
APPENDIX E

REGULATORY MATRIX: TRI CHEMICALS IN OTHER FEDERAL PROGRAMS

Many of the chemicals covered under TRI are also subject to other environmental laws. The following matrix indicates whether the currently listed TRI chemicals are subject to any of the following selected environmental laws:

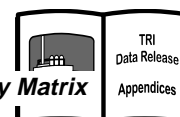
1. EPCRA 302: EPCRA section 302 (codified at 40 CFR Part 355), facilities with listed extremely hazardous substances (EHSs) in quantities greater than their Threshold Planning Quantities (TPQs) must report to the State Emergency Response Commission. TPQs are based on a combination of acute toxicity and ability of the substance to become airborne. The list of EHSs and their TPQs can be found at 40 CFR Part 355 Appendix A. For more information, contact the EPCRA Information Hotline: 1-800-535-0202.
2. CAA 112: The Clean Air Act (CAA) section 112(b), National Emission Standards for Hazardous Air Pollutants (NESHAPS; codified at 40 CFR Part 61), lists the Hazardous Air Pollutants and includes emissions standards and monitoring requirements for plants with listed chemicals.
3. CERCLA: Under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA; 42 USC 9601 et seq.), releases of listed substances at or above their Reportable Quantities (RQs) must be reported to the National Response Center. RQs are set on the basis of aquatic toxicity, acute mammalian toxicity, ignitability, reactivity, chronic toxicity, and carcinogenicity, with possible adjustment on the basis of biodegradation, hydrolysis, and photolysis. The list of CERCLA hazardous substances and their RQs can be found at 40 CFR 302.4. For more information, contact the RCRA/Superfund Hotline: 1-800-424-9346.
4. FIFRA: The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) creates a statutory framework under which EPA, through a registration process, regulates the development, sale, distribution, and use of pesticides.
5. NPDWR: The National Primary Drinking Water Regulations (NPDWR) under the Safe Drinking Water Act, Subparts B and G (codified at 40 CFR Part 141) list Maximum



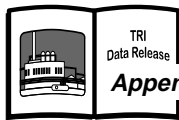
Appendix E — Regulatory Matrix

Contaminant Levels (MCLs) for certain chemicals. The MCL is the maximum permissible level of a contaminant in public drinking water systems. MCLs are based on health factors, but are also required by law to reflect the technological and economic feasibility of removing the contaminant from the water supply. Further information is available from the Safe Drinking Water Hotline: 1-800-424-4791.

6. PPL: The Clean Water Act (CWA) regulates the discharge of pollutants into waterways by industrial sources, municipal sources, and other sources. These sources of water pollution are subject to effluent limitations based on guidelines and water quality standards. Approximately 125 pollutants make up a "Priority Pollutants List" (PPL). EPA has developed water quality criteria for all the priority pollutants.
7. RCRA (P/U): Under the Resource Conservation and Recovery Act (RCRA), hazardous waste is required to be managed "cradle to grave" (i.e., from the point of generation to the point of ultimate disposal). For a waste to be classified as hazardous, it can be an F, K, P, or U listed hazardous waste (40 CFR 261.30 - 261.33) or exhibit one of the following characteristics: ignitability, corrosivity, reactivity, or toxicity. The chemicals on the P and U list are commercial chemical products, off-specification species, container residues, and spill residues. The chemicals on the P list have been identified as acute hazardous waste; those on the U list have been identified as toxic waste. For more information, contact the RCRA/Superfund Hotline: 1-800-424-9346.



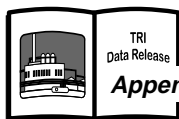
CAS Number ¹	Chemical	EPCRA CAA					RCRA		
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
75-07-0	Acetaldehyde		X	X					X
60-35-5	Acetamide		X	X					
75-05-8	Acetonitrile		X	X					X
53-96-3	2-Acetylaminofluorene		X	X					X
107-02-8	Acrolein	X	X	X	X		X	X	
79-06-1	Acrylamide	X	X	X		X			X
79-10-7	Acrylic acid		X	X					X
107-13-1	Acrylonitrile	X	X	X			X		X
309-00-2	Aldrin	X		X			X	X	
107-18-6	Allyl alcohol	X		X				X	
107-05-1	Allyl chloride		X	X					
7429-90-5	Aluminum (fume or dust)								
1344-28-1	Aluminum oxide (fibrous forms)								
117-79-3	2-Aminoanthraquinone								
60-09-3	4-Aminoazobenzene								
92-67-1	4-Aminobiphenyl		X	X					
82-28-0	1-Amino-2-methylantraquinone								
61-82-5	Amitrole			X	X				X
7664-41-7	Ammonia	X		X					
6484-52-2	Ammonium nitrate (solution)								
7783-20-2	Ammonium sulfate (solution)								
62-53-3	Aniline	X	X	X					X
90-04-0	o-Anisidine		X	X					
104-94-9	p-Anisidine								
134-29-2	o-Anisidine hydrochloride								
120-12-7	Anthracene			X			X		
7440-36-0	Antimony		X	X		X	X		
—	Antimony compounds		X	X		X			
7440-38-2	Arsenic		X	X		X	X		
—	Arsenic compounds		X	X		X			
1332-21-4	Asbestos (friable)		X	X		X	X		
7440-39-3	Barium					X			
—	Barium compounds					X			
98-87-3	Benzal chloride	X		X					X
55-21-0	Benzamide								
71-43-2	Benzene		X	X		X	X		X
92-87-5	Benzidine		X	X			X		X
98-07-7	Benzoic trichloride	X	X	X					X
98-88-4	Benzoyl chloride			X					
94-36-0	Benzoyl peroxide								
100-44-7	Benzyl chloride	X	X	X				X	
7440-41-7	Beryllium		X	X		X	X		
—	Beryllium compounds		X	X		X			
92-52-4	Biphenyl		X	X	X				
111-91-1	Bis(2-chloroethoxy) methane			X				X	
111-44-4	Bis(2-chloroethyl) ether	X	X	X			X		X
542-88-1	Bis(chloromethyl) ether	X	X	X			X	X	
108-60-1	Bis(2-chloro-1-methylethyl) ether			X			X		X
103-23-1	Bis(2-ethylhexyl) adipate					X			
353-59-3	Bromochlorodifluoromethane (Halon 1211)			X					
75-25-2	Bromoform		X	X		X	X		X
74-83-9	Bromomethane	X	X	X	X		X		X



Appendix E — Regulatory Matrix

CAS Number ^①	Chemical	EPCRA CAA					RCRA	RCRA
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P
75-63-8	Bromotrifluoromethane (Halon 1301)			X				
106-99-0	1,3-Butadiene		X	X				
141-32-2	Butyl acrylate							
71-36-3	n-Butyl alcohol			X				X
78-92-2	sec-Butyl alcohol							
75-65-0	tert-Butyl alcohol							
106-88-7	1,2-Butylene oxide		X	X				
123-72-8	Butyraldehyde							
4680-78-8	C.I. Acid Green 3							
569-64-2	C.I. Basic Green 4							
989-38-8	C.I. Basic Red 1							
1937-37-7	C.I. Direct Black 38							
2602-46-2	C.I. Direct Blue 6							
16071-86-6	C.I. Direct Brown 95							
2832-40-8	C.I. Disperse Yellow 3							
3761-53-3	C.I. Food Red 5							
81-88-9	C.I. Food Red 15							
3118-97-6	C.I. Solvent Orange 7							
97-56-3	C.I. Solvent Yellow 3							
842-07-9	C.I. Solvent Yellow 14							
492-80-8	C.I. Solvent Yellow 34			X				X
128-66-5	C.I. Vat Yellow 4							
7440-43-9	Cadmium		X	X		X	X	
—	Cadmium compounds		X	X		X		
156-62-7	Calcium cyanamide		X	X				
133-06-2	Captan		X	X	X			
63-25-2	Carbaryl		X	X	X			
75-15-0	Carbon disulfide	X	X	X			X	
56-23-5	Carbon tetrachloride		X	X		X	X	X
463-58-1	Carbonyl sulfide		X	X				
120-80-9	Catechol		X	X				
133-90-4	Chloramben		X	X				
57-74-9	Chlordane	X	X	X	X	X	X	X
7782-50-5	Chlorine	X	X	X	X			
10049-04-4	Chlorine dioxide				X			
79-11-8	Chloroacetic acid	X	X	X				
532-27-4	2-Chloroacetophenone		X	X				
108-90-7	Chlorobenzene		X	X		X	X	X
510-15-6	Chlorobenzilate		X	X				X
75-68-3	1-Chloro-1,1-difluoroethane							
75-45-6	Chlorodifluoromethane							
75-00-3	Chloroethane		X	X			X	
67-66-3	Chloroform	X	X	X		X	X	X
74-87-3	Chloromethane		X	X			X	X
107-30-2	Chloromethyl methyl ether	X	X	X				X
—	Chlorophenols			X				
126-99-8	Chloroprene		X	X				
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane							
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane							
63938-10-3	Chlorotetrafluoroethane							
1897-45-6	Chlorothalonil				X			
7440-47-3	Chromium		X	X		X	X	
—	Chromium compounds		X	X		X		
7440-48-4	Cobalt		X					

CAS Number ¹	Chemical	EPCRA CAA					RCRA	RCRA	
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
—	Cobalt compounds		X	X					
7440-50-8	Copper			X	X	X	X		
—	Copper compounds			X	X	X			
8001-58-9	Creosote			X	X				X
120-71-8	p-Cresidine								
1319-77-3	Cresol (mixed isomers)		X	X					X
108-39-4	m-Cresol		X	X	X				
95-48-7	o-Cresol	X	X	X					
106-44-5	p-Cresol		X	X					
98-82-8	Cumene		X	X					X
80-15-9	Cumene hydroperoxide			X					X
135-20-6	Cupferron								
—	Cyanide compounds	X	X	X		X			
110-82-7	Cyclohexane			X					X
94-75-7	2,4-D (acetic acid)		X	X	X	X			X
1163-19-5	Decabromodiphenyl oxide								
2303-16-4	Diallate			X					X
615-05-4	2,4-Diaminoanisole								
39156-41-7	2,4-Diaminoanisole sulfate								
101-80-4	4,4'-Diaminodiphenyl ether								
25376-45-8	Diaminotoluene (mixed isomers)			X					X
95-80-7	2,4-Diaminotoluene		X	X					X
334-88-3	Diazomethane		X	X					
132-64-9	Dibenzofuran		X	X					
96-12-8	1,2-Dibromo-3-chloropropane		X	X		X			X
106-93-4	1,2-Dibromoethane		X	X	X	X			X
124-73-2	Dibromotetrafluoroethane (Halon 2402)			X					
84-74-2	Dibutyl phthalate		X	X			X		X
25321-22-6	Dichlorobenzene (mixed isomers)			X			X		
95-50-1	1,2-Dichlorobenzene			X		X	X		X
541-73-1	1,3-Dichlorobenzene			X			X		X
106-46-7	1,4-Dichlorobenzene		X	X	X	X	X		X
91-94-1	3,3'-Dichlorobenzidine		X	X			X		X
75-27-4	Dichlorobromomethane			X		X	X		
764-41-0	4,4-Dichloro-2-butene			X					X
75-71-8	Dichlorodifluoromethane (CFC-12)			X					X
107-06-2	1,2-Dichloroethane		X	X	X	X	X		X
540-59-0	1,2-Dichloroethylene								
1717-00-6	1,1-Dichloro-1-fluoroethane								
75-09-2	Dichloromethane		X	X		X	X		X
120-83-2	2,4-Dichlorophenol			X			X		X
78-87-5	1,2-Dichloropropane		X	X		X	X		X
78-88-6	2,3-Dichloropropene			X					
542-75-6	1,3-Dichloropropylene		X	X	X		X		X
76-14-2	Dichlorotetrafluoroethane			X					
34077-87-7	Dichlorotrifluoroethane								
306-83-2	1,1-Dichloro-1,2,2-trifluoroethane								
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane								
90454-18-5	Dichloro-1,1,2-trifluoroethane								
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane								
62-73-7	Dichlorvos	X	X	X	X				
115-32-2	Dicofol			X	X				
1464-53-5	Diepoxybutane	X		X					X



Appendix E — Regulatory Matrix

CAS Number ^①	Chemical	EPCRA CAA						RCRA	RCRA
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
111-42-2	Diethanolamine		X	X					
117-81-7	Di-(2-ethylhexyl) phthalate		X	X		X	X		X
84-66-2	Diethyl phthalate			X			X		X
64-67-5	Diethyl sulfate		X	X					
94-58-6	Dihydrosafrole			X					X
119-90-4	3,3'-Dimethoxybenzidine		X	X					X
60-11-7	4-Dimethylaminoazobenzene		X	X					X
119-93-7	3,3'-Dimethylbenzidine		X	X					X
79-44-7	Dimethylcarbamyl chloride		X	X					X
57-14-7	1,1-Dimethyl hydrazine	X	X	X					X
105-67-9	2,4-Dimethylphenol			X	X		X		X
131-11-3	Dimethyl phthalate		X	X			X		X
99-65-0	m-Dinitrobenzene			X					
528-29-0	o-Dinitrobenzene			X					
100-25-4	p-Dinitrobenzene			X					
534-52-1	4,6-Dinitro-o-cresol	X	X	X	X		X	X	
51-28-5	2,4-Dinitrophenol		X	X			X	X	
121-14-2	2,4-Dinitrotoluene		X	X			X		X
606-20-2	2,6-Dinitrotoluene			X			X		X
25321-14-6	Dinitrotoluene (mixed isomers)			X			X		
123-91-1	1,4-Dioxane		X	X					X
122-66-7	1,2-Diphenylhydrazine		X	X			X		X
106-89-8	Epichlorohydrin	X	X	X		X			X
110-80-5	2-Ethoxyethanol		X	X					X
140-88-5	Ethyl acrylate		X	X					X
100-41-4	Ethylbenzene		X	X		X	X		
541-41-3	Ethyl chloroformate								
74-85-1	Ethylene				X				
—	Ethylenebisdithiocarbamic acid, salts and esters			X					X
107-21-1	Ethylene glycol		X	X					
151-56-4	Ethyleneimine	X	X	X				X	
75-21-8	Ethylene oxide	X	X	X	X				X
96-45-7	Ethylene thiourea		X	X					X
75-34-3	Ethylidene dichloride			X					X
2164-17-2	Fluometuron				X				
50-00-0	Formaldehyde	X	X	X	X				X
64-18-6	Formic acid			X					X
76-13-1	Freon 113								
—	Glycol ethers		X	X					
76-44-8	Heptachlor		X	X	X	X	X	X	
118-74-1	Hexachlorobenzene		X	X		X	X		X
87-68-3	Hexachloro-1,3-butadiene		X	X			X		X
77-47-4	Hexachlorocyclopentadiene	X	X	X		X	X		X
67-72-1	Hexachloroethane		X	X			X		X
1335-87-1	Hexachloronaphthalene								
70-30-4	Hexachlorophene			X					X
680-31-9	Hexamethylphosphoramide		X	X					
302-01-2	Hydrazine	X	X	X					X
10034-93-2	Hydrazine sulfate								
7647-01-0	Hydrochloric acid	X	X	X	X				
74-90-8	Hydrogen cyanide	X		X		X		X	
7664-39-3	Hydrogen fluoride	X	X	X					X
123-31-9	Hydroquinone	X	X	X					
78-84-2	Isobutyraldehyde								

CAS Number ¹	Chemical	EPCRA CAA					RCRA		
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
67-63-0	Isopropyl alcohol (manufacturing)				X				
80-05-7	4,4'-Isopropylidenediphenol								
120-58-1	Isosafrole			X					X
7439-92-1	Lead		X	X		X	X		
—	Lead compounds		X	X		X			
58-89-9	Lindane	X	X	X	X	X	X		X
108-31-6	Maleic anhydride		X	X					X
109-77-3	Malononitrile			X					X
12427-38-2	Maneb				X				
7439-96-5	Manganese		X						
—	Manganese compounds		X	X					
7439-97-6	Mercury		X	X		X	X		
—	Mercury compounds		X	X		X			
126-98-7	Methacrylonitrile	X		X					X
67-56-1	Methanol		X	X	X				X
72-43-5	Methoxychlor		X	X	X	X			X
109-86-4	2-Methoxyethanol		X		X				
96-33-3	Methyl acrylate								
79-22-1	Methyl chlorocarbonate			X					X
109-06-8	2-Methylpyridine			X					X
1634-04-4	Methyl tert-butyl ether		X	X					
101-14-4	4,4'-Methylenebis (2-chloroaniline)		X	X					X
101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzeneamine								
101-68-8	Methylenebis(phenylisocyanate)		X	X					
74-95-3	Methylene bromide			X					X
101-77-9	4,4'-Methylenedianiline		X	X					
78-93-3	Methyl ethyl ketone		X	X					X
60-34-4	Methyl hydrazine	X	X	X				X	
74-88-4	Methyl iodide		X	X					X
108-10-1	Methyl isobutyl ketone		X	X					X
624-83-9	Methyl isocyanate	X	X	X				X	
80-62-6	Methyl methacrylate		X	X					X
90-94-8	Michler's ketone								
1313-27-5	Molybdenum trioxide								
76-15-3	Monochloropentafluoroethane (CFC-115)			X					
505-60-2	Mustard gas	X							
91-20-3	Naphthalene		X	X	X		X		X
134-32-7	alpha-Naphthylamine			X					X
91-59-8	beta-Naphthylamine			X					X
7440-02-0	Nickel		X	X		X	X		
—	Nickel compounds		X	X					
7697-37-2	Nitric acid	X		X					
139-13-9	Nitrilotriacetic acid								
99-59-2	5-Nitro-o-anisidine								
99-55-8	5-Nitro-o-toluidine			X					X
98-95-3	Nitrobenzene	X	X	X			X		X
92-93-3	4-Nitrobiphenyl		X	X					
1836-75-5	Nitrofen								
51-75-2	Nitrogen mustard	X							
55-63-0	Nitroglycerin			X				X	
88-75-5	2-Nitrophenol			X			X		
100-02-7	4-Nitrophenol		X	X	X		X		X



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CAS Number ¹	Chemical	EPCRA CAA					RCRA	RCRA	
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
79-46-9	2-Nitropropane		X	X					X
156-10-5	p-Nitrosodiphenylamine								
121-69-7	N,N-Dimethylaniline		X	X					
924-16-3	N-Nitrosodi-n-butylamine			X					X
55-18-5	N-Nitrosodiethylamine			X					X
62-75-9	N-Nitrosodimethylamine	X	X	X			X	X	
86-30-6	N-Nitrosodiphenylamine			X			X		
621-64-7	N-Nitrosodi-n-propylamine			X			X		X
4549-40-0	N-Nitrosomethylvinylamine			X				X	
59-89-2	N-Nitrosomorpholine		X	X					
759-73-9	N-Nitroso-N-ethylurea			X					X
684-93-5	N-Nitroso-N-methylurea		X	X					X
16543-55-8	N-Nitrosornicotine								
100-75-4	N-Nitrosopiperidine			X					X
2234-13-1	Octochloronaphthalene								
20816-12-0	Osmium tetroxide			X				X	
123-63-7	Paraldehyde			X					X
56-38-2	Parathion	X	X	X	X			X	
76-01-7	Pentachloroethane			X					X
87-86-5	Pentachlorophenol		X	X	X	X	X		X
79-21-0	Peracetic acid	X			X				
108-95-2	Phenol	X	X	X	X		X		X
106-50-3	p-Phenylenediamine		X	X					
90-43-7	2-Phenylphenol				X				
75-44-5	Phosgene	X	X	X				X	
7664-38-2	Phosphoric acid			X	X				
7723-14-0	Phosphorus (yellow or white)	X	X	X	X				
85-44-9	Phthalic anhydride		X	X					X
88-89-1	Picric acid								
—	Polybrominated biphenyls								
1336-36-3	Polychlorinated biphenyls (PCBs)		X	X		X			
23950-58-5	Pronamide			X					X
1120-71-4	Propane sultone		X	X					X
57-57-8	beta-Propiolactone	X	X	X					
123-38-6	Propionaldehyde		X	X					
114-26-1	Propoxur		X	X	X				
115-07-1	Propylene								
75-55-8	Propyleneimine	X	X	X				X	
75-56-9	Propylene oxide	X	X	X	X				
110-86-1	Pyridine			X					X
91-22-5	Quinoline		X	X					
106-51-4	Quinone		X	X					X
82-68-8	Quintozene		X	X	X				X
81-07-2	Saccharin (manufacturing)			X					X
94-59-7	Safrole			X					X
7782-49-2	Selenium		X	X		X	X		
—	Selenium compounds		X	X		X			
7440-22-4	Silver			X	X		X		
—	Silver compounds			X	X				
100-42-5	Styrene		X	X		X			
96-09-3	Styrene oxide		X	X					
7664-93-9	Sulfuric acid (acid aerosols)	X		X	X				
630-20-6	1,1,1,2-Tetrachloroethane			X					X
79-34-5	1,1,2,2-Tetrachloroethane		X	X			X		X
127-18-4	Tetrachloroethylene		X	X		X	X		X

CAS Number ¹	Chemical	EPCRA CAA					RCRA	RCRA	
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
961-11-5	Tetrachlorvinphos				X				
7440-28-0	Thallium			X		X	X		
62-55-5	Thioacetamide			X					X
139-65-1	4,4'-Thiodianiline								
62-56-6	Thiourea			X					X
137-26-8	Thiram			X	X				X
1314-20-1	Thorium dioxide								
7550-45-0	Titanium tetrachloride	X	X	X					
108-88-3	Toluene		X	X		X	X		X
584-84-9	Toluene-2,4-diisocyanate	X	X	X					X
91-08-7	Toluene-2,6-diisocyanate	X		X					X
26471-62-5	Toluenediisocyanate (mixed isomers)	X		X					X
95-53-4	o-Toluidine		X	X					X
636-21-5	o-Toluidine hydrochloride			X					X
8001-35-2	Toxaphene	X	X	X	X	X	X	X	
68-76-8	Triaziquone								
52-68-6	Trichlorfon			X	X				
120-82-1	1,2,4-Trichlorobenzene		X	X		X	X		
71-55-6	1,1,1-Trichloroethane		X	X	X	X	X		X
79-00-5	1,1,2-Trichloroethane		X	X		X	X		X
79-01-6	Trichloroethylene		X	X		X	X		X
75-69-4	Trichlorofluoromethane (CFC-11)			X					X
95-95-4	2,4,5-Trichlorophenol		X	X					X
88-06-2	2,4,6-Trichlorophenol		X	X			X		X
1582-09-8	Trifluralin		X	X	X				
95-63-6	1,2,4-Trimethylbenzene								
126-72-7	Tris(2,3-dibromopropyl) phosphate			X					X
72-57-1	Trypan blue			X					X
51-79-6	Urethane		X	X					X
7440-62-2	Vanadium (fume or dust)								
108-05-4	Vinyl acetate	X	X	X					
593-60-2	Vinyl bromide		X	X					
75-01-4	Vinyl chloride		X	X		X	X		X
75-35-4	Vinylidene chloride		X	X		X	X		X
—	Warfarin and salts			X				X	X
1330-20-7	Xylene (mixed isomers)		X	X	X	X			X
108-38-3	m-Xylene		X	X					X
95-47-6	o-Xylene		X	X					X
106-42-3	p-Xylene		X	X					X
87-62-7	2,6-Xylidine								
7440-66-6	Zinc (fume or dust)			X	X		X		
—	Zinc compounds			X	X				
12122-67-7	Zineb								

¹ Compound categories do not have CAS numbers (—).