

**Table I. NAICS Codes**

**1.1 NAICS codes that correspond to SIC codes 20 through 39:**

<b>311</b>	<b>Food Manufacturing</b>
<b>3111</b>	<b>Animal Food Manufacturing</b>
<b>31111</b>	<b>Animal Food Manufacturing</b>
311111	Dog and Cat Food Manufacturing
311119	Other Animal Food Manufacturing (except facilities primarily engaged in Custom Grain Grinding for Animal Feed)
<b>3112</b>	<b>Grain and Oilseed Milling</b>
<b>31121</b>	<b>Flour Milling and Malt Manufacturing</b>
311211	Flour Milling
311212	Rice Milling
311213	Malt Manufacturing
<b>31122</b>	<b>Starch and Vegetable Fats and Oils Manufacturing</b>
311221	Wet Corn Milling
311224	Soybean and Other Oilseed Processing
311225	Fats and Oils Refining and Blending
<b>31123</b>	<b>Breakfast Cereal Manuf.</b>
311230	Breakfast Cereal Manufacturing
<b>3113</b>	<b>Sugar and Confectionery Product Manufacturing</b>
<b>31131</b>	<b>Sugar Manufacturing</b>
311313	Beet Sugar Manufacturing
311314	Cane Sugar Manufacturing
<b>31133</b>	<b>Chocolate and Confectionery Manufacturing</b>
311351	Chocolate and Confectionery Manufacturing from Cacao Beans

311352	Confectionery Manufacturing from Purchased Chocolate
<b>31134</b>	<b>Nonchocolate Confectionery Manufacturing</b>
311340	Nonchocolate Confectionery Manufacturing (except facilities primarily engaged in the retail sale of candy, nuts, popcorn and other confections not for immediate consumption made on the premises)
311411	Frozen Fruit, Juice, and Vegetable Manufacturing
311412	Frozen Specialty Food Manufacturing
<b>31142</b>	<b>Fruit and Vegetable Canning, Pickling and Drying</b>
311421	Fruit and Vegetable Canning
311422	Specialty Canning
311423	Dried and Dehydrated Food Manufacturing
<b>3115</b>	<b>Dairy Product Manufacturing</b>
<b>31151</b>	<b>Dairy Product (except Frozen) Manufacturing</b>
311511	Fluid Milk Manufacturing
311512	Creamery Butter Manufacturing
311513	Cheese Manufacturing
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
<b>31152</b>	<b>Ice Cream and Frozen Dessert Manufacturing</b>
311520	Ice Cream and Frozen Dessert Manufacturing
<b>3116</b>	<b>Animal Slaughtering and Processing</b>
<b>31161</b>	<b>Animal Slaughtering and Processing</b>

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311611	Animal (except Poultry) Slaughtering (except for facilities primarily engaged in Custom Slaughtering for individuals)	<b>31193</b>	<b>Flavoring Syrup and Concentrate Manufacturing</b>
311612	Meat Processed from Carcasses [except for facilities primarily engaged in the cutting up and resale of purchased fresh carcasses for the trade (including boxed beef)]	311930	Flavoring Syrup and Concentrate Manufacturing
311613	Rendering and Meat Byproduct Processing	<b>31194</b>	<b>Seasoning and Dressing Manufacturing</b>
311615	Poultry Processing	311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
<b>3117</b>	<b>Seafood Product Preparation and Packaging</b>	311942	Spice and Extract Manufacturing
311710	Seafood Product Preparation and Packaging	<b>31199</b>	<b>All Other Miscellaneous Food Manufacturing</b>
<b>3118</b>	<b>Bakeries and Tortilla Manufacturing</b>	311991	Perishable Prepared Food Manufacturing
<b>31181</b>	<b>Bread and Bakery Product Manufacturing</b>	311999	All Other Miscellaneous Food Manufacturing
311812	Commercial Bakeries	<b>312</b>	<b>Beverage and Tobacco Product Manufacturing</b>
311813	Frozen Cakes, Pies, and Other Pastries Manufacturing	<b>3121</b>	<b>Beverage Manufacturing</b>
<b>31182</b>	<b>Cookie, Cracker, and Pasta Manufacturing</b>	<b>31211</b>	<b>Soft Drink and Ice Manufacturing</b>
311821	Cookie and Cracker Manufacturing	312111	Soft Drink Manufacturing
311824	Dry Pasta ,Dough, and Flour Mixes Manufacturing from Purchased Flour	312112	Bottled Water Manufacturing (except facilities primarily engaged in bottling mineral or spring water)
<b>31183</b>	<b>Tortilla Manufacturing</b>	312113	Ice Manufacturing
311830	Tortilla Manufacturing	<b>31212</b>	<b>Breweries</b>
<b>3119</b>	<b>Other Food Manufacturing</b>	312120	Breweries
<b>31191</b>	<b>Snack Food Manufacturing</b>	<b>31213</b>	<b>Wineries</b>
311911	Roasted Nuts and Peanut Butter Manufacturing	312130	Wineries
311919	Other Snack Food Manufacturing	<b>31214</b>	<b>Distilleries</b>
<b>31192</b>	<b>Coffee and Tea Manufacturing</b>	312140	Distilleries
311920	Coffee and Tea Manufacturing	<b>3122</b>	<b>Tobacco Manufacturing</b>
		<b>31221</b>	<b>Tobacco Stemming and Redrying</b>
		312210	Tobacco Stemming and Redrying
		<b>31223</b>	<b>Tobacco Product Manufacturing</b>

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312230	Tobacco Manufacturing		
<b>313</b>	<b>Textile Mills</b>	<b>314</b>	<b>Textile Product Mills</b>
<b>3131</b>	<b>Fiber, Yarn, and Thread Mills</b>	<b>3141</b>	<b>Textile Furnishing Mills</b>
<b>31311</b>	<b>Fiber, Yarn, and Thread Mills</b>	<b>31411</b>	<b>Carpet and Rug Mills</b>
313110	Fiber, Yarn, and Thread Mills	314110	Carpet and Rug Mills
<b>3132</b>	<b>Fabric Mills</b>	<b>31412</b>	<b>Curtain and Linen Mills</b>
<b>31321</b>	<b>Broadwoven Fabric Mills</b>	314120	Curtain and Linen Mills (except facilities primarily engaged in making custom drapery for retail sale)
313210	Broadwoven Fabric Mills	<b>3149</b>	<b>Other Textile Product Mills</b>
<b>31322</b>	<b>Narrow Fabric Mills and Schiffli Machine Embroidery</b>	<b>31491</b>	<b>Textile Bag and Canvas Mills</b>
313220	Narrow Fabric Mills and Schiffli Machine Embroidery	314910	Textile Bag and Canvas Mills
<b>31323</b>	<b>Nonwoven Fabric Mills</b>	<b>31499</b>	<b>All Other Textile Product Mills</b>
313230	Nonwoven Fabric Mills	314994	Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills
<b>31324</b>	<b>Knit Fabric Mills</b>	314999	All Other Miscellaneous Textile Product Mills (except facilities engaged in binding carpets and rugs for the trade, carpet cutting and binding, and embroidering on textile products (except apparel) for the trade)
3132401	Knit Fabric Mills	<b>315</b>	<b>Apparel Manufacturing</b>
<b>3133</b>	<b>Textile and Fabric Finishing and Fabric Coating Mills</b>	<b>3151</b>	<b>Apparel Knitting Mills</b>
<b>31331</b>	<b>Textile and Fabric Finishing Mills</b>	<b>31511</b>	<b>Hosiery and Sock Mills</b>
313310	Textile and Fabric Finishing Mills (except facilities primarily engaged in converting broadwoven piece goods and broadwoven textiles and facilities primarily engaged in sponging fabric for tailors and dressmakers and facilities primarily engaged in converting narrow woven textiles and narrow woven piece goods)	315110	Hosiery and Sock Mills
<b>31332</b>	<b>Fabric Coating Mills</b>	<b>31519</b>	<b>Other Apparel Knitting Mills</b>
313320	Fabric Coating Mills	315190	Other Apparel Knitting Mills
		<b>3152</b>	<b>Cut and Sew Apparel Manufacturing</b>
		<b>31521</b>	<b>Cut and Sew Apparel Contractors</b>
		315210	Cut and Sew Apparel Contractors

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<b>31522</b>	<b>Men's and Boys' Cut and Sew Apparel Manufacturing</b>	<b>3169</b>	<b>Other Leather and Allied Product Manufacturing</b>
315220	Men's and Boys' Cut and Sew Apparel Manufacturing (except custom tailors primarily engaged in making and selling men's and boy's suits, cut and sewn from purchased fabric)	<b>31699</b>	<b>Other Leather and Allied Product Manufacturing</b>
<b>31524</b>	<b>Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing</b>	316992	Women's Handbag and Purse Manufacturing
315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing	316998	All Other Leather Good and Allied Product Manufacturing
<b>31528</b>	<b>Other Cut and Sew Apparel Manufacturing</b>	<b>321</b>	<b>Wood Product Manufacturing</b>
315280	Other Cut and Sew Apparel Manufacturing	<b>3211</b>	<b>Sawmills and Wood Preservation</b>
<b>3159</b>	<b>Apparel Accessories and Other Apparel Manufacturing</b>	321113	Sawmills
<b>31599</b>	<b>Apparel Accessories and Other Apparel Manufacturing</b>	321114	Wood Preservation
315990	Apparel Accessories and Other Apparel Manufacturing	<b>3212</b>	<b>Veneer, Plywood, and Engineered Wood Product Manufacturing</b>
<b>316</b>	<b>Leather and Allied Product Manufacturing</b>	<b>32121</b>	<b>Veneer, Plywood, and Engineered Wood Product Manufacturing</b>
<b>3161</b>	<b>Leather and Hide Tanning and Finishing</b>	321211	Hardwood Veneer and Plywood Manufacturing
<b>31611</b>	<b>Leather and Hide Tanning and Finishing</b>	321212	Softwood Veneer and Plywood Manufacturing
316110	Leather and Hide Tanning and Finishing	321213	Engineered Wood Member (except Truss) Manufacturing
<b>3162</b>	<b>Footwear Manufacturing</b>	321214	Truss Manufacturing
<b>31621</b>	<b>Footwear Manufacturing</b>	321219	Reconstituted Wood Product Manufacturing
316210	Footwear Manufacturing	<b>3219</b>	<b>Other Wood Product Manufacturing</b>
		<b>32191</b>	<b>Millwork</b>
		321911	Wood Window and Door Manufacturing
		321912	Cut Stock, Resawing Lumber, and Planing
		321918	Other Millwork (including Flooring)

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<b>32192</b>	<b>Wood Container and Pallet Manufacturing</b>	<b>32223</b>	<b>Stationery Product Manufacturing</b>
321920	Wood Container and Pallet Manufacturing	322230	Stationery Product Manufacturing
<b>32199</b>	<b>All Other Wood Product Manufacturing</b>	<b>32229</b>	<b>Other Converted Paper Product Manufacturing</b>
321991	Manufactured Home (Mobile Home) Manufacturing	322291	Sanitary Paper Product Manufacturing
321992	Prefabricated Wood Building Manufacturing	322299	All Other Converted Paper Product Manufacturing
321999	All Other Miscellaneous Wood Product Manufacturing	<b>323</b>	<b>Printing and Related Support Activities</b>
<b>322</b>	<b>Paper Manufacturing</b>	<b>3231</b>	<b>Printing and Related Support Activities</b>
<b>3221</b>	<b>Pulp, Paper, and Paperboard Mills</b>	<b>32311</b>	<b>Printing</b>
<b>32211</b>	<b>Pulp Mills</b>	323111	Commercial Printing (Except Screen and Books) (except facilities primarily engaged in reproducing text, drawings, plans, maps, or other copy by blueprinting, photocopying, mimeographing, or other methods of duplication other than printing or microfilming ( <i>i.e.</i> , instant printing))
322110	Pulp Mills	323113	Commercial Screen Printing
<b>32212</b>	<b>Paper Mills</b>	323117	Books Printing
322121	Paper (except Newsprint) Mills	<b>32312</b>	<b>Support Activities for Printing</b>
322122	Newsprint Mills	3231201	Support Activities for Printing
<b>32213</b>	<b>Paperboard Mills</b>	<b>324</b>	<b>Petroleum and Coal Products Manufacturing</b>
322130	Paperboard Mills	<b>3241</b>	<b>Petroleum and Coal Products Manufacturing</b>
<b>3222</b>	<b>Converted Paper Product Manufacturing</b>	<b>32411</b>	<b>Petroleum Refineries</b>
<b>32221</b>	<b>Paperboard Container Manufacturing</b>	324110	Petroleum Refineries
322211	Corrugated and Solid Fiber Box Manufacturing	<b>32412</b>	<b>Asphalt Paving, Roofing, and Saturated Materials Manufacturing</b>
322212	Folding Paperboard Box Manufacturing	324121	Asphalt Paving Mixture and Block Manufacturing
322219	Other Paperboard Container Manufacturing	324122	Asphalt Shingle and Coating Materials Manufacturing
<b>32222</b>	<b>Paper Bag and Coated and Treated Paper Manufacturing</b>		
322220	Paper Bag and Coated and Treated Paper Manufacturing		

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Table I. NAICS Codes

<b>32419</b>	<b>Other Petroleum and Coal Products Manufacturing</b>	<b>32521</b>	<b>Resin and Synthetic Rubber Manufacturing</b>
324191	Petroleum Lubricating Oil and Grease Manufacturing	325211	Plastics Material and Resin Manufacturing
324199	All Other Petroleum and Coal Products Manufacturing	325212	Synthetic Rubber Manufacturing
<b>325</b>	<b>Chemical Manufacturing</b>	<b>32522</b>	<b>Artificial and Synthetic Fibers and Filaments Manufacturing</b>
<b>3251</b>	<b>Basic Chemical Manufacturing</b>	325220	Artificial and Synthetic Fibers and Filaments Manufacturing
<b>32511</b>	<b>Petrochemical Manufacturing</b>	<b>3253</b>	<b>Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing</b>
325110	Petrochemical Manufacturing	<b>32531</b>	<b>Fertilizer Manufacturing</b>
<b>32512</b>	<b>Industrial Gas Manufacturing</b>	325311	Nitrogenous Fertilizer Manufacturing
325120	Industrial Gas Manufacturing	325312	Phosphatic Fertilizer Manufacturing
<b>32513</b>	<b>Synthetic Dye and Pigment Manufacturing</b>	325314	Fertilizer (Mixing Only) Manufacturing
325130	Synthetic Dye and Pigment Manufacturing	<b>32532</b>	<b>Pesticide and Other Agricultural Chemical Manufacturing</b>
<b>32518</b>	<b>Other Basic Inorganic Chemical Manufacturing</b>	325320	Pesticide and Other Agricultural Chemical Manufacturing
325180	Other Basic Inorganic Chemical Manufacturing	<b>3254</b>	<b>Pharmaceutical and Medicine Manufacturing</b>
<b>32519</b>	<b>Other Basic Organic Chemical Manufacturing</b>	<b>32541</b>	<b>Pharmaceutical and Medicine Manufacturing</b>
325193	Ethyl Alcohol Manufacturing	325411	Medicinal and Botanical Manufacturing
325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing	325412	Pharmaceutical Preparation Manufacturing
325199	All Other Basic Organic Chemical Manufacturing	325413	In-Vitro Diagnostic Substance Manufacturing
<b>3252</b>	<b>Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing</b>	325414	Biological Product (except Diagnostic) Manufacturing
		<b>3255</b>	<b>Paint, Coating, and Adhesive Manufacturing</b>
		<b>32551</b>	<b>Paint and Coating Manufacturing</b>
		325510	Paint and Coating Manufacturing

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<b>32552</b>	<b>Adhesive Manufacturing</b>	<b>326</b>	<b>Plastics and Rubber Products Manufacturing</b>
325520	Adhesive Manufacturing		
<b>3256</b>	<b>Soap, Cleaning Compound, and Toilet Preparation Manufacturing</b>	<b>3261</b>	<b>Plastics Product Manufacturing</b>
<b>32561</b>	<b>Soap and Cleaning Compound Manufacturing</b>	<b>32611</b>	<b>Plastics Packaging Materials and Unlaminated Film and Sheet Manufacturing</b>
325611	Soap and Other Detergent Manufacturing	326111	Plastics Bag and Pouch Manufacturing
325612	Polish and Other Sanitation Good Manufacturing	326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing
325613	Surface Active Agent Manufacturing	326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
<b>32562</b>	<b>Toilet Preparation Manufacturing</b>	<b>32612</b>	<b>Plastics, Pipe, Pipe Fitting, and Unlaminated Profile Shape Manufacturing</b>
325620	Toilet Preparation Manufacturing	326121	Unlaminated Plastics Profile Shape Manufacturing
<b>3259</b>	<b>Other Chemical Product and Preparation Manufacturing</b>	326122	Plastics Pipe and Pipe Fitting Manufacturing
<b>32591</b>	<b>Printing Ink Manufacturing</b>	<b>32613</b>	<b>Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing</b>
325910	Printing Ink Manufacturing	326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
<b>32592</b>	<b>Explosives Manufacturing</b>	<b>32614</b>	<b>Polystyrene Foam Product Manufacturing</b>
325920	Explosives Manufacturing	326140	Polystyrene Foam Product Manufacturing
<b>32599</b>	<b>All Other Chemical Product and Preparation Manufacturing</b>	<b>32615</b>	<b>Urethane and Other Foam Product (except Polystyrene) Manufacturing</b>
325991	Custom Compounding of Purchased Resins	326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
325992	Photographic Film, Paper, Plate, and Chemical Manufacturing	<b>32616</b>	<b>Plastics Bottle Manufacturing</b>
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing (except facilities primarily engaged in Aerosol can filling on a job order or contract Basis)	326160	Plastics Bottle Manufacturing

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<b>32619</b>	<b>Other Plastics Product Manufacturing</b>	<b>3272</b>	<b>Glass and Glass Product Manufacturing</b>
326191	Plastics Plumbing Fixture Manufacturing	<b>32721</b>	<b>Glass and Glass Product Manufacturing</b>
326199	All Other Plastics Product Manufacturing	327211	Flat Glass Manufacturing
<b>3262</b>	<b>Rubber Product Manufacturing</b>	327212	Other Pressed and Blown Glass and Glassware Manufacturing
<b>32621</b>	<b>Tire Manufacturing</b>	327213	Glass Container Manufacturing
326211	Tire Manufacturing (except Retreading)	327215	Glass Product Manufacturing Made of Purchased Glass
<b>32622</b>	<b>Rubber and Plastics Hoses and Belting Manufacturing</b>	<b>3273</b>	<b>Cement and Concrete Product Manufacturing</b>
326220	Rubber and Plastics Hoses and Belting Manufacturing	<b>32731</b>	<b>Cement Manufacturing</b>
<b>32629</b>	<b>Other Rubber Product Manufacturing</b>	327310	Cement Manufacturing
326291	Rubber Product Manufacturing for Mechanical Use	<b>32732</b>	<b>Ready-Mix Concrete Manufacturing</b>
326299	All Other Rubber Product Manufacturing	327320	Ready-Mix Concrete Manufacturing
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>32733</b>	<b>Concrete Pipe, Brick, and Block Manufacturing</b>
<b>3271</b>	<b>Clay Product and Refractory Manufacturing</b>	327331	Concrete Block and Brick Manufacturing
<b>32711</b>	<b>Pottery, Ceramics, and Plumbing Fixture Manufacturing</b>	327332	Concrete Pipe Manufacturing
327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing	<b>32739</b>	<b>Other Concrete Product Manufacturing</b>
<b>32712</b>	<b>Clay Building Material and Refractories Manufacturing</b>	327390	Other Concrete Product Manufacturing
327120	Clay Building Material and Refractories Manufacturing	<b>3274</b>	<b>Lime and Gypsum Product Manufacturing</b>
		<b>32741</b>	<b>Lime Manufacturing</b>
		327410	Lime Manufacturing
		<b>32742</b>	<b>Gypsum Product Manufacturing</b>
		327420	Gypsum Product Manufacturing



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<b>3279</b>	<b>Other Nonmetallic Mineral Product Manufacturing</b>	<b>3313</b>	<b>Alumina and Aluminum Production and Processing</b>
<b>32791</b>	<b>Abrasive Product Manufacturing</b>	<b>33131</b>	<b>Alumina and Aluminum Production and Processing</b>
327910	Abrasive Product Manufacturing	331313	Alumina Refining and Primary Aluminum Production
<b>32799</b>	<b>All Other Nonmetallic Mineral Product Manufacturing</b>	331314	Secondary Smelting and Alloying of Aluminum
327991	Cut Stone and Stone Product Manufacturing	331315	Aluminum Sheet, Plate, and Foil Manufacturing
327992	Ground or Treated Mineral and Earth Manufacturing	331318	Other Aluminum Rolling, Drawing, and Extruding
327993	Mineral Wool Manufacturing	<b>3314</b>	<b>Nonferrous Metal (except Aluminum) Production and Processing</b>
327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing	<b>33141</b>	<b>Nonferrous Metal (except Aluminum) Smelting and Refining</b>
<b>331</b>	<b>Primary Metal Manufacturing</b>	331410	Nonferrous Metal (except Aluminum) Smelting and Refining
<b>3311</b>	<b>Iron and Steel Mills and Ferroalloy Manufacturing</b>	<b>33142</b>	<b>Copper Rolling, Drawing, Extruding, and Alloying</b>
<b>33111</b>	<b>Iron and Steel Mills and Ferroalloy Manufacturing</b>	331420	Copper Rolling, Drawing, Extruding, and Alloying
331110	Iron and Steel Mills and Ferroalloy Manufacturing	<b>33149</b>	<b>Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, Extruding, and Alloying</b>
<b>3312</b>	<b>Steel Product Manufacturing from Purchased Steel</b>	331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding
<b>33121</b>	<b>Iron and Steel Pipe and Tube Manufacturing from Purchased Steel</b>	331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	<b>3315</b>	<b>Foundries</b>
<b>33122</b>	<b>Rolling and Drawing of Purchased Steel</b>	<b>33151</b>	<b>Ferrous Metal Foundries</b>
331221	Rolled Steel Shape Manufacturing	331511	Iron Foundries
331222	Steel Wire Drawing	331512	Steel Investment Foundries
		331513	Steel Foundries (except Investment)

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<b>33152</b>	<b>Nonferrous Metal Foundries</b>	<b>33232</b>	<b>Ornamental and Architectural Metal Products Manufacturing</b>
331523	Nonferrous Metal Die-Casting Foundries		
331524	Aluminum Foundries (except Die-Casting)	332321	Metal Window and Door Manufacturing
331529	Other Nonferrous Metal Foundries (except Die-Casting)	332322	Sheet Metal Work Manufacturing
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	332323	Ornamental and Architectural Metal Work Manufacturing
<b>3321</b>	<b>Forging and Stamping</b>	<b>3324</b>	<b>Boiler, Tank, and Shipping Container Manufacturing</b>
<b>33211</b>	<b>Forging and Stamping</b>	<b>33241</b>	<b>Power Boiler and Heat Exchanger Manufacturing</b>
332111	Iron and Steel Forging		
332112	Nonferrous Forging	332410	Power Boiler and Heat Exchanger Manufacturing
332114	Custom Roll Forming	<b>33242</b>	<b>Metal Tank (Heavy Gauge) Manufacturing</b>
332117	Powder Metallurgy Part Manufacturing		
332119	Metal Crown, Closure, and Other Metal Stamping (Except Automotive)	332420	Metal Tank (Heavy Gauge) Manufacturing
<b>3322</b>	<b>Cutlery and Handtool Manufacturing</b>	<b>33243</b>	<b>Metal Can, Box, and Other Metal Container (Light Gauge) Manufacturing</b>
<b>33221</b>	<b>Cutlery and Handtool Manufacturing</b>		
332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing	332431	Metal Can Manufacturing
332216	Saw Blade and Handtool Manufacturing	332439	Other Metal Container Manufacturing
<b>3323</b>	<b>Architectural and Structural Metals Manufacturing</b>	<b>3325</b>	<b>Hardware Manufacturing</b>
<b>33231</b>	<b>Plate Work and Fabricated Structural Product Manufacturing</b>	<b>33251</b>	<b>Hardware Manufacturing</b>
		332510	Hardware Manufacturing
332311	Prefabricated Metal Building and Component Manufacturing	<b>3326</b>	<b>Spring and Wire Product Manufacturing</b>
332312	Fabricated Structural Metal Manufacturing	<b>33261</b>	<b>Spring and Wire Product Manufacturing</b>
332313	Plate Work Manufacturing		
		332613	Spring Manufacturing
		332618	Other Fabricated Wire Product Manufacturing
		<b>3327</b>	<b>Machine Shops; Turned Product; and Screw, Nut and Bolt Manufacturing</b>
		<b>33271</b>	<b>Machine Shops</b>

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332710	Machine Shops	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
<b>33272</b>	<b>Turned Product and Screw, Nut and Bolt Manufacturing</b>	<b>333</b>	<b>Machinery Manufacturing</b>
332721	Precision Turned Product Manufacturing	<b>3331</b>	<b>Agriculture, Construction, and Mining Machinery Manufacturing</b>
332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing	<b>33311</b>	<b>Agricultural Implement Manufacturing</b>
<b>3328</b>	<b>Coating, Engraving, Heat Treating, and Allied Activities</b>	333111	Farm Machinery and Equipment Manufacturing
<b>33281</b>	<b>Coating, Engraving, Heat Treating, and Allied Activities</b>	333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
332811	Metal Heat Treating	<b>33312</b>	<b>Construction Machinery Manufacturing</b>
332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers	333120	Construction Machinery Manufacturing
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	<b>33313</b>	<b>Mining and Oil and Gas Field Machinery Manufacturing</b>
<b>3329</b>	<b>Other Fabricated Metal Product Manufacturing</b>	333131	Mining Machinery and Equipment Manufacturing
<b>33291</b>	<b>Metal Valve Manufacturing</b>	333132	Oil and Gas Field Machinery and Equipment Manufacturing
332911	Industrial Valve Manufacturing	<b>3332</b>	<b>Industrial Machinery Manufacturing</b>
332912	Fluid Power Valve and Hose Fitting Manufacturing	<b>33324</b>	<b>Industrial Machinery Manufacturing</b>
332913	Plumbing Fixture Fitting and Trim Manufacturing	333241	Food Product Machinery Manufacturing
332919	Other Metal Valve and Pipe Fitting Manufacturing	333242	Semiconductor Machinery Manufacturing
<b>33299</b>	<b>All Other Fabricated Metal Product Manufacturing</b>	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
332991	Ball and Roller Bearing Manufacturing	333244	Printing Machinery and Equipment Manufacturing
332992	Small Arms Ammunition Manufacturing	333249	Other Industrial Machinery Manufacturing
332993	Ammunition (except Small Arms) Manufacturing		
332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing		
332996	Fabricated Pipe and Pipe Fitting Manufacturing		

Table I. NAICS Codes

<b>3333</b>	<b>Commercial and Service Industry Machinery Manufacturing</b>	333519	Rolling Mill and Other Metalworking Machinery Manufacturing
<b>33331</b>	<b>Commercial and Service Industry Machinery Manufacturing</b>	<b>3336</b>	<b>Engine, Turbine, and Power Transmission Equipment Manufacturing</b>
333314	Optical Instrument and Lens Manufacturing	<b>33361</b>	<b>Engine, Turbine, and Power Transmission Equipment Manufacturing</b>
333316	Photographic and Photocopying Equipment Manufacturing	333611	Turbine and Turbine Generator Set Units Manufacturing
333318	Other Commercial and Service Industry Machinery Manufacturing	333612	Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing
<b>3334</b>	<b>Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration</b>	333613	Mechanical Power Transmission Equipment Manufacturing
<b>33341</b>	<b>Equipment Manufacturing Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing</b>	333618	Other Engine Equipment Manufacturing
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	<b>3339</b>	<b>Other General Purpose Machinery Manufacturing</b>
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing	<b>33391</b>	<b>Pump and Compressor Manufacturing</b>
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	333912	Air and Gas Compressor Manufacturing
<b>3335</b>	<b>Metalworking Machinery Manufacturing</b>	333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing
<b>33351</b>	<b>Metalworking Machinery Manufacturing</b>	<b>33392</b>	<b>Material Handling Equipment Manufacturing</b>
333511	Industrial Mold Manufacturing	333921	Elevator and Moving Stairway Manufacturing
333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing	333922	Conveyor and Conveying Equipment Manufacturing
333515	Cutting Tool and Machine Tool Accessory Manufacturing	333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
333517	Machine Tool Manufacturing	333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
		<b>33399</b>	<b>All Other General Purpose Machinery Manufacturing</b>
		333991	Power-Driven Handtool Manufacturing
		333992	Welding and Soldering Equipment Manufacturing
		333993	Packaging Machinery Manufacturing

Table I. NAICS Codes

333994	Industrial Process Furnace and Oven Manufacturing	<b>33431</b>	<b>Audio and Video Equipment Manufacturing</b>
333995	Fluid Power Cylinder and Actuator Manufacturing	334310	Audio and Video Equipment Manufacturing
333996	Fluid Power Pump and Motor Manufacturing	<b>3344</b>	<b>Semiconductor and Other Electronic Component Manufacturing</b>
333997	Scale and Balance Manufacturing	<b>33441</b>	<b>Semiconductor and Other Electronic Component Manufacturing</b>
333999	All Other Miscellaneous General Purpose Machinery Manufacturing		
<b>334</b>	<b>Computer and Electronic Product Manufacturing</b>		
<b>3341</b>	<b>Computer and Peripheral Equipment Manufacturing</b>	334412	Bare Printed Circuit Board Manufacturing
<b>33411</b>	<b>Computer and Peripheral Equipment Manufacturing</b>	334413	Semiconductor and Related Device Manufacturing
334111	Electronic Computer Manufacturing	334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
334112	Computer Storage Device Manufacturing	334417	Electronic Connector Manufacturing
334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing	334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
<b>3342</b>	<b>Communications Equipment Manufacturing</b>	334419	Other Electronic Component Manufacturing
<b>33421</b>	<b>Telephone Apparatus Manufacturing</b>	<b>3345</b>	<b>Navigational, Measuring, Electromedical, and Control Instruments Manufacturing</b>
334210	Telephone Apparatus Manufacturing	<b>33451</b>	<b>Navigational, Measuring, Electromedical, and Control Instruments Manufacturing</b>
<b>33422</b>	<b>Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing</b>	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
<b>33429</b>	<b>Other Communications Equipment Manufacturing</b>	334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
334290	Other Communications Equipment Manufacturing	334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
<b>3343</b>	<b>Audio and Video Equipment Manufacturing</b>	334514	Totalizing Fluid Meter and Counting Device Manufacturing

Table I. NAICS Codes

334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	<b>33521</b>	<b>Small Electrical Appliance Manufacturing</b>
334516	Analytical Laboratory Instrument Manufacturing	335210	Small Electrical Appliance Manufacturing
334517	Irradiation Apparatus Manufacturing	<b>33522</b>	<b>Major Appliance Manufacturing</b>
334519	Other Measuring and Controlling Device Manufacturing	335220	Major Household Appliance Manufacturing
<b>3346</b>	<b>Manufacturing and Reproducing Magnetic and Optical Media</b>	<b>3353</b>	<b>Electrical Equipment Manufacturing</b>
<b>33461</b>	<b>Manufacturing and Reproducing Magnetic and Optical Media</b>	<b>33531</b>	<b>Electrical Equipment Manufacturing</b>
334613	Blank Magnetic and Optical Recording Media Manufacturing	335311	Power, Distribution, and Specialty Transformer Manufacturing
334614	Software and Other Prerecorded Compact Disc, Tape and Record Reproducing (except facilities primarily engaged in mass reproducing pre-recorded Video Cassettes, and mass reproducing Video tape or disk)	335312	Motor and Generator Manufacturing (except facilities primarily engaged in armature rewinding on a factory basis)
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>	335313	Switchgear and Switchboard Apparatus Manufacturing
<b>3351</b>	<b>Electric Lighting Equipment Manufacturing</b>	335314	Relay and Industrial Control Manufacturing
<b>33511</b>	<b>Electric Lamp Bulb and Part Manufacturing</b>	<b>3359</b>	<b>Other Electrical Equipment and Component Manufacturing</b>
335110	Electric Lamp Bulb and Part Manufacturing	<b>33591</b>	<b>Battery Manufacturing</b>
<b>33512</b>	<b>Lighting Fixture Manufacturing</b>	335911	Storage Battery Manufacturing
335121	Residential Electric Lighting Fixture Manufacturing	335912	Primary Battery Manufacturing
335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing	<b>33592</b>	<b>Communication and Energy Wire and Cable Manufacturing</b>
335129	Other Lighting Equipment Manufacturing	335921	Fiber Optic Cable Manufacturing
<b>3352</b>	<b>Household Appliance Manufacturing</b>	335929	Other Communication and Energy Wire Manufacturing
		<b>33593</b>	<b>Wiring Device Manufacturing</b>
		335931	Current-Carrying Wiring Device Manufacturing
		335932	Noncurrent-Carrying Wiring Device Manufacturing



Table I. NAICS Codes

<b>33599</b>	<b>All Other Electrical Equipment and Component Manufacturing</b>	<b>33632</b>	<b>Motor Vehicle Electrical and Electronic Equipment Manufacturing</b>
335991	Carbon and Graphite Product Manufacturing	336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing	<b>33633</b>	<b>Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing</b>
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	336330	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
<b>3361</b>	<b>Motor Vehicle Manufacturing</b>	<b>33634</b>	<b>Motor Vehicle Brake System Manufacturing</b>
<b>33611</b>	<b>Automobile and Light Duty Motor Vehicle Manufacturing</b>	336340	Motor Vehicle Brake System Manufacturing
336111	Automobile Manufacturing	<b>33635</b>	<b>Motor Vehicle Transmission and Power Train Parts Manufacturing</b>
336112	Light Truck and Utility Vehicle Manufacturing	336350	Motor Vehicle Transmission and Power Train Parts Manufacturing
<b>33612</b>	<b>Heavy Duty Truck Manufacturing</b>	<b>33636</b>	<b>Motor Vehicle Seating and Interior Trim Manufacturing</b>
336120	Heavy Duty Truck Manufacturing	336360	Motor Vehicle Seating and Interior Trim Manufacturing
<b>3362</b>	<b>Motor Vehicle Body and Trailer Manufacturing</b>	<b>33637</b>	<b>Motor Vehicle Metal Stamping</b>
<b>33621</b>	<b>Motor Vehicle Body and Trailer Manufacturing</b>	336370	Motor Vehicle Metal Stamping
336211	Motor Vehicle Body Manufacturing	<b>33639</b>	<b>Other Motor Vehicle Parts Manufacturing</b>
336212	Truck Trailer Manufacturing	336390	Motor Vehicle Parts Manufacturing
336213	Motor Home Manufacturing	<b>3364</b>	<b>Aerospace Product and Parts Manufacturing</b>
336214	Travel Trailer and Camper Manufacturing	<b>33641</b>	<b>Aerospace Product and Parts Manufacturing</b>
<b>3363</b>	<b>Motor Vehicle Parts Manufacturing</b>	336411	Aircraft Manufacturing
<b>33631</b>	<b>Motor Vehicle Gasoline Engine and Engine Parts Manufacturing</b>		
336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing		

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336412	Aircraft Engine and Engine Parts Manufacturing	337110	Wood Kitchen Cabinet and Countertop Manufacturing (except facilities primarily engaged in the retail sale of household furniture and that manufacture custom wood kitchen cabinets and counter tops)
336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing		
336414	Guided Missile and Space Vehicle Manufacturing	<b>33712 Household and Institutional Furniture Manufacturing</b>	
336415	Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing	337121	Upholstered Household Furniture Manufacturing (except facilities primarily engaged in the retail sale of household furniture and that manufacture custom made upholstered household furniture)
336419	Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing	337122	Nonupholstered Wood Household Furniture Manufacturing (except facilities primarily engaged in the retail sale of household furniture and that manufacture nonupholstered, household type, custom wood furniture)
<b>3365 Railroad Rolling Stock Manufacturing</b>		337124	Metal Household Furniture Manufacturing
<b>33651 Railroad Rolling Stock Manufacturing</b>		337125	Household Furniture (except Wood and Metal) Manufacturing
336510	Railroad Rolling Stock Manufacturing	337127	Institutional Furniture Manufacturing
<b>3366 Ship and Boat Building</b>		<b>3372 Office Furniture (including Fixtures) Manufacturing</b>	
<b>33661 Ship and Boat Building</b>		<b>33721 Office Furniture (including Fixtures) Manufacturing</b>	
336611	Ship Building and Repairing	337211	Wood Office Furniture Manufacturing
336612	Boat Building	337212	Custom Architectural Woodwork and Millwork Manufacturing
<b>3369 Other Transportation Equipment Manufacturing</b>		337214	Office Furniture (except Wood) Manufacturing
<b>33699 Other Transportation Equipment Manufacturing</b>		337215	Showcase, Partition, Shelving, and Locker Manufacturing
336991	Motorcycle, Bicycle, and Parts Manufacturing	<b>3379 Other Furniture Related Product Manufacturing</b>	
336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing	<b>33791 Mattress Manufacturing</b>	
336999	All Other Transportation Equipment Manufacturing	337910	Mattress Manufacturing
<b>337 Furniture and Related Product Manufacturing</b>		<b>33792 Blind and Shade Manufacturing</b>	
<b>3371 Household and Institutional Furniture and Kitchen Cabinet Manufacturing</b>		337920	Blind and Shade Manufacturing
<b>33711 Wood Kitchen Cabinet and Countertop Manufacturing</b>			



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<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>33994</b>	<b>Office Supplies (except Paper) Manufacturing</b>
<b>3391</b>	<b>Medical Equipment and Supplies Manufacturing</b>	339940	Office Supplies (except Paper) Manufacturing
<b>33911</b>	<b>Medical Equipment and Supplies Manufacturing</b>	339942	Lead Pencil and Art Good Manufacturing
339112	Surgical and Medical Instrument Manufacturing	339943	Marking Device Manufacturing
339113	Surgical Appliance and Supplies Manufacturing (except facilities primarily engaged in manufacturing orthopedic devices to prescription in a retail environment )	339944	Carbon Paper and Inked Ribbon Manufacturing
339114	Dental Equipment and Supplies Manufacturing	<b>33995</b>	<b>Sign Manufacturing</b>
339115	Ophthalmic Goods Manufacturing (except lens grinding facilities that are primarily engaged in the retail sale of eyeglasses and contact lenses to prescription for individuals)	339950	Sign Manufacturing
<b>3399</b>	<b>Other Miscellaneous Manufacturing</b>	<b>33999</b>	<b>All Other Miscellaneous Manufacturing</b>
<b>33991</b>	<b>Jewelry and Silverware Manufacturing</b>	339991	Gasket, Packing, and Sealing Device Manufacturing
339910	Jewelry and Silverware Manufacturing	339992	Musical Instrument Manufacturing
339912	Silverware and Hollowware Manufacturing	339993	Fastener, Button, Needle, and Pin Manufacturing
339913	Jewelers' Material and Lapidary Work Manufacturing	339994	Broom, Brush, and Mop Manufacturing
339914	Costume Jewelry and Novelty Manufacturing	339995	Burial Casket Manufacturing
<b>33992</b>	<b>Sporting and Athletic Goods Manufacturing</b>	339999	All Other Miscellaneous Manufacturing
339920	Sporting and Athletic Goods Manufacturing	113310	<b>Logging</b>
<b>33993</b>	<b>Doll, Toy, and Game Manufacturing</b>	111998	<b>All Other Miscellaneous Crop Farming</b> (Limited to facilities primarily engaged in reducing maple sap to maple syrup)
339930	Doll Toy, and Game Manufacturing	211130	<b>Natural Gas Extraction</b> (limited to facilities that recover sulfur from natural gas)
339932	Game, Toy, and Children's Vehicle Manufacturing	212324	<b>Kaolin and Ball Clay Mining</b> (limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating kaolin and clay)
		212325	<b>Clay and Ceramic and Refractory Minerals Mining</b> (limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating clay and ceramic and refractory minerals)
		212393	<b>Other Chemical and Fertilizer Mineral Mining</b> (limited to facilities operating without a mine or quarry that are primarily engaged in beneficiating chemical or fertilizer mineral raw materials)

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212399	<b>All Other Nonmetallic Mineral Mining</b> (limited to facilities operating without a mine or quarry that are primarily engaged in beneficiating nonmetallic minerals)	541715	<b>Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)</b> (limited to facilities that are primarily engaged in Guided missile and space vehicle engine research and development, and in Guided missile and space vehicle parts (except engines) research and development)
488390	<b>Other Support Activities for Water Transportation</b> (limited to facilities that are primarily engaged in providing routine repair and maintenance of ships and boats from floating drydocks)	811490	<b>Other Personal and Household Goods Repair and Maintenance (limited to facilities that are primarily engaged in repairing and servicing pleasure and sail boats without retailing new boats (previously classified under SIC 3732, Boat Building and Repairing (pleasure boat building))</b>
511110	<b>Newspaper Publishers</b>		
511120	<b>Periodical Publishers</b>		
511130	<b>Book Publishers</b>		
511140	<b>Directory and Mailing List Publishers</b> (except Facilities that are primarily engaged in furnishing services for direct mail advertising including address list compilers, address list publishers, address list publishers and printing combined, address list publishing, business directory publishers, catalog of collections publishers, catalog of collections publishers and printing combined, mailing list compilers, directory compilers, and mailing list compiling services)		
511191	<b>Greeting Card Publishers</b>		
511199	<b>All Other Publishers</b>		
512250	<b>Record Production and Distribution</b>		
512230	<b>Music Publishers</b> (except facilities primarily Engaged in Music copyright authorizing use, Music copyright buying and licensing, and Music publishers working on their own account)		
519130	<b>Internet Publishing and Broadcasting and Web Search portals</b> (limited to facilities primarily engaged in Internet newspaper publishing, Internet periodical publishing, internet book publishing, Miscellaneous Internet publishing, Internet greeting card publishers except web search portals)		
541713	<b>Research and Development in Nanotechnology</b>		

**1.2 NAICS codes that correspond to SIC codes other than 20 through 39:**

<b>212</b>	<b>Mining (except Oil and Gas)</b>
<b>2121</b>	<b>Coal Mining</b>
212111	Bituminous Coal and Lignite Surface Mining
212112	Bituminous Coal Underground Mining
212113	Anthracite Mining
<b>2122</b>	<b>Metal Ore Mining</b>
212221	Gold Ore Mining
212222	Silver Ore Mining
212230	Copper, Nickel, Lead, and Zinc Mining
212299	All Other Metal Ore Mining
<b>221</b>	<b>Utilities</b>
<b>22111</b>	<b>Electric Power Generation (limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce)</b>
221111	Hydroelectric Power Generation
221112	Fossil Fuel Electric Power Generation
221113	Nuclear Electric Power Generation
221118	Other Electric Power Generation
221121	Electric Bulk Power Transmission and Control
221122	Electric Power Distribution
221330	<b>Steam and Air Conditioning Supply</b> Limited to facilities engaged in providing combinations of electric, gas and other services, not elsewhere classified (NEC) (previously classified under SIC 4939, Combination Utility Services Not Elsewhere Classified.)
424690	<b>Other Chemical and Allied Products Merchant Wholesalers</b>
424710	<b>Petroleum Bulk Stations and Terminals</b>

*Table I. NAICS Codes*

425110	<b>Business to Business Electronic Markets</b> (limited to facilities previously classified in 5169, Chemicals and Allied Products, NEC)
425120	<b>Wholesale Trade Agents and Brokers</b> (limited to facilities previously classified in 5169, Chemicals and Allied Products, NEC)
562112	<b>Hazardous Waste Collection</b> (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis)
562211	<b>Hazardous Waste Treatment and Disposal</b> (limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921, <i>et seq.</i> )
562212	<b>Solid Waste Landfill</b> (limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921, <i>et seq.</i> )
562213	<b>Solid Waste Combustors and Incinerators</b> (Limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921 <i>et seq.</i> )
562219	<b>Other Nonhazardous Waste Treatment and Disposal</b> (Limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921 <i>et seq.</i> )
562920	<b>Materials Recovery Facilities</b> (Limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921 <i>et seq.</i> )

## Table II. EPCRA Section 313 Chemical List For Reporting Year 2018 (including Toxic Chemical Categories)

Individually listed EPCRA section 313 chemicals with CAS numbers are arranged alphabetically starting on page II-3. Following the alphabetical list, the EPCRA section 313 chemicals are arranged in CAS number order. Covered chemical categories follow. Note that EPA has added a new nonlyphenol ethoxylates (NPEs) category that will be reportable for RY 2019 (for the July 1, 2020 reporting deadline) (for more details see: <https://www.epa.gov/toxics-release-inventory-tri-program/addition-npes-category-tri-list-final-rule>). As such, facilities should begin tracking and collecting data on the members of the NPEs category in 2019.

**Note:** Chemicals may be added to or deleted from the list. The Emergency Planning and Community Right-to-Know Call Center or the TRI-Listed Chemicals website will provide up-to-date information on the status of these changes. See section B.3.c of the instructions for more information on the *de minimis* % limits listed below. There are no *de minimis* levels for PBT chemicals since the *de minimis* exemption is not available for these chemicals (an asterisk appears where a *de minimis* limit would otherwise appear in Table II). However, for purposes of the supplier notification requirement only, such limits are provided in Appendix C.

### Chemical Qualifiers

Certain EPCRA section 313 chemicals listed in Table II have parenthetical “qualifiers.” These qualifiers indicate that these EPCRA section 313 chemicals are subject to the section 313 reporting requirements if manufactured, processed, or otherwise used in a specific form or when a certain activity is performed. An EPCRA section 313 chemical that is listed without a qualifier is subject to reporting in all forms in which it is manufactured, processed, and otherwise used. The following chemicals are reportable only if they are manufactured, processed, or otherwise used in the specific form(s) listed below:

Chemical/ Chemical Category	CAS Number	Qualifier
<b>Aluminum</b> (fume or dust)	7429-90-5	<b>Only</b> if it is a fume or dust form.
<b>Aluminum oxide</b> (fibrous forms)	1344-28-1	<b>Only</b> if it is a fibrous form.
<b>Ammonia</b> (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7664-41-7	<b>Only</b> 10% of aqueous forms. 100% of anhydrous forms.
<b>Asbestos</b> (friable)	1332-21-4	<b>Only</b> if it is a friable form.
<b>Hydrochloric acid</b> (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7647-01-0	<b>Only</b> if it is an aerosol form as defined.
<b>Nitrate compounds</b> (water dissociable; reportable only when in aqueous solution)	NA	<b>Only</b> if in aqueous solution.
<b>Phosphorus</b> (yellow or white)	7723-14-0	<b>Only</b> if it is a yellow or white form.
<b>Sulfuric acid</b> (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7664-93-9	<b>Only</b> if it is an aerosol form as defined.
<b>Vanadium</b> (except when contained in an alloy)	7440-62-2	<b>Except</b> if it is contained in an alloy.
<b>Zinc</b> (fume or dust)	7440-66-6	<b>Only</b> if it is in a fume or dust form.

The qualifier for the following three chemicals is based on the chemical activity rather than the form of the chemical. These chemicals are subject to EPCRA section 313 reporting requirements only when the indicated activity is performed.

Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

Chemical/ Chemical Category	CAS Number	Qualifier
<b>Dioxin and dioxin-like compounds</b> (manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacture of that chemical.)	NA	<b>Only</b> if they are manufactured at the facility; or are processed or otherwise used when present as contaminants in a chemical but only if they were created during the manufacture of that chemical.
<b>Isopropyl alcohol</b> (only persons who manufacture by the strong acid process are subject, no supplier notification)	67-63-0	<b>Only</b> if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are <u>not</u> covered and should <u>not</u> file a report.
<b>Saccharin</b> (only persons who manufacture are subject, no supplier notification)	81-07-2	<b>Only</b> if it is being manufactured.

### Supplier Notification Implications

There are no supplier notification requirements for isopropyl alcohol and saccharin since the processors and users of these chemicals are not required to report. Manufacturers of these chemicals do not need to notify their customers that these are reportable EPCRA section 313 chemicals.

### Qualifier Definitions

**Fume or dust.** Two of the metals on the list (aluminum and zinc) contain the qualifier “fume or dust.” Fume or dust refers to dry forms of these metals but does not refer to “wet” forms such as solutions or slurries. As explained in Section B.3.a of these instructions, the term manufacture includes the generation of an EPCRA section 313 chemical as a byproduct or impurity. In such cases, a facility should determine if, for example, it generated more than 25,000 pounds of aluminum fume or dust in the reporting year as a result of its activities. If so, the facility must report that it manufactures “aluminum (fume or dust).” Similarly, there may be certain technologies in which one of these metals is processed in the form of a fume or dust to make other EPCRA section 313 chemicals or other products for distribution in commerce. In reporting releases, the facility would only report releases of the fume or dust.

EPA considers dusts to consist of solid particles generated by any mechanical processing of materials including crushing, grinding, rapid impact, handling, detonation, and decrepitation of organic and inorganic materials such as rock, ore, and metal. Dusts do not tend to flocculate, except under electrostatic forces.

EPA considers a fume to be an airborne dispersion consisting of small solid particles created by

condensation from a gaseous state, in distinction to a gas or vapor. Fumes arise from the heating of solids such as lead. The condensation is often accompanied by a chemical reaction, such as oxidation. Fumes flocculate and sometimes coalesce.

**Manufacturing qualifiers.** Two of the entries in the EPCRA section 313 chemical list contain a qualifier relating to manufacture. For isopropyl alcohol, the qualifier is “only persons who manufacture by the strong acid process are subject, no supplier notification.” For saccharin, the qualifier is “only persons who manufacture are subject, no supplier notification.” For isopropyl alcohol, the qualifier means that only facilities manufacturing isopropyl alcohol by the strong acid process are required to report. In the case of saccharin, only manufacturers of the EPCRA section 313 chemical are subject to the reporting requirements. A facility that only processes or otherwise uses either of these EPCRA section 313 chemicals is not required to report for these EPCRA section 313 chemicals. In both cases, supplier notification does not apply because only manufacturers, not users, of these two EPCRA section 313 chemicals must report.

**Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing).** The qualifier for ammonia means that anhydrous forms of ammonia are 100% reportable and aqueous forms are limited to 10% of total aqueous ammonia. Therefore when determining threshold and releases and other waste management quantities all anhydrous ammonia is included but only 10% of total aqueous ammonia is included. Any evaporation of ammonia from aqueous ammonia solutions is considered anhydrous ammonia and should be

included in threshold determinations and release and other waste management calculations.

**Sulfuric acid and Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size).** The qualifier for sulfuric acid and hydrochloric acid means that the only forms of these chemicals that are reportable are airborne forms. Aqueous solutions are not covered by this listing but any aerosols generated from aqueous solutions are covered.

**Nitrate compounds (water dissociable; reportable only when in aqueous solution).** The qualifier for the nitrate compounds category limits the reporting to nitrate compounds that dissociate in water, generating nitrate ion. For the purposes of threshold determinations the entire weight of the nitrate compound must be included in all calculations. For the purposes of reporting releases and other waste management quantities only the weight of the nitrate ion should be included in the calculations of these quantities.

**Phosphorus (yellow or white).** The listing for phosphorus is qualified by the term “yellow or white.” This means that only manufacturing, processing, or otherwise use of phosphorus in the yellow or white chemical form triggers reporting. Conversely, manufacturing, processing, or otherwise use of “black” or “red” phosphorus does not trigger reporting. Supplier notification also applies only to distribution of yellow or white phosphorus.

**Asbestos (friable).** The listing for asbestos is qualified by the term “friable,” referring to the physical characteristic of being able to be crumbled, pulverized, or reducible to a powder with hand pressure. Only manufacturing, processing, or otherwise use of asbestos in the friable form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing friable asbestos.

**Aluminum Oxide (fibrous forms).** The listing for aluminum oxide is qualified by the term “fibrous forms.” Fibrous refers to a man-made form of aluminum oxide that is processed to produce strands or filaments which can be cut to various lengths depending on the application. Only manufacturing, processing, or otherwise use of aluminum oxide in the fibrous form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing fibrous forms of aluminum oxide.



Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

**Notes for Sections A and B of following list of TRI chemicals:**

“Color Index” indicated by “C.I.”

\* There are no *de minimis* levels for PBT chemicals, except for supplier notification purposes (see Appendix C).

**a. Individually-Listed Toxic Chemicals Arranged Alphabetically**

CAS Number	Chemical Name	De minimis % Limit
71751-41-2	Abamectin [Avermectin B1]	1.0
30560-19-1	Acephate (Acetylphosphoramidothioic acid O,S-dimethyl ester)	1.0
75-07-0	Acetaldehyde	0.1
60-35-5	Acetamide	0.1
75-05-8	Acetonitrile	1.0
98-86-2	Acetophenone	1.0
53-96-3	2-Acetylaminofluorene	0.1
62476-59-9	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
107-02-8	Acrolein	1.0
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1.0
107-13-1	Acrylonitrile	0.1
15972-60-8	Alachlor	1.0
116-06-3	Aldicarb	1.0
309-00-2	Aldrin [1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1 $\alpha$ ,4 $\alpha$ ,4a $\beta$ ,5 $\alpha$ ,8 $\alpha$ ,8a $\beta$ )-]	*
28057-48-9	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethrine]	1.0
107-18-6	Allyl alcohol	1.0
107-11-9	Allylamine	1.0
107-05-1	Allyl chloride	1.0
7429-90-5	Aluminum (fume or dust)	1.0
20859-73-8	Aluminum phosphide	1.0
1344-28-1	Aluminum oxide (fibrous forms)	1.0
834-12-8	Ametryn (N-Ethyl-N'-(1-methylethyl)-6-	1.0

CAS Number	Chemical Name	De minimis % Limit
	(methylthio)-1,3,5-triazine-2,4-diamine)	
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1
82-28-0	1-Amino-2-methylantraquinone	0.1
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1
33089-61-1	Amitraz	1.0
61-82-5	Amitrole	0.1
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1.0
101-05-3	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
62-53-3	Aniline	1.0
90-04-0	o-Anisidine	0.1
104-94-9	p-Anisidine	1.0
134-29-2	o-Anisidine hydrochloride	0.1
120-12-7	Anthracene	1.0
7440-36-0	Antimony	1.0
7440-38-2	Arsenic	0.1
1332-21-4	Asbestos (friable)	0.1
1912-24-9	Atrazine (6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	1.0
7440-39-3	Barium	1.0
22781-23-3	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
1861-40-1	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine)	1.0
17804-35-2	Benomyl	1.0
98-87-3	Benzal chloride	1.0
55-21-0	Benzamide	1.0
71-43-2	Benzene	0.1
92-87-5	Benzidine	0.1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1



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CAS Number	Chemical Name	De minimis % Limit
191-24-2	Benzo(g,h,i)perylene	*
98-88-4	Benzoyl chloride	1.0
94-36-0	Benzoyl peroxide	1.0
100-44-7	Benzyl chloride	1.0
7440-41-7	Beryllium	0.1
82657-04-3	Bifenthrin	1.0
92-52-4	Biphenyl	1.0
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	0.1
111-91-1	Bis(2-chloroethoxy)methane	1.0
111-44-4	Bis(2-chloroethyl)ether	1.0
542-88-1	Bis(chloromethyl)ether	0.1
108-60-1	Bis(2-chloro-1-methylethyl)ether	1.0
56-35-9	Bis(tributyltin)oxide	1.0
10294-34-5	Boron trichloride	1.0
7637-07-2	Boron trifluoride	1.0
314-40-9	Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione)	1.0
53404-19-6	Bromacil, lithium salt [2,4(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt]	1.0
7726-95-6	Bromine	1.0
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1.0
75-25-2	Bromoform (Tribromomethane)	1.0
74-83-9	Bromomethane (Methyl bromide)	1.0
106-94-5	1-Bromopropane	0.1
75-63-8	Bromotrifluoromethane (Halon 1301)	1.0
1689-84-5	Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)	1.0
1689-99-2	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenylester)	1.0
357-57-3	Brucine	1.0
106-99-0	1,3-Butadiene	0.1

CAS Number	Chemical Name	De minimis % Limit
141-32-2	Butyl acrylate	1.0
71-36-3	n-Butyl alcohol	1.0
78-92-2	sec-Butyl alcohol	1.0
75-65-0	tert-Butyl alcohol	1.0
106-88-7	1,2-Butylene oxide	0.1
123-72-8	Butyraldehyde	1.0
7440-43-9	Cadmium	0.1
156-62-7	Calcium cyanamide	1.0
133-06-2	Captan [1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]	1.0
63-25-2	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0
1563-66-2	Carbofuran	1.0
75-15-0	Carbon disulfide	1.0
56-23-5	Carbon tetrachloride	0.1
463-58-1	Carbonyl sulfide	1.0
5234-68-4	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0
120-80-9	Catechol	0.1
2439-01-2	Chinomethionat [6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	1.0
133-90-4	Chloramben [Benzoic acid, 3-amino-2,5-dichloro-]	1.0
57-74-9	Chlordane [4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	*
115-28-6	Chlorendic acid	0.1
90982-32-4	Chlorimuron ethyl [Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate]	1.0
7782-50-5	Chlorine	1.0
10049-04-4	Chlorine dioxide	1.0
79-11-8	Chloroacetic acid	1.0
532-27-4	2-Chloroacetophenone	1.0
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0
106-47-8	p-Chloroaniline	0.1
108-90-7	Chlorobenzene	1.0
510-15-6	Chlorobenzilate [Benzeneacetic acid, 4-chloro- $\alpha$ -(4-chlorophenyl)-	1.0

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CAS Number	Chemical Name	De minimis % Limit
	$\alpha$ -hydroxy-, ethyl ester]	
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
75-45-6	Chlorodifluoromethane (HCFC-22)	1.0
75-00-3	Chloroethane (Ethyl chloride)	1.0
67-66-3	Chloroform	0.1
74-87-3	Chloromethane (Methyl chloride)	1.0
107-30-2	Chloromethyl methyl ether	0.1
563-47-3	3-Chloro-2-methyl-1-propene	0.1
104-12-1	p-Chlorophenyl isocyanate	1.0
76-06-2	Chloropicrin	1.0
126-99-8	Chloroprene	0.1
542-76-7	3-Chloropropionitrile	1.0
63938-10-3	Chlorotetrafluoroethane	1.0
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0
1897-45-6	Chlorothalonil [1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]	0.1
95-69-2	p-Chloro-o-toluidine	0.1
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0
75-72-9	Chlorotrifluoromethane (CFC-13)	1.0
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0
5598-13-0	Chlorpyrifos methyl [O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate]	1.0
64902-72-3	Chlorsulfuron [2-Chloro-N-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide]	1.0
7440-47-3	Chromium	1.0
4680-78-8	C.I. Acid Green 3	1.0
6459-94-5	C.I. Acid Red 114	0.1

CAS Number	Chemical Name	De minimis % Limit
569-64-2	C.I. Basic Green 4	1.0
989-38-8	C.I. Basic Red 1	1.0
1937-37-7	C.I. Direct Black 38	0.1
2602-46-2	C.I. Direct Blue 6	0.1
28407-37-6	C.I. Direct Blue 218	1.0
16071-86-6	C.I. Direct Brown 95	0.1
2832-40-8	C.I. Disperse Yellow 3	1.0
3761-53-3	C.I. Food Red 5	0.1
81-88-9	C.I. Food Red 15	1.0
3118-97-6	C.I. Solvent Orange 7	1.0
97-56-3	C.I. Solvent Yellow 3	0.1
842-07-9	C.I. Solvent Yellow 14	1.0
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1
128-66-5	C.I. Vat Yellow 4	1.0
7440-48-4	Cobalt	0.1
7440-50-8	Copper	1.0
8001-58-9	Creosote	0.1
120-71-8	p-Cresidine	0.1
108-39-4	m-Cresol	1.0
95-48-7	o-Cresol	1.0
106-44-5	p-Cresol	1.0
1319-77-3	Cresol (mixed isomers)	1.0
4170-30-3	Crotonaldehyde	1.0
98-82-8	Cumene	0.1
80-15-9	Cumene hydroperoxide	1.0
135-20-6	Cupferron [Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]	0.1
21725-46-2	Cyanazine	1.0
1134-23-2	Cycloate	1.0
110-82-7	Cyclohexane	1.0
108-93-0	Cyclohexanol	1.0
68359-37-5	Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl)methyl ester]	1.0
68085-85-8	Cyhalothrin [3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
94-75-7	2,4-D [Acetic acid, (2,4-dichlorophenoxy)-]	0.1

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CAS Number	Chemical Name	De minimis % Limit
533-74-4	Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)	1.0
53404-60-7	Dazomet, sodium salt [Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium]	1.0
94-82-6	2,4-DB	1.0
1929-73-3	2,4-D butoxyethyl ester	0.1
94-80-4	2,4-D butyl ester	0.1
2971-38-2	2,4-D chlorocrotyl ester	0.1
1163-19-5	Decabromodiphenyl oxide	1.0
13684-56-5	Desmedipham	1.0
1928-43-4	2,4-D 2-ethylhexyl ester	0.1
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
2303-16-4	Diallate [Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl)ester]	1.0
615-05-4	2,4-Diaminoanisole	0.1
39156-41-7	2,4-Diaminoanisole sulfate	0.1
101-80-4	4,4'-Diaminodiphenyl ether	0.1
95-80-7	2,4-Diaminotoluene	0.1
25376-45-8	Diaminotoluene (mixed isomers)	0.1
333-41-5	Diazinon	0.1
334-88-3	Diazomethane	1.0
132-64-9	Dibenzofuran	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.1
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0
84-74-2	Dibutyl phthalate	1.0
1918-00-9	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
99-30-9	Dichloran [2,6-Dichloro-4-nitroaniline]	1.0
95-50-1	1,2-Dichlorobenzene	1.0
541-73-1	1,3-Dichlorobenzene	1.0
106-46-7	1,4-Dichlorobenzene	0.1
25321-22-6	Dichlorobenzene (mixed isomers)	0.1
91-94-1	3,3'-Dichlorobenzidine	0.1
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1
64969-34-2	3,3'-Dichlorobenzidine	0.1

CAS Number	Chemical Name	De minimis % Limit
	sulfate	
75-27-4	Dichlorobromomethane	0.1
764-41-0	1,4-Dichloro-2-butene	1.0
110-57-6	trans-1,4-Dichloro-2-butene	1.0
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0
75-71-8	Dichlorodifluoromethane (CFC-12)	1.0
107-06-2	1,2-Dichloroethane (Ethylene dichloride)	0.1
540-59-0	1,2-Dichloroethylene	1.0
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
75-43-4	Dichlorofluoromethane (HCFC-21)	1.0
75-09-2	Dichloromethane (Methylene chloride)	0.1
127564-92-5	Dichloropentafluoropropane	1.0
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
422-48-0	2,3-dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0
97-23-4	Dichlorophene [2,2'-	1.0

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CAS Number	Chemical Name	De minimis % Limit
	Methylenebis(4-chlorophenol)]	
120-83-2	2,4-Dichlorophenol	1.0
78-87-5	1,2-Dichloropropane	0.1
10061-02-6	trans-1,3-Dichloropropene	0.1
78-88-6	2,3-Dichloropropene	1.0
542-75-6	1,3-Dichloropropylene	0.1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0
34077-87-7	Dichlorotrifluoroethane	1.0
90454-18-5	Dichloro-1,1,2-trifluoroethane	1.0
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0
62-73-7	Dichlorvos [Phosphoric acid, 2,2-dichloroethenyl dimethyl ester]	0.1
51338-27-3	Diclofop methyl [2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid, methyl ester]	1.0
115-32-2	Dicofol [Benzenemethanol, 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -(trichloromethyl)-]	1.0
77-73-6	Dicyclopentadiene	1.0
1464-53-5	Diepoxybutane	0.1
111-42-2	Diethanolamine	1.0
38727-55-8	Diethyl ethyl	1.0
117-81-7	Di(2-ethylhexyl)phthalate (DEHP)	0.1
64-67-5	Diethyl sulfate	0.1
35367-38-5	Diflubenzuron	1.0
101-90-6	Diglycidyl resorcinol ether	0.1
94-58-6	Dihydrosafrole	0.1
55290-64-7	Dimethipin [2,3-Dihydro-5,6-dimethyl-1,4-dithiin-1,1,4,4-tetraoxide]	1.0
60-51-5	Dimethoate	1.0
119-90-4	3,3'-Dimethoxybenzidine	0.1
20325-40-0	3,3'-Dimethoxybenzidine	0.1

CAS Number	Chemical Name	De minimis % Limit
	dihydrochloride (o-Dianisidine dihydrochloride)	
111984-09-9	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
124-40-3	Dimethylamine	1.0
2300-66-5	Dimethylamine dicamba	1.0
60-11-7	4-Dimethylaminoazobenzene	0.1
121-69-7	N,N-Dimethylaniline	1.0
119-93-7	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)	0.1
79-44-7	Dimethylcarbaryl chloride	0.1
2524-03-0	Dimethyl chlorothiophosphate	1.0
68-12-2	N,N-Dimethylformamide	1.0
57-14-7	1,1-Dimethyl hydrazine	0.1
105-67-9	2,4-Dimethylphenol	1.0
131-11-3	Dimethyl phthalate	1.0
77-78-1	Dimethyl sulfate	0.1
99-65-0	m-Dinitrobenzene	1.0
528-29-0	o-Dinitrobenzene	1.0
100-25-4	p-Dinitrobenzene	1.0
88-85-7	Dinitrobutyl phenol (Dinoseb)	1.0
534-52-1	4,6-Dinitro-o-cresol	1.0
51-28-5	2,4-Dinitrophenol	1.0
121-14-2	2,4-Dinitrotoluene	0.1
606-20-2	2,6-Dinitrotoluene	0.1
25321-14-6	Dinitrotoluene (mixed isomers)	1.0
39300-45-3	Dinocap	1.0
123-91-1	1,4-Dioxane	0.1
957-51-7	Diphenamid	1.0
122-39-4	Diphenylamine	1.0
122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
2164-07-0	Dipotassium endothall [7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt]	1.0

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CAS Number	Chemical Name	De minimis % Limit
136-45-8	Dipropyl isocinchomerate	1.0
138-93-2	Disodium cyanodithioimidocarbonate	1.0
94-11-1	2,4-D isopropyl ester	0.1
541-53-7	2,4-Dithiobiuret	1.0
330-54-1	Diuron	1.0
2439-10-3	Dodine [Dodecylguanidine monoacetate]	1.0
120-36-5	2,4-DP	0.1
1320-18-9	2,4-D propylene glycol butyl ether ester	0.1
2702-72-9	2,4-D sodium salt	0.1
106-89-8	Epichlorohydrin	0.1
13194-48-4	Ethoprop [Phosphorodithioic acid O-ethyl S,S-dipropyl ester]	1.0
110-80-5	2-Ethoxyethanol	1.0
140-88-5	Ethyl acrylate	0.1
100-41-4	Ethylbenzene	0.1
541-41-3	Ethyl chloroformate	1.0
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0
74-85-1	Ethylene	1.0
107-21-1	Ethylene glycol	1.0
151-56-4	Ethyleneimine (Aziridine)	0.1
75-21-8	Ethylene oxide	0.1
96-45-7	Ethylene thiourea	0.1
75-34-3	Ethylidene dichloride	1.0
52-85-7	Famphur	1.0
60168-88-9	Fenarimol [ $\alpha$ -(2-Chlorophenyl)- $\alpha$ -(4-chlorophenyl)-5-pyrimidinemethanol]	1.0
13356-08-6	Fenbutatin oxide (Hexakis(2-methyl-2-phenylpropyl)distannoxane)	1.0
66441-23-4	Fenoxaprop ethyl [2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester]	1.0
72490-01-8	Fenoxycarb [[2-(4-Phenoxyphenoxy)ethyl]carbamic acid ethyl ester]	1.0
39515-41-8	Fenpropathrin [2,2,3,3-Tetramethylcyclopropane	1.0

CAS Number	Chemical Name	De minimis % Limit
	carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	
55-38-9	Fenthion [O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl]ester, phosphorothioic acid]	1.0
51630-58-1	Fenvalerate [4-Chloro- $\alpha$ -(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
14484-64-1	Ferbam [Tris(dimethylcarbamodithioato-S,S')iron]	1.0
69806-50-4	Fluazifop butyl [2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, butyl ester]	1.0
2164-17-2	Fluometuron [Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-]	1.0
7782-41-4	Fluorine	1.0
51-21-8	Fluorouracil (5-Fluorouracil)	1.0
69409-94-5	Fluvalinate [N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester]	1.0
133-07-3	Folpet	1.0
72178-02-0	Fomesafen [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl-2-nitrobenzamide]	1.0
50-00-0	Formaldehyde	0.1
64-18-6	Formic acid	1.0
76-13-1	Freon 113 [Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	1.0
110-00-9	Furan	0.1
556-52-5	Glycidol	0.1
76-44-8	Heptachlor [1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene]	*
118-74-1	Hexachlorobenzene	*
87-68-3	Hexachloro-1,3-butadiene	1.0
319-84-6	alpha-	0.1

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CAS Number	Chemical Name	De minimis % Limit
	Hexachlorocyclohexane	
77-47-4	Hexachlorocyclopentadiene	1.0
67-72-1	Hexachloroethane	0.1
1335-87-1	Hexachloronaphthalene	1.0
70-30-4	Hexachlorophene	1.0
680-31-9	Hexamethylphosphoramide	0.1
110-54-3	n-Hexane	1.0
51235-04-2	Hexazinone	1.0
67485-29-4	Hydramethylnon [Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]	1.0
302-01-2	Hydrazine	0.1
10034-93-2	Hydrazine sulfate	0.1
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
74-90-8	Hydrogen cyanide	1.0
7664-39-3	Hydrogen fluoride	1.0
7783-06-4	Hydrogen sulfide	1.0
123-31-9	Hydroquinone	1.0
35554-44-0	Imazalil [1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole]	1.0
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1.0
13463-40-6	Iron pentacarbonyl	1.0
78-84-2	Isobutyraldehyde	1.0
465-73-6	Isodrin	*
25311-71-1	Isofenphos [2-[[[Ethoxyl][(1-methylethyl)amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester]	1.0
78-79-5	Isoprene	0.1
67-63-0	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	1.0

CAS Number	Chemical Name	De minimis % Limit
80-05-7	4,4'-Isopropylidenediphenol	1.0
120-58-1	Isosafrole	1.0
77501-63-4	Lactofen [Benzoic acid, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester]	1.0
7439-92-1	Lead (when lead is contained in stainless steel, brass or bronze alloys the de minimis level is 0.1)	*
58-89-9	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 $\alpha$ ,2 $\alpha$ ,3 $\beta$ ,4 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-]	0.1
330-55-2	Linuron	1.0
554-13-2	Lithium carbonate	1.0
121-75-5	Malathion	0.1
108-31-6	Maleic anhydride	1.0
109-77-3	Malononitrile	1.0
12427-38-2	Maneb [Carbamodithioic acid, 1,2-ethanediyldis-, manganese complex]	1.0
7439-96-5	Manganese	1.0
93-65-2	Mecoprop	0.1
149-30-4	2-Mercaptobenzothiazole (MBT)	1.0
7439-97-6	Mercury	*
150-50-5	Merphos	1.0
126-98-7	Methacrylonitrile	1.0
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1.0
67-56-1	Methanol	1.0
20354-26-1	Methazole [2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]	1.0
2032-65-7	Methiocarb	1.0
94-74-6	Methoxone ((4-Chloro-2-methylphenoxy)acetic acid) (MCPA)	0.1
3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy)acetate sodium salt)	0.1
72-43-5	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]]	*



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CAS Number	Chemical Name	De minimis % Limit
109-86-4	2-Methoxyethanol	1.0
96-33-3	Methyl acrylate	1.0
1634-04-4	Methyl tert-butyl ether	1.0
79-22-1	Methyl chlorocarbonate	1.0
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1
101-61-1	4,4'-Methylenebis(N,N-dimethyl)benzenamine	0.1
74-95-3	Methylene bromide	1.0
101-77-9	4,4'-Methylenedianiline	0.1
93-15-2	Methyleugenol	0.1
60-34-4	Methyl hydrazine	1.0
74-88-4	Methyl iodide	1.0
108-10-1	Methyl isobutyl ketone	0.1
624-83-9	Methyl isocyanate	1.0
556-61-6	Methyl isothiocyanate [Isothiocyanatomethane]	1.0
75-86-5	2-Methylacetonitrile	1.0
80-62-6	Methyl methacrylate	1.0
924-42-5	N-Methylolacrylamide	1.0
298-00-0	Methyl parathion	1.0
109-06-8	2-Methylpyridine	1.0
872-50-4	N-Methyl-2-pyrrolidone	1.0
9006-42-2	Metiram	1.0
21087-64-9	Metribuzin	1.0
7786-34-7	Mevinphos	1.0
90-94-8	Michler's ketone	0.1
2212-67-1	Molinate (1H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester)	1.0
1313-27-5	Molybdenum trioxide	1.0
76-15-3	Monochloropentafluoroethane (CFC-115)	1.0
150-68-5	Monuron	1.0
505-60-2	Mustard gas [Ethane, 1,1'-thiobis[2-chloro-]]	0.1
88671-89-0	Myclobutanil [ $\alpha$ -Butyl- $\alpha$ -(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	1.0
142-59-6	Nabam	1.0
300-76-5	Naled	1.0
91-20-3	Naphthalene	0.1
134-32-7	alpha-Naphthylamine	0.1
91-59-8	beta-Naphthylamine	0.1
7440-02-0	Nickel	0.1
1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0
7697-37-2	Nitric acid	1.0

CAS Number	Chemical Name	De minimis % Limit
139-13-9	Nitrilotriacetic acid	0.1
100-01-6	p-Nitroaniline	1.0
91-23-6	o-Nitroanisole	0.1
99-59-2	5-Nitro-o-anisidine	1.0
98-95-3	Nitrobenzene	0.1
92-93-3	4-Nitrobiphenyl	0.1
1836-75-5	Nitrofen [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	0.1
51-75-2	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1
55-63-0	Nitroglycerin	1.0
75-52-5	Nitromethane	0.1
88-75-5	2-Nitrophenol	1.0
100-02-7	4-Nitrophenol	1.0
79-46-9	2-Nitropropane	0.1
924-16-3	N-Nitrosodi-n-butylamine	0.1
55-18-5	N-Nitrosodiethylamine	0.1
62-75-9	N-Nitrosodimethylamine	0.1
86-30-6	N-Nitrosodiphenylamine	1.0
156-10-5	p-Nitrosodiphenylamine	1.0
621-64-7	N-Nitrosodi-n-propylamine	0.1
759-73-9	N-Nitroso-N-ethylurea	0.1
684-93-5	N-Nitroso-N-methylurea	0.1
4549-40-0	N-Nitrosomethylvinylamine	0.1
59-89-2	N-Nitrosomorpholine	0.1
16543-55-8	N-Nitrosornicotine	0.1
100-75-4	N-Nitrosopiperidine	0.1
88-72-2	o-Nitrotoluene	0.1
99-55-8	5-Nitro-o-toluidine	1.0
27314-13-2	Norflurazon [4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone]	1.0
2234-13-1	Octachloronaphthalene	1.0
29082-74-4	Octachlorostyrene	*
19044-88-3	Oryzalin [4-(Dipropylamino)-3,5-dinitrobenzene sulfonamide]	1.0
20816-12-0	Osmium tetroxide	1.0
301-12-2	Oxydemeton methyl [S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]	1.0
19666-30-9	Oxydiazon [3-[2,4-	1.0

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CAS Number	Chemical Name	De minimis % Limit
	Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]	
42874-03-3	Oxyfluorfen	1.0
10028-15-6	Ozone	1.0
123-63-7	Paraldehyde	1.0
1910-42-5	Paraquat dichloride	1.0
56-38-2	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl)ester]	0.1
1114-71-2	Pebulate [Butylethylcarbamothioic acid S-propyl ester]	1.0
40487-42-1	Pendimethalin [N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]	*
608-93-5	Pentachlorobenzene	*
76-01-7	Pentachloroethane	1.0
87-86-5	Pentachlorophenol (PCP)	0.1
57-33-0	Pentobarbital sodium	1.0
79-21-0	Peracetic acid	1.0
594-42-3	Perchloromethyl mercaptan	1.0
52645-53-1	Permethrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, (3-phenoxyphenyl)methyl ester]	1.0
85-01-8	Phenanthrene	1.0
108-95-2	Phenol	1.0
77-09-8	Phenolphthalein	0.1
26002-80-2	Phenothrin [2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]	1.0
95-54-5	1,2-Phenylenediamine	1.0
108-45-2	1,3-Phenylenediamine	1.0
106-50-3	p-Phenylenediamine	1.0
615-28-1	1,2-Phenylenediamine dihydrochloride	1.0
624-18-0	1,4-Phenylenediamine dihydrochloride	1.0
90-43-7	2-Phenylphenol	1.0
57-41-0	Phenytoin	0.1
75-44-5	Phosgene	1.0

CAS Number	Chemical Name	De minimis % Limit
7803-51-2	Phosphine	1.0
7723-14-0	Phosphorus (yellow or white)	1.0
85-44-9	Phthalic anhydride	1.0
1918-02-1	Picloram	1.0
88-89-1	Picric acid	1.0
51-03-6	Piperonyl butoxide	1.0
29232-93-7	Pirimiphos methyl [O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]	1.0
1336-36-3	Polychlorinated biphenyls (PCBs)	*
7758-01-2	Potassium bromate	0.1
128-03-0	Potassium dimethyldithiocarbamate	1.0
137-41-7	Potassium N-methyldithiocarbamate	1.0
41198-08-7	Profenofos [O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate]	1.0
7287-19-6	Prometryn [N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine]	1.0
23950-58-5	Pronamide	1.0
1918-16-7	Propachlor [2-Chloro-N-(1-methylethyl)-N-phenylacetamide]	1.0
1120-71-4	Propane sultone	0.1
709-98-8	Propanil [N-(3,4-Dichlorophenyl)propanamide]	1.0
2312-35-8	Propargite	1.0
107-19-7	Propargyl alcohol	1.0
31218-83-4	Propetamphos [3-[[[(Ethylamino)methoxyphosphinothioyl]oxy]-2-butenic acid, 1-methylethyl ester]	1.0
60207-90-1	Propiconazole [1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl-1H-1,2,4,-triazole]	1.0
57-57-8	beta-Propiolactone	0.1
123-38-6	Propionaldehyde	1.0
114-26-1	Propoxur [Phenol, 2-(1-methylethoxy)-, methylcarbamate]	1.0



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CAS Number	Chemical Name	De minimis % Limit
115-07-1	Propylene (Propene)	1.0
75-55-8	Propyleneimine	0.1
75-56-9	Propylene oxide	0.1
110-86-1	Pyridine	1.0
91-22-5	Quinoline	1.0
106-51-4	Quinone	1.0
82-68-8	Quintozene (Pentachloronitrobenzene)	1.0
76578-14-8	Quizalofop-ethyl [2-[4-[(6-Chloro-2-quinoxalinyloxy]phenoxy]propanoic acid ethyl ester]	1.0
10453-86-8	Resmethrin [[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate]	1.0
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1.0
94-59-7	Safrole	0.1
7782-49-2	Selenium	1.0
74051-80-2	Sethoxydim [2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxyl-2-cyclohexen-1-one]	1.0
7440-22-4	Silver	1.0
122-34-9	Simazine	1.0
26628-22-8	Sodium azide	1.0
1982-69-0	Sodium dicamba [3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	1.0
128-04-1	Sodium dimethyldithiocarbamate	1.0
62-74-8	Sodium fluoroacetate	1.0
7632-00-0	Sodium nitrite	1.0
131-52-2	Sodium pentachlorophenate	0.1
132-27-4	Sodium o-phenylphenoxide	0.1
100-42-5	Styrene	0.1
96-09-3	Styrene oxide	0.1
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne	1.0

CAS Number	Chemical Name	De minimis % Limit
	forms of any particle size)	
2699-79-8	Sulfuryl fluoride (Vikane)	1.0
35400-43-2	Sulprofos [O-Ethyl O-[4-(methylthio)phenyl]phosphorodithioic acid S-propylester]	1.0
34014-18-1	Tebuthiuron [N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	1.0
3383-96-8	Temephos	1.0
5902-51-2	Terbacil [5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	1.0
79-94-7	Tetrabromobisphenol A	*
630-20-6	1,1,1,2-Tetrachloroethane	0.1
79-34-5	1,1,2,2-Tetrachloroethane	0.1
127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
961-11-5	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl ester]	1.0
64-75-5	Tetracycline hydrochloride	1.0
116-14-3	Tetrafluoroethylene	0.1
509-14-8	Tetranitromethane	0.1
7696-12-0	Tetramethrin [2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester]	1.0
7440-28-0	Thallium	1.0
148-79-8	Thiabendazole [2-(4-Thiazolyl)-1H-benzimidazole]	1.0
62-55-5	Thioacetamide	0.1
28249-77-6	Thiobencarb [Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]	1.0
139-65-1	4,4'-Thiodianiline	0.1
59669-26-0	Thiodicarb	1.0
23564-06-9	Thiophanate ethyl [[1,2-	1.0

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CAS Number	Chemical Name	De minimis % Limit
	Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethylester]	
23564-05-8	Thiophanate methyl	1.0
79-19-6	Thiosemicarbazide	1.0
62-56-6	Thiourea	0.1
137-26-8	Thiram	1.0
1314-20-1	Thorium dioxide	1.0
7550-45-0	Titanium tetrachloride	1.0
108-88-3	Toluene	1.0
584-84-9	Toluene-2,4-diisocyanate	0.1
91-08-7	Toluene-2,6-diisocyanate	0.1
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
95-53-4	o-Toluidine	0.1
636-21-5	o-Toluidine hydrochloride	0.1
8001-35-2	Toxaphene	*
43121-43-3	Triadimefon [1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone]	1.0
2303-17-5	Triallate	1.0
68-76-8	Triaziquone [2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-]	1.0
101200-48-0	Tribenuron methyl [Benzoic acid, 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]amino]sulfonyl]-, methyl ester]	1.0
1983-10-4	Tributyltin fluoride	1.0
2155-70-6	Tributyltin methacrylate	1.0
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	1.0
52-68-6	Trichlorfon [Phosphoric acid, (2,2,2-trichloro-1-hydroxy-ethyl)-, dimethyl ester]	1.0
76-02-8	Trichloroacetyl chloride	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0
71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0
79-00-5	1,1,2-Trichloroethane	1.0
79-01-6	Trichloroethylene	0.1
75-69-4	Trichlorofluoromethane (CFC-11)	1.0

CAS Number	Chemical Name	De minimis % Limit
95-95-4	2,4,5-Trichlorophenol	1.0
88-06-2	2,4,6-Trichlorophenol	0.1
96-18-4	1,2,3-Trichloropropane	0.1
57213-69-1	Triclopyr triethylammonium salt	1.0
121-44-8	Triethylamine	1.0
1582-09-8	Trifluralin [Benzeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]	*
26644-46-2	Triforine [N,N'-[1,4-Piperazinediylbis-(2,2,2-trichloroethylidene)]bisformamide]	1.0
95-63-6	1,2,4-Trimethylbenzene	1.0
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1.0
639-58-7	Triphenyltin chloride	1.0
76-87-9	Triphenyltin hydroxide	1.0
126-72-7	Tris(2,3-dibromopropyl)phosphate	0.1
72-57-1	Trypan blue	0.1
51-79-6	Urethane (Ethyl carbamate)	0.1
7440-62-2	Vanadium (except when contained in an alloy)	1.0
50471-44-8	Vinclozolin [3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]	1.0
108-05-4	Vinyl acetate	0.1
593-60-2	Vinyl bromide	0.1
75-01-4	Vinyl chloride	0.1
75-02-5	Vinyl fluoride	0.1
75-35-4	Vinylidene chloride	1.0
108-38-3	m-Xylene	1.0
95-47-6	o-Xylene	1.0
106-42-3	p-Xylene	1.0
1330-20-7	Xylene (mixed isomers)	1.0
87-62-7	2,6-Xylidine	0.1
7440-66-6	Zinc (fume or dust)	1.0
12122-67-7	Zineb [Carbamodithioic acid, 1,2-ethanediyibis-, zinc complex]	1.0

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**b. Individually Listed Toxic Chemicals  
Arranged by CAS Number**

CAS Number	Chemical Name	De minimis % Limit
50-00-0	Formaldehyde	0.1
51-03-6	Piperonyl butoxide	1.0
51-21-8	Fluorouracil (5-Fluorouracil)	1.0
51-28-5	2,4-Dinitrophenol	1.0
51-75-2	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1
51-79-6	Urethane (Ethyl carbamate)	0.1
52-68-6	Trichlorfon [Phosphoric acid, (2,2,2-trichloro-1-hydroxy-ethyl)-, dimethyl ester]	1.0
52-85-7	Famphur	1.0
53-96-3	2-Acetylaminofluorene	0.1
55-18-5	N-Nitrosodiethylamine	0.1
55-21-0	Benzamide	1.0
55-38-9	Fenthion [O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl]ester, phosphorothioic acid]	1.0
55-63-0	Nitroglycerin	1.0
56-23-5	Carbon tetrachloride	0.1
56-35-9	Bis(tributyltin)oxide	1.0
56-38-2	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl)ester]	0.1
57-14-7	1,1-Dimethyl hydrazine	0.1
57-33-0	Pentobarbital sodium	1.0
57-41-0	Phenytoin	0.1
57-57-8	beta-Propiolactone	0.1
57-74-9	Chlordane [4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	*
58-89-9	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 $\alpha$ ,2 $\alpha$ ,3 $\beta$ ,4 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-]	0.1
59-89-2	N-Nitrosomorpholine	0.1
60-09-3	4-Aminoazobenzene	0.1
60-11-7	4-Dimethylaminoazobenzene	0.1
60-34-4	Methyl hydrazine	1.0
60-35-5	Acetamide	0.1
60-51-5	Dimethoate	1.0

CAS Number	Chemical Name	De minimis % Limit
61-82-5	Amitrole	0.1
62-53-3	Aniline	1.0
62-55-5	Thioacetamide	0.1
62-56-6	Thiourea	0.1
62-73-7	Dichlorvos [Phosphoric acid, 2,2-dichloroethenyl dimethyl ester]	0.1
62-74-8	Sodium fluoroacetate	1.0
62-75-9	N-Nitrosodimethylamine	0.1
63-25-2	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0
64-18-6	Formic acid	1.0
64-67-5	Diethyl sulfate	0.1
64-75-5	Tetracycline hydrochloride	1.0
67-56-1	Methanol	1.0
67-63-0	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	1.0
67-66-3	Chloroform	0.1
67-72-1	Hexachloroethane	0.1
68-12-2	N,N-Dimethylformamide	1.0
68-76-8	Triaziquone [2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-]	1.0
70-30-4	Hexachlorophene	1.0
71-36-3	n-Butyl alcohol	1.0
71-43-2	Benzene	0.1
71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0
72-43-5	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]]	*
72-57-1	Trypan blue	0.1
74-83-9	Bromomethane (Methyl bromide)	1.0
74-85-1	Ethylene	1.0
74-87-3	Chloromethane (Methyl chloride)	1.0
74-88-4	Methyl iodide	1.0
74-90-8	Hydrogen cyanide	1.0
74-95-3	Methylene bromide	1.0
75-00-3	Chloroethane (Ethyl chloride)	1.0
75-01-4	Vinyl chloride	0.1
75-02-5	Vinyl fluoride	0.1
75-05-8	Acetonitrile	1.0

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CAS Number	Chemical Name	De minimis % Limit
75-07-0	Acetaldehyde	0.1
75-09-2	Dichloromethane (Methylene chloride)	0.1
75-15-0	Carbon disulfide	1.0
75-21-8	Ethylene oxide	0.1
75-25-2	Bromoform (Tribromomethane)	1.0
75-27-4	Dichlorobromomethane	0.1
75-34-3	Ethylidene dichloride	1.0
75-35-4	Vinylidene chloride	1.0
75-43-4	Dichlorofluoromethane (HCFC-21)	1.0
75-44-5	Phosgene	1.0
75-45-6	Chlorodifluoromethane (HCFC-22)	1.0
75-52-5	Nitromethane	0.1
75-55-8	Propyleneimine	0.1
75-56-9	Propylene oxide	0.1
75-63-8	Bromotrifluoromethane (Halon 1301)	1.0
75-65-0	tert-Butyl alcohol	1.0
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
75-69-4	Trichlorofluoromethane (CFC-11)	1.0
75-71-8	Dichlorodifluoromethane (CFC-12)	1.0
75-72-9	Chlorotrifluoromethane (CFC-13)	1.0
75-86-5	2-Methylacetonitrile	1.0
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0
76-01-7	Pentachloroethane	1.0
76-02-8	Trichloroacetyl chloride	1.0
76-06-2	Chloropicrin	1.0
76-13-1	Freon 113 [Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	1.0
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0
76-15-3	Monochloropentafluoroethane (CFC-115)	1.0
76-44-8	Heptachlor [1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene]	*
76-87-9	Triphenyltin hydroxide	1.0
77-09-8	Phenolphthalein	0.1

CAS Number	Chemical Name	De minimis % Limit
77-47-4	Hexachlorocyclopentadiene	1.0
77-73-6	Dicyclopentadiene	1.0
77-78-1	Dimethyl sulfate	0.1
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	1.0
78-79-5	Isoprene	0.1
78-84-2	Isobutyraldehyde	1.0
78-87-5	1,2-Dichloropropane	0.1
78-88-6	2,3-Dichloropropene	1.0
78-92-2	sec-Butyl alcohol	1.0
79-00-5	1,1,2-Trichloroethane	1.0
79-01-6	Trichloroethylene	0.1
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1.0
79-11-8	Chloroacetic acid	1.0
79-19-6	Thiosemicarbazide	1.0
79-21-0	Peracetic acid	1.0
79-22-1	Methyl chlorocarbonate	1.0
79-34-5	1,1,1,2-Tetrachloroethane	0.1
79-44-7	Dimethylcarbamyl chloride	0.1
79-46-9	2-Nitropropane	0.1
79-94-7	Tetrabromobisphenol A	*
80-05-7	4,4'-Isopropylidenediphenol	1.0
80-15-9	Cumene hydroperoxide	1.0
80-62-6	Methyl methacrylate	1.0
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1.0
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1
81-88-9	C.I. Food Red 15	1.0
82-28-0	1-Amino-2-methylantraquinone	0.1
82-68-8	Quintozene (Pentachloronitrobenzene)	1.0
84-74-2	Dibutyl phthalate	1.0
85-01-8	Phenanthrene	1.0
85-44-9	Phthalic anhydride	1.0
86-30-6	N-Nitrosodiphenylamine	1.0
87-62-7	2,6-Xylidine	0.1
87-68-3	Hexachloro-1,3-butadiene	1.0
87-86-5	Pentachlorophenol (PCP)	0.1
88-06-2	2,4,6-Trichlorophenol	0.1
88-72-2	o-Nitrotoluene	0.1

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CAS Number	Chemical Name	De minimis % Limit
88-75-5	2-Nitrophenol	1.0
88-85-7	Dinitrobutyl phenol (Dinoseb)	1.0
88-89-1	Picric acid	1.0
90-04-0	o-Anisidine	0.1
90-43-7	2-Phenylphenol	1.0
90-94-8	Michler's ketone	0.1
91-08-7	Toluene-2,6-diisocyanate	0.1
91-20-3	Naphthalene	0.1
91-22-5	Quinoline	1.0
91-23-6	o-Nitroanisole	0.1
91-59-8	beta-Naphthylamine	0.1
91-94-1	3,3'-Dichlorobenzidine	0.1
92-52-4	Biphenyl	1.0
92-67-1	4-Aminobiphenyl	0.1
92-87-5	Benzidine	0.1
92-93-3	4-Nitrobiphenyl	0.1
93-15-2	Methyleugenol	0.1
93-65-2	Mecoprop	0.1
94-11-1	2,4-D isopropyl ester	0.1
94-36-0	Benzoyl peroxide	1.0
94-58-6	Dihydrosafrole	0.1
94-59-7	Safrole	0.1
94-74-6	Methoxone ((4-Chloro-2-methylphenoxy)acetic acid) (MCPA)	0.1
94-75-7	2,4-D [Acetic acid, (2,4-dichlorophenoxy)-]	0.1
94-80-4	2,4-D butyl ester	0.1
94-82-6	2,4-DB	1.0
95-47-6	o-Xylene	1.0
95-48-7	o-Cresol	1.0
95-50-1	1,2-Dichlorobenzene	1.0
95-53-4	o-Toluidine	0.1
95-54-5	1,2-Phenylenediamine	1.0
95-63-6	1,2,4-Trimethylbenzene	1.0
95-69-2	p-Chloro-o-toluidine	0.1
95-80-7	2,4-Diaminotoluene	0.1
95-95-4	2,4,5-Trichlorophenol	1.0
96-09-3	Styrene oxide	0.1
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.1
96-18-4	1,2,3-Trichloropropane	0.1
96-33-3	Methyl acrylate	1.0
96-45-7	Ethylene thiourea	0.1
97-23-4	Dichlorophene [2,2'-Methylenebis(4-chlorophenol)]	1.0

CAS Number	Chemical Name	De minimis % Limit
97-56-3	C.I. Solvent Yellow 3	0.1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1
98-82-8	Cumene	0.1
98-86-2	Acetophenone	1.0
98-87-3	Benzal chloride	1.0
98-88-4	Benzoyl chloride	1.0
98-95-3	Nitrobenzene	0.1
99-30-9	Dichloran [2,6-Dichloro-4-nitroaniline]	1.0
99-55-8	5-Nitro-o-toluidine	1.0
99-59-2	5-Nitro-o-anisidine	1.0
99-65-0	m-Dinitrobenzene	1.0
100-01-6	p-Nitroaniline	1.0
100-02-7	4-Nitrophenol	1.0
100-25-4	p-Dinitrobenzene	1.0
100-41-4	Ethylbenzene	0.1
100-42-5	Styrene	0.1
100-44-7	Benzyl chloride	1.0
100-75-4	N-Nitrosopiperidine	0.1
101-05-3	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1
101-61-1	4,4'-Methylenebis(N,N-dimethyl)benzenamine	0.1
101-77-9	4,4'-Methylenedianiline	0.1
101-80-4	4,4'-Diaminodiphenyl ether	0.1
101-90-6	Diglycidyl resorcinol ether	0.1
104-12-1	p-Chlorophenyl isocyanate	1.0
104-94-9	p-Anisidine	1.0
105-67-9	2,4-Dimethylphenol	1.0
106-42-3	p-Xylene	1.0
106-44-5	p-Cresol	1.0
106-46-7	1,4-Dichlorobenzene	0.1
106-47-8	p-Chloroaniline	0.1
106-50-3	p-Phenylenediamine	1.0
106-51-4	Quinone	1.0
106-88-7	1,2-Butylene oxide	0.1
106-89-8	Epichlorohydrin	0.1
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
106-94-5	1-Bromopropane	0.1
106-99-0	1,3-Butadiene	0.1
107-02-8	Acrolein	1.0
107-05-1	Allyl chloride	1.0
107-06-2	1,2-Dichloroethane	0.1

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CAS Number	Chemical Name	De minimis % Limit
	(Ethylene dichloride)	
107-11-9	Allylamine	1.0
107-13-1	Acrylonitrile	0.1
107-18-6	Allyl alcohol	1.0
107-19-7	Propargyl alcohol	1.0
107-21-1	Ethylene glycol	1.0
107-30-2	Chloromethyl methyl ether	0.1
108-05-4	Vinyl acetate	0.1
108-10-1	Methyl isobutyl ketone	0.1
108-31-6	Maleic anhydride	1.0
108-38-3	m-Xylene	1.0
108-39-4	m-Cresol	1.0
108-45-2	1,3-Phenylenediamine	1.0
108-60-1	Bis(2-chloro-1-methylethyl)ether	1.0
108-88-3	Toluene	1.0
108-90-7	Chlorobenzene	1.0
108-93-0	Cyclohexanol	1.0
108-95-2	Phenol	1.0
109-06-8	2-Methylpyridine	1.0
109-77-3	Malononitrile	1.0
109-86-4	2-Methoxyethanol	1.0
110-00-9	Furan	0.1
110-54-3	n-Hexane	1.0
110-57-6	trans-1,4-Dichloro-2-butene	1.0
110-80-5	2-Ethoxyethanol	1.0
110-82-7	Cyclohexane	1.0
110-86-1	Pyridine	1.0
111-42-2	Diethanolamine	1.0
111-44-4	Bis(2-chloroethyl)ether	1.0
111-91-1	Bis(2-chloroethoxy)methane	1.0
114-26-1	Propoxur [Phenol, 2-(1-methylethoxy)-, methylcarbamate]	1.0
115-07-1	Propylene (Propene)	1.0
115-28-6	Chlorendic acid	0.1
115-32-2	Dicofol [Benzenemethanol, 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -(trichloromethyl)-]	1.0
116-06-3	Aldicarb	1.0
116-14-3	Tetrafluoroethylene	0.1
117-79-3	2-Aminoanthraquinone	0.1
117-81-7	Di(2-ethylhexyl)phthalate (DEHP)	0.1
118-74-1	Hexachlorobenzene	*

CAS Number	Chemical Name	De minimis % Limit
119-90-4	3,3'-Dimethoxybenzidine	0.1
119-93-7	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
120-12-7	Anthracene	1.0
120-36-5	2,4-DP	0.1
120-58-1	Isosafrole	1.0
120-71-8	p-Cresidine	0.1
120-80-9	Catechol	0.1
120-82-1	1,2,4-Trichlorobenzene	1.0
120-83-2	2,4-Dichlorophenol	1.0
121-14-2	2,4-Dinitrotoluene	0.1
121-44-8	Triethylamine	1.0
121-69-7	N,N-Dimethylaniline	1.0
121-75-5	Malathion	0.1
122-34-9	Simazine	1.0
122-39-4	Diphenylamine	1.0
122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
123-31-9	Hydroquinone	1.0
123-38-6	Propionaldehyde	1.0
123-63-7	Paraldehyde	1.0
123-72-8	Butyraldehyde	1.0
123-91-1	1,4-Dioxane	0.1
124-40-3	Dimethylamine	1.0
124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0
126-72-7	Tris(2,3-dibromopropyl)phosphate	0.1
126-98-7	Methacrylonitrile	1.0
126-99-8	Chloroprene	0.1
127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1
128-03-0	Potassium dimethyldithiocarbamate	1.0
128-04-1	Sodium dimethyldithiocarbamate	1.0
128-66-5	C.I. Vat Yellow 4	1.0
131-11-3	Dimethyl phthalate	1.0
131-52-2	Sodium pentachlorophenate	0.1
132-27-4	Sodium o-phenylphenoxide	0.1
132-64-9	Dibenzofuran	1.0
133-06-2	Captan [1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]	1.0
133-07-3	Folpet	1.0
133-90-4	Chloramben [Benzoic acid,	1.0



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CAS Number	Chemical Name	De minimis % Limit
	3-amino-2,5-dichloro-]	
134-29-2	o-Anisidine hydrochloride	0.1
134-32-7	alpha-Naphthylamine	0.1
135-20-6	Cupferron [Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]	0.1
136-45-8	Dipropyl isocincheronate	1.0
137-26-8	Thiram	1.0
137-41-7	Potassium N-methyldithiocarbamate	1.0
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1.0
138-93-2	Disodium cyanodithioimidocarbonate	1.0
139-13-9	Nitrilotriacetic acid	0.1
139-65-1	4,4'-Thiodianiline	0.1
140-88-5	Ethyl acrylate	0.1
141-32-2	Butyl acrylate	1.0
142-59-6	Nabam	1.0
148-79-8	Thiabendazole [2-(4-Thiazolyl)-1H-benzimidazole]	1.0
149-30-4	2-Mercaptobenzothiazole (MBT)	1.0
150-50-5	Merphos	1.0
150-68-5	Monuron	1.0
151-56-4	Ethyleneimine (Aziridine)	0.1
156-10-5	p-Nitrosodiphenylamine	1.0
156-62-7	Calcium cyanamide	1.0
191-24-2	Benzo(g,h,i)perylene	*
298-00-0	Methyl parathion	1.0
300-76-5	Naled	1.0
301-12-2	Oxydemeton methyl [S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]	1.0
302-01-2	Hydrazine	0.1
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0
309-00-2	Aldrin [1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1 $\alpha$ ,4 $\alpha$ ,4a $\beta$ ,5 $\alpha$ ,8 $\alpha$ ,8a $\beta$ )-]	*
314-40-9	Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-	1.0

CAS Number	Chemical Name	De minimis % Limit
	pyrimidinedione)	
319-84-6	alpha-Hexachlorocyclohexane	0.1
330-54-1	Diuron	1.0
330-55-2	Linuron	1.0
333-41-5	Diazinon	0.1
334-88-3	Diazomethane	1.0
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1.0
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
357-57-3	Brucine	1.0
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
422-48-0	2,3-dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0
463-58-1	Carbonyl sulfide	1.0
465-73-6	Isodrin	*
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1
505-60-2	Mustard gas [Ethane, 1,1'-thiobis[2-chloro-]]	0.1
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0
509-14-8	Tetranitromethane	0.1
510-15-6	Chlorobenzilate [Benzeneacetic acid, 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxy-, ethyl ester]	1.0

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CAS Number	Chemical Name	De minimis % Limit
528-29-0	o-Dinitrobenzene	1.0
532-27-4	2-Chloroacetophenone	1.0
533-74-4	Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)	1.0
534-52-1	4,6-Dinitro-o-cresol	1.0
540-59-0	1,2-Dichloroethylene	1.0
541-41-3	Ethyl chloroformate	1.0
541-53-7	2,4-Dithiobiuret	1.0
541-73-1	1,3-Dichlorobenzene	1.0
542-75-6	1,3-Dichloropropylene	0.1
542-76-7	3-Chloropropionitrile	1.0
542-88-1	Bis(chloromethyl)ether	0.1
554-13-2	Lithium carbonate	1.0
556-52-5	Glycidol	0.1
556-61-6	Methyl isothiocyanate [Isothiocyanatomethane]	1.0
563-47-3	3-Chloro-2-methyl-1-propene	0.1
569-64-2	C.I. Basic Green 4	1.0
584-84-9	Toluene-2,4-diisocyanate	0.1
593-60-2	Vinyl bromide	0.1
594-42-3	Perchloromethyl mercaptan	1.0
606-20-2	2,6-Dinitrotoluene	0.1
608-93-5	Pentachlorobenzene	*
612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1
615-05-4	2,4-Diaminoanisole	0.1
615-28-1	1,2-Phenylenediamine dihydrochloride	1.0
621-64-7	N-Nitrosodi-n-propylamine	0.1
624-18-0	1,4-Phenylenediamine dihydrochloride	1.0
624-83-9	Methyl isocyanate	1.0
630-20-6	1,1,1,2-Tetrachloroethane	0.1
636-21-5	o-Toluidine hydrochloride	0.1
639-58-7	Triphenyltin chloride	1.0
680-31-9	Hexamethylphosphoramide	0.1
684-93-5	N-Nitroso-N-methylurea	0.1
709-98-8	Propanil [N-(3,4-Dichlorophenyl)propanamide]	1.0
759-73-9	N-Nitroso-N-ethylurea	0.1

CAS Number	Chemical Name	De minimis % Limit
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0
764-41-0	1,4-Dichloro-2-butene	1.0
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0
834-12-8	Ametryn (N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine)	1.0
842-07-9	C.I. Solvent Yellow 14	1.0
872-50-4	N-Methyl-2-pyrrolidone	1.0
924-16-3	N-Nitrosodi-n-butylamine	0.1
924-42-5	N-Methylolacrylamide	1.0
957-51-7	Diphenamid	1.0
961-11-5	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl ester]	1.0
989-38-8	C.I. Basic Red 1	1.0
1114-71-2	Pebulate [Butylethylcarbamothioic acid S-propyl ester]	1.0
1120-71-4	Propane sultone	0.1
1134-23-2	Cycloate	1.0
1163-19-5	Decabromodiphenyl oxide	1.0
1313-27-5	Molybdenum trioxide	1.0
1314-20-1	Thorium dioxide	1.0
1319-77-3	Cresol (mixed isomers)	1.0
1320-18-9	2,4-D propylene glycol butyl ether ester	0.1
1330-20-7	Xylene (mixed isomers)	1.0
1332-21-4	Asbestos (friable)	0.1
1335-87-1	Hexachloronaphthalene	1.0
1336-36-3	Polychlorinated biphenyls (PCBs)	*
1344-28-1	Aluminum oxide (fibrous forms)	1.0
1464-53-5	Diepoxybutane	0.1
1563-66-2	Carbofuran	1.0
1582-09-8	Trifluralin [Benzeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]	*
1634-04-4	Methyl tert-butyl ether	1.0
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-	1.0



Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name	De minimis % Limit
	132b)	
1689-84-5	Bromoxynil (3,5-Dibromo-4-hydroxybenzotrile)	1.0
1689-99-2	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenylester)	1.0
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
1836-75-5	Nitrofen [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	0.1
1861-40-1	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine)	1.0
1897-45-6	Chlorothalonil [1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]	0.1
1910-42-5	Paraquat dichloride	1.0
1912-24-9	Atrazine (6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	1.0
1918-00-9	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
1918-02-1	Picloram	1.0
1918-16-7	Propachlor [2-Chloro-N-(1-methylethyl)-N-phenylacetamide]	1.0
1928-43-4	2,4-D 2-ethylhexyl ester	0.1
1929-73-3	2,4-D butoxyethyl ester	0.1
1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0
1937-37-7	C.I. Direct Black 38	0.1
1982-69-0	Sodium dicamba [3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	1.0
1983-10-4	Tributyltin fluoride	1.0
2032-65-7	Methiocarb	1.0
2155-70-6	Tributyltin methacrylate	1.0
2164-07-0	Dipotassium endothall [7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt]	1.0
2164-17-2	Fluometuron [Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-]	1.0
2212-67-1	Molinate (1H-Azepine-1-	1.0

CAS Number	Chemical Name	De minimis % Limit
	carbothioic acid, hexahydro-, S-ethyl ester)	
2234-13-1	Octachloronaphthalene	1.0
2300-66-5	Dimethylamine dicamba	1.0
2303-16-4	Diallate [Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl)ester]	1.0
2303-17-5	Triallate	1.0
2312-35-8	Propargite	1.0
2439-01-2	Chinomethionat [6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	1.0
2439-10-3	Dodine [Dodecylguanidine monoacetate]	1.0
2524-03-0	Dimethyl chlorothiophosphate	1.0
2602-46-2	C.I. Direct Blue 6	0.1
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1.0
2699-79-8	Sulfuryl fluoride (Vikane)	1.0
2702-72-9	2,4-D sodium salt	0.1
2832-40-8	C.I. Disperse Yellow 3	1.0
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0
2971-38-2	2,4-D chlorocrotyl ester	0.1
3118-97-6	C.I. Solvent Orange 7	1.0
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	0.1
3383-96-8	Temephos	1.0
3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy)acetate sodium salt)	0.1
3761-53-3	C.I. Food Red 5	0.1
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0
4170-30-3	Crotonaldehyde	1.0
4549-40-0	N-Nitrosomethylvinylamine	0.1
4680-78-8	C.I. Acid Green 3	1.0
5234-68-4	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0
5598-13-0	Chlorpyrifos methyl [O,O-Dimethyl-O-(3,5,6-trichloro-2-	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name	De minimis % Limit
	pyridyl)phosphorothioate]	
5902-51-2	Terbacil [5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	1.0
6459-94-5	C.I. Acid Red 114	0.1
7287-19-6	Prometryn [N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine]	1.0
7429-90-5	Aluminum (fume or dust)	1.0
7439-92-1	Lead (when lead is contained in stainless steel, brass or bronze alloys the de minimis level is 0.1)	*
7439-96-5	Manganese	1.0
7439-97-6	Mercury	*
7440-02-0	Nickel	0.1
7440-22-4	Silver	1.0
7440-28-0	Thallium	1.0
7440-36-0	Antimony	1.0
7440-38-2	Arsenic	0.1
7440-39-3	Barium	1.0
7440-41-7	Beryllium	0.1
7440-43-9	Cadmium	0.1
7440-47-3	Chromium	1.0
7440-48-4	Cobalt	0.1
7440-50-8	Copper	1.0
7440-62-2	Vanadium (except when contained in an alloy)	1.0
7440-66-6	Zinc (fume or dust)	1.0
7550-45-0	Titanium tetrachloride	1.0
7632-00-0	Sodium nitrite	1.0
7637-07-2	Boron trifluoride	1.0
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
7664-39-3	Hydrogen fluoride	1.0
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1.0
7664-93-9	Sulfuric acid (acid aerosols	1.0

CAS Number	Chemical Name	De minimis % Limit
	including mists, vapors, gas, fog, and other airborne forms of any particle size)	
7696-12-0	Tetramethrin [2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester]	1.0
7697-37-2	Nitric acid	1.0
7723-14-0	Phosphorus (yellow or white)	1.0
7726-95-6	Bromine	1.0
7758-01-2	Potassium bromate	0.1
7782-41-4	Fluorine	1.0
7782-49-2	Selenium	1.0
7782-50-5	Chlorine	1.0
7783-06-4	Hydrogen sulfide	1.0
7786-34-7	Mevinphos	1.0
7803-51-2	Phosphine	1.0
8001-35-2	Toxaphene	*
8001-58-9	Creosote	0.1
9006-42-2	Metiram	1.0
10028-15-6	Ozone	1.0
10034-93-2	Hydrazine sulfate	0.1
10049-04-4	Chlorine dioxide	1.0
10061-02-6	trans-1,3-Dichloropropene	0.1
10294-34-5	Boron trichloride	1.0
10453-86-8	Resmethrin [[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate]	1.0
12122-67-7	Zineb [Carbamodithioic acid, 1,2-ethanediyibis-, zinc complex]	1.0
12427-38-2	Maneb [Carbamodithioic acid, 1,2-ethanediyibis-, manganese complex]	1.0
13194-48-4	Ethoprop [Phosphorodithioic acid O-ethyl S,S-dipropyl ester]	1.0
13356-08-6	Fenbutatin oxide (Hexakis(2-methyl-2-phenylpropyl)distannoxane)	1.0
13463-40-6	Iron pentacarbonyl	1.0
13474-88-9	1,1-Dichloro-1,2,2,3,3-	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name	De minimis % Limit
	pentafluoropropane (HCFC-225cc)	
13684-56-5	Desmedipham	1.0
14484-64-1	Ferbam [Tris(dimethylcarbamodithioato-S,S')iron]	1.0
15972-60-8	Alachlor	1.0
16071-86-6	C.I. Direct Brown 95	0.1
16543-55-8	N-Nitrosornicotine	0.1
17804-35-2	Benomyl	1.0
19044-88-3	Oryzalin [4-(Dipropylamino)-3,5-dinitrobenzene sulfonamide]	1.0
19666-30-9	Oxydiazon [3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]	1.0
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1
20354-26-1	Methazole [2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]	1.0
20816-12-0	Osmium tetroxide	1.0
20859-73-8	Aluminum phosphide	1.0
21087-64-9	Metribuzin	1.0
21725-46-2	Cyanazine	1.0
22781-23-3	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
23564-05-8	Thiophanate methyl	1.0
23564-06-9	Thiophanate ethyl [[1,2-Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethylester]	1.0
23950-58-5	Pronamide	1.0
25311-71-1	Isofenphos [2-[[[Ethoxyl[(1-methylethyl)amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester]	1.0
25321-14-6	Dinitrotoluene (mixed isomers)	1.0
25321-22-6	Dichlorobenzene (mixed isomers)	0.1

CAS Number	Chemical Name	De minimis % Limit
25376-45-8	Diaminotoluene (mixed isomers)	0.1
26002-80-2	Phenothrin [2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]	1.0
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
26628-22-8	Sodium azide	1.0
26644-46-2	Triforine [N,N'-(1,4-Piperazinediylbis-(2,2,2-trichloroethylidene)]bisformamide]	1.0
27314-13-2	Norflurazon [4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone]	1.0
28057-48-9	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethron]	1.0
28249-77-6	Thiobencarb [Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]	1.0
28407-37-6	C.I. Direct Blue 218	1.0
29082-74-4	Octachlorostyrene	*
29232-93-7	Pirimiphos methyl [O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]	1.0
30560-19-1	Acephate (Acetylphosphoramidothioic acid O,S-dimethyl ester)	1.0
31218-83-4	Propetamphos [3-[[[(Ethylamino)methoxyphosphinothioyl]oxy]-2-butenic acid, 1-methylethyl ester]	1.0
33089-61-1	Amitraz	1.0
34014-18-1	Tebuthiuron [N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	1.0
34077-87-7	Dichlorotrifluoroethane	1.0
35367-38-5	Diflubenzuron	1.0
35400-43-2	Sulprofos [O-Ethyl O-[4-(methylthio)phenyl]phosphorodithioic acid S-	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name	De minimis % Limit
	propylester]	
35554-44-0	Imazalil [1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole]	1.0
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0
38727-55-8	Diethyl ethyl	1.0
39156-41-7	2,4-Diaminoanisole sulfate	0.1
39300-45-3	Dinocap	1.0
39515-41-8	Fenpropathrin [2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
40487-42-1	Pendimethalin [N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]	*
41198-08-7	Profenofos [O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate]	1.0
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)	0.1
42874-03-3	Oxyfluorfen	1.0
43121-43-3	Triadimefon [1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone]	1.0
50471-44-8	Vinclozolin [3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]	1.0
51235-04-2	Hexazinone	1.0
51338-27-3	Diclofop methyl [2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid, methyl ester]	1.0
51630-58-1	Fenvalerate [4-Chloro- $\alpha$ -(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
52645-53-1	Permethrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarb	1.0

CAS Number	Chemical Name	De minimis % Limit
	oxylic acid, (3-phenoxyphenyl)methyl ester]	
53404-19-6	Bromacil, lithium salt [2,4(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt]	1.0
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
53404-60-7	Dazomet, sodium salt [Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium]	1.0
55290-64-7	Dimethipin [2,3-Dihydro-5,6-dimethyl-1,4-dithiin-1,1,4,4-tetraoxide]	1.0
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1.0
57213-69-1	Triclopyr triethylammonium salt	1.0
59669-26-0	Thiodicarb	1.0
60168-88-9	Fenarimol [ $\alpha$ -(2-Chlorophenyl)- $\alpha$ -(4-chlorophenyl)-5-pyrimidinemethanol]	1.0
60207-90-1	Propiconazole [1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl-1H-1,2,4,-triazole]	1.0
62476-59-9	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
63938-10-3	Chlorotetrafluoroethane	1.0
64902-72-3	Chlorsulfuron [2-Chloro-N-[[4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide]	1.0
64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
66441-23-4	Fenoxaprop ethyl [2-(4-(6-Chloro-2-benzoxazolyl)oxy)phenoxy]propanoic acid, ethyl ester]	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name	De minimis % Limit
67485-29-4	Hydramethylnon [Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]	1.0
68085-85-8	Cyhalothrin [3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
68359-37-5	Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl)methyl ester]	1.0
69409-94-5	Fluvalinate [N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester]	1.0
69806-50-4	Fluazifop butyl [2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, butyl ester]	1.0
71751-41-2	Abamectin [Avermectin B1]	1.0
72178-02-0	Fomesafen [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl-2-nitrobenzamide]	1.0
72490-01-8	Fenoxycarb [[2-(4-Phenoxyphenoxy)ethyl]carbamic acid ethyl ester]	1.0
74051-80-2	Sethoxydim [2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxyl-2-cyclohexen-1-one]	1.0
76578-14-8	Quizalofop-ethyl [2-[4-[(6-Chloro-2-quinoxalanyl)oxy]phenoxy]propanoic acid ethyl ester]	1.0
77501-63-4	Lactofen [Benzoic acid, 5-	1.0

CAS Number	Chemical Name	De minimis % Limit
	[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester]	
82657-04-3	Bifenthrin	1.0
88671-89-0	Myclobutanil [ $\alpha$ -Butyl- $\alpha$ -(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	1.0
90454-18-5	Dichloro-1,1,2-trifluoroethane	1.0
90982-32-4	Chlorimuron ethyl [Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate]	1.0
101200-48-0	Tribenuron methyl [Benzoic acid, 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]amino]sulfonyl]-, methyl ester]	1.0
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
111984-09-9	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
127564-92-5	Dichloropentafluoropropane	1.0
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0

### c. Chemical Categories

Section 313 requires reporting on the EPCRA section 313 chemical categories listed below, in addition to the specific EPCRA section 313 chemicals listed above.

The metal compound categories listed below, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (e.g., antimony, nickel, etc.) as part of that chemical's structure.

EPCRA section 313 chemical categories are subject to the 1% *de minimis* concentration unless the substance involved meets the definition of an OSHA carcinogen in which case the 0.1% *de minimis* concentration applies. The *de minimis* concentration for each category is provided in parentheses. The *de minimis* exemption is not available for PBT chemicals, therefore an asterisk appears where a *de minimis* limit would otherwise appear. However, for purposes of the supplier notification requirement only, such limits are provided in Appendix D.

**N010 Antimony Compounds (1.0)**

*Includes any unique chemical substance that contains antimony as part of that chemical's infrastructure.*

**N020 Arsenic Compounds (inorganic compounds: 0.1; organic compounds: 1.0)**

*Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure.*

**N040 Barium Compounds (1.0)**

*Includes any unique chemical substance that contains barium as part of that chemical's infrastructure. This category does not include:*

*Barium sulfate CAS Number 7727-43-7*

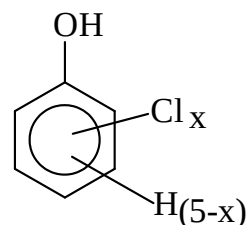
**N050 Beryllium Compounds (0.1)**

*Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure.*

**N078 Cadmium Compounds (0.1)**

*Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure.*

**N084 Chlorophenols (0.1)**



Where  $x = 1$  to  $5$

**N090 Chromium Compounds**

**(except for chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). COPR is the solid waste remaining after aqueous extraction of oxidized chromite ore that has been combined with soda ash and kiln roasted at approximately 2,000 °F.) (chromium VI compounds: 0.1; chromium III compounds: 1.0)**

*Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure.*

**N096 Cobalt Compounds (inorganic compounds: 0.1; organic compounds: 1.0)**

*Includes any unique chemical substance that contains cobalt as part of that chemical's infrastructure.*

**N100 Copper Compounds (1.0)**

*Includes any unique chemical substance that contains copper as part of that chemical's infrastructure. This category does not include copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.*

**N106 Cyanide Compounds (1.0)**

*$X^+CN^-$  where  $X = H^+$  or any other group where a formal dissociation can be made. For example KCN or  $Ca(CN)_2$*

**N120 Diisocyanates (1.0)**

*This category includes only those chemicals listed below.*



Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name
38661-72-2	1,3-Bis(methylisocyanate)cyclohexane
10347-54-3	1,4-Bis(methylisocyanate)cyclohexane
2556-36-7	1,4-Cyclohexane diisocyanate
134190-37-7	Diethyldiisocyanatobenzene
4128-73-8	4,4'-Diisocyanatodiphenyl ether
75790-87-3	2,4'-Diisocyanatodiphenyl sulfide
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
139-25-3	3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate
822-06-0	Hexamethylene-1,6-diisocyanate
4098-71-9	Isophorone diisocyanate
75790-84-0	4-Methyldiphenylmethane-3,4-diisocyanate
5124-30-1	1,1-Methylenebis(4-isocyanatocyclohexane)
101-68-8	Methylenebis(phenylisocyanate) (MDI)
3173-72-6	1,5-Naphthalene diisocyanate
123-61-5	1,3-Phenylene diisocyanate
104-49-4	1,4-Phenylene diisocyanate
9016-87-9	Polymeric diphenylmethane diisocyanate
16938-22-0	2,2,4-Trimethylhexamethylene diisocyanate
15646-96-5	2,4,4-Trimethylhexamethylene diisocyanate

Box #	CAS Number	Chemical Name
		dioxin
3	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin
4	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo- <i>p</i> -dioxin
5	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo- <i>p</i> -dioxin
6	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo- <i>p</i> -dioxin
7	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin
8	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran
9	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran
10	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran
11	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran
12	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran
13	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran
14	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran
15	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran
16	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
17	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran

**N150 Dioxin and dioxin-like compounds (Manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical.) (\*)**

This category includes only those chemicals listed below. [Note: When completing the Form R Schedule 1, enter the data for each member of the category in the order they are listed here (i.e., 1-17).]

Box #	CAS Number	Chemical Name
1	1746-01-6	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin
2	40321-76-4	1,2,3,7,8-Pentachlorodibenzo- <i>p</i> -

**N171 Ethylenebisdithiocarbamic acid, salts and esters EBDCs) (1.0)**

*Includes any unique chemical substance that contains an EBDC or an EBDC salt as part of that chemical's infrastructure.*

**N230 Certain Glycol Ethers (1.0)**

R - (OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub> - OR'

where:

n = 1, 2, or 3;

R = Alkyl C7 or less; or

R = phenyl or alkyl substituted phenyl;

R' = H or alkyl C7 or less; or

OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

**Table II. EPCRA Section 313 Chemical List for Reporting Year 2018**

**N270 Hexabromocyclododecane (\*)**  
 (This category includes only those chemicals covered by the CAS numbers listed below)

CAS Number	Chemical Name
3194-55-6	1,2,5,6,9,10-Hexabromocyclododecane
25637-99-4	Hexabromocyclododecane

**N420 Lead Compounds (\*)**

*Includes any unique chemical substance that contains lead as part of that chemical's infrastructure.*

**N450 Manganese Compounds (1.0)**

*Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure.*

**N458 Mercury Compounds (\*)**

*Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure.*

**N495 Nickel Compounds (0.1)**

*Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure.*

**N503 Nicotine and salts (1.0)**

*Includes any unique chemical substance that contains nicotine or a nicotine salt as part of that chemical's infrastructure.*

**N511 Nitrate compounds (water dissociable; reportable only when in aqueous solution) (1.0)**

**N530 Nonylphenol (1.0)**

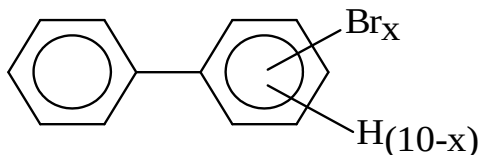
This category includes only those chemicals listed below.



Table II. EPCRA Section 313 Chemical List for Reporting Year 2018

CAS Number	Chemical Name
104-40-5	4-Nonylphenol
11066-49-2	Isononylphenol
25154-52-3	Nonylphenol
26543-97-5	4-Isononylphenol
84852-15-3	4-Nonylphenol, branched
90481-04-2	Nonylphenol, branched

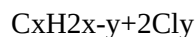
**N575 Polybrominated Biphenyls (PBBs) (0.1)**



where  $x = 1$  to  $10$

**N583 Polychlorinated alkanes (C<sub>10</sub> to C<sub>13</sub>) (1.0, except for those members of the category that have an average chain length of 12 carbons and contain an average chlorine content of 60% by weight which are subject to the 0.1% *de minimis*)**

Includes those chemicals defined by the following formula:



Where  $x = 10$  to  $13$ ;

$y = 3$  to  $12$ ; and

where the average chlorine content ranges from 40-70% with the limiting molecular formulas C<sub>10</sub>H<sub>19</sub>Cl<sub>3</sub> and C<sub>13</sub>H<sub>16</sub>Cl<sub>12</sub>

**N590 Polycyclic aromatic compounds (PACs) (\*)**

This category includes the chemicals listed below.

CAS Number	Chemical Name
56-55-3	Benz(a)anthracene
205-99-2	Benzo(b)fluoranthene
205-82-3	Benzo(j)fluoranthene
207-08-9	Benzo(k)fluoranthene
206-44-0	Benzo(j,k)fluorene
189-55-9	Benzo(r,s,t)pentaphene
218-01-9	Benzo(a)phenanthrene
50-32-8	Benzo(a)pyrene
226-36-8	Dibenz(a,h)acridine
224-42-0	Dibenz(a,j)acridine
53-70-3	Dibenzo(a,h)anthracene
194-59-2	7H-Dibenzo(c,g)carbazole
5385-75-1	Dibenzo(a,e)fluoranthene
192-65-4	Dibenzo(a,e)pyrene
189-64-0	Dibenzo(a,h)pyrene
191-30-0	Dibenzo(a,l)pyrene
57-97-6	7,12-Dimethylbenz(a)-anthracene
42397-64-8	1,6-Dinitropyrene
42397-65-9	1,8-Dinitropyrene
193-39-5	Indeno(1,2,3-cd)pyrene
56-49-5	3-Methylcholanthrene
3697-24-3	5-Methylchrysene
7496-02-8	6-Nitrochrysene
5522-43-0	1-Nitropyrene
57835-92-4	4-Nitropyrene

- N725 Selenium Compounds (1.0)**  
*Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.*
- N740 Silver Compounds (1.0)**  
*Includes any unique chemical substance that contains silver as part of that chemical's infrastructure.*
- N746 Strychnine and salts (1.0)**  
*Includes any unique chemical substance that contains strychnine or a strychnine salt as part of that chemical's infrastructure.*
- N760 Thallium Compounds (1.0)**  
*Includes any unique chemical substance that contains thallium as part of that chemical's infrastructure.*
- N770 Vanadium compounds (1.0)**  
*Includes any unique chemical substance that contains vanadium as part of that chemical's infrastructure.*
- N874 Warfarin and salts (1.0)**  
*Includes any unique chemical substance that contains warfarin or a warfarin salt as part of that chemical's infrastructure.*
- N982 Zinc Compounds (1.0)**  
*Includes any unique chemical substance that contains zinc as part of that chemical's infrastructure.*

### Table III. Bureau of Indian Affairs (BIA) Tribal Codes

Indian Country Name	BIA Tribal Code
Absentee-Shawnee Tribe of Indians of Oklahoma	820
Agua Caliente Band of Cahuilla Indians of the Agua Caliente Indian Reservation, California	584
Ak Chin Indian Community of the Maricopa (Ak Chin) Indian Reservation, Arizona	612
Alabama-Coushatta Tribes of Texas	830
Alabama-Quassarte Tribal Town, Oklahoma	901
Alturas Indian Rancheria, California	502
Apache Tribe of Oklahoma	809
Arapahoe Tribe of the Wind River Reservation, Wyoming	281
Aroostook Band of Micmac Indians of Maine	31
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana	206
Augustine Band of Cahuilla Indians, California (formerly the Augustine Band of Cahuilla Mission Indians of the Augustine Reservation)	567
Bad River Band of the Lake Superior Tribe of Chippewa Indians of the Bad River Reservation, Wisconsin	430
Bay Mills Indian Community, Michigan	470
Bear River Band of the Rohnerville Rancheria, California	560
Berry Creek Rancheria of Maidu Indians of California	504
Big Lagoon Rancheria, California	554
Big Pine Band of Owens Valley Paiute Shoshone Indians of the Big Pine Reservation, California	530
Big Sandy Rancheria of Mono Indians of California	506
Big Valley Band of Pomo Indians of the Big Valley Rancheria, California	507
Blackfeet Tribe of the Blackfeet Indian Reservation of Montana	201
Blue Lake Rancheria, California	558
Bridgeport Paiute Indian Colony of California	691
Buena Vista Rancheria of Me-Wuk Indians of California	508
Burns Paiute Tribe of the Burns Paiute Indian Colony of Oregon	144
Cabazon Band of Mission Indians, California	568
Cachil DeHe Band of Wintun Indians of the Colusa Indian Community of the Colusa Rancheria, California	512

Indian Country Name	BIA Tribal Code
Caddo Nation of Oklahoma	806
Cahto Indian Tribe of the Laytonville Rancheria, California	524
Cahuilla Band of Mission Indians of the Cahuilla Reservation, California	569
California Valley Miwok Tribe, California	628
Campo Band of Diegueno Mission Indians of the Campo Indian Reservation, California	570
Capitan Grande Band of Diegueno Mission Indians of California: Barona Group of Capitan Grande Band of Mission Indians of the Barona Reservation, California; Viejas (Baron Long) Group of Capitan Grande Band of Mission Indians of the Viejas Reservation, California	571
Catawba Indian Nation (aka Catawba Tribe of South Carolina)	32
Cayuga Nation of New York	13
Cedarville Rancheria, California	621
Chemehuevi Indian Tribe of the Chemehuevi Reservation, California	695
Cher-Ae Heights Indian Community of the Trinidad Rancheria, California	566
Cherokee Nation, Oklahoma	905
Cheyenne and Arapaho Tribes, Oklahoma (formerly the Cheyenne-Arapaho Tribes of Oklahoma)	801
Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota	340
Chickasaw Nation, Oklahoma	906
Chicken Ranch Rancheria of Me-Wuk Indians of California	523
Chippewa-Cree Indians of the Rocky Boy's Reservation, Montana	205
Chitimacha Tribe of Louisiana	970
Choctaw Nation of Oklahoma	907
Citizen Potawatomi Nation, Oklahoma	821
Cloverdale Rancheria of Pomo Indians of California	510
Cocopah Tribe of Arizona	602
Coeur D'Alene Tribe of the Coeur D'Alene Reservation, Idaho	181
Cold Springs Rancheria of Mono Indians of California	511
Colorado River Indian Tribes of the Colorado River Indian Reservation, Arizona and California	603

**Table III. Bureau of Indian Affairs (BIA) Tribal Codes**

Indian Country Name	BIA Tribal Code	Indian Country Name	BIA Tribal Code
Comanche Nation, Oklahoma	808	Sulphur Bank Rancheria, California	
Confederated Salish & Kootenai Tribes of the Flathead Reservation, Montana	203	Elk Valley Rancheria, California	559
Confederated Tribes and Bands of the Yakama Nation, Washington	124	Ely Shoshone Tribe of Nevada	644
Confederated Tribes of Siletz Indians of Oregon (previously listed as the Confederated Tribes of the Siletz Reservation)	142	Enterprise Rancheria of Maidu Indians of California	517
Confederated Tribes of the Chehalis Reservation, Washington	105	Ewiiapaayp Band of Kumeyaay Indians, California	573
Confederated Tribes of the Colville Reservation, Washington	101	Federated Indians of Graton Rancheria, California	622
Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians of Oregon	152	Flandreau Santee Sioux Tribe of South Dakota	341
Confederated Tribes of the Goshute Reservation, Nevada and Utah	681	Forest County Potawatomi Community, Wisconsin	434
Confederated Tribes of the Grand Ronde Community of Oregon	141	Fort Belknap Indian Community of the Fort Belknap Reservation of Montana	204
Confederated Tribes of the Umatilla Reservation, Oregon	143	Fort Bidwell Indian Community of the Fort Bidwell Reservation of California	518
Confederated Tribes of the Warm Springs Reservation of Oregon	145	Fort Independence Indian Community of Paiute Indians of the Fort Independence Reservation, California	525
Coquille Tribe of Oregon	155	Fort McDermitt Paiute and Shoshone Tribes of the Fort McDermitt Indian Reservation, Nevada and Oregon	646
Cortina Indian Rancheria of Wintun Indians of California	513	Fort McDowell Yavapai Nation, Arizona	613
Coushatta Tribe of Louisiana	971	Fort Mojave Indian Tribe of Arizona, California & Nevada	604
Cow Creek Band of Umpqua Indians of Oregon	153	Fort Sill Apache Tribe of Oklahoma	803
Cowlitz Indian Tribe, Washington	132	Gila River Indian Community of the Gila River Indian Reservation, Arizona	614
Coyote Valley Band of Pomo Indians of California	638	Grand Traverse Band of Ottawa and Chippewa Indians, Michigan	468
Crow Creek Sioux Tribe of the Crow Creek Reservation, South Dakota	342	Greenville Rancheria of Maidu Indians of California	545
Crow Tribe of Montana	202	Grindstone Indian Rancheria of Wintun-Wailaki Indians of California	519
Death Valley Timbi-Sha Shoshone Band of California	693	Habematolel Pomo of Upper Lake, California	636
Delaware Nation, Oklahoma	807	Hannahville Indian Community, Michigan	471
Delaware Tribe of Indians, Oklahoma	816	Havasupai Tribe of the Havasupai Reservation, Arizona	605
Dry Creek Rancheria of Pomo Indians of California	515	Ho-Chunk Nation of Wisconsin	439
Duckwater Shoshone Tribe of the Duckwater Reservation, Nevada	642	Hoh Indian Tribe of the Hoh Indian Reservation, Washington	106
Eastern Band of Cherokee Indians of North Carolina	1	Hoop Valley Tribe, California	561
Eastern Shawnee Tribe of Oklahoma	921	Hopi Tribe of Arizona	608
Elem Indian Colony of Pomo Indians of the	632	Hopland Band of Pomo Indians of the Hopland Rancheria, California	521

*Table III. Bureau of Indian Affairs (BIA) Tribal Codes*

Indian Country Name	BIA Tribal Code	Indian Country Name	BIA Tribal Code
Houlton Band of Maliseet Indians of Maine	19	Lac du Flambeau Band of Lake Superior Chippewa Indians of the Lac du Flambeau Reservation of Wisconsin	432
Hualapai Indian Tribe of the Hualapai Indian Reservation, Arizona	606	Lac Vieux Desert Band of Lake Superior Chippewa Indians, Michigan	479
Iipay Nation of Santa Ysabel, California (formerly the Santa Ysabel Band of Diegueno Mission Indians of the Santa Ysabel Reservation)	592	Las Vegas Tribe of Paiute Indians of the Las Vegas Indian Colony, Nevada	648
Inaja Band of Diegueno Mission Indians of the Inaja and Cosmit Reservation, California	574	Little River Band of Ottawa Indians, Michigan	482
Ione Band of Miwok Indians of California	529	Little Traverse Bay Bands of Odawa Indians, Michigan	483
Iowa Tribe of Kansas and Nebraska	860	Los Coyotes Band of Cahuilla and Cupeno Indians, California (formerly the Los Coyotes Band of Cahuilla & Cupeno Indians of the Los Coyotes Reservation)	578
Iowa Tribe of Oklahoma	822	Lovelock Paiute Tribe of the Lovelock Indian Colony, Nevada	649
Jackson Rancheria of Me-Wuk Indians of California	522	Lower Brule Sioux Tribe of the Lower Brule Reservation, South Dakota	343
Jamestown S'Klallam Tribe of Washington	129	Lower Elwha Tribal Community of the Lower Elwha Reservation, Washington	125
Jamul Indian Village of California	575	Lower Lake Rancheria, California	625
Jena Band of Choctaw Indians, Louisiana	34	Lower Sioux Indian Community in the State of Minnesota	402
Jicarilla Apache Nation, New Mexico	701	Lummi Tribe of the Lummi Reservation, Washington	107
Kaibab Band of Paiute Indians of the Kaibab Indian Reservation, Arizona	617	Lytton Rancheria of California	509
Kalispel Indian Community of the Kalispel Reservation, Washington	103	Makah Indian Tribe of the Makah Indian Reservation, Washington	108
Karuk Tribe (formerly the Karuk Tribe of California)	555	Manchester Band of Pomo Indians of the Manchester-Point Arena Rancheria, California	527
Kashia Band of Pomo Indians of the Stewarts Point Rancheria, California	547	Manzanita Band of Diegueno Mission Indians of the Manzanita Reservation, California	579
Kaw Nation, Oklahoma	810	Mashantucket Pequot Tribe of Connecticut	20
Kewa Pueblo, New Mexico (formerly the Pueblo of Santo Domingo)	717	Mashpee Wampanoag Tribe, Massachusetts	35
Keweenaw Bay Indian Community, Michigan	475	Match-e-be-nash-she-wish Band of Pottawatomi Indians of Michigan	484
Kialegee Tribal Town, Oklahoma	902	Mechoopda Indian Tribe of Chico Rancheria, California	531
Kickapoo Traditional Tribe of Texas	826	Menominee Indian Tribe of Wisconsin	440
Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas	861	Mesa Grande Band of Diegueno Mission Indians of the Mesa Grande Reservation, California	580
Kickapoo Tribe of Oklahoma	823	Mescalero Apache Tribe of the Mescalero Reservation, New Mexico	702
Kiowa Indian Tribe of Oklahoma	802	Miami Tribe of Oklahoma	925
Klamath Tribes, Oregon	140	Miccosukee Tribe of Indians of Florida	26
Kootenai Tribe of Idaho	183	Middletown Rancheria of Pomo Indians of	528
La Jolla Band of Luiseno Indians, California (formerly the La Jolla Band of Luiseno Mission Indians of the La Jolla Reservation)	576		
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation, California	577		
Lac Courte Oreilles Band of Lake Superior Chippewa Indians of Wisconsin	431		

**Table III. Bureau of Indian Affairs (BIA) Tribal Codes**

Indian Country Name	BIA Tribal Code
California	
Minnesota Chippewa Tribe, Minnesota (Six component reservations: Bois Forte Band (Nett Lake); Fond du Lac Band; Grand Portage Band; Leech Lake Band; Mille Lacs Band; White Earth Band)	400
Mississippi Band of Choctaw Indians, Mississippi	980
Moapa Band of Paiute Indians of the Moapa River Indian Reservation, Nevada	650
Modoc Tribe of Oklahoma	927
Mohegan Indian Tribe of Connecticut	33
Mooretown Rancheria of Maidu Indians of California	626
Morongo Band of Mission Indians, California (formerly the Morongo Band of Cahuilla Mission Indians of the Morongo Reservation)	582
Muckleshoot Indian Tribe of the Muckleshoot Reservation, Washington	109
Muscogee (Creek) Nation, Oklahoma	908
Narragansett Indian Tribe of Rhode Island	27
Navajo Nation, Arizona, New Mexico & Utah	780
Nez Perce Tribe, Idaho (previously listed as Nez Perce Tribe of Idaho)	182
Nisqually Indian Tribe of the Nisqually Reservation, Washington	110
Nooksack Indian Tribe of Washington	111
Northern Cheyenne Tribe of the Northern Cheyenne Indian Reservation, Montana	207
Northfork Rancheria of Mono Indians of California	532
Northwestern Band of Shoshoni Nation of Utah (Washakie)	195
Nottawaseppi Huron Band of the Potawatomi, Michigan (formerly the Huron Potawatomi, Inc.)	481
Oglala Sioux Tribe of the Pine Ridge Reservation, South Dakota	344
Ohkay Owingeh, New Mexico (formerly the Pueblo of San Juan)	714
Omaha Tribe of Nebraska	380
Oneida Nation of New York	11
Oneida Tribe of Indians of Wisconsin	433
Onondaga Nation of New York	6
Osage Nation, Oklahoma (formerly the Osage Tribe)	930

Indian Country Name	BIA Tribal Code
Otoe-Missouria Tribe of Indians, Oklahoma	811
Ottawa Tribe of Oklahoma	922
Paiute Indian Tribe of Utah (Cedar Band of Paiutes, Kanosh Band of Paiutes, Koosharem Band of Paiutes, Indian Peaks Band of Paiutes, and Shivwits Band of Paiutes) (formerly Paiute Indian Tribe of Utah (Cedar City Band of Paiutes, Kanosh Band of Paiutes, Koosharem Band of Paiutes, Indian Peaks Band of Paiutes, and Shivwits Band of Paiutes))	692
Paiute-Shoshone Indians of the Bishop Community of the Bishop Colony, California	549
Paiute-Shoshone Indians of the Lone Pine Community of the Lone Pine Reservation, California	624
Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada	645
Pala Band of Luiseno Mission Indians of the Pala Reservation, California	583
Pascua Yaqui Tribe of Arizona	665
Paskenta Band of Nomlaki Indians of California	533
Passamaquoddy Tribe of Maine	14
Pauma Band of Luiseno Mission Indians of the Pauma & Yuima Reservation, California	585
Pawnee Nation of Oklahoma	812
Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, California	586
Penobscot Tribe of Maine	18
Peoria Tribe of Indians of Oklahoma	926
Picayune Rancheria of Chukchansi Indians of California	534
Pinoleville Pomo Nation, California (formerly the Pinoleville Rancheria of Pomo Indians of California)	535
Pit River Tribe, California (includes XL Ranch, Big Bend, Likely, Lookout, Montgomery Creek and Roaring Creek Rancherias)	536
Pokagon Band of Potawatomi Indians, Michigan and Indiana	480
Ponca Tribe of Indians of Oklahoma	813
Ponca Tribe of Nebraska	381
Port Gamble Indian Community of the Port Gamble Reservation, Washington	113
Potter Valley Tribe, California	537
Prairie Band of Potawatomi Nation, Kansas	862
Prairie Island Indian Community in the State of	403



**Table III. Bureau of Indian Affairs (BIA) Tribal Codes**

Indian Country Name	BIA Tribal Code
Minnesota	
Pueblo of Acoma, New Mexico	703
Pueblo of Cochiti, New Mexico	704
Pueblo of Isleta, New Mexico	705
Pueblo of Jemez, New Mexico	706
Pueblo of Laguna, New Mexico	707
Pueblo of Nambe, New Mexico	708
Pueblo of Picuris, New Mexico	709
Pueblo of Pojoaque, New Mexico	710
Pueblo of San Felipe, New Mexico	712
Pueblo of San Ildefonso, New Mexico	713
Pueblo of Sandia, New Mexico	711
Pueblo of Santa Ana, New Mexico	715
Pueblo of Santa Clara, New Mexico	716
Pueblo of Taos, New Mexico	718
Pueblo of Tesuque, New Mexico	719
Pueblo of Zia, New Mexico	720
Puyallup Tribe of the Puyallup Reservation, Washington	115
Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada	651
Quapaw Tribe of Indians, Oklahoma	920
Quartz Valley Indian Community of the Quartz Valley Reservation of California	563
Quechan Tribe of the Fort Yuma Indian Reservation, California & Arizona	696
Quileute Tribe of the Quileute Reservation, Washington	116
Quinault Tribe of the Quinault Reservation, Washington	117
Ramona Band of Cahuilla, California (formerly the Ramona Band or Village of Cahuilla Mission Indians of California)	597
Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin	435
Red Lake Band of Chippewa Indians, Minnesota	409
Redding Rancheria, California	538
Redwood Valley Rancheria of Pomo Indians of California	539
Reno-Sparks Indian Colony, Nevada	653
Resighini Rancheria, California	556
Rincon Band of Luiseno Mission Indians of the Rincon Reservation, California	587

Indian Country Name	BIA Tribal Code
Robinson Rancheria of Pomo Indians of California	516
Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota	345
Round Valley Indian Tribes of the Round Valley Reservation, California	540
Sac & Fox Nation of Missouri in Kansas and Nebraska	863
Sac & Fox Nation, Oklahoma	824
Sac & Fox Tribe of the Mississippi in Iowa	490
Saginaw Chippewa Indian Tribe of Michigan	472
Saint Regis Mohawk Tribe, New York (formerly the St. Regis Band of Mohawk Indians of New York)	7
Salt River Pima-Maricopa Indian Community of the Salt River Reservation, Arizona	615
Samish Indian Tribe, Washington	133
San Carlos Apache Tribe of the San Carlos Reservation, Arizona	616
San Juan Southern Paiute Tribe of Arizona	689
San Manuel Band of Mission Indians, California (previously listed as the San Manuel Band of Serrano Mission Indians of the San Manuel Reservation)	588
San Pasqual Band of Diegueno Mission Indians of California	589
Santa Rosa Band of Cahuilla Indians, California (formerly the Santa Rosa Band of Cahuilla Mission Indians of the Santa Rosa Reservation)	590
Santa Rosa Indian Community of the Santa Rosa Rancheria, California	542
Santa Ynez Band of Chumash Mission Indians of the Santa Ynez Reservation, California	591
Santee Sioux Nation, Nebraska	382
Sauk-Suiattle Indian Tribe of Washington	119
Sault Ste. Marie Tribe of Chippewa Indians of Michigan	469
Scotts Valley Band of Pomo Indians of California	503
Seminole Nation of Oklahoma	909
Seminole Tribe of Florida (Dania, Big Cypress, Brighton, Hollywood & Tampa Reservations)	21
Seneca Nation of New York	12
Seneca-Cayuga Tribe of Oklahoma	923
Shakopee Mdewakanton Sioux Community of Minnesota	411

**Table III. Bureau of Indian Affairs (BIA) Tribal Codes**

Indian Country Name	BIA Tribal Code
Shawnee Tribe, Oklahoma	911
Sherwood Valley Rancheria of Pomo Indians of California	629
Shingle Springs Band of Miwok Indians, Shingle Springs Rancheria (Verona Tract), California	546
Shoalwater Bay Tribe of the Shoalwater Bay Indian Reservation, Washington	118
Shoshone Tribe of the Wind River Reservation, Wyoming	282
Shoshone-Bannock Tribes of the Fort Hall Reservation of Idaho	180
Shoshone-Paiute Tribes of the Duck Valley Reservation, Nevada	641
Sisseton-Wahpeton Oyate of the Lake Traverse Reservation, South Dakota	347
Skokomish Indian Tribe of the Skokomish Reservation, Washington	120
Skull Valley Band of Goshute Indians of Utah	682
Smith River Rancheria, California	564
Snoqualmie Tribe, Washington	126
Soboba Band of Luiseno Indians, California	593
Sokaogon Chippewa Community, Wisconsin	437
Southern Ute Indian Tribe of the Southern Ute Reservation, Colorado	750
Spirit Lake Tribe, North Dakota	303
Spokane Tribe of the Spokane Reservation, Washington	102
Squaxin Island Tribe of the Squaxin Island Reservation, Washington	121
St. Croix Chippewa Indians of Wisconsin	436
Standing Rock Sioux Tribe of North & South Dakota	302
Stillaguamish Tribe of Washington	139
Stockbridge Munsee Community, Wisconsin	438
Summit Lake Paiute Tribe of Nevada	655
Suquamish Indian Tribe of the Port Madison Reservation, Washington	114
Susanville Indian Rancheria, California	550
Swinomish Indians of the Swinomish Reservation, Washington	122
Sycuan Band of the Kumeyaay Nation	594
Table Mountain Rancheria of California	551
Te-Moak Tribe of Western Shoshone Indians of Nevada (Four constituent bands: Battle Mountain Band; Elko Band; South Fork Band and Wells	640

Indian Country Name	BIA Tribal Code
Band)	
Thlopthlocco Tribal Town, Oklahoma	903
Three Affiliated Tribes of the Fort Berthold Reservation, North Dakota	301
Tohono O'odham Nation of Arizona	610
Tonawanda Band of Seneca Indians of New York	8
Tonkawa Tribe of Indians of Oklahoma	814
Tonto Apache Tribe of Arizona	674
Torres Martinez Desert Cahuilla Indians, California (formerly the Torres-Martinez Band of Cahuilla Mission Indians of California)	595
Tulalip Tribes of the Tulalip Reservation, Washington	123
Tule River Indian Tribe of the Tule River Reservation, California	553
Tunica-Biloxi Indian Tribe of Louisiana	336
Tuolumne Band of Me-Wuk Indians of the Tuolumne Rancheria of California	634
Turtle Mountain Band of Chippewa Indians of North Dakota	304
Tuscarora Nation of New York	9
Twenty-Nine Palms Band of Mission Indians of California	598
United Auburn Indian Community of the Auburn Rancheria of California	637
United Keetoowah Band of Cherokee Indians in Oklahoma	904
Upper Sioux Community, Minnesota	401
Upper Skagit Indian Tribe of Washington	131
Ute Indian Tribe of the Uintah & Ouray Reservation, Utah	687
Ute Mountain Tribe of the Ute Mountain Reservation, Colorado, New Mexico & Utah	751
Utu Utu Gwaitu Paiute Tribe of the Benton Paiute Reservation, California	520
Walker River Paiute Tribe of the Walker River Reservation, Nevada	656
Wampanoag Tribe of Gay Head (Aquinnah) of Massachusetts	30
Washoe Tribe of Nevada & California (Carson Colony, Dresslerville Colony, Woodfords Community, Stewart Community, & Washoe Ranches)	672
White Mountain Apache Tribe of the Fort Apache Reservation, Arizona	607



*Table III. Bureau of Indian Affairs (BIA) Tribal Codes*

<b>Indian Country Name</b>	<b>BIA Tribal Code</b>
Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie), Oklahoma	804
Winnebago Tribe of Nebraska	383
Winnemucca Indian Colony of Nevada	659
Wiyot Tribe, California (formerly the Table Bluff Reservation—Wiyot Tribe)	565
Wyandotte Nation, Oklahoma	924
Yankton Sioux Tribe of South Dakota	346
Yavapai-Apache Nation of the Camp Verde Indian Reservation, Arizona	601
Yavapai-Prescott Tribe of the Yavapai Reservation, Arizona	618
Yerington Paiute Tribe of the Yerington Colony & Campbell Ranch, Nevada	660
Yocha Dehe Wintun Nation, California (formerly the Rumsey Indian Rancheria of Wintun Indians of California)	541
Yomba Shoshone Tribe of the Yomba Reservation, Nevada	661
Ysleta Del Sur Pueblo of Texas	725
Yurok Tribe of the Yurok Reservation, California	562
Zuni Tribe of the Zuni Reservation, New Mexico	721

## Table IV. Removal and Destruction Rates for POTWs

When completing Section 8 of the Form R, facilities should use their best readily available information to determine the final disposition of toxic chemical sent to the publicly owned treatment works (POTW). Table VI presents data from EPA's Risk-Screening Environmental Indicators (RSEI) model that can be used to assist with these calculations.

To predict the fate and transport of TRI chemicals, the RSEI model uses estimates of chemical removal efficiencies at POTWs and of the ultimate fate of the chemical amount removed. The amount of the chemical removed is divided into the percentages removed by (1) sorbing to sludge, (2) volatilizing into the air or (3) being biodegraded by microorganisms. Table IV assigns the portion of the influent diverted to sludge to Section 8.1c (off-site disposal to landfills and Class I UIC wells), the portion volatilizing into the air to Section 8.1d (other off-site releases), and the portion being biodegraded to Section 8.7 (off-site treatment). The percentage of the influent chemical that passes through the POTW and is not removed is also assigned to Section 8.1d.

POTW removal efficiencies are a function of many factors, including the treatment technology in place at the POTW. Information about the final disposition of chemicals at the specific POTW in question should therefore be used in place of the percentages in Table IV if available.

For chemicals not included in this table, the default assumption is that 100% of the chemical sent to the POTW is treated for destruction (except for metals, which for which the default is that 100% of the chemical is released).

CAS Number	Chemical Name	% of §6.1 to §:		
		8.1 c	8.1 d	8.7
<b>Arranged by CAS Number</b>				
50-00-0	Formaldehyde	0	8	92
51-03-6	Piperonyl butoxide	39	3	58
51-21-8	Fluorouracil	1	55	44
51-28-5	2,4-Dinitrophenol	1	24	75
51-79-6	Urethane (Ethyl carbamate)	1	55	44
52-68-6	Trichlorfon	0	8	92
53-96-3	2-Acetylaminofluorene	5	42	53
55-63-0	Nitroglycerin	1	24	75
56-23-5	Carbon tetrachloride	2	88	10
56-38-2	Parathion	9	2	89
57-14-7	1,1-Dimethyl hydrazine	1	25	74
57-33-0	Pentobarbital sodium	2	53	45
57-41-0	Phenytoin	2	51	47
57-74-9	Chlordane	61	1	38
58-89-9	Lindane	13	24	63
60-09-3	4-Aminoazobenzene	8	35	57
60-11-7	4-Dimethylaminoazobenzene	35	5	60
60-34-4	Methyl hydrazine	1	25	74
60-35-5	Acetamide	0	8	92
60-51-5	Dimethoate	1	55	44
61-82-5	Amitrole	1	55	44
62-53-3	Aniline	0	8	92
62-55-5	Thioacetamide	1	55	44
62-56-6	Thiourea	1	25	74

CAS Number	Chemical Name	% of §6.1 to §:		
		1	25	74
62-73-7	Dichloros	1	25	74
62-74-8	Sodium fluoroacetate	1	25	74
63-25-2	Carbaryl	1	12	87
64-18-6	Formic acid	0	8	92
64-67-5	Diethyl sulfate	0	5	95
64-75-5	Tetracycline hydrochloride	1	55	44
67-56-1	Methanol	0	8	92
67-66-3	Chloroform	1	73	26
67-72-1	Hexachloroethane	18	56	26
68-12-2	N,N-Dimethylformamide	0	8	92
70-30-4	Hexachlorophene	62	1	37
71-36-3	n-Butyl alcohol	0	8	92
71-43-2	Benzene	1	23	76
71-55-6	1,1,1-trichloroethane	1	95	4
72-43-5	Methoxychlor	45	2	53
72-57-1	Trypan blue	1	55	44
74-83-9	Bromomethane	0	80	20
74-85-1	Ethylene	0	92	8
74-87-3	Chloromethane	1	59	40
74-88-4	Methyl iodide	1	78	21
74-90-8	Hydrogen cyanide	2	98	0
74-95-3	Methylene bromide	1	61	38
75-00-3	Chloroethane	1	85	14
75-01-4	Vinyl chloride	0	92	8
75-05-8	Acetonitrile	1	25	74
75-07-0	Acetaldehyde	0	9	91

**Table IV. Removal and Destruction Rates for POTWs**

CAS Number	Chemical Name	% of §6.1 to §:		
		1	44	55
75-15-0	Carbon disulfide	1	87	12
75-21-8	Ethylene oxide	0	9	91
75-25-2	Bromoform	2	57	41
75-27-4	Dichlorobromomethane	1	68	31
75-34-3	Ethylidene dichloride	1	78	21
75-35-4	Vinylidene chloride	1	91	8
75-43-4	Dichlorofluoromethane	1	91	8
75-44-5	Phosgene	0	0	100
75-45-6	Chlorodifluoromethane	1	88	11
75-55-8	Propyleneimine	1	25	74
75-56-9	Propylene oxide	0	9	91
75-63-8	Bromotrifluoromethane	0	99	1
75-65-0	tert-Butyl alcohol	1	55	44
75-68-3	1-Chloro-1,1-difluoroethane	1	98	1
75-69-4	Trichlorofluoromethane (CFC-11)	1	98	1
75-71-8	Dichlorodifluoromethane (CFC-12)	0	99	1
75-72-9	Chlorotrifluoromethane (CFC-13)	0	99	1
75-86-5	2-Methylacetonitrile	0	0	100
75-88-7	2-Chloro-1,1,1-trifluoroethane	0	99	1
76-01-7	Pentachloroethane	6	75	19
76-06-2	Chloropicrin	1	88	11
76-13-1	Freon 113	3	96	1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	2	97	1
76-15-3	Monochloropentafluoroethane (CFC-115)	1	98	1
76-44-8	Heptachlor	50	1	49
76-87-9	Triphenyltin hydroxide	14	86	0
77-47-4	Hexachlorocyclopentadiene	44	11	45
77-73-6	Dicyclopentadiene	7	84	9
77-78-1	Dimethyl sulfate	0	3	97
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	37	0	63
78-84-2	Isobutyraldehyde	0	9	91
78-87-5	1,2-Dichloropropane	1	70	29
78-88-6	2,3-Dichloropropene	1	67	32
78-92-2	sec-Butyl alcohol	0	8	92
79-00-5	1,1,2-Trichloroethane	1	82	17
79-01-6	Trichloroethylene	1	93	6
79-06-1	Acrylamide	0	8	92
79-10-7	Acrylic acid	0	8	92
79-11-8	Chloroacetic acid	0	8	92

CAS Number	Chemical Name	% of §6.1 to §:		
		1	55	44
79-21-0	Peracetic acid	0	8	92
79-22-1	Methyl chlorocarbonate	0	1	99
79-34-5	1,1,2,2-Tetrachloroethane	2	78	20
79-44-7	Dimethylcarbonyl chloride	0	0	100
79-46-9	2-Nitropropane	1	26	73
80-05-7	4,4'-Isopropylidenediphenol	5	14	81
80-15-9	Cumene hydroperoxide	1	24	75
80-62-6	Methyl methacrylate	0	10	90
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1	25	74
82-68-8	Quintozene	43	11	46
84-74-2	Dibutyl phthalate	29	1	70
85-01-8	Phenanthrene	32	6	62
85-44-9	Phthalic anhydride	0	1	99
86-30-6	N-Nitrosodiphenylamine	5	42	53
87-62-7	2,6-Xylidine	2	53	45
87-68-3	Hexachloro-1,3-butadiene	45	23	32
87-86-5	Pentachlorophenol (PCP)	54	4	42
88-06-2	2,4,6-Trichlorophenol	9	9	82
88-75-5	2-Nitrophenol	1	59	40
88-85-7	Dinitrobutyl phenol	12	54	34
88-89-1	Picric acid	1	78	21
90-04-0	o-Anisidine	1	25	74
90-43-7	2-Phenylphenol	3	5	92
91-08-7	Toluene-2,6-diisocyanate	2	1	97
91-20-3	Naphthalene	4	6	90
91-22-5	Quinoline	1	24	75
91-59-8	beta-Naphthylamine	1	23	76
91-94-1	3,3'-Dichlorobenzidine	9	32	59
92-52-4	Biphenyl	10	2	88
92-67-1	4-Aminobiphenyl	3	47	50
92-87-5	Benzidine	1	25	74
93-65-2	Mecoprop	5	42	53
94-11-1	2,4-D isopropyl ester	8	2	90
94-36-0	Benzoyl peroxide	5	3	92
94-58-6	Dihydrosafrole	10	30	60
94-59-7	Safrole	8	34	58
94-74-6	Methoxone ((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)	6	39	55
94-75-7	2,4-D	2	6	92
94-80-4	2,4-D butyl ester	15	1	84
95-47-6	o-Xylene	3	16	81

**Table IV. Removal and Destruction Rates for POTWs**

CAS Number	Chemical Name	% of §6.1 to §:		
		0	8	92
95-50-1	1,2-Dichlorobenzene	7	47	46
95-53-4	o-Toluidine	0	94	6
95-54-5	1,2-Phenylenediamine	1	55	44
95-63-6	1,2,4-Trimethylbenzene	11	21	68
95-80-7	2,4-Diaminotoluene	1	55	44
95-95-4	2,4,5-Trichlorophenol	13	25	62
96-09-3	Styrene oxide	1	25	74
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	4	72	24
96-18-4	1,2,3-Trichloropropane	2	56	42
96-33-3	Methyl acrylate	0	9	91
96-45-7	Ethylene thiourea	1	55	44
98-07-7	Benzoic trichloride	0	0	100
98-82-8	Cumene	7	13	80
98-86-2	Acetophenone	0	8	92
98-87-3	Benzal chloride	0	0	100
98-88-4	Benzoyl chloride	0	0	100
98-95-3	Nitrobenzene	0	8	92
99-55-8	5-Nitro-o-toluidine	1	54	45
99-65-0	m-Dinitrobenzene	1	54	45
100-01-6	p-Nitroaniline	1	54	45
100-02-7	4-Nitrophenol	0	93	7
100-25-4	p-Dinitrobenzene	1	54	45
100-41-4	Ethylbenzene	3	45	52
100-42-5	Styrene	2	13	85
100-44-7	Benzyl chloride	1	27	72
100-75-4	N-Nitrosopiperidine	1	55	44
101-05-3	Anilazine	16	19	65
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	17	18	65
101-77-9	4,4'-Methylenedianiline	1	24	75
101-80-4	4,4'-Diaminodiphenyl ether	1	24	75
101-90-6	Diglycidyl resorcinol ether	1	25	74
105-67-9	2,4-Dimethylphenol	1	23	76
106-42-3	p-Xylene	3	19	78
106-44-5	p-Cresol	0	8	92
106-46-7	1,4-Dichlorobenzene	7	49	44
106-47-8	p-Chloroaniline	1	54	45
106-50-3	p-Phenylenediamine	1	55	44
106-51-4	Quinone	1	59	40
106-88-7	1,2-Butylene oxide	0	27	73
106-89-8	Epichlorohydrin	1	55	44
106-93-4	1,2-Dibromoethane	1	60	39
106-99-0	1,3-Butadiene	1	86	13

CAS Number	Chemical Name	% of §6.1 to §:		
		0	9	91
107-05-1	Allyl chloride	1	85	14
107-06-2	1,2-Dichloroethane	1	64	35
107-11-9	Allylamine	1	25	74
107-13-1	Acrylonitrile	0	9	91
107-18-6	Allyl alcohol	0	8	92
107-19-7	Propargyl alcohol	0	8	92
107-21-1	Ethylene glycol	0	8	92
107-30-2	Chloromethyl methyl ether	0	0	100
108-05-4	Vinyl acetate	0	11	89
108-10-1	Methyl isobutyl ketone	0	9	91
108-31-6	Maleic anhydride	0	0	100
108-38-3	m-Xylene	3	18	79
108-39-4	m-Cresol	0	8	92
108-45-2	1,3-Phenylenediamine	1	55	44
108-60-1	Bis(2-chloro-1-methylethyl) ether	2	53	45
108-88-3	Toluene	1	23	76
108-90-7	Chlorobenzene	2	39	59
108-93-0	Cyclohexanol	0	9	91
108-95-2	Phenol	0	8	92
109-06-8	2-Methylpyridine	0	8	92
109-77-3	Malononitrile	1	55	44
109-86-4	2-Methoxyethanol	0	8	92
110-54-3	n-Hexane	9	53	38
110-57-6	trans-1,4-Dichloro-2-butene	2	27	71
110-80-5	2-Ethoxyethanol	0	8	92
110-82-7	Cyclohexane	6	19	75
110-86-1	Pyridine	0	8	92
111-42-2	Diethanolamine	0	8	92
111-44-4	Bis(2-chloroethyl) ether	2	78	20
111-91-1	Bis(2-chloroethoxy) methane	1	78	21
114-26-1	Propoxur	0	8	92
115-07-1	Propylene (Propene)	0	91	9
115-32-2	Dicofol	44	2	54
116-06-3	Aldicarb	1	54	45
117-79-3	2-Aminoanthraquinone	2	52	46
117-81-7	Di(2-ethylhexyl) phthalate	38	0	62
118-74-1	Hexachlorobenzene	60	2	38
119-90-4	3,3'-Dimethoxybenzidine	1	54	45
119-93-7	3,3'-Dimethylbenzidine	1	23	76
120-12-7	Anthracene	31	8	61
120-36-5	2,4-DP	8	34	58
120-58-1	Isosafrole	7	36	57

**Table IV. Removal and Destruction Rates for POTWs**

CAS Number	Chemical Name	% of §6.1 to §:		
		1	54	45
120-80-9	Catechol	0	8	92
120-82-1	1,2,4-Trichlorobenzene	19	22	59
120-83-2	2,4-Dichlorophenol	3	5	92
121-14-2	2,4-Dinitrotoluene	1	54	45
121-44-8	Triethylamine	1	56	43
121-69-7	N,N-Dimethylaniline	2	53	45
121-75-5	Malathion	1	7	92
122-34-9	Simazine	2	77	21
122-39-4	Diphenylamine	7	12	81
122-66-7	1,2-Diphenylhydrazine	4	46	50
123-31-9	Hydroquinone	0	8	92
123-38-6	Propionaldehyde	0	9	91
123-63-7	Paraldehyde	1	55	44
123-72-8	Butyraldehyde	0	9	91
123-91-1	1,4-Dioxane	1	55	44
124-40-3	Dimethylamine	0	8	92
124-73-2	Dibromotetrafluoroethane	2	97	1
126-98-7	Methacrylonitrile	1	27	72
126-99-8	Chloroprene	1	93	6
127-18-4	Tetrachloroethylene (Perchloroethylene)	6	87	7
128-03-0	Potassium dimethyldithiocarbamate	1	28	71
128-04-1	Sodium dimethyldithiocarbamate	1	28	71
131-11-3	Dimethyl phthalate	0	8	92
132-64-9	Dibenzofuran	18	4	78
133-06-2	Captan	1	23	76
133-07-3	Folpet	2	20	78
134-32-7	alpha-Naphthylamine	1	24	75
136-45-8	Dipropyl isocinchomeronate	6	3	91
137-26-8	Thiram	1	24	75
137-41-7	Potassium N-methyldithiocarbamate	0	27	73
137-42-8	Metham sodium	0	27	73
139-13-9	Nitrilotriacetic acid	0	8	92
140-88-5	Ethyl acrylate	0	10	90
141-32-2	Butyl acrylate	1	9	90
142-59-6	Nabam	0	10	90
148-79-8	Thiabendazole	2	51	47
149-30-4	2-Mercaptobenzothiazole (MBT)	2	52	46
150-50-5	Merphos	22	0	78
151-56-4	Ethyleneimine (Aziridine)	1	55	44
156-62-7	Calcium cyanamide	2	98	0
298-00-0	Methyl parathion	2	6	92

CAS Number	Chemical Name	% of §6.1 to §:		
		1	25	74
302-01-2	Hydrazine	0	15	85
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane	1	98	1
309-00-2	Aldrin	62	1	37
314-40-9	Bromacil	2	53	45
330-54-1	Diuron	2	50	48
330-55-2	Linuron	5	41	54
333-41-5	Diazinon	12	7	81
353-59-3	Bromochlorodifluoromethane	1	98	1
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	3	84	13
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	3	84	13
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane	1	98	1
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane	0	99	1
357-57-3	Brucine	1	55	44
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane	3	96	1
460-35-5	3-Chloro-1,1,1-trifluoropropane	1	98	1
463-58-1	Carbonyl sulfide	0	84	16
465-73-6	Isodrin	62	1	37
492-80-8	C.I. Solvent Yellow 34 (Auramine)	2	50	48
505-60-2	Mustard gas	0	0	100
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane	3	96	1
510-15-6	Chlorobenzilate	39	3	58
528-29-0	o-Dinitrobenzene	1	54	45
533-74-4	Dazomet	0	3	97
534-52-1	4,6-Dinitro-o-cresol	2	53	45
540-59-0	1,2-Dichloroethylene	1	74	25
541-41-3	Ethyl chloroformate	1	43	56
541-53-7	2,4-Dithiobiuret	1	51	48
541-73-1	1,3-Dichlorobenzene	8	47	45
542-75-6	1,3-Dichloropropylene	1	44	55
542-76-7	3-Chloropropionitrile	1	55	44
542-88-1	Bis(chloromethyl) ether	0	0	100
554-13-2	Lithium carbonate	2	98	0
556-61-6	Methyl isothiocyanate	0	0	100
563-47-3	3-Chloro-2-methyl-1-propene	1	93	6
584-84-9	Toluene-2,4-diisocyanate	2	1	97
606-20-2	2,6-Dinitrotoluene	2	53	45
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	9	32	59
621-64-7	N-Nitrosodi-n-propylamine	1	54	45
624-83-9	Methyl isocyanate	0	0	100

**Table IV. Removal and Destruction Rates for POTWs**

CAS Number	Chemical Name	% of §6.1 to §:		
		2	52	46
630-20-6	1,1,1,2-Tetrachloroethane	3	82	15
636-21-5	o-Toluidine hydrochloride	1	54	45
684-93-5	N-Nitroso-N-methylurea	1	55	44
709-98-8	Propanil (N-(3,4-Dichlorophenyl)propanamide)	4	44	52
759-73-9	N-Nitroso-N-ethylurea	1	55	44
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	5	41	54
764-41-0	1,4-Dichloro-2-butene	1	84	15
834-12-8	Ametryn	4	45	51
872-50-4	N-Methyl-2-pyrrolidone	0	8	92
924-42-5	N-Methylolacrylamide	0	8	92
961-11-5	Tetrachlorvinphos	7	11	82
1120-71-4	Propane sultone	1	29	70
1163-19-5	Decabromodiphenyl oxide	62	1	37
1313-27-5	Molybdenum trioxide	2	98	0
1314-20-1	Thorium dioxide	90	10	0
1319-77-3	Cresol (mixed isomers)	0	8	92
1320-18-9	2,4-D propylene glycol butyl ether ester	15	0	85
1330-20-7	Xylene (mixed isomers)	3	17	80
1336-36-3	Polychlorinated biphenyls (PCBs)	61	1	38
1344-28-1	Aluminum oxide (fibrous forms)	2	98	0
1464-53-5	Diepoxybutane	1	25	74
1563-66-2	Carbofuran	1	7	92
1582-09-8	Trifluralin	57	3	40
1634-04-4	Methyl tert-butyl ether	1	60	39
1649-08-7	1,2-Dichloro-1,1-difluoroethane	1	97	2
1689-84-5	Bromoxynil	6	13	81
1689-99-2	Bromoxynil octanoate	38	0	62
1717-00-6	1,1-Dichloro-1-fluoroethane	1	96	3
1861-40-1	Benfluralin	56	3	41
1897-45-6	Chlorothalonil	3	18	79
1910-42-5	Paraquat dichloride	1	55	44
1912-24-9	Atrazine	3	74	23
1918-00-9	Dicamba	1	53	46
1918-02-1	Picloram	2	90	8
1918-16-7	Propachlor	1	24	75
1928-43-4	2,4-D 2-ethylhexyl ester	22	0	78
1929-73-3	2,4-D butoxyethyl ester	12	1	87
1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	7	36	57
1982-69-0	Sodium dicamba	1	53	46
2164-07-0	Dipotassium endothall	1	24	75

CAS Number	Chemical Name	% of §6.1 to §:		
		2	52	46
2234-13-1	Octachloronaphthalene	62	1	37
2300-66-5	Dimethylamine dicamba	1	54	45
2303-16-4	Diallate	21	14	65
2303-17-5	Triallate	35	5	60
2312-35-8	Propargite	42	44	14
2699-79-8	Sulfuryl fluoride	2	98	0
2702-72-9	2,4-D sodium salt	2	6	92
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane	0	99	1
2971-38-2	2,4-D chlorocrotyl ester	16	0	84
3383-96-8	Temephos	38	0	62
3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt)	1	25	74
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1	55	44
4170-30-3	Crotonaldehyde	0	10	90
4549-40-0	N-Nitrosomethylvinylamine	9	51	40
5234-68-4	Carboxin	1	24	75
7287-19-6	Prometryn	11	56	33
7429-90-5	Aluminum (fume or dust)	66	34	0
7439-92-1	Lead	63	37	NA
7439-96-5	Manganese	39	61	NA
7439-97-6	Mercury	69	31	NA
7440-02-0	Nickel	38	62	NA
7440-22-4	Silver	66	34	NA
7440-28-0	Thallium	54	46	NA
7440-36-0	Antimony	32	68	NA
7440-38-2	Arsenic	49	51	NA
7440-39-3	Barium	69	31	NA
7440-41-7	Beryllium	37	63	NA
7440-43-9	Cadmium	68	32	NA
7440-47-3	Chromium	76	24	NA
7440-48-4	Cobalt	32	68	NA
7440-50-8	Copper	72	28	NA
7440-62-2	Vanadium (except when contained in an alloy)	32	68	NA
7440-66-6	Zinc (fume or dust)	66	34	NA
7550-45-0	Titanium tetrachloride	2	98	0
7632-00-0	Sodium nitrite	2	98	0
7637-07-2	Boron trifluoride	2	98	0
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	0	0	100



**Table IV. Removal and Destruction Rates for POTWs**

CAS Number	Chemical Name	% of §6.1 to §:		
		6	7	8
7664-39-3	Hydrogen fluoride	2	98	0
7664-41-7	Ammonia	0	40	60
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	0	0	100
7697-37-2	Nitric acid	0	0	100
7723-14-0	Phosphorus (yellow or white)	60	40	0
7726-95-6	Bromine	2	98	0
7758-01-2	Potassium bromate	2	98	0
7782-41-4	Fluorine	2	98	0
7782-49-2	Selenium	44	56	NA
7782-50-5	Chlorine	2	98	0
7803-51-2	Phosphine	2	98	0
8001-35-2	Toxaphene	62	1	37
10028-15-6	Ozone	2	98	0
10034-93-2	Hydrazine sulfate	2	98	0
10049-04-4	Chlorine dioxide	2	98	0
10061-02-6	trans-1,3-Dichloropropene	1	31	68
10294-34-5	Boron trichloride	2	98	0
12122-67-7	Zineb	0	2	98
12427-38-2	Maneb	2	98	0
13194-48-4	Ethoprop	10	29	61
13684-56-5	Desmedipham	5	9	86
15972-60-8	Alachlor	7	11	82
17804-35-2	Benomyl	1	49	50
19044-88-3	Oryzalin	3	49	48
19666-30-9	Oxydiazon	40	3	57
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	1	55	44
20816-12-0	Osmium tetroxide	2	98	0
20859-73-8	Aluminum phosphide	2	98	0
21087-64-9	Metribuzin	1	54	45
21725-46-2	Cyanazine	2	76	22
22781-23-3	Bendiocarb	1	23	76
23564-05-8	Thiophanate-methyl	1	25	74
23950-58-5	Pronamide	10	30	60
25321-14-6	Dinitrotoluene (mixed isomers)	1	53	46
25321-22-6	Dichlorobenzene (mixed isomers)	8	47	45
25376-45-8	Diaminotoluene (mixed isomers)	1	78	21
26002-80-2	Phenothrin	38	0	62
26471-62-5	Toluene diisocyanate (mixed isomers)	2	1	97
26628-22-8	Sodium azide	2	98	0

CAS Number	Chemical Name	% of §6.1 to §:		
		6	7	8
28249-77-6	Thiobencarb	8	35	57
30560-19-1	Acephate	1	55	44
34014-18-1	Tebuthiuron	2	77	21
34077-87-7	Dichlorotrifluoroethane	1	98	1
35367-38-5	Diflubenzuron	13	6	81
35554-44-0	Imazalil	15	21	64
40487-42-1	Pendimethalin	47	1	52
42874-03-3	Oxyfluorfen	39	3	58
43121-43-3	Triadimefon	3	48	49
51235-04-2	Hexazinone	19	16	65
52645-53-1	Permethrin	38	0	62
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	21	0	79
55290-64-7	Dimethipin	1	55	44
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1	23	76
57213-69-1	Triclopyr triethylammonium salt	1	25	74
59669-26-0	Thiodicarb	1	24	75
60207-90-1	Propiconazole	9	32	59
62476-59-9	Acifluorfen, sodium salt	12	25	63
64902-72-3	Chlorsulfuron	1	54	45
67485-29-4	Hydramethylnon	53	0	47
68359-37-5	Cyfluthrin	38	0	62
71751-41-2	Abamectin	44	2	54
72178-02-0	Fomesafen	3	47	50
77501-63-4	Lactofen	31	0	69
82657-04-3	Bifenthrin	38	0	62
88671-89-0	Myclobutanil	9	32	59
90982-32-4	Chlorimuron ethyl	1	23	76
101200-48-0	Tribenuron methyl	2	22	76
127564-92-5	Dichloropentafluoropropane	3	96	1
N010	Antimony Compounds	32	68	NA
N020	Arsenic Compounds	49	51	NA
N040	Barium Compounds	69	31	NA
N050	Beryllium Compounds	37	63	NA
N078	Cadmium Compounds	68	32	NA
N084	Chlorophenols	54	4	42
N090	Chromium Compounds (except chromite ore mined in the transvaal region)	76	24	NA
N096	Cobalt Compounds	32	68	NA
N100	Copper Compounds	72	28	NA
N106	Cyanide Compounds	2	98	0
N171	Ethylenebisdithiocarbamic acid, salts and esters	2	98	0



**Table IV. Removal and Destruction Rates for POTWs**

CAS Number	Chemical Name	% of §6.1 to §:		
		6	8	92
N230	Certain Glycol Ethers	0	8	92
N270	Hexabromocyclododecane	0	6	94
N420	Lead Compounds	63	37	NA
N450	Manganese Compounds	39	61	NA
N458	Mercury Compounds	69	31	NA
N495	Nickel Compounds	38	62	NA
N503	Nicotine and salts	2	98	0
N511 <sup>a</sup>	Nitrate Compounds	0	10	90
N530	Nonylphenol	60	2	38
N590	Polycyclic Aromatic Compounds	92	7	1
N725	Selenium Compounds	44	56	NA
N740	Silver Compounds	66	34	NA

CAS Number	Chemical Name	% of §6.1 to §:		
		2	98	0
N746	Strychnine and salts	2	98	0
N760	Thallium Compounds	54	46	NA
N770	Vanadium Compounds	32	68	NA
N874	Warfarin And Salts	3	97	0
N982	Zinc Compounds	66	34	NA

<sup>a</sup> N511: Nitrate compounds (water dissociable) are reportable only when in aqueous solution. Removal of nitrate compounds from wastewater and/or aqueous solution therefore constitutes treatment for destruction for TRI reporting purposes. Data source for nitrate removal rate is *US EPA. [2012]. EPIWEB- Estimation Programs Interface Suite™ for Microsoft® Windows, v 4.11. Sewage Treatment Plant Model (STPWIN). United States Environmental Protection Agency, Washington, DC.*