-03	NA	1.80E+01	NA	NA	0.2	1	0.1	1	2.15	388
o-Chlorotoluene (I)	95498	2.00E-02	NA	7.00E+01	NA	NA	0.2	1	0.1	1	3.42	612
Chlorpyrifos	2921882	3.00E-02	NA	2.00E+00	NA	NA	0.2	0.5	0.1	1	5.3	18,900
Chromium (III) (B,H)	16065831	1.50E+00	NA	5.00E+00	NA	NA	0.7	0.5	0.01	1	NR	NR
Chromium (VI)	18540299	4.80E-03	NA	8.00E-03	1.20E-02	NA	0.7	0.5	0.01	1	NR	NR
Chrysene (Q)	218019	NA	4.10E-03	NA	NA	NA	0.2	0.5	0.13	1	5.7	4.01E+05
Cobalt	7440484	5.00E-03	NA	2.00E-01	NA	NA	0.2	0.5	0.01	1	NR	NR
Copper (B)	7440508	3.80E-02	NA	2.00E+00	NA	NA	1	0.5	0.01	1	NR	NR
Cyanazine	21725462	3.00E-03	3.70E-01	NA	NA	NA	0.2	1	0.1	1	2.2	146

TABLE 4. TOXICOLOGICAL AND CHEMICAL-PHYSICAL DATA
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Cadmium (B)	7440439	NR	75	NR	NR	NR	NA	NA	NA	Inorganic	112.411
Camphene (I)	79925	NR	NR	2.05E+00	0.08	8.00E-06	NA	NA	33,400	Solid	136.26
Caprolactam	105602	NR	NR	2.53E-08	0.08	8.00E-06	0.014	282	5.25E+09	Solid	113.2
Carbaryl	63252	NR	NR	6.80E-04	0.08	8.00E-06	NA	NA	1.26E+05	Solid	201.24
Carbazole	86748	NR	NR	1.53E-08	0.039	7.03E-06	NA	NA	7,480	Solid	167.21
Carbofuran	1563662	NR	NR	3.90E-10	0.08	8.00E-06	NA	NA	7.00E+05	Solid	221.3
Carbon disulfide (I,R)	75150	NR	NR	3.03E-02	0.104	1.00E-05	0.013	-22	1.19E+06	Liquid	76.14
Carbon tetrachloride	56235	NR	NR	3.04E-02	0.078	8.80E-06	NA	NA	7.93E+05	Liquid	153.92
Chlordane (J)	57749	NR	NR	4.86E-05	0.0118	4.37E-06	NA	NA	56	Solid	409.8
Chloride	16887006	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	35.453
Chlorobenzene (I)	108907	NR	NR	3.70E-03	0.073	8.70E-06	0.013	82	4.72E+05	Liquid	112.56
p-Chlorobenzene sulfonic acid	98668	NR	NR	NA	NA	NA	NA	226	NA	Solid	192.62
1-Chloro-1,1-difluoroethane	75683	NR	NR	6.16E-02	0.08	8.00E-06	0.06	NA	3.90E+06	Gas	100.5
Chloroethane	75003	NR	NR	8.80E-03	0.08	8.00E-06	0.038	-58	5.74E+06	Liquid	64.52
2-Chloroethyl vinyl ether	110758	NR	NR	6.25E-04	0.08	8.00E-06	NA	NA	1.50E+07	Liquid	106.55
Chloroform	67663	NR	NR	3.67E-03	0.104	1.00E-05	NA	NA	7.92E+06	Liquid	119.38
Chloromethane (I)	74873	NR	NR	4.52E-02	0.13	6.50E-06	0.081	-60.8	6.34E+06	Liquid	50.49
4-Chloro-3-methylphenol	59507	NR	NR	4.00E-07	0.08	8.00E-06	NA	NA	3.90E+06	Solid	142.6
beta-Chloronaphthalene	91587	NR	NR	3.10E-04	0.08	8.00E-06	NA	NA	6,740	Solid	162.62
2-Chlorophenol	95578	388	NR	3.91E-04	0.0501	9.46E-06	NA	NA	2.20E+07	Liquid	128.56
o-Chlorotoluene (I)	95498	NR	NR	3.57E-03	0.08	8.00E-06	NA	96	3.73E+05	Liquid	126.58
Chlorpyrifos	2921882	NR	NR	7.80E+00	0.08	8.00E-06	NA	NA	1,120	Solid	350.59
Chromium (III) (B,H)	16065831	NR	1.80E+06	NR	NR	NR	NA	NA	NA	Inorganic	51.996
Chromium (VI)	18540299	NR	19	NR	NR	NR	NA	NA	NA	Inorganic	51.996
Chrysene (Q)	218019	NR	NR	9.46E-05	0.0248	6.21E-06	NA	NA	1.6	Solid	228.3
Cobalt	7440484	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	58.933
Copper (B)	7440508	NR	360	NR	NR	NR	NA	NA	NA	Inorganic	63.546
Cyanazine	21725462	NR	NR	1.00E-10	0.08	8.00E-06	NA	NA	1.70E+05	Solid	241

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Cyanide (P,R)	57125	5.40E-03	NA	5.00E+01	NA	NA	0.2	1	0	1	NA	NA
Cyclohexanone	108941	4.50E+00	NA	1.00E+03	NA	NA	0.2	1	0.1	1	0.81	6.26
Dacthal	1861321	1.00E-02	NA	NA	NA	NA	0.2	1	0.1	1	4.4	21,200
Dalapon	75990	8.50E-02	NA	NA	NA	NA	0.2	1	0.1	1	0.77	5.72
4-4'-DDD	72548	3.00E-03	9.40E-02	NA	7.00E-05	NA	0.2	0.5	0.1	1	6.1	81,100
4-4'-DDE	72559	7.00E-04	2.00E-01	NA	9.70E-05	NA	0.2	0.5	0.1	1	6.76	2.70E+05
4-4'-DDT	50293	5.00E-04	2.00E-01	NA	9.70E-05	NA	0.2	0.5	0.03	1	6.53	1.78E+05
Decabromodiphenyl ether	1163195	1.00E-02	NA	3.50E+01	4.00E-07	NA	0.2	0.5	0.1	1	5.24	1.42E+05
Di-n-butyl phthalate	84742	1.20E-01	NA	5.00E+01	NA	NA	0.2	1	0.1	1	4.61	34,000
Di(2-ethylhexyl) adipate	103231	1.70E+00	5.90E-04	NA	3.40E-07	NA	0.2	0.5	0.1	1	6.11	1.01E+06
Di-n-octyl phthalate	117840	1.80E-02	NA	4.70E+02	NA	NA	0.2	0.5	0.1	1	7.51	2.41E+07
Diacetone alcohol (I)	123422	NA	NA	2.40E+03	NA	NA	0.2	1	0.1	1	-0.34	0.464
Diazinon	333415	1.80E-04	NA	NA	NA	NA	0.2	1	0.1	1	3.4	2,200
Dibenzo(a,h)anthracene (Q)	53703	NA	4.10E+00	NA	NA	NA	0.2	0.5	0.13	1	6.69	3.77E+06
Dibenzofuran	132649	NA	NA	1.00E-01	NA	NA	0.2	1	0.1	1	4.2	13,500
Dibromochloromethane	124481	2.10E-02	4.90E-02	NA	2.45E-05	NA	0.2	1	0.1	1	2.17	62.6
Dibromochloropropane	96128	NA	1.20E+00	2.00E-01	5.60E-03	NA	0.2	1	0.1	1	2.68	431
Dibromomethane	74953	1.10E-02	NA	NA	NA	NA	0.2	1	0.1	1	1.62	39.2
Dicamba	1918009	3.00E-02	NA	NA	NA	NA	0.2	0.5	0.1	1	2.4	95.3
1,2-Dichlorobenzene	95501	8.60E-02	NA	1.50E+03	NA	3.01E+05	0.2	1	0.1	1	3.43	623
1,3-Dichlorobenzene	541731	9.00E-04	NA	3.00E+00	NA	NA	0.2	1	0.1	1	3.5	708
1,4-Dichlorobenzene	106467	NA	1.30E-02	8.00E+02	6.90E-06	NA	0.2	1	0.1	1	3.42	612
3,3'-Dichlorobenzidine	91941	NA	8.00E-01	NA	4.80E-04	NA	0.2	1	0.1	1	3.51	721
Dichlorodifluoromethane	75718	2.30E-01	NA	4.95E+04	NA	NA	0.2	1	0.1	1	2.15	60.4
1,1-Dichloroethane	75343	1.20E-01	NA	5.00E+02	NA	NA	0.2	1	0.1	1	1.79	31.3
1,2-Dichloroethane (I)	107062	NA	5.80E-02	NA	2.60E-05	NA	0.2	1	0.1	1	1.47	17.5
1,1-Dichloroethylene (I)	75354	9.00E-04	NA	2.00E+02	5.00E-05	7.90E+04	0.2	1	0.1	1	2.13	58.2
cis-1,2-Dichloroethylene	156592	1.10E-02	NA	3.40E+01	NA	NA	0.2	1	0.1	1	1.86	35.6

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Cyanide (P,R)	57125	NR	NR	NR	0.08	8.00E-06	NA	NA	NA	Inorganic	26.02
Cyclohexanone	108941	NR	NR	7.80E+00	0.08	8.00E-06	NA	146	2.30E+07	Liquid	98.14
Dacthal	1861321	NR	NR	2.18E-06	0.08	8.00E-06	NA	NA	500	Solid	331
Dalapon	75990	NR	NR	6.43E-08	0.08	8.00E-06	NA	NA	5.02E+08	Liquid	142.97
4-4'-DDD	72548	NR	NR	4.00E-06	0.0169	4.76E-06	NA	NA	90	Solid	320.05
4-4'-DDE	72559	NR	NR	2.10E-05	0.0144	5.87E-06	NA	NA	120	Solid	518.03
4-4'-DDT	50293	NR	NR	8.10E-06	0.0137	4.95E-06	NA	162	25	Solid	354.49
Decabromodiphenyl ether	1163195	NR	NR	4.02E-05	0.08	8.00E-06	NA	NA	30	Solid	959.22
Di-n-butyl phthalate	84742	NR	NR	9.38E-10	0.0438	7.86E-06	NA	315	11,200	Liquid	278.34
Di(2-ethylhexyl) adipate	103231	NR	NR	4.34E-07	0.08	8.00E-06	NA	NA	471	Liquid	370
Di-n-octyl phthalate	117840	NR	NR	7.66E-07	0.0151	3.58E-06	NA	NA	3,000	Liquid	390.62
Diacetone alcohol (I)	123422	NR	NR	2.61E-07	0.08	8.00E-06	0.018	125	1.00E+09	Liquid	116.2
Diazinon	333415	NR	NR	1.13E-07	0.08	8.00E-06	NA	180	68,800	Liquid	304.3
Dibenzo(a,h)anthracene (Q)	53703	NR	NR	1.47E-08	0.0202	5.18E-06	NA	NA	2.49	Solid	278.36
Dibenzofuran	132649	NR	NR	1.30E-05	0.08	8.00E-06	NA	NA	10,000	Solid	168.21
Dibromochloromethane	124481	NR	NR	7.83E-04	0.0229	1.05E-05	NA	NA	2.60E+06	Liquid	208.29
Dibromochloropropane	96128	NR	NR	1.90E-04	0.08	8.00E-06	NA	170	1,230	Liquid	236.34
Dibromomethane	74953	NR	NR	9.00E-04	0.08	8.60E-06	NA	NA	1.10E+07	Liquid	173.85
Dicamba	1918009	NR	NR	7.90E-09	0.08	8.00E-06	NA	NA	4.50E+06	Solid	221.04
1,2-Dichlorobenzene	95501	NR	NR	1.90E-03	0.069	7.90E-06	0.022	151	1.56E+05	Liquid	147.01
1,3-Dichlorobenzene	541731	NR	NR	1.80E-03	0.08	8.00E-06	NA	NA	1.11E+05	Liquid	147.01
1,4-Dichlorobenzene	106467	NR	NR	2.43E-03	0.069	7.90E-06	0.025	150	73,800	Solid	147
3,3'-Dichlorobenzidine	91941	NR	NR	4.00E-09	0.0194	6.74E-06	NA	NA	3,110	Solid	253.1
Dichlorodifluoromethane	75718	NR	NR	2.60E+00	0.08	8.00E-06	NA	NA	3.00E+05	Liquid	120.91
1,1-Dichloroethane	75343	NR	NR	5.62E-03	0.0742	1.05E-05	0.054	2	5.06E+06	Liquid	98.96
1,2-Dichloroethane (I)	107062	NR	NR	9.79E-04	0.104	9.90E-06	0.062	56	8.52E+06	Liquid	98.97
1,1-Dichloroethylene (I)	75354	NR	NR	2.61E-02	0.09	1.04E-05	0.065	-2	2.25E+06	Liquid	96.94
cis-1,2-Dichloroethylene	156592	NR	NR	4.08E-03	0.0736	1.13E-05	0.056	36	3.50E+06	Liquid	96.94

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
trans-1,2-Dichloroethylene	156605	1.70E-02	NA	7.00E+01	NA	NA	0.2	1	0.1	1	2.07	52.2
2,6-Dichloro-4-nitroaniline	99309	3.00E-01	NA	NA	NA	NA	0.2	1	0.1	1	2.76	517
2,4-Dichlorophenol	120832	1.00E-02	NA	7.70E+01	NA	NA	0.2	1	0.1	1	3.08	147
2,4-Dichlorophenoxyacetic acid	94757	1.00E-02	NA	1.00E+02	NA	NA	0.2	1	0.05	1	2.7	451
1,2-Dichloropropane (I)	78875	4.40E-01	3.70E-02	4.00E+00	NA	5.08E+05	0.2	1	0.1	1	1.97	43.5
1,3-Dichloropropene	542756	3.40E-02	1.00E-01	2.00E+01	4.00E-06	NA	0.2	1	0.1	1	2	45.9
Dichlorovos	62737	4.00E-04	5.20E-01	5.00E-01	NA	NA	0.2	1	0.1	1	1.4	15.4
Dicyclohexyl phthalate	84617	NA	NA	NA	NA	NA	0.2	0.5	0.1	1	6.2	1.24E+06
Dieldrin	60571	7.60E-05	8.00E+00	NA	4.60E-03	NA	0.2	0.5	0.1	1	5.37	21,400
Diethyl ether	60297	5.00E-01	NA	1.20E+04	NA	1.52E+06	0.2	1	0.1	1	0.83	6.55
Diethyl phthalate	84662	7.50E-01	NA	5.00E+01	NA	NA	0.2	1	0.1	1	2.5	287
Diethylene glycol monobutyl ether	112345	1.20E-02	NA	2.00E+01	NA	NA	0.2	1	0.1	1	0.32	2.06
Diisopropyl ether	108203	4.10E-03	NA	3.58E+02	NA	NA	0.2	1	0.1	1	1.67	25.2
Diisopropylamine (I)	108189	7.70E-04	NA	2.00E+02	NA	NA	0.2	1	0.1	1	1.6	37.4
Dimethyl phthalate	131113	1.00E+01	NA	5.00E+01	NA	NA	0.2	1	0.1	1	1.64	41
N,N-Dimethylacetamide	127195	2.50E-02	NA	NA	NA	NA	0.2	1	0.1	1	-0.77	0.175
N,N-Dimethylaniline	121697	2.20E-03	NA	NA	1.18E-05	5.00E+04	0.2	1	0.1	1	2.46	262
Dimethylformamide (I)	68122	9.60E-02	NA	3.00E+01	NA	NA	0.2	1	0.1	1	-1.01	0.102
2,4-Dimethylphenol	105679	5.00E-02	NA	7.00E+01	NA	NA	0.2	1	0.1	1	2.36	209
2,6-Dimethylphenol	576261	6.00E-04	NA	2.00E+00	NA	NA	0.2	1	0.1	1	2.36	209
3,4-Dimethylphenol	95658	1.40E-03	NA	3.50E+00	NA	NA	0.2	1	0.1	1	2.23	156
Dimethylsulfoxide	67685	3.00E+01	NA	2.00E+01	NA	NA	0.2	1	0.1	1	-1.66	0.0234
2,4-Dinitrotoluene	121142	2.00E-03	1.10E-01	2.00E+00	2.00E-04	NA	0.2	1	0.1	1	2.01	94.6
Dinoseb	88857	1.00E-03	NA	4.00E+00	NA	NA	0.2	1	0.1	1	3.15	1,250
1,4-Dioxane (I)	123911	NA	1.00E-02	100	5.50E-06	NA	0.2	1	0.1	1	-0.39	0.588
Diquat	85007	2.20E-03	NA	NA	NA	NA	0.2	1	0.1	1	-2.82	0.00169
Dissolved oxygen (DO)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diuron	330541	4.30E-03	NA	7.00E+00	NA	NA	0.2	1	0.1	1	2.77	187

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			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
trans-1,2-Dichloroethylene	156605	NR	NR	9.38E-03	0.0707	1.19E-05	0.056	36	6.30E+06	Liquid	96.94
2,6-Dichloro-4-nitroaniline	99309	NR	NR	4.67E-08	0.08	8.00E-06	NA	NA	7,000	Solid	207.02
2,4-Dichlorophenol	120832	147	NR	3.16E-06	0.0346	8.77E-06	NA	NA	4.50E+06	Liquid	163
2,4-Dichlorophenoxyacetic acid	94757	NR	NR	4.50E-06	0.059	6.50E-06	NA	NA	6.80E+05	Solid	221.04
1,2-Dichloropropane (I)	78875	NR	NR	2.80E-03	0.0782	8.73E-06	0.034	60	2.80E+06	Liquid	112.99
1,3-Dichloropropene	542756	NR	NR	1.77E-02	0.0626	1.00E-05	0.053	77	2.80E+06	Liquid	110.97
Dichlorovos	62737	NR	NR	9.58E-07	0.08	8.00E-06	NA	175	1.60E+07	Liquid	220.98
Dicyclohexyl phthalate	84617	NR	NR	7.61E-05	0.08	8.00E-06	NA	NA	4,000	Solid	330.43
Dieldrin	60571	NR	NR	1.51E-05	0.0125	4.74E-06	NA	NA	195	Solid	380.9
Diethyl ether	60297	NR	NR	8.70E-04	0.074	9.30E-06	0.019	-49	6.10E+07	Liquid	74.12
Diethyl phthalate	84662	NR	NR	4.50E-07	0.0256	6.35E-06	NA	322	1.08E+06	Liquid	222.23
Diethylene glycol monobutyl ether	112345	NR	NR	1.52E-09	0.08	8.00E-06	NA	NA	1.00E+09	Liquid	162.23
Diisopropyl ether	108203	NR	NR	1.30E-03	0.08	8.00E-06	0.014	-18	8,041	Liquid	102.18
Diisopropylamine (I)	108189	NR	NR	9.60E-05	0.08	8.00E-06	0.011	20	3.69E+07	Liquid	101.22
Dimethyl phthalate	131113	NR	NR	5.78E-07	0.067	6.30E-06	NA	295	4.19E+06	Liquid	194.19
N,N-Dimethylacetamide	127195	NR	NR	1.31E-08	0.08	8.00E-06	NA	158	1.00E+09	Liquid	87.14
N,N-Dimethylaniline	121697	NR	NR	8.12E-05	0.08	8.00E-06	NA	142	1.27E+06	Liquid	121.18
Dimethylformamide (I)	68122	NR	NR	7.39E-08	0.08	8.00E-06	NA	136	1.00E+09	Liquid	73.1
2,4-Dimethylphenol	105679	NR	NR	2.00E-06	0.0584	8.69E-06	NA	NA	7.87E+06	Solid	122.16
2,6-Dimethylphenol	576261	NR	NR	5.02E-06	0.08	8.00E-06	NA	NA	6.14E+06	Solid	122.16
3,4-Dimethylphenol	95658	NR	NR	3.78E-07	0.08	8.00E-06	NA	NA	4.93E+06	Solid	122.16
Dimethylsulfoxide	67685	NR	NR	5.80E-08	0.08	8.00E-06	NA	NA	1.66E+08	Liquid	78.14
2,4-Dinitrotoluene	121142	NR	NR	9.26E-08	0.203	7.06E-06	NA	NA	2.70E+05	Solid	183.15
Dinoseb	88857	NR	NR	4.60E-07	0.08	8.00E-06	NA	NA	52,000	Liquid	240.2
1,4-Dioxane (I)	123911	NR	NR	4.90E-06	0.23	1.00E-05	0.02	55	9.00E+08	Liquid	88.11
Diquat	85007	NR	NR	1.42E-13	0.08	8.00E-06	NA	NA	7.00E+05	Solid	344.08
Dissolved oxygen (DO)	NA	NR	NA	NR	NA	NA	NA	NA	NA	NA	NA
Diuron	330541	NR	NR	2.70E-06	0.08	8.00E-06	NA	NA	37,300	Solid	233.1

TABLE 4. TOXICOLOGICAL AND CHEMICAL-PHYSICAL DATA
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Endosulfan (J)	115297	6.00E-03	NA	NA	NA	NA	0.2	1	0.1	1	4.1	2,110
Endothall	145733	1.70E-02	NA	3.50E+01	NA	NA	0.2	1	0.1	1	-0.55	0.288
Endrin	72208	1.70E-04	NA	NA	NA	NA	0.2	0.5	0.1	1	5.06	12,200
Epichlorohydrin (I)	106898	1.00E-03	5.90E-01	1.00E+00	1.20E-06	NA	0.2	1	0.1	1	0.26	1.92
Ethanol (I)	64175	6.20E+01	NA	1.90E+04	NA	NA	1	1	0.1	1	-0.31	0.496
Ethyl acetate (I)	141786	9.00E-01	NA	3.20E+03	NA	NA	0.2	1	0.1	1	0.69	4.77
Ethyl-tert-butyl ether (ETBE)	637923	NA	NA	3.73E+02	NA	NA	NA	1	0.1	1	1.92	3.97
Ethylbenzene (I)	100414	9.70E-02	NA	1.00E+03	3.10E-07	5.43E+05	0.2	1	0.1	1	3.14	367
Ethylene dibromide	106934	NA	5.70E+01	9.00E+00	2.20E-04	NA	0.2	1	0.1	1	1.75	52.5
Ethylene glycol	107211	2.00E+00	NA	1.00E+03	NA	1.00E+05	0.2	1	0.1	1	-1.4	0.0421
Ethylene glycol monobutyl ether	111762	5.00E-01	NA	1.30E+04	NA	NA	0.2	1	0.1	1	0.83	6.55
Fluoranthene	206440	1.20E-01	NA	1.40E+02	NA	NA	0.2	0.5	0.1	1	5.12	1.08E+05
Fluorene	86737	1.20E-01	NA	1.40E+02	NA	NA	0.2	1	0.1	1	4.21	13,800
Fluorine (soluble fluoride) (B)	7782414	6.00E-02	NA	NA	NA	3.10E+03	1	0.5	0.01	1	NR	NR
Formaldehyde	50000	1.80E-01	NA	9.00E+00	1.30E-05	3.70E+02	0.2	1	0.1	1	-0.051	1.09
Formic acid (I,U)	64186	1.40E+00	NA	2.00E+00	NA	1.90E+04	0.2	1	0.1	1	-0.538	0.449
1-Formylpiperidine	2591868	1.10E-02	NA	NA	NA	NA	0.2	1	0.1	1	NA	NA
Gentian violet	548629	1.40E-01	5.50E-02	NA	NA	NA	0.2	1	0.1	1	0.51	3.17
Glyphosate	1071836	1.00E-01	NA	NA	NA	NA	0.2	0.5	0.1	1	-4.47	4.04E-05
Heptachlor	76448	2.30E-03	1.60E+00	NA	1.30E-03	NA	0.2	0.5	0.1	1	6.26	1.43E+06
Heptachlor epoxide	1024573	8.50E-06	2.90E+00	NA	2.60E-03	NA	0.2	0.5	0.1	1	5	82,300
n-Heptane	142825	4.40E+00	NA	3.50E+03	NA	2.05E+06	0.2	1	0.1	1	4.72	43,700
Hexabromobenzene	87821	2.80E-03	NA	NA	NA	NA	0.2	0.5	0.1	1	6.1	9.92E+05
Hexachlorobenzene (C-66)	118741	8.00E-04	1.00E+00	NA	4.60E-04	NA	0.2	0.5	0.1	1	5.89	55,300
Hexachlorobutadiene (C-46)	87683	2.00E-03	5.20E-02	NA	2.20E-05	NA	0.2	1	0.1	1	4.81	53,500
alpha-Hexachlorocyclohexane	319846	NA	2.00E+00	NA	1.83E-03	NA	0.2	1	0.1	1	3.8	1,220
beta-Hexachlorocyclohexane	319857	NA	9.70E-01	NA	5.30E-04	NA	0.2	1	0.1	1	3.81	1,250
Hexachlorocyclopentadiene (C-56)	77474	6.00E-03	NA	2.00E-01	NA	NA	0.2	0.5	0.1	1	5.39	1.99E+05

TABLE 4. TOXICOLOGICAL AND CHEMICAL-PHYSICAL DATA
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Endosulfan (J)	115297	NR	NR	1.12E-05	0.0115	4.55E-06	NA	NA	510	Solid	406.9
Endothall	145733	NR	NR	2.60E-10	0.08	8.00E-06	NA	NA	1.00E+08	Solid	186.18
Endrin	72208	NR	NR	7.52E-06	0.0125	4.74E-06	NA	NA	250	Solid	380.9
Epichlorohydrin (I)	106898	NR	NR	3.00E-05	0.086	9.80E-06	0.038	93	6.60E+07	Liquid	92.53
Ethanol (I)	64175	NR	NR	6.29E-06	0.08	8.00E-06	0.033	55	1.00E+09	Liquid	46.07
Ethyl acetate (I)	141786	NR	NR	1.70E-04	0.073	9.70E-06	0.02	24	6.40E+07	Liquid	88.12
Ethyl-tert-butyl ether (ETBE)	637923	NR	NR	1.39E-03	0.08	8.00E-06	NA	NA	5.63E+06	Liquid	102.18
Ethylbenzene (I)	100414	NR	NR	7.88E-03	0.075	7.80E-06	0.008	55	1.69E+05	Liquid	106.17
Ethylene dibromide	106934	NR	NR	4.60E-04	0.08	8.00E-06	NA	NA	4.20E+06	Liquid	187.9
Ethylene glycol	107211	NR	NR	6.00E-08	0.08	8.00E-06	0.032	232	1.00E+09	Liquid	62.07
Ethylene glycol monobutyl ether	111762	NR	NR	5.13E-02	0.08	8.00E-06	NA	143	2.24E+08	Liquid	118.2
Fluoranthene	206440	NR	NR	1.61E-05	0.0302	6.35E-06	NA	NA	206	Solid	202.24
Fluorene	86737	NR	NR	6.36E-05	0.0363	7.88E-06	NA	NA	1,980	Solid	166.23
Fluorine (soluble fluoride) (B)	7782414	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	38
Formaldehyde	50000	NR	NR	2.80E-04	0.18	2.00E-05	0.07	NA	5.50E+08	Liquid	30.03
Formic acid (I,U)	64186	NR	NR	2.50E-06	0.079	1.40E-06	0.18	122	1.00E+09	Liquid	46.03
1-Formylpiperidine	2591868	NR	NR	NA	0.08	8.00E-06	NA	NA	NA	Liquid	113.2
Gentian violet	548629	NR	NR	3.06E-16	0.08	8.00E-06	NA	NA	1.00E+06	Solid	408
Glyphosate	1071836	NR	NR	1.50E-09	0.08	8.00E-06	NA	NA	1.16E+07	Solid	169.09
Heptachlor	76448	NR	NR	1.48E-03	0.0112	5.69E-06	NA	NA	180	Solid	373.4
Heptachlor epoxide	1024573	NR	NR	9.50E-06	0.0132	4.23E-06	NA	NA	200	Solid	389.32
n-Heptane	142825	NR	NR	2.11E+00	0.08	8.00E-06	0.0105	25	2,690	Liquid	100.2
Hexabromobenzene	87821	NR	NR	1.30E-05	0.08	8.00E-06	NA	NA	0.17	Solid	551
Hexachlorobenzene (C-66)	118741	NR	NR	1.32E-03	0.0542	5.91E-06	NA	NA	6,200	Solid	284.78
Hexachlorobutadiene (C-46)	87683	NR	NR	8.15E-03	0.0561	6.16E-06	NA	NA	3,230	Liquid	260.76
alpha-Hexachlorocyclohexane	319846	NR	NR	1.06E-05	0.0142	7.34E-06	NA	NA	2,000	Solid	290.82
beta-Hexachlorocyclohexane	319857	NR	NR	7.43E-07	0.0142	7.34E-06	NA	NA	240	Solid	290.82
Hexachlorocyclopentadiene (C-56)	77474	NR	NR	2.70E-02	0.0161	7.21E-06	NA	NA	1,800	Liquid	272.77

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PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Hexachloroethane	67721	1.00E-03	8.50E-03	3.50E+00	4.00E-06	NA	0.2	1	0.1	1	4	1,760
n-Hexane	110543	4.10E-01	NA	2.00E+02	NA	NA	0.2	1	0.1	1	4	1,760
2-Hexanone	591786	1.40E-01	NA	4.00E+01	NA	NA	0.2	1	0.1	1	1.4	23.8
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	4.10E-01	NA	NA	NA	0.2	0.5	0.13	1	6.65	3.45E+06
Iron (B)	7439896	3.00E-01	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Isobutyl alcohol (I)	78831	3.20E-01	NA	1.50E+03	NA	NA	0.2	1	0.1	1	0.75	5.46
Isophorone	78591	1.50E-01	1.10E-03	2.80E+02	2.70E-07	2.80E+04	0.2	1	0.1	1	1.699	46.8
Isopropyl alcohol (I)	67630	6.40E-02	NA	2.20E+02	NA	1.23E+06	0.2	1	0.1	1	0.05	1.31
Isopropyl benzene	98828	1.10E-01	NA	8.70E+01	NA	NA	0.2	1	0.1	1	3.6	3,460
Lead (B)	7439921	NA	NA	1.50E+00	NA	NA	0.2	0.5	0.01	1	NR	NR
Lindane	58899	3.30E-04	7.10E-01	NA	NA	NA	0.2	1	0.04	1	3.73	1,080
Lithium (B)	7439932	2.80E-02	NA	3.50E+01	NA	NA	0.2	0.5	0.01	1	NR	NR
Magnesium (B)	7439954	1.10E+01	NA	1.00E+02	NA	NA	1	0.5	0.01	1	NR	NR
Manganese (B)	7439965	4.70E-02	NA	5.00E-02	NA	NA	0.5	0.5	0.01	1	NR	NR
Mercury (Total) (B,Z)	Varies	3.00E-04	NA	3.00E-01	NA	NA	0.2	0.5	0.01	1	5.95	NR
Methane	74828	NA	NA	NA	NA	NA	0.2	1	0.1	1	1.09	11.8
Methanol	67561	5.00E-01	NA	3.25E+03	NA	3.28E+06	0.2	1	0.1	1	-0.72	0.196
Methoxychlor	72435	5.00E-03	NA	NA	NA	NA	0.2	0.5	0.1	1	5.08	12,600
2-Methoxyethanol (I)	109864	1.00E-03	NA	2.00E+01	NA	NA	0.2	1	0.1	1	-0.77	0.175
2-Methyl-4-chlorophenoxyacetic acid	94746	1.00E-03	NA	NA	NA	NA	0.2	1	0.1	1	3.25	1,570
2-Methyl-4,6-dinitrophenol	534521	3.50E-04	NA	2.00E+00	NA	NA	0.2	1	0.1	1	2.1	116
N-Methyl-morpholine (I)	109024	2.70E-03	NA	NA	NA	NA	0.2	1	0.1	1	-0.33	0.474
Methyl parathion	298000	2.50E-04	NA	NA	NA	NA	0.2	1	0.1	1	2.9	710
4-Methyl-2-pentanone (MIBK) (I)	108101	2.50E-01	NA	2.05E+03	NA	3.07E+06	0.2	1	0.1	1	1.18	14.5
Methyl-tert-butyl ether (MTBE)	1634044	3.30E-02	3.40E-03	3.00E+03	NA	NA	0.2	1	0.1	1	0.99	9.41
Methylcyclopentane (I)	96377	NA	NA	700	NA	NA	0.2	1	0.1	1	3.37	2,060
4,4'-Methylene-bis-2- chloroaniline	101144	7.30E-04	7.70E-01	NA	3.70E-05	NA	0.2	1	0.1	1	3.92	7,140
Methylene chloride	75092	5.80E-02	4.20E-03	2.00E+03	4.70E-07	NA	0.2	1	0.1	1	1.26	11.9

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Hexachloroethane	67721	NR	NR	3.89E-03	0.0025	6.80E-06	NA	NA	50,000	Solid	236.74
n-Hexane	110543	NR	NR	1.40E-02	0.08	8.00E-06	0.011	-7	12,000	Liquid	86.18
2-Hexanone	591786	NR	NR	9.57E-05	0.08	8.00E-06	NA	77	1.60E+07	Liquid	100.16
Indeno(1,2,3-cd)pyrene (Q)	193395	NR	NR	1.60E-06	0.019	5.66E-06	NA	NA	0.022	Solid	276.34
Iron (B)	7439896	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	55.845
Isobutyl alcohol (I)	78831	NR	NR	1.30E-05	0.08	8.00E-06	NA	82	7.60E+07	Liquid	74.14
Isophorone	78591	NR	NR	6.20E-06	0.0623	6.76E-06	0.008	184	1.20E+07	Liquid	138.23
Isopropyl alcohol (I)	67630	NR	NR	8.07E-06	0.08	8.00E-06	0.02	53	1.00E+09	Liquid	60.09
Isopropyl benzene	98828	NR	NR	1.50E-02	0.086	7.10E-06	0.009	96	56,000	Liquid	122.16
Lead (B)	7439921	NR	11,000	NR	NR	NR	NA	NA	NA	Inorganic	207.2
Lindane	58899	NR	NR	1.40E-05	0.0176	7.34E-06	NA	NA	6,800	Solid	290.9
Lithium (B)	7439932	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	6.941
Magnesium (B)	7439954	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	24.305
Manganese (B)	7439965	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	54.938
Mercury (Total) (B,Z)	Varies	NR	52	7.10E-10	0.037	6.30E-06	NA	NA	56	Inorganic	200.59
Methane	74828	NR	NR	6.58E-01	0.08	8.00E-06	0.053	-306	NA	Gas	16.04
Methanol	67561	NR	NR	1.70E-04	0.15	1.30E-05	0.06	52	2.90E+07	Liquid	32.05
Methoxychlor	72435	NR	NR	1.58E-05	0.0156	4.46E-06	NA	NA	45	Solid	345.7
2-Methoxyethanol (I)	109864	NR	NR	9.51E-07	0.08	8.00E-06	NA	NA	1.00E+09	Liquid	76.1
2-Methyl-4-chlorophenoxyacetic acid	94746	NR	NR	1.33E-09	0.08	8.00E-06	NA	NA	9.24E+05	Solid	305.79
2-Methyl-4,6-dinitrophenol	534521	NR	NR	4.30E-07	0.08	8.00E-06	NA	NA	2.00E+05	Solid	198.13
N-Methyl-morpholine (I)	109024	NR	NR	2.50E-07	0.08	8.00E-06	NA	NA	1.00E+09	Liquid	101.17
Methyl parathion	298000	NR	NR	1.10E-07	0.08	8.00E-06	NA	NA	50,000	Solid	263.23
4-Methyl-2-pentanone (MIBK) (I)	108101	NR	NR	1.20E-04	0.075	7.80E-06	NA	64	2.00E+07	Liquid	100.2
Methyl-tert-butyl ether (MTBE)	1634044	NR	NR	6.39E-04	0.08	8.00E-06	NA	NA	4.68E+07	Liquid	88.15
Methylcyclopentane (I)	96377	NR	NR	3.63E-01	0.08	8.00E-06	NA	NA	73,890	Liquid	84.16
4,4'-Methylene-bis-2- chloroaniline	101144	NR	NR	4.10E-11	0.08	8.00E-06	NA	NA	14,000	Solid	267.17
Methylene chloride	75092	NR	NR	2.40E-03	0.101	1.17E-05	0.13	NA	1.70E+07	Liquid	50.5

TABLE 4. TOXICOLOGICAL AND CHEMICAL-PHYSICAL DATA
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
2-Methylnaphthalene	91576	3.60E-02	NA	1.00E+01	NA	NA	0.2	1	0.1	1	3.9	6,820
Methylphenols (J)	1319773	5.00E-02	NA	1.00E+02	NA	NA	0.2	1	0.1	1	1.99	45.1
Metolachlor	51218452	2.30E-01	3.50E-03	NA	NA	NA	0.2	1	0.1	1	3.13	361
Metribuzin	21087649	2.50E-02	NA	NA	NA	NA	0.2	0.5	0.1	1	1.7	46.9
Mirex	2385855	2.30E-04	9.30E-01	NA	NA	NA	0.2	0.5	0.1	1	6.7	3.86E+06
Molybdenum (B)	7439987	5.00E-03	NA	NA	NA	NA	0.4	0.5	0.01	1	NR	NR
Naphthalene	91203	7.10E-02	NA	3.00E+00	3.10E-06	7.90E+04	0.2	1	0.1	1	3.36	2,010
Nickel (B)	7440020	7.60E-02	NA	NA	2.40E-04	NA	0.2	0.5	0.01	1	NR	NR
Nitrate (B,N)	14797558	1.60E+00	NA	NA	NA	NA	1	0.5	0.01	1	NR	NR
Nitrite (B,N)	14797650	1.00E-01	NA	NA	NA	NA	1	0.5	0.01	1	NR	NR
Nitrobenzene (I)	98953	4.60E-04	NA	7.00E-01	2.00E-05	NA	0.2	1	0.1	1	1.84	64.4
2-Nitrophenol	88755	2.80E-03	NA	NA	NA	NA	0.2	1	0.1	1	1.8	58.8
n-Nitroso-di-n-propylamine	621647	2.50E-01	4.50E+00	NA	2.00E-03	NA	0.2	1	0.1	1	1.4	23.8
N-Nitrosodiphenylamine	86306	2.50E-01	3.10E-03	NA	1.40E-06	NA	0.2	1	0.1	1	3.16	381
Oxamyl	23135220	3.80E-02	NA	NA	NA	NA	0.2	1	0.1	1	-0.47	0.508
Oxo-hexyl acetate	88230357	1.00E-02	NA	3.10E+01	NA	NA	0.2	1	0.1	1	NA	NA
Pendimethalin	40487421	1.20E-01	NA	NA	NA	NA	0.2	0.5	0.1	1	5.18	1.24E+05
Pentachlorobenzene	608935	8.30E-04	NA	NA	NA	NA	0.2	0.5	0.1	1	5.26	1.48E+05
Pentachloronitrobenzene	82688	7.50E-03	NA	5.00E+00	NA	NA	0.2	1	0.1	1	4.64	36,400
Pentachlorophenol	87865	3.00E-02	6.80E-02	1.00E+02	3.00E-05	NA	0.2	0.5	0.25	1	5.09	592
Pentane	109660	NA	NA	1.80E+04	NA	2.21E+06	0.2	1	0.1	1	3.42	2,300
2-Pentene (I)	109682	NA	NA	NA	NA	NA	0.2	1	0.1	1	2.58	344
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR
Phenanthrene	85018	7.10E-03	NA	1.00E-01	NA	NA	0.2	1	0.1	1	4.6	33,300
Phenol	108952	6.00E-01	NA	6.00E+02	NA	NA	0.2	1	0.1	1	1.48	17.8
Phenytoin	57410	3.00E-02	5.10E-02	NA	1.40E-05	NA	0.2	1	0.1	1	2.47	1473
Phosphorus (Total)	7723140	1.10E+01	NA	1.00E+00	NA	NA	0.2	0.5	0.1	1	NR	NA
Phthalic acid	88993	1.90E+00	NA	NA	NA	NA	0.2	1	0.1	1	0.73	5.22

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
2-Methylnaphthalene	91576	NR	NR	4.99E-04	0.08	8.00E-06	NA	NA	24,600	Solid	142.2
Methylphenols (J)	1319773	NR	NR	1.60E-06	0.074	8.30E-06	NA	178	2.80E+07	Solid	108.13
Metolachlor	51218452	NR	NR	9.90E-09	0.08	8.00E-06	NA	NA	5.30E+05	Liquid	283.83
Metribuzin	21087649	NR	NR	8.80E-02	0.08	8.00E-06	NA	NA	1.20E+06	Solid	214.29
Mirex	2385855	NR	NR	5.16E-04	0.08	8.00E-06	NA	NA	6.80E-06	Solid	545.54
Molybdenum (B)	7439987	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	95.94
Naphthalene	91203	NR	NR	4.83E-04	0.059	7.50E-06	0.009	174	31,000	Solid	128.17
Nickel (B)	7440020	NR	65	NR	NR	NR	NA	NA	NA	Inorganic	58.7
Nitrate (B,N)	14797558	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	62
Nitrite (B,N)	14797650	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	46
Nitrobenzene (I)	98953	NR	NR	2.40E-05	0.076	8.60E-06	NA	190	2.09E+06	Liquid	123.11
2-Nitrophenol	88755	NR	NR	3.50E-06	0.08	8.00E-06	NA	NA	2.50E+06	Solid	139.11
n-Nitroso-di-n-propylamine	621647	NR	NR	2.25E-06	0.0545	8.17E-06	NA	NA	9.89E+06	Liquid	130.22
N-Nitrosodiphenylamine	86306	NR	NR	5.00E-06	0.0312	6.35E-06	NA	NA	35,100	Solid	198.22
Oxamyl	23135220	NR	NR	2.37E-10	0.08	8.00E-06	NA	NA	2.80E+08	Solid	219.29
Oxo-hexyl acetate	88230357	NR	NR	NA	0.08	8.00E-06	NA	NA	NA	Liquid	144.2
Pendimethalin	40487421	NR	NR	8.56E-07	0.08	8.00E-06	NA	NA	275	Solid	281.31
Pentachlorobenzene	608935	NR	NR	8.40E-04	0.067	6.30E-06	NA	NA	650	Liquid	250.3
Pentachloronitrobenzene	82688	NR	NR	2.90E-02	0.08	8.00E-06	NA	NA	32	Solid	295.32
Pentachlorophenol	87865	592	NR	2.44E-08	0.056	6.10E-06	NA	NA	1.85E+06	Solid	266.32
Pentane	109660	NR	NR	1.26E+00	0.08	8.00E-06	0.015	-57	38,200	Liquid	72.15
2-Pentene (I)	109682	NR	NR	2.30E-01	0.08	8.00E-06	NA	NA	2.03E+05	Liquid	70.13
pH	NA	NR	NA	NR	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NR	NR	2.30E-05	0.08	8.00E-06	NA	NA	1,000	Solid	178.24
Phenol	108952	NR	NR	3.97E-07	0.082	9.10E-06	0.018	175	8.28E+07	Liquid	147.01
Phenytoin	57410	NA	NR	1.02E-11	0.08	8.00E-06	NA	NA	3.20E+04	Solid	252.2718
Phosphorus (Total)	7723140	NR	NR	NR	0.08	8.00E-06	NA	NA	NA	Solid	30.974
Phthalic acid	88993	NR	NR	2.18E-12	0.08	8.00E-06	NA	NA	1.42E+07	Liquid	166.13

TABLE 4. TOXICOLOGICAL AND CHEMICAL-PHYSICAL DATA
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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Phthalic anhydride	85449	2.10E+00	NA	NA	NA	NA	0.2	1	0.1	1	1.6	37.4
Picloram	1918021	7.00E-02	NA	NA	NA	NA	0.2	1	0.1	1	0.3	1.97
Piperidine	110894	4.40E-04	NA	1.40E+02	NA	NA	0.2	1	0.1	1	0.84	6.7
Polybrominated biphenyls (J)	67774327	4.30E-06	7.20E+00	NA	NA	NA	0.2	0.5	0.1	1	7.07	8.91E+06
Polychlorinated biphenyls (PCBs) (J,T)	1336363	2.00E-05	2.00E+00	NA	6.00E-04	NA	0.2	0.5	0.14	1	5.58	3.06E+05
Prometon	1610180	2.20E-02	NA	NA	NA	NA	0.2	1	0.1	1	2.99	870
Propachlor	1918167	1.30E-02	NA	NA	NA	NA	0.2	1	0.1	1	2.01	94.6
Propazine	139402	2.70E-02	NA	NA	NA	NA	0.2	1	0.1	1	2.75	505
Propionic acid	79094	1.70E+00	NA	3.00E+02	NA	NA	0.2	1	0.1	1	0.28	1.89
Propyl alcohol (I)	71238	1.90E-01	NA	7.30E+02	NA	6.14E+05	0.2	1	0.1	1	0.25	1.89
n-Propylbenzene (I)	103651	1.10E-02	NA	2.00E+01	NA	NA	0.2	1	0.1	1	3.69	4,240
Propylene glycol	57556	2.00E+01	NA	6.00E+03	NA	NA	0.2	1	0.1	1	-0.92	0.125
Pyrene	129000	7.50E-02	NA	1.00E+02	NA	NA	0.2	0.5	0.1	1	5.11	1.06E+05
Pyridine (I)	110861	1.00E-03	NA	3.50E+00	NA	NA	0.2	1	0.1	1	0.67	4.56
Selenium (B)	7782492	5.00E-03	NA	2.00E+00	NA	NA	0.2	0.5	0.01	1	NR	NR
Silver (B)	7440224	4.70E-03	NA	1.00E-01	NA	NA	0.2	0.5	0.01	1	NR	NR
Silvex (2,4,5-TP)	93721	7.50E-03	NA	NA	NA	NA	0.2	1	0.1	1	3.4	2,200
Simazine	122349	5.20E-03	NA	NA	NA	NA	0.2	1	0.1	1	1.93	79
Sodium	17341252	3.40E+01	NA	NA	NA	NA	0.1	0.5	0.01	1	NR	NR
Sodium azide	26628228	1.20E-02	NA	NA	NA	NA	0.2	1	0.1	1	NA	NA
Strontium (B)	7440246	6.30E-01	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Styrene	100425	2.00E-01	1.30E-02	1.00E+03	5.70E-07	1.70E+05	0.2	1	0.1	1	2.94	777
Sulfate	14808798	NA	NA	NA	NA	NA	NA	0.5	0.1	1	NR	NR
Tebuthiuron	34014181	7.00E-02	NA	NA	NA	NA	0.2	1	0.1	1	1.78	56.2
2,3,7,8-Tetrabromodibenzo-p-dioxin (O)	50585416	NA	7.50E+04	NA	NA	NA	0.2	0.5	0.03	1	7.24	1.31E+07
1,2,4,5-Tetrachlorobenzene	95943	3.40E-01	NA	1.00E+00	NA	NA	0.2	1	0.1	1	4.64	36,400
2,3,7,8-Tetrachlorodibenzo-p-dioxin (O)	1746016	NA	7.50E+04	2.00E-06	4.40E+01	NA	0.2	0.5	0.03	1	7.04	8.33E+06
1,1,1,2-Tetrachloroethane	630206	8.90E-02	1.10E-02	NA	7.40E-06	NA	0.2	1	0.1	1	2.63	145

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Phthalic anhydride	85449	NR	NR	1.63E-08	0.08	8.00E-06	1.70E+07	305	6.20E+06	Liquid	148.1
Picloram	1918021	NR	NR	4.05E-11	0.08	8.00E-06	NA	NA	4.30E+05	Solid	241.48
Piperidine	110894	NR	NR	4.45E-06	0.08	8.00E-06	NA	NA	1.00E+09	Liquid	85.15
Polybrominated biphenyls (J)	67774327	NR	NR	3.90E-06	0.08	8.00E-06	NA	NA	1.66E+07	Solid	NA
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NR	NR	4.20E-04	0.08	8.00E-06	NA	NA	44.7	Solid	268.4
Prometon	1610180	NR	NR	1.98E-09	0.08	8.00E-06	NA	NA	7.50E+05	Solid	225.29
Propachlor	1918167	NR	NR	1.09E-07	0.08	8.00E-06	NA	NA	6.55E+05	Solid	211.69
Propazine	139402	NR	NR	4.60E-09	0.08	8.00E-06	NA	NA	8,600	Solid	229.75
Propionic acid	79094	NR	NR	4.45E-07	0.08	8.00E-06	0.029	126	1.00E+09	Liquid	74.09
Propyl alcohol (I)	71238	NR	NR	7.41E-06	0.08	8.00E-06	0.022	72	1.00E+09	Liquid	60.11
n-Propylbenzene (I)	103651	NR	NR	NA	0.08	8.00E-06	NA	NA	NA	Liquid	120.19
Propylene glycol	57556	NR	NR	1.24E-08	0.08	8.00E-06	NA	NA	1.00E+09	Liquid	76.1
Pyrene	129000	NR	NR	1.10E-05	0.0272	7.24E-06	NA	NA	135	Solid	202.26
Pyridine (I)	110861	NR	NR	7.00E-03	0.091	7.60E-06	0.018	68	3.00E+05	Liquid	79.11
Selenium (B)	7782492	NR	5	NR	NR	NR	NA	NA	NA	Inorganic	78.96
Silver (B)	7440224	NR	8.3	NR	NR	NR	NA	NA	NA	Inorganic	107.868
Silvex (2,4,5-TP)	93721	NR	NR	1.30E-08	0.08	8.00E-06	NA	NA	1.40E+05	Solid	269.51
Simazine	122349	NR	NR	3.37E-09	0.08	8.00E-06	NA	NA	4,470	Solid	201.67
Sodium	17341252	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	23
Sodium azide	26628228	NR	NA	NA	0.08	8.00E-06	NA	NA	NA	Solid	65.01
Strontium (B)	7440246	NR	NA	NR	NA	NA	NA	NA	NA	Inorganic	87.62
Styrene	100425	NR	NR	2.75E-03	0.071	8.00E-06	0.009	88	3.10E+05	Liquid	104.15
Sulfate	14808798	NR	NA	NR	0.08	8.00E-06	NA	NA	NA	Inorganic	96.066
Tebuthiuron	34014181	NR	NR	2.40E-10	0.08	8.00E-06	NA	NA	2.50E+06	Solid	228.31
2,3,7,8-Tetrabromodibenzo-p-dioxin (O)	50585416	NR	NR	2.95E-07	0.08	8.00E-06	NA	NA	0.00996	Solid	499.6
1,2,4,5-Tetrachlorobenzene	95943	NR	NR	1.20E-03	0.08	8.00E-06	NA	NA	1,300	Solid	215.28
2,3,7,8-Tetrachlorodibenzo-p-dioxin (O)	1746016	NR	NR	9.20E-06	0.047	8.00E-06	NA	NA	0.019	Solid	322
1,1,1,2-Tetrachloroethane	630206	NR	NR	2.40E-03	0.071	7.90E-06	NA	NA	1.10E+06	Liquid	167.85

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
1,1,2,2-Tetrachloroethane	79345	NA	1.00E-01	NA	5.80E-05	NA	0.2	1	0.1	1	2.39	93.5
Tetrachloroethylene	127184	1.00E-02	2.60E-02	4.00E+01	5.80E-07	6.85E+05	0.2	1	0.1	1	2.67	156
Tetrahydrofuran	109999	1.30E-02	NA	5.90E+03	2.00E-06	7.37E+05	0.2	1	0.1	1	0.46	2.83
Tetranitromethane	509148	NA	NA	4.00E-01	1.50E-02	NA	0.2	NA	NA	1	-2.05	9.66E-03
Thallium (B)	7440280	6.70E-05	NA	0.2	NA	NA	0.2	0.5	0.01	1	NR	NR
Toluene (I)	108883	2.20E-01	NA	4.00E+02	NA	NA	0.2	1	0.1	1	2.75	180
p-Toluidine	106490	NA	5.60E-02	NA	3.10E-05	NA	0.2	1	0.1	1	1.39	23.3
Total dissolved solids (TDS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR
Toxaphene	8001352	NA	4.40E-01	NA	3.20E-04	1.00E+03	0.2	0.5	0.1	1	5.5	2.55E+05
Triallate	2303175	1.30E-02	NA	NA	NA	NA	0.2	1	0.1	1	4.57	31,100
Tributylamine	102829	3.50E-03	NA	7.00E+00	NA	NA	0.2	1	0.1	1	4.46	24,200
1,2,4-Trichlorobenzene	120821	1.50E-02	NA	3.70E+02	NA	3.70E+04	0.2	1	0.1	1	4.01	1,790
1,1,1-Trichloroethane	71556	2.20E+00	NA	1.00E+03	NA	2.46E+06	0.2	1	0.1	1	2.48	110
1,1,2-Trichloroethane	79005	3.90E-03	2.90E-02	NA	1.60E-05	NA	0.2	1	0.1	1	2.05	50.3
Trichloroethylene	79016	1.70E-03	1.00E-02	2.00E+00	1.70E-06	5.37E+05	0.2	1	0.1	1	2.71	168
Trichlorofluoromethane	75694	3.50E-01	NA	5.62E+04	NA	5.62E+06	0.2	1	0.1	1	2.53	121
2,4,5-Trichlorophenol	95954	1.00E-01	NA	3.50E+02	NA	NA	0.2	1	0.1	1	3.9	1,597
2,4,6-Trichlorophenol	88062	NA	7.40E-03	NA	3.10E-06	NA	0.2	1	0.1	1	3.7	381
1,2,3-Trichloropropane	96184	5.70E-03	NA	0.3	NA	NA	0.2	1	0.1	1	2.26	167
1,1,2-Trichloro-1,2,2-trifluoroethane	76131	2.70E+01	NA	7.67E+04	NA	9.59E+06	0.2	1	0.1	1	3.15	1,250
Triethanolamine	102716	5.00E-01	NA	5.00E+01	NA	NA	0.2	1	0.1	1	-1.38	0.044
Triethylene glycol	112276	5.90E-01	NA	NA	NA	NA	0.2	1	0.1	1	-1.69	0.0218
3-Trifluoromethyl-4-nitrophenol	88302	6.20E-01	NA	NA	NA	NA	0.2	1	0.1	1	2.87	663
Trifluralin	1582098	5.10E-03	4.50E-03	NA	NA	NA	0.2	0.5	0.1	1	5.3	1.62E+05
2,2,4-Trimethyl pentane	540841	NA	NA	3.50E+03	NA	NA	0.2	1	0.1	1	4.09	2,080
2,4,4-Trimethyl-2-pentene (I)	107404	NA	NA	NA	NA	NA	0.2	1	0.1	1	4	1,760
1,2,4-Trimethylbenzene (I)	95636	1.40E-01	NA	1.23E+03	NA	NA	0.2	1	0.1	1	3.67	965
1,3,5-Trimethylbenzene (I)	108678	1.40E-01	NA	1.23E+03	NA	NA	0.2	1	0.1	1	3.5	708

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
1,1,2,2-Tetrachloroethane	79345	NR	NR	3.45E-04	0.071	7.90E-06	NA	NA	2.97E+06	Liquid	167.85
Tetrachloroethylene	127184	NR	NR	1.84E-02	0.072	8.20E-06	NA	NA	2.00E+05	Liquid	165.83
Tetrahydrofuran	109999	NR	NR	9.63E-03	0.08	8.00E-06	0.02	6	1.00E+09	Liquid	72.12
Tetranitromethane	509148	NR	NR	2.60E-05	0.08	8.00E-06	NA	NA	85,000	Liquid	196.03
Thallium (B)	7440280	NR	71	NR	NR	NR	NA	NA	NA	Inorganic	204.383
Toluene (I)	108883	NR	NR	6.64E-03	0.087	8.60E-06	0.011	40	5.26E+05	Liquid	92.14
p-Toluidine	106490	NR	NR	6.10E-06	0.08	8.00E-06	NA	188	7.60E+06	Liquid	107.17
Total dissolved solids (TDS)	NA	NR	NA	NR	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001352	NR	NR	6.00E-06	0.0116	4.34E-06	NA	NA	740	Solid	414
Triallate	2303175	NR	NR	1.93E-05	0.08	8.00E-06	NA	NA	4,000	Liquid	304.66
Tributylamine	102829	NR	NR	5.60E-03	0.08	8.00E-06	NA	NA	75,400	Liquid	185.4
1,2,4-Trichlorobenzene	120821	NR	NR	1.42E-03	0.03	8.23E-06	NA	222	3.00E+05	Liquid	181.45
1,1,1-Trichloroethane	71556	NR	NR	1.72E-02	0.078	8.80E-06	0.075	NA	1.33E+06	Liquid	133.4
1,1,2-Trichloroethane	79005	NR	NR	9.13E-04	0.078	8.80E-06	0.06	NA	4.42E+06	Liquid	133.4
Trichloroethylene	79016	NR	NR	1.03E-02	0.079	9.10E-06	0.08	NA	1.10E+06	Liquid	131.39
Trichlorofluoromethane	75694	NR	NR	1.30E-01	0.087	9.70E-06	NA	NA	1.10E+06	Liquid	137.38
2,4,5-Trichlorophenol	95954	1,597	NR	4.33E-06	0.0291	7.03E-06	NA	NA	1.20E+06	Solid	197.5
2,4,6-Trichlorophenol	88062	381	NR	7.79E-06	0.0318	6.25E-06	NA	NA	8.00E+05	Solid	197.5
1,2,3-Trichloropropane	96184	NR	NR	3.80E-04	0.071	7.90E-06	NA	160	1.90E+06	Liquid	147.43
1,1,2-Trichloro-1,2,2-trifluoroethane	76131	NR	NR	5.30E-01	0.078	8.20E-06	NA	NA	1.70E+05	Liquid	187.38
Triethanolamine	102716	NR	NR	3.38E-19	0.08	8.00E-06	NA	NA	1.00E+09	Liquid	149.19
Triethylene glycol	112276	NR	NR	2.61E-10	0.0427	8.06E-06	NA	NA	1.00E+06	Liquid	150.17
3-Trifluoromethyl-4-nitrophenol	88302	NR	NR	1.92E-08	0.08	8.00E-06	NA	NA	5.00E+06	Solid	207
Trifluralin	1582098	NR	NR	2.60E-05	0.08	8.00E-06	NA	NA	8,100	Solid	335.29
2,2,4-Trimethyl pentane	540841	NR	NR	3.13E+00	0.08	8.00E-06	0.011	10	2,330	Liquid	114.23
2,4,4-Trimethyl-2-pentene (I)	107404	NR	NR	8.81E-01	0.08	8.00E-06	NA	NA	11,900	Liquid	112.2
1,2,4-Trimethylbenzene (I)	95636	NR	NR	5.87E-03	0.08	8.00E-06	0.009	112	55,890	Liquid	120.2
1,3,5-Trimethylbenzene (I)	108678	NR	NR	7.38E-03	0.08	8.00E-06	NA	122	61,150	Liquid	120.2

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Hazardous Substance	Chemical Abstract Service Number	Oral Reference Dose	Oral Slope Factor	Chronic Inhalation Reference Concentration	Inhalation Unit Risk Factor	Occupational Short Term Exposure Level	Relative Source Contribution for Drinking Water	Ingestion Absorption Efficiency	Dermal Absorption Efficiency	Relative Source Contribution for Soil	Log Octanol-Water Partition Coefficient	Soil Organic Carbon-Water Partition Coefficients for Organic Compounds
		RfD	SF	RfC	IURF	STEL	RSC	AEi	AEd	RSC	Log Kow	Koc
		mg/kg-day	$(mg/kg\text{-}day)^{-1}$	ug/m^3	$(ug/m^3)^{-1}$	ug/m^3	unitless	unitless	unitless	unitless	unitless	L/kg
Triphenyl phosphate	115866	1.60E-01	NA	NA	NA	NA	0.2	1	0.1	1	4.67	39,000
tris(2,3-Dibromopropyl)phosphate	126727	NA	1.20E+00	NA	5.30E-04	NA	0.2	1	0.1	1	3.51	2,820
Urea	57136	NA	NA	NA	NA	NA	0.2	1	0.1	1	-2.11	0.0256
Vanadium	7440622	5.00E-03	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Vinyl acetate (I)	108054	8.80E-02	NA	2.00E+02	NA	5.30E+04	0.2	1	0.1	1	0.73	5.22
Vinyl chloride	75014	3.00E-03	1.40E+00	1.00E+02	8.80E-06	NA	0.2	1	0.1	1	1.5	18.5
White phosphorus (R)	12185103	1.50E-05	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR
Xylenes (I)	1330207	1.80E+00	NA	4.40E+03	NA	6.51E+05	0.2	1	0.1	1	3.11	348
Zinc (B)	7440666	3.30E-01	NA	NA	NA	NA	0.2	0.5	0.01	1	NR	NR

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Hazardous Substance	Chemical Abstract Service Number	Soil Koc for Ionizing Organic Compounds at pH=6.8	Soil-Water Distribution Coefficients for Inorganic Compounds at pH=6.8	Henry's Law Constant at 25°C	Air Diffusivity	Water Diffusivity	Lower Explosive Limit in Air	Flash Point	Water Solubility	Physical State at Standard Temperature and Pressure	Molecular Weight
			Kd	HLC	D_i or D_a or D^{air}	D_w	LEL	FP	S		MW
		L/kg	L/kg	atm-m^3/mol	cm^2/s	cm^2/s	unitless	°F	ug/L	unitless	g/mol
Triphenyl phosphate	115866	NR	NR	3.60E-07	0.08	8.00E-06	NA	NA	1,430	Liquid	326.3
tris(2,3-Dibromopropyl)phosphate	126727	NR	NR	3.00E-05	0.08	8.00E-06	NA	NA	4,700	Liquid	697.67
Urea	57136	NR	NR	NR	0.08	8.00E-06	NA	NA	NA	Solid	60.07
Vanadium	7440622	NR	1,000	NR	NR	NR	NA	NA	NA	Inorganic	50.942
Vinyl acetate (I)	108054	NR	NR	5.11E-04	0.085	9.20E-06	0.026	18	2.00E+07	Liquid	86.09
Vinyl chloride	75014	NR	NR	2.70E-02	0.106	1.23E-05	0.036	NA	2.76E+06	Liquid	62.5
White phosphorus (R)	12185103	NR	NA	NR	NR	NR	NA	NA	NA	Inorganic	123.9
Xylenes (I)	1330207	NR	NR	6.04E-03	0.078	3.21E-05	NA	NA	1.86E+05	Liquid	106.17
Zinc (B)	7440666	NR	62	NR	NR	NR	NA	NA	NA	Inorganic	65.39