

Table I. NAICS Codes

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

311 Food Manufacturing	
311111	Dog and Cat Food Manufacturing
311119	Other Animal Food Manufacturing (except facilities primarily engaged in Custom Grain Grinding for Animal Feed)
311211	Flour Milling
311212	Rice Milling
311213	Malt Manufacturing
311221	Wet Corn Milling
311224	Soybean and Other Oilseed Processing
311225	Fats and Oils Refining and Blending
311230	Breakfast Cereal Manufacturing
311313	Beet Sugar Manufacturing
311314	Cane Sugar Manufacturing
311351	Chocolate and Confectionery Manufacturing from Cacao Beans
311352	Confectionery Manufacturing from Purchased Chocolate
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
311421	Fruit and Vegetable Canning
311422	Specialty Canning
311423	Dried and Dehydrated Food Manufacturing
311511	Fluid Milk Manufacturing
311512	Creamery Butter Manufacturing
311513	Cheese Manufacturing
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
311520	Ice Cream and Frozen Dessert Manufacturing
311611	Animal (except Poultry) Slaughtering (except for facilities primarily engaged in Custom Slaughtering for individuals)
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)]
311613	Rendering and Meat Byproduct Processing
311615	Poultry Processing
311710	Seafood Product Preparation and Packaging
311812	Commercial Bakeries
311813	Frozen Cakes, Pies, and Other Pastries Manufacturing
311821	Cookie and Cracker Manufacturing
311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
311830	Tortilla Manufacturing
311911	Roasted Nuts and Peanut Butter Manufacturing
311919	Other Snack Food Manufacturing
311920	Coffee and Tea Manufacturing
311930	Flavoring Syrup and Concentrate Manufacturing
311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
311942	Spice and Extract Manufacturing
311991	Perishable Prepared Food Manufacturing
311999	All Other Miscellaneous Food Manufacturing
312 Beverage and Tobacco Product Manufacturing	
312111	Soft Drink Manufacturing
312112	Bottled Water Manufacturing (except facilities primarily engaged in bottling mineral or spring water)
312113	Ice Manufacturing
312120	Breweries
312130	Wineries
312140	Distilleries
312210	Tobacco Stemming and Redrying
312230	Tobacco Manufacturing
313 Textile Mills	
313110	Fiber, Yarn, and Thread Mills
313210	Broadwoven Fabric Mills
313220	Narrow Fabric Mills and Schiffl Machine Embroidery
313230	Nonwoven Fabric Mills
313241	Knit Fabric Mills
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)
313320	Fabric Coating Mills
314 Textile Product Mills	
314110	Carpet and Rug Mills

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314120	Curtain and Linen Mills (except facilities primarily engaged in making custom drapery for retail sale)	322	Paper Manufacturing
314910	Textile Bag and Canvas Mills	322110	Pulp Mills
314994	Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills	322121	Paper (except Newsprint) Mills
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)	322122	Newsprint Mills
315	Apparel Manufacturing	322130	Paperboard Mills
315110	Hosiery and Sock Mills	322211	Corrugated and Solid Fiber Box Manufacturing
315190	Other Apparel Knitting Mills	322212	Folding Paperboard Box Manufacturing
315210	Cut and Sew Apparel Contractors	322219	Other Paperboard Container Manufacturing
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)	322220	Paper Bag and Coated and Treated Paper Manufacturing
315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing	322230	Stationery Product Manufacturing
315280	Other Cut and Sew Apparel Manufacturing	322291	Sanitary Paper Product Manufacturing
315990	Apparel Accessories and Other Apparel Manufacturing	322299	All Other Converted Paper Product Manufacturing
316	Leather and Allied Product Manufacturing	323	Printing and Related Support Activities
316110	Leather and Hide Tanning and Finishing	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.e., instant printing))
316210	Footwear Manufacturing	323113	Commercial Screen Printing
316992	Women's Handbag and Purse Manufacturing	323117	Books Printing
316998	All Other Leather Good and Allied Product Manufacturing	323120	Support Activities for Printing
321	Wood Product Manufacturing	324	Petroleum and Coal Products Manufacturing
321113	Sawmills	324110	Petroleum Refineries
321114	Wood Preservation	324121	Asphalt Paving Mixture and Block Manufacturing
321211	Hardwood Veneer and Plywood Manufacturing	324122	Asphalt Shingle and Coating Materials Manufacturing
321212	Softwood Veneer and Plywood Manufacturing	324191	Petroleum Lubricating Oil and Grease Manufacturing
321213	Engineered Wood Member (except Truss) Manufacturing	324199	All Other Petroleum and Coal Products Manufacturing
321214	Truss Manufacturing	325	Chemical Manufacturing
321219	Reconstituted Wood Product Manufacturing	325110	Petrochemical Manufacturing
321911	Wood Window and Door Manufacturing	325120	Industrial Gas Manufacturing
321912	Cut Stock, Resawing Lumber, and Planing	325130	Synthetic Dye and Pigment Manufacturing
321918	Other Millwork (including Flooring)	325180	Other Basic Inorganic Chemical Manufacturing
321920	Wood Container and Pallet Manufacturing	325193	Ethyl Alcohol Manufacturing
321991	Manufactured Home (Mobile Home) Manufacturing	325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
321992	Prefabricated Wood Building Manufacturing	325199	All Other Basic Organic Chemical Manufacturing
321999	All Other Miscellaneous Wood Product Manufacturing	325211	Plastics Material and Resin Manufacturing

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325212	Synthetic Rubber Manufacturing	326220	Rubber and Plastics Hoses and Belting Manufacturing
325220	Artificial and Synthetic Fibers and Filaments Manufacturing	326291	Rubber Product Manufacturing for Mechanical Use
325311	Nitrogenous Fertilizer Manufacturing	326299	All Other Rubber Product Manufacturing
325312	Phosphatic Fertilizer Manufacturing		
325314	Fertilizer (Mixing Only) Manufacturing	327	Nonmetallic Mineral Product Manufacturing
325320	Pesticide and Other Agricultural Chemical Manufacturing		
325411	Medicinal and Botanical Manufacturing	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
325412	Pharmaceutical Preparation Manufacturing	327120	Clay Building Material and Refractories Manufacturing
325413	In-Vitro Diagnostic Substance Manufacturing	327211	Flat Glass Manufacturing
325414	Biological Product (except Diagnostic) Manufacturing	327212	Other Pressed and Blown Glass and Glassware Manufacturing
325510	Paint and Coating Manufacturing	327213	Glass Container Manufacturing
325520	Adhesive Manufacturing	327215	Glass Product Manufacturing Made of Purchased Glass
325611	Soap and Other Detergent Manufacturing	327310	Cement Manufacturing
325612	Polish and Other Sanitation Good Manufacturing	327320	Ready-Mix Concrete Manufacturing
325613	Surface Active Agent Manufacturing	327331	Concrete Block and Brick Manufacturing
325620	Toilet Preparation Manufacturing	327332	Concrete Pipe Manufacturing
325910	Printing Ink Manufacturing	327390	Other Concrete Product Manufacturing
325920	Explosives Manufacturing	327410	Lime Manufacturing
325991	Custom Compounding of Purchased Resins	327420	Gypsum Product Manufacturing
325992	Photographic Film, Paper, Plate, and Chemical Manufacturing	327910	Abrasive Product Manufacturing
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing (except facilities primarily engaged in Aerosol can filling on a job order or contract Basis)	327991	Cut Stone and Stone Product Manufacturing
		327992	Ground or Treated Mineral and Earth Manufacturing
		327993	Mineral Wool Manufacturing
		327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
326	Plastics and Rubber Products Manufacturing	331	Primary Metal Manufacturing
326111	Plastics Bag and Pouch Manufacturing	331110	Iron and Steel Mills and Ferroalloy Manufacturing
326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing	331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing	331221	Rolled Steel Shape Manufacturing
326121	Unlaminated Plastics Profile Shape Manufacturing	331222	Steel Wire Drawing
326122	Plastics Pipe and Pipe Fitting Manufacturing	331313	Alumina Refining and Primary Aluminum Production
326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	331314	Secondary Smelting and Alloying of Aluminum
326140	Polystyrene Foam Product Manufacturing	331315	Aluminum Sheet, Plate, and Foil Manufacturing
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing	331318	Other Aluminum Rolling, Drawing, and Extruding
326160	Plastics Bottle Manufacturing	331410	Nonferrous Metal (except Aluminum) Smelting and Refining
326191	Plastics Plumbing Fixture Manufacturing	331420	Copper Rolling, Drawing, Extruding, and Alloying
326199	All Other Plastics Product Manufacturing		
326211	Tire Manufacturing (except Retreading)		

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331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	332911	Industrial Valve Manufacturing
331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)	332912	Fluid Power Valve and Hose Fitting Manufacturing
331511	Iron Foundries	332913	Plumbing Fixture Fitting and Trim Manufacturing
331512	Steel Investment Foundries	332919	Other Metal Valve and Pipe Fitting Manufacturing
331513	Steel Foundries (except Investment)	332991	Ball and Roller Bearing Manufacturing
331523	Nonferrous Metal Die-Casting Foundries	332992	Small Arms Ammunition Manufacturing
331524	Aluminum Foundries (except Die-Casting)	332993	Ammunition (except Small Arms) Manufacturing
331529	Other Nonferrous Metal Foundries (except Die-Casting)	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
332	Fabricated Metal Product Manufacturing	332996	Fabricated Pipe and Pipe Fitting Manufacturing
332111	Iron and Steel Forging	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
332112	Nonferrous Forging	333	Machinery Manufacturing
332114	Custom Roll Forming	333111	Farm Machinery and Equipment Manufacturing
332117	Powder Metallurgy Part Manufacturing	333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
332119	Metal Crown, Closure, and Other Metal Stamping (Except Automotive)	333120	Construction Machinery Manufacturing
332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing	333131	Mining Machinery and Equipment Manufacturing
332216	Saw Blade and Hand tool Manufacturing	333132	Oil and Gas Field Machinery and Equipment Manufacturing
332311	Prefabricated Metal Building and Component Manufacturing	333241	Food Product Machinery Manufacturing
332312	Fabricated Structural Metal Manufacturing	333242	Semiconductor Machinery Manufacturing
332313	Plate Work Manufacturing	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
332321	Metal Window and Door Manufacturing	333244	Printing Machinery and Equipment Manufacturing
332322	Sheet Metal Work Manufacturing	333249	Other Industrial Machinery Manufacturing
332323	Ornamental and Architectural Metal Work Manufacturing	333314	Optical Instrument and Lens Manufacturing
332410	Power Boiler and Heat Exchanger Manufacturing	333316	Photographic and Photocopying Equipment Manufacturing
332420	Metal Tank (Heavy Gauge) Manufacturing	333318	Other Commercial and Service Industry Machinery Manufacturing
332431	Metal Can Manufacturing	333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing
332439	Other Metal Container Manufacturing	333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
332510	Hardware Manufacturing	333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
332613	Spring Manufacturing	333511	Industrial Mold Manufacturing
332618	Other Fabricated Wire Product Manufacturing	333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
332710	Machine Shops	333515	Cutting Tool and Machine Tool Accessory Manufacturing
332721	Precision Turned Product Manufacturing	333517	Machine Tool Manufacturing
332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing		
332811	Metal Heat Treating		
332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers		
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring		

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333519	Rolling Mill and Other Metalworking Machinery Manufacturing	334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
333611	Turbine and Turbine Generator Set Units Manufacturing	334419	Other Electronic Component Manufacturing
333612	Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
333613	Mechanical Power Transmission Equipment Manufacturing	334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
333618	Other Engine Equipment Manufacturing	334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
333912	Air and Gas Compressor Manufacturing	334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	334514	Totalizing Fluid Meter and Counting Device Manufacturing
333921	Elevator and Moving Stairway Manufacturing	334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
333922	Conveyor and Conveying Equipment Manufacturing	334516	Analytical Laboratory Instrument Manufacturing
333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing	334517	Irradiation Apparatus Manufacturing
333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing	334519	Other Measuring and Controlling Device Manufacturing
333991	Power-Driven Handtool Manufacturing	334613	Blank Magnetic and Optical Recording Media Manufacturing
333992	Welding and Soldering Equipment 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)
333993	Packaging Machinery Manufacturing		
333994	Industrial Process Furnace and Oven Manufacturing		
333995	Fluid Power Cylinder and Actuator Manufacturing		
333996	Fluid Power Pump and Motor Manufacturing		
333997	Scale and Balance Manufacturing		
333999	All Other Miscellaneous General Purpose Machinery Manufacturing		
334	Computer and Electronic Product Manufacturing	335	Electrical Equipment, Appliance, and Component Manufacturing
334111	Electronic Computer Manufacturing	335110	Electric Lamp Bulb and Part Manufacturing
334112	Computer Storage Device Manufacturing	335121	Residential Electric Lighting Fixture Manufacturing
334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing	335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing
334210	Telephone Apparatus Manufacturing	335129	Other Lighting Equipment Manufacturing
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	335210	Small Electrical Appliance Manufacturing
334290	Other Communications Equipment Manufacturing	335220	Major Household Appliance Manufacturing
334310	Audio and Video Equipment Manufacturing	335311	Power, Distribution, and Specialty Transformer Manufacturing
334412	Bare Printed Circuit Board Manufacturing	335312	Motor and Generator Manufacturing (except facilities primarily engaged in armature rewinding on a factory basis)
334413	Semiconductor and Related Device Manufacturing	335313	Switchgear and Switchboard Apparatus Manufacturing
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	335314	Relay and Industrial Control Manufacturing
334417	Electronic Connector Manufacturing	335911	Storage Battery Manufacturing
		335912	Primary Battery Manufacturing
		335921	Fiber Optic Cable Manufacturing

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335929	Other Communication and Energy Wire Manufacturing	337 Furniture and Related Product Manufacturing	
335931	Current-Carrying Wiring Device Manufacturing		
335932	Noncurrent-Carrying Wiring Device Manufacturing		
335991	Carbon and Graphite Product Manufacturing		
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing		
336	Transportation Equipment Manufacturing		
336111	Automobile 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)
336112	Light Truck and Utility Vehicle 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)
336120	Heavy Duty Truck Manufacturing	337122	Non-upholstered Wood Household Furniture Manufacturing (except facilities primarily engaged in the retail sale of household furniture and that manufacture non-upholstered, household type, custom wood furniture)
336211	Motor Vehicle Body Manufacturing	337124	Metal Household Furniture Manufacturing
336212	Truck Trailer Manufacturing	337125	Household Furniture (except Wood and Metal) Manufacturing
336213	Motor Home Manufacturing	337127	Institutional Furniture Manufacturing
336214	Travel Trailer and Camper Manufacturing	337211	Wood Office Furniture Manufacturing
336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing	337212	Custom Architectural Woodwork and Millwork Manufacturing
336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing	337214	Office Furniture (except Wood) Manufacturing
336330	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing	337215	Showcase, Partition, Shelving, and Locker Manufacturing
336340	Motor Vehicle Brake System Manufacturing	337910	Mattress Manufacturing
336350	Motor Vehicle Transmission and Power Train Parts Manufacturing	337920	Blind and Shade Manufacturing
336360	Motor Vehicle Seating and Interior Trim Manufacturing	339	Miscellaneous Manufacturing
336370	Motor Vehicle Metal Stamping	339112	Surgical and Medical Instrument Manufacturing
336390	Motor Vehicle Parts Manufacturing	339113	Surgical Appliance and Supplies Manufacturing (except facilities primarily engaged in manufacturing orthopedic devices to prescription in a retail environment)
336411	Aircraft Manufacturing	339114	Dental Equipment and Supplies Manufacturing
336412	Aircraft Engine and Engine Parts Manufacturing	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)
336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing	339910	Jewelry and Silverware Manufacturing
336414	Guided Missile and Space Vehicle Manufacturing	339912	Silverware and Hollowware Manufacturing
336415	Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing	339913	Jewelers' Material and Lapidary Work Manufacturing
336419	Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing	339914	Costume Jewelry and Novelty Manufacturing
336510	Railroad Rolling Stock Manufacturing	339920	Sporting and Athletic Goods Manufacturing
336611	Ship Building and Repairing	339930	Doll Toy, and Game Manufacturing
336612	Boat Building	339932	Game, Toy, and Children's Vehicle Manufacturing
336991	Motorcycle, Bicycle, and Parts Manufacturing	339940	Office Supplies (except Paper) Manufacturing
336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing	339942	Lead Pencil and Art Goods Manufacturing
336999	All Other Transportation Equipment Manufacturing		

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339943	Marking Device Manufacturing	511140	Directory and Mailing List Publishers (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)
339944	Carbon Paper and Inked Ribbon Manufacturing	511191	Greeting Card Publishers
339950	Sign Manufacturing	511199	All Other Publishers
339991	Gasket, Packing, and Sealing Device Manufacturing	512250	Record Production and Distribution
339992	Musical Instrument Manufacturing	512230	Music Publishers (except facilities primarily Engaged in Music copyright authorizing use, Music copyright buying and licensing, and Music publishers working on their own account)
339993	Fastener, Button, Needle, and Pin Manufacturing	519130	Internet Publishing and Broadcasting and Web Search portals (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)
339994	Broom, Brush, and Mop Manufacturing	541713	Research and Development in Nanotechnology
339995	Burial Casket Manufacturing	541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology) (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)
339999	All Other Miscellaneous Manufacturing	811490	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))
113310	Logging		
111998	All Other Miscellaneous Crop Farming (Limited to facilities primarily engaged in reducing maple sap to maple syrup)		
211130	Natural Gas Extraction (limited to facilities that recover sulfur from natural gas)		
212324	Kaolin and Ball Clay Mining (limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating kaolin and clay)		
212325	Clay and Ceramic and Refractory Minerals Mining (limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating clay and ceramic and refractory minerals)		
212393	Other Chemical and Fertilizer Mineral Mining (limited to facilities operating without a mine or quarry that are primarily engaged in beneficiating chemical or fertilizer mineral raw materials)		
212399	All Other Nonmetallic Mineral Mining (limited to facilities operating without a mine or quarry that are primarily engaged in beneficiating nonmetallic minerals)		
488390	Other Support Activities for Water Transportation (limited to facilities that are primarily engaged in providing routine repair and maintenance of ships and boats from floating drydocks)		
511110	Newspaper Publishers		
511120	Periodical Publishers		
511130	Book Publishers		

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

212	Mining (except Oil and Gas)
212111	Bituminous Coal and Lignite Surface Mining
212112	Bituminous Coal Underground Mining
212113	Anthracite Mining
212221	Gold Ore Mining
212222	Silver Ore Mining
212230	Copper, Nickel, Lead, and Zinc Mining
212299	All Other Metal Ore Mining
2211	Electric Utilities (limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce)
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	Steam and Air Conditioning Supply (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	Other Chemical and Allied Products Merchant Wholesalers
424710	Petroleum Bulk Stations and Terminals
425110	Business to Business Electronic Markets (limited to facilities previously classified in 5169, Chemicals and Allied Products, NEC)
425120	Wholesale Trade Agents and Brokers (limited to facilities previously classified in 5169, Chemicals and Allied Products, NEC)
562112	Hazardous Waste Collection (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis)
562211	Hazardous Waste Treatment and Disposal (limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921, <i>et seq.</i>)
562212	Solid Waste Landfill (limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921, <i>et seq.</i>)

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562213	Solid Waste Combustors and Incinerators (Limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921 <i>et seq.</i>)
562219	Other Nonhazardous Waste Treatment and Disposal (Limited to facilities regulated under the Resource Conservation and Recovery Act, subtitle C, 42 U.S.C. 6921 <i>et seq.</i>)
562920	Materials Recovery Facilities (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 2019 (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: Chemicals may be added to or deleted from the list. The TRI website (<https://www.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals>) provides up-to-date information on the status of 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). Separate supplier notification requirements can be found here: <https://www.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals>.

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

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Chemical/ Chemical Category	CAS Number	Qualifier
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 manufacture of that chemical.)	NA	Only 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.
Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	67-63-0	Only 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.
Saccharin (only persons who manufacture are subject, no supplier notification)	81-07-2	Only 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 thresholds, 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 aerosols generated from aqueous solutions are.

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 2019

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: <https://www.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals>).

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 α ,4 α ,4a β ,5 α ,8 α ,8a β)-]	*
28057-48-9	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethrene]	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-(methylthio)-1,3,5,-triazine-2,4-diamine)	1.0
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1

CAS Number	Chemical Name	De minimis % Limit
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
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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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-hydroxybenzoxynitrile)	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
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

CAS Number	Chemical Name	De minimis % Limit
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-triazabenzodiazepane chloride	1.0
106-47-8	p-Chloroaniline	0.1
108-90-7	Chlorobenzene	1.0
510-15-6	Chlorobenzilate [Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester]	1.0
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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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
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

CAS Number	Chemical Name	De minimis % Limit
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
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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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 sulfate	0.1
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'-Methylenebis(4-chlorophenol)]	1.0

CAS Number	Chemical Name	De minimis % Limit
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- α -(4-chlorophenyl)- α -(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 dihydrochloride (o-Dianisidine dihydrochloride)	0.1
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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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	0.1
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
136-45-8	Dipropyl isocinchomeronate	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

CAS Number	Chemical Name	De minimis % Limit
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 [α -(2-Chlorophenyl)- α -(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-benzoxazolyl)oxy)phenoxy)propanoic acid, ethyl ester]	1.0
72490-01-8	Fenoxycarb [[2-(4-Phenoxyphenoxy)ethyl]carbamate ethyl ester]	1.0
39515-41-8	Fenpropathrin [2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
55-38-9	Fenthion [O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl]ester, phosphorothioic acid]	1.0
51630-58-1	Fenvalerate [4-Chloro- α -(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
14484-64-1	Ferbam [Tris(dimethylcarbamo-dithioate o-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

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CAS Number	Chemical Name	De minimis % Limit
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-Hexachlorocyclohexane	0.1
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	*

CAS Number	Chemical Name	De minimis % Limit
25311-71-1	Isufenphos [2-[[Ethoxyl[(1-methylethyl)amino]phosphino thioyl]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
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 α ,2 α ,3 β ,4 α ,5 α ,6 β -)]	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)	0.1
7439-97-6	Mercury	*
150-50-5	Merphos	1.0
126-98-7	Methacrylonitrile	1.0
137-42-8	Metham sodium (Sodium methylthiocarbamate)	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

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CAS Number	Chemical Name	De minimis % Limit
72-43-5	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]]	*
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	0.1
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 [α -Butyl- α -(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
139-13-9	Nitriilotriacetic acid	0.1

CAS Number	Chemical Name	De minimis % Limit
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-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]	1.0
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

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CAS Number	Chemical Name	De minimis % Limit
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	Phenytol	0.1
75-44-5	Phosgene	1.0
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

CAS Number	Chemical Name	De minimis % Limit
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
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-quinoxalanyl)oxy]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

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CAS Number	Chemical Name	De minimis % Limit
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 forms of any particle size)	1.0
2699-79-8	Sulfuryl fluoride (Vikane)	1.0
35400-43-2	Sulprofos [O-Ethyl O-[4-(methylthio)phenyl]phosphoro dithioic 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]	0.1
64-75-5	Tetracycline hydrochloride	1.0
116-14-3	Tetrafluoroethylene	0.1
509-14-8	Tetranitromethane	0.1

CAS Number	Chemical Name	De minimis % Limit
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-isindol-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-Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethylester]	1.0
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-hydroxyethyl)-, dimethyl ester]	1.0
76-02-8	Trichloroacetyl chloride	1.0

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CAS Number	Chemical Name	De minimis % Limit
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
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

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-hydroxyethyl)-, 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 α ,2 α ,3 β ,4 α ,5 α ,6 β)-]	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
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

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CAS Number	Chemical Name	De minimis % Limit
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	0.1
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
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	Dichlorodifluoromethane (HCFC-21)	1.0
75-44-5	Phosgene	1.0

CAS Number	Chemical Name	De minimis % Limit
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
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

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CAS Number	Chemical Name	De minimis % Limit
79-34-5	1,1,2,2-Tetrachloroethane	0.1
79-44-7	Dimethylcarbamy 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	Quintozone (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
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	Dihydro safrole	0.1
94-59-7	Safrole	0.1
94-74-6	Methoxone ((4-Chloro-2-methylphenoxy)acetic acid) (MCPA)	0.1

CAS Number	Chemical Name	De minimis % Limit
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
97-56-3	C.I. Solvent Yellow 3	0.1
98-07-7	Benzoic trichloride (Benzotrachloride)	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)benzamine	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

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CAS Number	Chemical Name	De minimis % Limit
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 (Ethylene dichloride)	0.1
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

CAS Number	Chemical Name	De minimis % Limit
115-32-2	Dicofol [Benzenemethanol, 4-chloro- α -(4-chlorophenyl)- α -(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	*
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

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CAS Number	Chemical Name	De minimis % Limit
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, 3-amino-2,5-dichloro-]	1.0
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 isocinchomeronate	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	Nitilotriacetic 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	Thiabenzazole [2-(4-Thiazolyl)-1H-benzimidazole]	1.0
149-30-4	2-Mercaptobenzothiazole (MBT)	0.1
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 α ,4 α ,4a β ,5 α ,8 α ,8a β)-]	*
314-40-9	Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione)	1.0

CAS Number	Chemical Name	De minimis % Limit
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 [Benzoic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester]	1.0
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

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CAS Number	Chemical Name	De minimis % Limit
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
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

CAS Number	Chemical Name	De minimis % Limit
961-11-5	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl ester]	0.1
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	0.1
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-132b)	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
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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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-carbothioic acid, hexahydro-, S-ethyl ester)	1.0
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

CAS Number	Chemical Name	De minimis % Limit
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-pyridyl)phosphorothioate]	1.0
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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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 including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
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)distanoxane)	1.0
13463-40-6	Iron pentacarbonyl	1.0

CAS Number	Chemical Name	De minimis % Limit
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0
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
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

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CAS Number	Chemical Name	De minimis % Limit
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-allethrine]	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-propylester]	1.0
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	Diethatyl 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

CAS Number	Chemical Name	De minimis % Limit
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- α -(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester]	1.0
52645-53-1	Permethrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, (3-phenoxyphenyl)methyl ester]	1.0
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 [α -(2-Chlorophenyl)- α -(4-chlorophenyl)-5-pyrimidinemethanol]	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

CAS Number	Chemical Name	De minimis % Limit
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
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

CAS Number	Chemical Name	De minimis % Limit
72490-01-8	Fenoxycarb [[2-(4-Phenoxyphenoxy)ethyl]carbamate 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-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester]	1.0
82657-04-3	Bifenthrin	1.0
88671-89-0	Myclobutanil [α -Butyl- α -(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

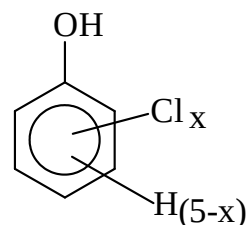
N050 Beryllium Compounds (0.1)

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 $Ca(CN)_2$

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

N120 Diisocyanates (1.0)

This category includes only those chemicals listed below.

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

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> -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-Hexachlorod-benzofuran
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

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.

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

N230 Certain Glycol Ethers (1.0)

R - (OCH₂CH₂)_n - 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.

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.

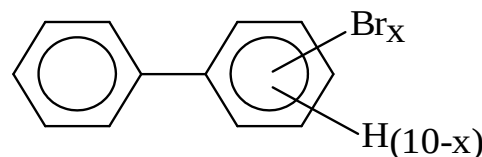
CAS Number	Chemical Name
104-40-5	4-Nonylphenol
11066-49-2	Isononylphenol
25154-52-3	Nonylphenol
26543-97-5	4-Isononylphenol
84852-15-3	4-Nonylphenol, branched
90481-04-2	Nonylphenol, branched

N535 Nonylphenol Ethoxylates (1.0)

This category includes only those chemicals listed below.

CAS Number	Chemical Name
7311-27-5	Ethanol, 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]-
9016-45-9	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-
20427-84-3	Ethanol, 2-[2-(4-nonylphenoxy)ethoxy]-
26027-38-3	Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-
27177-05-5	3,6,9,12,15,18,21-Heptaoxatricosan-1-ol, 23-(nonylphenoxy)-
27177-08-8	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(nonylphenoxy)-
27986-36-3	Ethanol, 2-(nonylphenoxy)-
37205-87-1	Poly(oxy-1,2-ethanediyl), α -(isononylphenyl)- ω hydroxy-
51938-25-1	Poly(oxy-1,2-ethanediyl), α (2-nonylphenyl)- ω -hydroxy-
68412-54-4	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, branched
127087-87-0	Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-, branched

N575 Polybrominated Biphenyls (PBBs) (0.1)

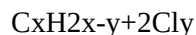


where x = 1 to 10

Table II. EPCRA Section 313 Chemical List for Reporting Year 2019

N583 Polychlorinated alkanes (C₁₀ to C₁₃) (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 C₁₀H₁₉Cl₃ and C₁₃H₁₆Cl₁₂

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

CAS Number	Chemical Name
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 II. EPCRA Section 313 Chemical List for Reporting Year 2019

Table III. Removal and Destruction Rates for POTWs

When completing Sections 6 and 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 III 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 III assigns the portion of the influent diverted to sludge to Section 8.1c (Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills), the portion volatilizing into the air to Section 8.1d (Total other off-site disposal or other 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 III 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 §:		
		8.1c	8.1d	8.7
Arranged by CAS Number				
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
62-73-7	Dichlorvos	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

CAS Number	Chemical Name	% of §6.1 to §:		
		8.1c	8.1d	8.7
64-73-5	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
75-09-2	Dichloromethane	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

Table III. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name	% of §6.1 to §:		
		1	25	74
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
79-19-6	Thiosemicarbazide	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	Dimethylcarbamyl 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	Quintozone	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

CAS Number	Chemical Name	% of §6.1 to §:		
		45	23	32
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
95-48-7	o-Cresol	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

Table III. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name	% of §6.1 to §:		
		1	55	44
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
107-02-8	Acrolein	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

CAS Number	Chemical Name	% of §6.1 to §:		
		2	52	46
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
120-71-8	p-Cresidine	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 isocinchomerate	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

Table III. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name	% of §6.1 to §:		
		2	6	92
298-00-0	Methyl parathion	2	6	92
300-76-5	Naled	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
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

CAS Number	Chemical Name	% of §6.1 to §:		
		4	44	52
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
2164-17-2	Fluometuron	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

Table III. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name	% of §6.1 to §:		
		38	0	62
3383-96-8	Temephos			
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
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

CAS Number	Chemical Name	% of §6.1 to §:		
		2	98	0
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
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

Table III. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name	% of §6.1 to §:		
		31	0	69
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
N230	Certain Glycol Ethers	0	8	92
N270	Hexabromocyclododecane	0	6	94
N420	Lead Compounds	63	37	NA
N450	Manganese Compounds	39	61	NA

CAS Number	Chemical Name	% of §6.1 to §:		
		69	31	NA
N458	Mercury Compounds	69	31	NA
N495	Nickel Compounds	38	62	NA
N503	Nicotine and salts	2	98	0
N511 ^a	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
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

^a 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.