

Table I. NAICS Codes

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

113	Logging		
113310	Logging		
211	Oil and Gas Extraction		
211130	Natural Gas Extraction (limited to facilities that recover sulfur from natural gas, which are facilities previously classified under SIC 2819, Industrial Inorganic Chemicals, Not Elsewhere Classified, or facilities previously classified under SIC 1321, Natural Gas Liquids)		
212	Mining (except Oil and Gas)		
212323	Kaolin, Clay, and Ceramic and Refractory Minerals Mining (limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating kaolin, clay, ceramic, and refractory minerals, which are facilities previously classified under SIC 3295, Minerals and Earths, Ground or Otherwise Treated)		
212390	Other Nonmetallic Mineral Mining and Quarrying (limited to facilities operating without a mine or quarry that are primarily engaged in beneficiating nonmetallic minerals or chemical or fertilizer mineral raw materials, which are facilities previously classified under 2017 NAICS code 212393, Other Chemical and Fertilizer Mineral Mining, or 212399, All Other Nonmetallic Mineral Mining)		
311	Food Manufacturing		
311111	Dog and Cat Food Manufacturing	311351	Chocolate and Confectionery Manufacturing from Cacao Beans
311119	Other Animal Food Manufacturing (except facilities primarily engaged in Custom Grain Grinding for Animal Feed, which are facilities previously classified under SIC 0723, Crop Preparation Services for Market, Except Cotton Ginning)	311352	Confectionery Manufacturing from Purchased Chocolate (except facilities primarily engaged in the retail sale of candy, nuts, popcorn and other confections not for immediate consumption made on the premises, which are facilities previously classified under SIC 5441, Candy, Nut, and Confectionery Stores)
311211	Flour Milling	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, which are facilities previously classified under SIC 5441, Candy, Nut, and Confectionery Stores)
311212	Rice Milling	311411	Frozen Fruit, Juice, and Vegetable Manufacturing
311213	Malt Manufacturing	311412	Frozen Specialty Food Manufacturing
311221	Wet Corn Milling	311421	Fruit and Vegetable Canning
311224	Soybean and Other Oilseed Processing	311422	Specialty Canning
311225	Fats and Oils Refining and Blending	311423	Dried and Dehydrated Food Manufacturing
311230	Breakfast Cereal Manufacturing	311511	Fluid Milk Manufacturing
311313	Beet Sugar Manufacturing	311512	Creamery Butter Manufacturing
311314	Cane Sugar 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, which are facilities previously classified under SIC 0751, Livestock Services, Except Veterinary)
		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, which are facilities previously classified under SIC 5147, Meats and Meat Products)
		311613	Rendering and Meat Byproduct Processing
		311615	Poultry Processing
		311710	Seafood Product Preparation and Packaging
		311811	Retail Bakeries (except facilities previously classified under SIC 5461, Retail Bakeries)
		311812	Commercial Bakeries

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311813	Frozen Cakes, Pies, and Other Pastries Manufacturing	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, which are facilities previously classified under SIC 5131, Piece Goods, Notions, and Other Dry Goods; and facilities previously classified under SIC 7389, Business Services, Not Elsewhere Classified. This exception does not apply to facilities primarily engaged in solvent recovery services on a contract or fee basis)
311821	Cookie and Cracker Manufacturing	313320	Fabric Coating Mills
311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	314	Textile Product Mills
311830	Tortilla Manufacturing	314110	Carpet and Rug Mills
311911	Roasted Nuts and Peanut Butter Manufacturing	314120	Curtain and Linen Mills (except facilities primarily engaged in making custom drapery for retail sale, which are facilities previously classified under SIC 5714, Drapery, Curtain, and Upholstery Stores)
311919	Other Snack Food Manufacturing	314910	Textile Bag and Canvas Mills
311920	Coffee and Tea Manufacturing	314994	Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills
311930	Flavoring Syrup and Concentrate Manufacturing	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, which are facilities previously classified under SIC 7389, Business Services, Not Elsewhere Classified. This exception does not apply to facilities primarily engaged in solvent recovery services on a contract or fee basis.)
311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	315	Apparel Manufacturing
311942	Spice and Extract Manufacturing	315120	Apparel Knitting Mills
311991	Perishable Prepared Food Manufacturing	315210	Cut and Sew Apparel Contractors
311999	All Other Miscellaneous Food Manufacturing	315250	Cut and Sew Apparel Manufacturing (except Contractors). (except custom tailors primarily engaged in making and selling men's and boy's suits, cut and sewn from purchased fabric)
312	Beverage and Tobacco Product Manufacturing	315290	Other Cut and Sew Apparel Manufacturing (except facilities previously classified under SIC 5699, Miscellaneous Apparel and Accessory Stores)
312111	Soft Drink Manufacturing	315990	Apparel Accessories and Other Apparel Manufacturing
312112	Bottled Water Manufacturing (except facilities primarily engaged in bottling mineral or spring water, which are facilities previously classified under SIC 5149, Groceries and Related Products, Not Elsewhere Classified)		
312113	Ice Manufacturing		
312120	Breweries		
312130	Wineries		
312140	Distilleries		
312210	Tobacco Stemming and Redrying		
312230	Tobacco Manufacturing (except facilities previously classified under SIC 7389, Business Services, Not Elsewhere Classified. This exception does not apply to facilities primarily engaged in solvent recovery services on a contract or fee basis)		
313	Textile Mills		
313110	Fiber, Yarn, and Thread Mills		
313210	Broadwoven Fabric Mills		
313220	Narrow Fabric Mills and Schiffli Machine Embroidery		
313230	Nonwoven Fabric Mills		
313241	Knit Fabric Mills		

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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>i.e.</i> , instant printing, which are facilities previously classified under SIC 7334, Photocopying and Duplicating Services)
316210	Footwear Manufacturing	323113	Commercial Screen Printing
316990	Other Leather and Allied Product Manufacturing	323117	Books Printing
321	Wood Product Manufacturing	323120	Support Activities for Printing
321113	Sawmills	324	Petroleum and Coal Products Manufacturing
321114	Wood Preservation	324110	Petroleum Refineries
321211	Hardwood Veneer and Plywood Manufacturing	324121	Asphalt Paving Mixture and Block Manufacturing
321212	Softwood Veneer and Plywood Manufacturing	324122	Asphalt Shingle and Coating Materials Manufacturing
321215	Engineered Wood Member Manufacturing	324191	Petroleum Lubricating Oil and Grease Manufacturing
321219	Reconstituted Wood Product Manufacturing	324199	All Other Petroleum and Coal Products Manufacturing
321911	Wood Window and Door Manufacturing	325	Chemical Manufacturing
321912	Cut Stock, Resawing Lumber, and Planing	325110	Petrochemical Manufacturing
321918	Other Millwork (including Flooring)	325120	Industrial Gas Manufacturing
321920	Wood Container and Pallet Manufacturing	325130	Synthetic Dye and Pigment Manufacturing
321991	Manufactured Home (Mobile Home) Manufacturing	325180	Other Basic Inorganic Chemical Manufacturing
321992	Prefabricated Wood Building Manufacturing	325193	Ethyl Alcohol Manufacturing
321999	All Other Miscellaneous Wood Product Manufacturing	325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
322	Paper Manufacturing	325199	All Other Basic Organic Chemical Manufacturing
322110	Pulp Mills	325211	Plastics Material and Resin Manufacturing
322120	Paper Mills	325212	Synthetic Rubber Manufacturing
322130	Paperboard Mills	325220	Artificial and Synthetic Fibers and Filaments Manufacturing
322211	Corrugated and Solid Fiber Box Manufacturing	325311	Nitrogenous Fertilizer Manufacturing
322212	Folding Paperboard Box Manufacturing	325312	Phosphatic Fertilizer Manufacturing
322219	Other Paperboard Container Manufacturing	325314	Fertilizer (Mixing Only) Manufacturing
322220	Paper Bag and Coated and Treated Paper Manufacturing	325315	Compost Manufacturing
322230	Stationery Product Manufacturing	325320	Pesticide and Other Agricultural Chemical Manufacturing
322291	Sanitary Paper Product Manufacturing	325411	Medicinal and Botanical Manufacturing
322299	All Other Converted Paper Product Manufacturing	325412	Pharmaceutical Preparation Manufacturing

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325413	In-Vitro Diagnostic Substance Manufacturing	326291	Rubber Product Manufacturing for Mechanical Use
325414	Biological Product (except Diagnostic) Manufacturing	326299	All Other Rubber Product Manufacturing
325510	Paint and Coating Manufacturing	327	Nonmetallic Mineral Product Manufacturing
325520	Adhesive Manufacturing	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing (except facilities previously classified under SIC 5719, Miscellaneous Home Furnishings Stores)
325611	Soap and Other Detergent Manufacturing	327120	Clay Building Material and Refractories Manufacturing
325612	Polish and Other Sanitation Good Manufacturing	327211	Flat Glass Manufacturing
325613	Surface Active Agent Manufacturing	327212	Other Pressed and Blown Glass and Glassware Manufacturing
325620	Toilet Preparation Manufacturing	327213	Glass Container Manufacturing
325910	Printing Ink Manufacturing	327215	Glass Product Manufacturing Made of Purchased Glass
325920	Explosives Manufacturing	327310	Cement Manufacturing
325991	Custom Compounding of Purchased Resins	327320	Ready-Mix Concrete Manufacturing
325992	Photographic Film, Paper, Plate, and Chemical Manufacturing	327331	Concrete Block and Brick 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, which are facilities previously classified under SIC 7389, Business Services, Not Elsewhere Classified)	327332	Concrete Pipe Manufacturing
326	Plastics and Rubber Products Manufacturing	327390	Other Concrete Product Manufacturing
326111	Plastics Bag and Pouch Manufacturing	327410	Lime Manufacturing
326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing	327420	Gypsum Product Manufacturing
326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing	327910	Abrasive Product Manufacturing
326121	Unlaminated Plastics Profile Shape Manufacturing	327991	Cut Stone and Stone Product Manufacturing
326122	Plastics Pipe and Pipe Fitting Manufacturing	327992	Ground or Treated Mineral and Earth Manufacturing
326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	327993	Mineral Wool Manufacturing
326140	Polystyrene Foam Product Manufacturing	327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing	331	Primary Metal Manufacturing
326160	Plastics Bottle Manufacturing	331110	Iron and Steel Mills and Ferroalloy Manufacturing
326191	Plastics Plumbing Fixture Manufacturing	331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
326199	All Other Plastics Product Manufacturing	331221	Rolled Steel Shape Manufacturing
326211	Tire Manufacturing (except Retreading)	331222	Steel Wire Drawing
326212	Tire Retreading (except facilities previously classified under SIC 7534, Tire Retreading and Repair Shops)	331313	Alumina Refining and Primary Aluminum Production
326220	Rubber and Plastics Hoses and Belting Manufacturing	331314	Secondary Smelting and Alloying of Aluminum
		331315	Aluminum Sheet, Plate, and Foil Manufacturing
		331318	Other Aluminum Rolling, Drawing, and Extruding
		331410	Nonferrous Metal (except Aluminum) Smelting and Refining

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331420	Copper Rolling, Drawing, Extruding, and Alloying	332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	332813	Electroplating, Plating, Polishing, Anodizing, and Coloring
331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)	332911	Industrial Valve Manufacturing
331511	Iron Foundries	332912	Fluid Power Valve and Hose Fitting Manufacturing
331512	Steel Investment Foundries	332913	Plumbing Fixture Fitting and Trim Manufacturing
331513	Steel Foundries (except Investment)	332919	Other Metal Valve and Pipe Fitting Manufacturing
331523	Nonferrous Metal Die-Casting Foundries	332991	Ball and Roller Bearing Manufacturing
331524	Aluminum Foundries (except Die-Casting)	332992	Small Arms Ammunition Manufacturing
331529	Other Nonferrous Metal Foundries (except Die-Casting)	332993	Ammunition (except Small Arms) Manufacturing
332	Fabricated Metal Product Manufacturing	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
332111	Iron and Steel Forging	332996	Fabricated Pipe and Pipe Fitting Manufacturing
332112	Nonferrous Forging	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
332114	Custom Roll Forming	333	Machinery Manufacturing
332117	Powder Metallurgy Part Manufacturing	333111	Farm Machinery and Equipment Manufacturing
332119	Metal Crown, Closure, and Other Metal Stamping (Except Automotive)	333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing	333120	Construction Machinery Manufacturing
332216	Saw Blade and Hand tool Manufacturing	333131	Mining Machinery and Equipment Manufacturing
332311	Prefabricated Metal Building and Component Manufacturing	333132	Oil and Gas Field Machinery and Equipment Manufacturing
332312	Fabricated Structural Metal Manufacturing	333241	Food Product Machinery Manufacturing
332313	Plate Work Manufacturing	333242	Semiconductor Machinery Manufacturing
332321	Metal Window and Door Manufacturing	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
332322	Sheet Metal Work Manufacturing	333248	All Other Industrial Machinery Manufacturing
332323	Ornamental and Architectural Metal Work Manufacturing	333310	Commercial and Service Industry Machinery Manufacturing
332410	Power Boiler and Heat Exchanger Manufacturing	333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing
332420	Metal Tank (Heavy Gauge) Manufacturing	333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
332431	Metal Can Manufacturing	333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
332439	Other Metal Container Manufacturing	333511	Industrial Mold Manufacturing
332510	Hardware Manufacturing	333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
332613	Spring Manufacturing		
332618	Other Fabricated Wire Product Manufacturing		
332710	Machine Shops		
332721	Precision Turned Product Manufacturing		
332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing		
332811	Metal Heat Treating		

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333515	Cutting Tool and Machine Tool Accessory Manufacturing	334413	Semiconductor and Related Device Manufacturing
333517	Machine Tool Manufacturing	334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
333519	Rolling Mill and Other Metalworking Machinery Manufacturing	334417	Electronic Connector Manufacturing
333611	Turbine and Turbine Generator Set Units Manufacturing	334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
333612	Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing	334419	Other Electronic Component Manufacturing
333613	Mechanical Power Transmission Equipment Manufacturing	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
333618	Other Engine Equipment Manufacturing	334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
333912	Air and Gas Compressor Manufacturing	334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
333921	Elevator and Moving Stairway Manufacturing	334514	Totalizing Fluid Meter and Counting Device Manufacturing
333922	Conveyor and Conveying Equipment Manufacturing	334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing	334516	Analytical Laboratory Instrument Manufacturing
333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing	334517	Irradiation Apparatus Manufacturing
333991	Power-Driven Handtool Manufacturing	334519	Other Measuring and Controlling Device Manufacturing
333992	Welding and Soldering Equipment Manufacturing	334610	Manufacturing and Reproducing Magnetic and Optical Media (except facilities primarily engaged in mass reproducing pre-recorded Video Cassettes, and mass reproducing Video tape or disk, which are facilities previously classified under SIC 7372, Prepackaged Software; and facilities previously classified under SIC 7819, Services Allied to Motion Picture Production)
333993	Packaging Machinery Manufacturing		
333994	Industrial Process Furnace and Oven Manufacturing	335	Electrical Equipment, Appliance, and Component Manufacturing
333995	Fluid Power Cylinder and Actuator Manufacturing	335131	Residential Electric Lighting Fixture Manufacturing
333996	Fluid Power Pump and Motor Manufacturing	335132	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing
333998	All Other Miscellaneous General Purpose Machinery Manufacturing	335139	Electric Lamp Bulb and Other Lighting Equipment Manufacturing
334	Computer and Electronic Product Manufacturing	335210	Small Electrical Appliance Manufacturing
334111	Electronic Computer Manufacturing	335220	Major Household Appliance Manufacturing
334112	Computer Storage Device Manufacturing		
334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing		
334210	Telephone Apparatus Manufacturing		
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing		
334290	Other Communications Equipment Manufacturing		
334310	Audio and Video Equipment Manufacturing		
334412	Bare Printed Circuit Board Manufacturing		

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335311	Power, Distribution, and Specialty Transformer Manufacturing	336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing
335312	Motor and Generator Manufacturing (except facilities primarily engaged in armature rewinding on a factory basis, which are facilities previously classified under SIC 7694, Armature Rewinding Shops)	336414	Guided Missile and Space Vehicle Manufacturing
335313	Switchgear and Switchboard Apparatus Manufacturing	336415	Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing
335314	Relay and Industrial Control Manufacturing	336419	Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
335910	Battery Manufacturing	336510	Railroad Rolling Stock Manufacturing
335921	Fiber Optic Cable Manufacturing	336611	Ship Building and Repairing
335929	Other Communication and Energy Wire Manufacturing	336612	Boat Building
335931	Current-Carrying Wiring Device Manufacturing	336991	Motorcycle, Bicycle, and Parts Manufacturing
335932	Noncurrent-Carrying Wiring Device Manufacturing	336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing
335991	Carbon and Graphite Product Manufacturing	336999	All Other Transportation Equipment Manufacturing
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing		
336	Transportation Equipment Manufacturing	337	Furniture and Related Product Manufacturing
336110	Automobile and Light Duty Motor Vehicle 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, which are facilities previously classified under SIC 5712, Furniture Stores)
336120	Heavy Duty Truck 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, which are facilities previously classified under SIC 5712, Furniture Stores)
336211	Motor Vehicle Body 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, which are facilities previously classified under SIC 5712, Furniture Stores)
336212	Truck Trailer Manufacturing	337126	Household Furniture (except Wood and Upholstered) 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		
336350	Motor Vehicle Transmission and Power Train Parts Manufacturing		
336360	Motor Vehicle Seating and Interior Trim Manufacturing		
336370	Motor Vehicle Metal Stamping		
336390	Motor Vehicle Parts Manufacturing		
336411	Aircraft Manufacturing		
336412	Aircraft Engine and Engine Parts Manufacturing		

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337910	Mattress Manufacturing	339999	All Other Miscellaneous Manufacturing
337920	Blind and Shade Manufacturing	488	Support Activities for Transportation
339	Miscellaneous Manufacturing	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, which are facilities previously classified under SIC 3731, Shipbuilding and Repairing)
339112	Surgical and Medical Instrument Manufacturing	512	Motion Picture and Sound Recording Industries
339113	Surgical Appliance and Supplies Manufacturing (except facilities primarily engaged in manufacturing orthopedic devices to prescription in a retail environment, which are facilities previously classified under SIC 5999, Miscellaneous Retail Stores, Not Elsewhere Classified)	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)
339114	Dental Equipment and Supplies Manufacturing	512250	Record Production and Distribution (limited to facilities previously classified under SIC 3652, Phonograph Records and Prerecorded Audio Tapes and Disks)
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, which are lens grinding facilities previously classified under SIC 5995, Optical Goods Stores)	5131	Newspaper, Periodical, Book, and Directory Publishers
339116	Dental Laboratories (except facilities previously classified under SIC 8072, Dental Laboratories)	513110	Newspaper Publishers (including internet newspaper publishers, except for facilities primarily engaged in web search portals and except for facilities previously classified under SIC 7331, Direct Mail Advertising Services and SIC 8999, Services Not Elsewhere Classified)
339910	Jewelry and Silverware Manufacturing	513120	Periodical Publishers (including internet periodical publishers, except for facilities primarily engaged in web search portals and except for facilities previously classified under SIC 7331, Direct Mail Advertising Services and SIC 8999, Services Not Elsewhere Classified)
339912	Silverware and Hollowware Manufacturing	513130	Book Publishers (including internet book publishers, except for facilities primarily engaged in web search portals and except for facilities previously classified under SIC 7331, Direct Mail Advertising Services and SIC 8999, Services Not Elsewhere Classified)
339913	Jewelers' Material and Lapidary Work Manufacturing		
339914	Costume Jewelry and Novelty Manufacturing		
339920	Sporting and Athletic Goods Manufacturing		
339930	Doll Toy, and Game Manufacturing		
339932	Game, Toy, and Children's Vehicle Manufacturing		
339940	Office Supplies (except Paper) Manufacturing		
339942	Lead Pencil and Art Goods Manufacturing		
339943	Marking Device Manufacturing		
339944	Carbon Paper and Inked Ribbon Manufacturing		
339950	Sign Manufacturing		
339991	Gasket, Packing, and Sealing Device Manufacturing		
339992	Musical Instrument Manufacturing		
339993	Fastener, Button, Needle, and Pin Manufacturing		
339994	Broom, Brush, and Mop Manufacturing		
339995	Burial Casket Manufacturing		

Table I. NAICS Codes

<p>513140 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, which are facilities primarily engaged in web search portals and except for facilities previously classified under SIC 7331, Direct Mail Advertising Services and SIC 8999, Services Not Elsewhere Classified. Including internet directory and mailing list publishers)</p> <p>513191 Greeting Card Publishers (including internet greeting card publishers, except for facilities primarily engaged in web search portals and except for facilities previously classified under SIC 7331, Direct Mail Advertising Services and SIC 8999, Services Not Elsewhere Classified)</p> <p>513199 All Other Publishers (including all other internet publishers, except for facilities primarily engaged in web search portals and except for facilities previously classified under SIC 7331, Direct Mail Advertising Services and SIC 8999, Services Not Elsewhere Classified)</p>	<p>519 Web Search Portals, Libraries, Archives, and Other Information Services</p>
	<p>519290 Web Search Portals and All Other Information Services (limited to facilities previously classified under 2017 NAICS code 519130, Internet Publishing and Broadcasting and Web Search Portals. Only “Web Search Portals” facilities are required to report)</p>
	<p>541 Professional, Scientific, and Technical Services</p>
	<p>541713 Research and Development in Nanotechnology (Limited to facilities previously classified under SIC 3764, Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts; and facilities previously classified under SIC 3769, Guided Missile and Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified)</p>
	<p>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, which are facilities previously classified under SIC 3764, Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts; and facilities previously classified under SIC 3769, Guided Missile and Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified)</p>
<p>516 Broadcasting and Content Providers</p>	
<p>516210 Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content Providers (limited to facilities previously classified under 2017 NAICS code 519130, Internet Publishing and Broadcasting and Web Search Portals. Only “Internet Broadcasting” facilities are required to report)</p>	
	<p>811 Repair and Maintenance</p>
	<p>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)</p>

Table I. NAICS Codes

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

212	Mining (except Oil and Gas)
212114	Surface Coal Mining
212115	Underground Coal Mining
212220	Gold Ore and Silver Ore Mining
212230	Copper, Nickel, Lead, and Zinc Mining
212290	Other Metal Ore Mining (limited to facilities previously classified under 2017 NAICS code 212299, All Other Metal Ore Mining)
221	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
221114	Solar Electric Power Generation
221115	Wind Electric Power Generation
221116	Geothermal Electric Power Generation
221117	Biomass Electric Power Generation
221118	Other Electric Power Generation
221121	Electric Bulk Power Transmission and Control
221122	Electric Power Distribution
221210	Natural Gas Distribution (Limited to facilities previously classified under SIC 4931, Electric and Other Services Combined and facilities previously classified under SIC 4939, Combination Utilities, Not Elsewhere Classified)
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.)
424	Merchant Wholesalers, Nondurable Goods
424690	Other Chemical and Allied Products Merchant Wholesalers
424710	Petroleum Bulk Stations and Terminals
425	Wholesale Trade Agents and Brokers
425120	Wholesale Trade Agents and Brokers (limited to facilities previously classified in 5169, Chemicals and Allied Products, NEC)
562	Waste Management and Remediation Services
562112	Hazardous Waste Collection (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis, which were previously classified under SIC 7389, Business Services, Not Elsewhere Classified)
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>)
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>)

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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 2022 (including Toxic Chemical Categories)

The EPCRA Section 313 chemicals are listed beginning on page II-4. The chemicals are broken out into five sections, sections a and b list the individually-listed non-PFAS chemicals alphabetically and then by CASRN order. Section c lists the chemical categories. Sections d and e list the PFAS chemicals alphabetically and then by CASRN order. EPCRA Section 313 chemicals may also be found using the basic search (https://guideme.epa.gov/ords/guideme_ext/F?p=guideme:chemical-list-basic-search) and advanced search (https://guideme.epa.gov/ords/guideme_ext/f?p=guideme:chemical-list-advanced-search) via GuideME.

See section B.3.d of the instructions for more information on the *de minimis* % limits listed below. The *de minimis* concentration for each individually listed chemical is listed under the “*De minimis* % Limit” column; for chemical categories, the *de minimis* level is in parenthesis. The *de minimis* exemption is not available for chemicals of special concern, therefore an asterisk (*) appears where a *de minimis* limit would otherwise appear. However, for purposes of the supplier notification requirement only, such limits are listed in the Supplier Notification Requirements guidance document and can be found here: https://guideme.epa.gov/ords/guideme_ext/f?p=guideme:gd-title:::::title:supplier_notification.

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.

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, and/or otherwise used in the specific form(s) listed below:

Chemical/ Chemical Category	CASRN/ Category Code	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)	N511	Only if in aqueous solution.
Phosphorus (yellow or white)	12185-10-3	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.

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

Chemical/ Chemical Category	CASRN/ Category Code	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.)	N150	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 processors or 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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

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.

Chemical Categories with Exemptions

The four EPCRA section 313 chemical categories listed below have specific chemical exemptions.

Chemical Category	Category Code	Exempted Chemical(s)
Barium Compounds	N040	Barium sulfate (7727-43-7)
Chromium Compounds	N090	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.
Copper Compounds	N100	Copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.
Cyanide Compounds	N106	Hydrogen cyanide (74-90-8) ¹

¹ Hydrogen cyanide is an individually-listed chemical

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

Notes for sections a and b of the following list of TRI chemicals:

“Color Index” indicated by “C.I.”

* There is no *de minimis* % limit for chemicals of special concern, except for supplier notification purposes (see: https://guideme.epa.gov/ords/guideme_ext/f?p=guideme:gd-title:::title:supplier_notification).

The *de minimis* % limit for lead when contained in stainless steel, brass, or bronze alloys is 0.1%. For lead not in such alloys there is no *de minimis* level.

a. Individually-Listed Toxic Chemicals Arranged Alphabetically

CASRN	Chemical Name	<i>De minimis</i> % Limit
71751-41-2	Abamectin	1
30560-19-1	Acephate	1
75-07-0	Acetaldehyde	0.1
60-35-5	Acetamide	0.1
75-05-8	Acetonitrile	1
98-86-2	Acetophenone	1
53-96-3	2-Acetylaminofluorene	0.1
62476-59-9	Acifluorfen, sodium salt	1
107-02-8	Acrolein	0.1
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1
107-13-1	Acrylonitrile	0.1
15972-60-8	Alachlor	1
116-06-3	Aldicarb	1
309-00-2	Aldrin	*
28434-00-6	<i>d-trans</i> -Allethrin	1
107-18-6	Allyl alcohol	1
107-11-9	Allylamine	1
107-05-1	Allyl chloride	1
7429-90-5	Aluminum (fume or dust)	1
1344-28-1	Aluminum oxide (fibrous forms) (Alumina)	1
20859-73-8	Aluminum phosphide	1
834-12-8	Ametryn	1
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1
82-28-0	1-Amino-2-methylanthraquinone	0.1
33089-61-1	Amitraz	1
61-82-5	Amitrole	0.1

CASRN	Chemical Name	<i>De minimis</i> % 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
101-05-3	Anilazine	1
62-53-3	Aniline	0.1
90-04-0	<i>o</i> -Anisidine	0.1
104-94-9	<i>p</i> -Anisidine	1
134-29-2	<i>o</i> -Anisidine hydrochloride	0.1
120-12-7	Anthracene	1
7440-36-0	Antimony	1
7440-38-2	Arsenic	0.1
1332-21-4	Asbestos (friable)	0.1
1912-24-9	Atrazine	1
7440-39-3	Barium	1
22781-23-3	Bendiocarb	1
1861-40-1	Benfluralin	1
17804-35-2	Benomyl	1
98-87-3	Benzal chloride	1
55-21-0	Benzamide	1
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
94-36-0	Benzoyl peroxide	1
100-44-7	Benzyl chloride	1
7440-41-7	Beryllium	0.1
82657-04-3	Bifenthrin	1
92-52-4	Biphenyl	1
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol	0.1
111-91-1	Bis(2-chloroethoxy)methane	1
111-44-4	Bis(2-chloroethyl) ether	1
542-88-1	Bis(chloromethyl) ether	0.1
108-60-1	Bis(2-chloro-1-methylethyl) ether	1
56-35-9	Bis(tributyltin) oxide	1
10294-34-5	Boron trichloride	1
7637-07-2	Boron trifluoride	1
314-40-9	Bromacil	1
53404-19-6	Bromacil, lithium salt	1
7726-95-6	Bromine	1
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1
75-25-2	Bromoform (Tribromomethane)	1

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CASRN	Chemical Name	De minimis % Limit
74-83-9	Bromomethane (Methyl bromide)	1
106-94-5	1-Bromopropane	0.1
75-63-8	Bromotrifluoromethane (Halon 1301)	1
1689-84-5	Bromoxynil	1
1689-99-2	Bromoxynil octanoate	1
357-57-3	Brucine	1
106-99-0	1,3-Butadiene	0.1
141-32-2	Butyl acrylate	1
71-36-3	<i>n</i> -Butyl alcohol (1-Butanol)	1
78-92-2	<i>sec</i> -Butyl alcohol (2-Butanol)	1
75-65-0	<i>tert</i> -Butyl alcohol (<i>tert</i> -Butanol)	1
106-88-7	1,2-Butylene oxide	0.1
123-72-8	Butyraldehyde	1
4680-78-8	C.I. Acid Green 3	1
6459-94-5	C.I. Acid Red 114	0.1
569-64-2	C.I. Basic Green 4 (Malachite green)	1
989-38-8	C.I. Basic Red 1	1
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
16071-86-6	C.I. Direct Brown 95	0.1
2832-40-8	C.I. Disperse Yellow 3	1
3761-53-3	C.I. Food Red 5	0.1
81-88-9	C.I. Food Red 15 (Rhodamine B)	1
3118-97-6	C.I. Solvent Orange 7	1
97-56-3	C.I. Solvent Yellow 3	0.1
842-07-9	C.I. Solvent Yellow 14	1
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1
128-66-5	C.I. Vat Yellow 4	1
7440-43-9	Cadmium	0.1
156-62-7	Calcium cyanamide	1
133-06-2	Captan	1
63-25-2	Carbaryl	1
1563-66-2	Carbofuran	1
75-15-0	Carbon disulfide	1
56-23-5	Carbon tetrachloride	0.1
463-58-1	Carbonyl sulfide	1
5234-68-4	Carboxin	1
120-80-9	Catechol	0.1
2439-01-2	Chinomethionate	1
133-90-4	Chloramben	1
57-74-9	Chlordane	*
115-28-6	Chlorendic acid	0.1
90982-32-4	Chlorimuron-ethyl	1
7782-50-5	Chlorine	1
10049-04-4	Chlorine dioxide	1
79-11-8	Chloroacetic acid	1

CASRN	Chemical Name	De minimis % Limit
532-27-4	2-Chloroacetophenone	1
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1
106-47-8	<i>p</i> -Chloroaniline	0.1
108-90-7	Chlorobenzene	1
510-15-6	Chlorobenzilate	1
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1
75-45-6	Chlorodifluoromethane (HCFC-22)	1
75-00-3	Chloroethane	1
67-66-3	Chloroform	0.1
74-87-3	Chloromethane	1
107-30-2	Chloromethyl methyl ether	0.1
563-47-3	3-Chloro-2-methyl-1-propene	0.1
104-12-1	<i>p</i> -Chlorophenyl isocyanate	1
76-06-2	Chloropicrin	1
126-99-8	Chloroprene	0.1
542-76-7	3-Chloropropionitrile	1
63938-10-3	Chlorotetrafluoroethane	1
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1
1897-45-6	Chlorothalonil	0.1
95-69-2	<i>p</i> -Chloro- <i>o</i> -toluidine (4-Chloro-2-methylaniline)	0.1
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1
75-72-9	Chlorotrifluoromethane (CFC-13)	1
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1
5598-13-0	Chlorpyrifos-methyl	1
64902-72-3	Chlorsulfuron	1
7440-47-3	Chromium	1
7440-48-4	Cobalt	0.1
7440-50-8	Copper	1
8001-58-9	Creosote	0.1
120-71-8	<i>p</i> -Cresidine	0.1
108-39-4	<i>m</i> -Cresol	1
95-48-7	<i>o</i> -Cresol	1
106-44-5	<i>p</i> -Cresol	1
1319-77-3	Cresol (mixed isomers)	1
4170-30-3	Crotonaldehyde	1
98-82-8	Cumene	0.1
80-15-9	Cumene hydroperoxide	1
135-20-6	Cupferron	0.1
21725-46-2	Cyanazine	1
1134-23-2	Cycloate	1
110-82-7	Cyclohexane	1

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CASRN	Chemical Name	De minimis % Limit
108-93-0	Cyclohexanol	1
68359-37-5	Cyfluthrin	1
68085-85-8	Cyhalothrin	1
94-75-7	2,4-D	0.1
533-74-4	Dazomet	1
53404-60-7	Dazomet, sodium salt	1
94-82-6	2,4-DB	1
1929-73-3	2,4-D 2-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
13684-56-5	Desmedipham	1
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	1
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 (2,4-Toluenediamine)	0.1
25376-45-8	Diaminotoluene (mixed isomers) (Toluenediamine)	0.1
333-41-5	Diazinon	0.1
334-88-3	Diazomethane	1
132-64-9	Dibenzofuran	1
96-12-8	1,2-Dibromo-3-chloropropane	0.1
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
124-73-2	Dibromotetrafluoroethane (1,2-Dibromo-1,1,2,2-tetrafluoroethane)	1
84-74-2	Dibutyl phthalate	1
1918-00-9	Dicamba	1
99-30-9	Dichloran	1
95-50-1	1,2-Dichlorobenzene (<i>o</i> -Dichlorobenzene)	1
541-73-1	1,3-Dichlorobenzene (<i>m</i> -Dichlorobenzene)	1
106-46-7	1,4-Dichlorobenzene (<i>p</i> -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
110-57-6	<i>trans</i> -1,4-Dichloro-2-butene	1
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1

CASRN	Chemical Name	De minimis % Limit
75-71-8	Dichlorodifluoromethane (CFC-12)	1
107-06-2	1,2-Dichloroethane	0.1
540-59-0	1,2-Dichloroethylene	1
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1
75-43-4	Dichlorofluoromethane (HCFC-21)	1
75-09-2	Dichloromethane (Methylene chloride)	0.1
127564-92-5	Dichloropentafluoropropane	1
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1
422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1
97-23-4	Dichlorophene	1
120-83-2	2,4-Dichlorophenol	1
78-87-5	1,2-Dichloropropane	0.1
10061-02-6	<i>trans</i> -1,3-Dichloropropene	0.1
78-88-6	2,3-Dichloropropene	1
542-75-6	1,3-Dichloropropylene (1,3-Dichloropropene)	0.1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1
34077-87-7	Dichlorotrifluoroethane	1
90454-18-5	Dichloro-1,1,2-trifluoroethane	1
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1	136-45-8	Dipropyl isocinchomeronate	1
62-73-7	Dichlorvos	0.1	138-93-2	Disodium cyanodithioimidocarbonate	1
51338-27-3	Diclofop methyl	1	94-11-1	2,4-D isopropyl ester	0.1
115-32-2	Dicofol	1	541-53-7	2,4-Dithiobiuret (Dithiobiuret)	1
77-73-6	Dicyclopentadiene	1	330-54-1	Diuron	1
1464-53-5	Diepoxybutane	0.1	2439-10-3	Dodine	1
111-42-2	Diethanolamine	1	120-36-5	2,4-DP (Dichlorprop)	0.1
38727-55-8	Diethyl ethyl	1	1320-18-9	2,4-D propylene glycol butyl ether ester (2,4-D 2-butoxymethylethyl ester)	0.1
117-81-7	Di(2-ethylhexyl) phthalate	0.1	2702-72-9	2,4-D sodium salt	0.1
64-67-5	Diethyl sulfate	0.1	106-89-8	Epichlorohydrin	0.1
35367-38-5	Diflubenzuron	1	13194-48-4	Ethoprop	1
101-90-6	Diglycidyl resorcinol ether	0.1	110-80-5	2-Ethoxyethanol	1
94-58-6	Dihydrosafrole	0.1	140-88-5	Ethyl acrylate	0.1
55290-64-7	Dimethipin	1	100-41-4	Ethylbenzene	0.1
60-51-5	Dimethoate	1	541-41-3	Ethyl chloroformate	1
119-90-4	3,3'-Dimethoxybenzidine	0.1	759-94-4	S-Ethyl dipropylthiocarbamate	1
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride	0.1	74-85-1	Ethylene	1
111984-09-9	3,3'-Dimethoxybenzidine monohydrochloride	0.1	107-21-1	Ethylene glycol	1
124-40-3	Dimethylamine	1	151-56-4	Ethyleneimine (Aziridine)	0.1
2300-66-5	Dimethylamine dicamba	1	75-21-8	Ethylene oxide	0.1
60-11-7	4-Dimethylaminoazobenzene	0.1	96-45-7	Ethylene thiourea	0.1
121-69-7	N,N-Dimethylaniline	1	75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	1
119-93-7	3,3'-Dimethylbenzidine	0.1	52-85-7	Famphur	1
612-82-8	3,3'-Dimethylbenzidine dihydrochloride	0.1	60168-88-9	Fenarimol	1
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride	0.1	13356-08-6	Fenbutatin oxide	1
79-44-7	Dimethylcarbamoyl chloride	0.1	66441-23-4	Fenoxaprop-ethyl	1
2524-03-0	Dimethyl chlorothiophosphate	1	72490-01-8	Fenoxycarb	1
68-12-2	N,N-Dimethylformamide	0.1	39515-41-8	Fenpropathrin	1
57-14-7	1,1-Dimethylhydrazine	0.1	55-38-9	Fenthion	1
105-67-9	2,4-Dimethylphenol	1	51630-58-1	Fenvalerate	1
131-11-3	Dimethyl phthalate	1	14484-64-1	Ferbam	1
77-78-1	Dimethyl sulfate	0.1	69806-50-4	Fluazifop-butyl	1
99-65-0	m-Dinitrobenzene	1	2164-17-2	Fluometuron	1
528-29-0	o-Dinitrobenzene	1	7782-41-4	Fluorine	1
100-25-4	p-Dinitrobenzene	1	51-21-8	Fluorouracil (5-Fluorouracil)	1
88-85-7	Dinitrobutyl phenol (Dinoseb)	1	69409-94-5	Fluvalinate	1
534-52-1	4,6-Dinitro-o-cresol	1	133-07-3	Folpet	1
51-28-5	2,4-Dinitrophenol	1	72178-02-0	Fomesafen	1
121-14-2	2,4-Dinitrotoluene	0.1	50-00-0	Formaldehyde	0.1
606-20-2	2,6-Dinitrotoluene	0.1	64-18-6	Formic acid	1
25321-14-6	Dinitrotoluene (mixed isomers)	1	76-13-1	Freon 113 (CFC-113)	1
39300-45-3	Dinocap	1	110-00-9	Furan	0.1
123-91-1	1,4-Dioxane	0.1	556-52-5	Glycidol	0.1
957-51-7	Diphenamid	1	76-44-8	Heptachlor	*
122-39-4	Diphenylamine	1	118-74-1	Hexachlorobenzene	*
122-66-7	1,2-Diphenylhydrazine	0.1	87-68-3	Hexachloro-1,3-butadiene (Hexachlorobutadiene)	1
2164-07-0	Dipotassium endothall	1	319-84-6	alpha-Hexachlorocyclohexane	0.1
			77-47-4	Hexachlorocyclopentadiene	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
67-72-1	Hexachloroethane	0.1	67-56-1	Methanol	1
1335-87-1	Hexachloronaphthalene	1	20354-26-1	Methazole	1
70-30-4	Hexachlorophene	1	2032-65-7	Methiocarb	1
680-31-9	Hexamethylphosphoramide	0.1	94-74-6	Methoxone (MCPA)	0.1
110-54-3	<i>n</i> -Hexane (Hexane)	1	3653-48-3	Methoxone sodium salt	0.1
51235-04-2	Hexazinone	1	72-43-5	Methoxychlor	*
67485-29-4	Hydramethylnon	1	109-86-4	2-Methoxyethanol	1
302-01-2	Hydrazine	0.1	96-33-3	Methyl acrylate	0.1
10034-93-2	Hydrazine sulfate (1:1)	0.1	1634-04-4	Methyl tert-butyl ether	1
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1	79-22-1	Methyl chlorocarbonate	1
74-90-8	Hydrogen cyanide	1	101-14-4	4,4'-Methylenebis(2-chloroaniline)	0.1
7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	1	101-61-1	4,4'-Methylenebis(<i>N,N</i> -dimethyl)benzenamine (4,4'-Methylenebis[<i>N,N</i> -dimethylaniline])	0.1
7783-06-4	Hydrogen sulfide	1	74-95-3	Methylene bromide (Dibromomethane)	1
123-31-9	Hydroquinone	1	101-77-9	4,4'-Methylenedianiline	0.1
35554-44-0	Imazalil	1	93-15-2	Methyleugenol	0.1
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1	60-34-4	Methyl hydrazine	1
13463-40-6	Iron pentacarbonyl	1	74-88-4	Methyl iodide	1
78-84-2	Isobutyraldehyde	1	108-10-1	Methyl isobutyl ketone	0.1
465-73-6	Isodrin	*	624-83-9	Methyl isocyanate	1
25311-71-1	Isufenphos	1	556-61-6	Methyl isothiocyanate	1
78-79-5	Isoprene	0.1	75-86-5	2-Methylactonitrile (Acetone cyanohydrin)	1
67-63-0	Isopropyl alcohol (Isopropanol) (only persons who manufacture by the strong acid process are subject, no supplier notification)	1	80-62-6	Methyl methacrylate	1
80-05-7	4,4'-Isopropylidenediphenol	1	924-42-5	<i>N</i> -Methylolacrylamide	1
120-58-1	Isosafrole	1	298-00-0	Methyl parathion	1
77501-63-4	Lactofen	1	109-06-8	2-Methylpyridine	1
7439-92-1	Lead	* see notes	872-50-4	<i>N</i> -Methyl-2-pyrrolidone	1
58-89-9	Lindane	0.1	9006-42-2	Metiram	1
330-55-2	Linuron	1	21087-64-9	Metribuzin	1
554-13-2	Lithium carbonate	1	7786-34-7	Mevinphos	1
121-75-5	Malathion	0.1	90-94-8	Michler's ketone	0.1
108-31-6	Maleic anhydride	1	2212-67-1	Molinate	1
109-77-3	Malononitrile	1	1313-27-5	Molybdenum trioxide	0.1
12427-38-2	Maneb	1	76-15-3	Monochloropentafluoroethane (CFC-115)	1
7439-96-5	Manganese	1	150-68-5	Monuron	1
93-65-2	Mecoprop	0.1	505-60-2	Mustard gas	0.1
149-30-4	2-Mercaptobenzothiazole	0.1	88671-89-0	Myclobutanil	1
7439-97-6	Mercury	*	142-59-6	Nabam	1
150-50-5	Merphos	1	300-76-5	Naled	1
126-98-7	Methacrylonitrile	1	91-20-3	Naphthalene	0.1
137-42-8	Metham sodium (Sodium methylthiocarbamate)	1	134-32-7	<i>alpha</i> -Naphthylamine (1-Naphthalenamine)	0.1
			91-59-8	<i>beta</i> -Naphthylamine (2-Naphthalenamine)	0.1
			7440-02-0	Nickel	0.1
			1929-82-4	Nitrapyrin	1
			7697-37-2	Nitric acid	1

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CASRN	Chemical Name	De minimis % Limit
139-13-9	Nitrilotriacetic acid	0.1
100-01-6	<i>p</i> -Nitroaniline	1
99-59-2	5-Nitro- <i>o</i> -anisidine (2-Methoxy-5-nitroaniline)	1
91-23-6	<i>o</i> -Nitroanisole	0.1
98-95-3	Nitrobenzene	0.1
92-93-3	4-Nitrobiphenyl	0.1
1836-75-5	Nitrofen	0.1
51-75-2	Nitrogen mustard (HN-2)	0.1
55-63-0	Nitroglycerin	1
75-52-5	Nitromethane	0.1
88-75-5	2-Nitrophenol (<i>o</i> -Nitrophenol)	1
100-02-7	4-Nitrophenol (<i>p</i> -Nitrophenol)	1
79-46-9	2-Nitropropane	0.1
924-16-3	<i>N</i> -Nitrosodi- <i>n</i> -butylamine	0.1
55-18-5	<i>N</i> -Nitrosodiethylamine	0.1
62-75-9	<i>N</i> -Nitrosodimethylamine	0.1
86-30-6	<i>N</i> -Nitrosodiphenylamine	1
156-10-5	<i>p</i> -Nitrosodiphenylamine	1
621-64-7	<i>N</i> -Nitrosodi- <i>n</i> -propylamine	0.1
759-73-9	<i>N</i> -Nitroso- <i>N</i> -ethylurea	0.1
684-93-5	<i>N</i> -Nitroso- <i>N</i> -methylurea	0.1
4549-40-0	<i>N</i> -Nitrosomethylvinylamine	0.1
59-89-2	<i>N</i> -Nitrosomorpholine	0.1
16543-55-8	<i>N</i> -Nitrosonomocotine	0.1
100-75-4	<i>N</i> -Nitrosopiperidine	0.1
88-72-2	<i>o</i> -Nitrotoluene	0.1
99-55-8	5-Nitro- <i>o</i> -toluidine (2-Methyl-5-nitroaniline)	1
27314-13-2	Norflurazon	1
2234-13-1	Octachloronaphthalene	1
29082-74-4	Octachlorostyrene	*
19044-88-3	Oryzalin	1
20816-12-0	Osmium tetroxide	1
19666-30-9	Oxadiazon	1
301-12-2	Oxydemeton-methyl	1
42874-03-3	Oxyfluorfen	1
10028-15-6	Ozone	1
123-63-7	Paraldehyde	1
1910-42-5	Paraquat dichloride	1
56-38-2	Parathion	0.1
1114-71-2	Pebulate	1
40487-42-1	Pendimethalin	*
608-93-5	Pentachlorobenzene	*
76-01-7	Pentachloroethane	1
87-86-5	Pentachlorophenol	0.1
57-33-0	Pentobarbital sodium	1
79-21-0	Peracetic acid	1
594-42-3	Perchloromethyl mercaptan	1
52645-53-1	Permethrin	1
85-01-8	Phenanthrene	1
108-95-2	Phenol	1

CASRN	Chemical Name	De minimis % Limit
77-09-8	Phenolphthalein (3,3-Bis(4-hydroxyphenyl)phthalide)	0.1
26002-80-2	Phenothrin	1
95-54-5	1,2-Phenylenediamine	0.1
108-45-2	1,3-Phenylenediamine	1
106-50-3	<i>p</i> -Phenylenediamine	1
615-28-1	1,2-Phenylenediamine dihydrochloride	0.1
624-18-0	1,4-Phenylenediamine dihydrochloride	1
90-43-7	2-Phenylphenol	1
57-41-0	Phenytoin	0.1
75-44-5	Phosgene	1
7803-51-2	Phosphine	1
12185-10-3	Phosphorus (yellow or white)	1
85-44-9	Phthalic anhydride	1
1918-02-1	Picloram	1
88-89-1	Picric acid	1
51-03-6	Piperonyl butoxide	1
29232-93-7	Pirimiphos-methyl	1
1336-36-3	Polychlorinated biphenyls	*
7758-01-2	Potassium bromate	0.1
128-03-0	Potassium dimethyldithiocarbamate	1
137-41-7	Potassium <i>N</i> -methyldithiocarbamate	1
41198-08-7	Profenofos	1
7287-19-6	Prometryn	1
23950-58-5	Pronamide	1
1918-16-7	Propachlor	1
1120-71-4	1,3-Propane sultone	0.1
709-98-8	Propanil	1
2312-35-8	Propargite	1
107-19-7	Propargyl alcohol	1
31218-83-4	Propetamphos	1
60207-90-1	Propiconazole	1
57-57-8	<i>beta</i> -Propiolactone	0.1
123-38-6	Propionaldehyde	1
114-26-1	Propoxur	1
115-07-1	Propylene	1
75-55-8	Propyleneimine	0.1
75-56-9	Propylene oxide	0.1
110-86-1	Pyridine	0.1
91-22-5	Quinoline	0.1
106-51-4	Quinone	1
82-68-8	Quintozone (Pentachloronitrobenzene)	1
76578-14-8	Quizalofop-ethyl	1
10453-86-8	Resmethrin	1
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1
94-59-7	Safrole	0.1

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CASRN	Chemical Name	De minimis % Limit
7782-49-2	Selenium	1
74051-80-2	Sethoxydim	1
7440-22-4	Silver	1
122-34-9	Simazine	1
26628-22-8	Sodium azide	1
1982-69-0	Sodium dicamba	1
128-04-1	Sodium dimethyldithiocarbamate	1
62-74-8	Sodium fluoroacetate	1
7632-00-0	Sodium nitrite	1
131-52-2	Sodium pentachlorophenate	0.1
132-27-4	Sodium <i>o</i> -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
2699-79-8	Sulfuryl fluoride	1
35400-43-2	Sulprofos	1
34014-18-1	Tebuthiuron	1
3383-96-8	Temephos	1
5902-51-2	Terbacil	1
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	0.1
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1
961-11-5	Tetrachlorvinphos	0.1
64-75-5	Tetracycline hydrochloride	1
116-14-3	Tetrafluoroethylene (Tetrafluoroethene)	0.1
7696-12-0	Tetramethrin	1
509-14-8	Tetranitromethane	0.1
7440-28-0	Thallium	1
148-79-8	Thiabendazole	1
62-55-5	Thioacetamide	0.1
28249-77-6	Thiobencarb	1
139-65-1	4,4'-Thiodianiline	0.1
59669-26-0	Thiodicarb	1
23564-06-9	Thiophanate-ethyl	1
23564-05-8	Thiophanate-methyl	1
79-19-6	Thiosemicarbazide	1
62-56-6	Thiourea	0.1
137-26-8	Thiram	1
1314-20-1	Thorium dioxide	1
7550-45-0	Titanium tetrachloride	1
108-88-3	Toluene	1
584-84-9	Toluene-2,4-diisocyanate	0.1
91-08-7	Toluene-2,6-diisocyanate	0.1

CASRN	Chemical Name	De minimis % Limit
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
95-53-4	<i>o</i> -Toluidine	0.1
636-21-5	<i>o</i> -Toluidine hydrochloride	0.1
8001-35-2	Toxaphene	*
43121-43-3	Triadimefon	1
2303-17-5	Triallate	1
68-76-8	Triaziquone	1
101200-48-0	Tribenuron-methyl	1
1983-10-4	Tributyltin fluoride	1
2155-70-6	Tributyltin methacrylate	1
78-48-8	S,S,S-Tributyltrithiophosphate (Tribufos)	1
52-68-6	Trichlorfon	1
76-02-8	Trichloroacetyl chloride	1
120-82-1	1,2,4-Trichlorobenzene	1
71-55-6	1,1,1-Trichloroethane	1
79-00-5	1,1,2-Trichloroethane	1
79-01-6	Trichloroethylene	0.1
75-69-4	Trichlorofluoromethane (CFC-11)	1
95-95-4	2,4,5-Trichlorophenol	1
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
121-44-8	Triethylamine	1
1582-09-8	Trifluralin	*
26644-46-2	Triforine	1
95-63-6	1,2,4-Trimethylbenzene	1
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1
639-58-7	Triphenyltin chloride	1
76-87-9	Triphenyltin hydroxide	1
126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1
72-57-1	Trypan blue	0.1
51-79-6	Urethane	0.1
7440-62-2	Vanadium (except when contained in an alloy)	1
50471-44-8	Vinclozolin	1
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 (1,1-Dichloroethylene)	0.1
108-38-3	<i>m</i> -Xylene	1
95-47-6	<i>o</i> -Xylene	1
106-42-3	<i>p</i> -Xylene	1
1330-20-7	Xylene (mixed isomers)	1
87-62-7	2,6-Xylidine	0.1
7440-66-6	Zinc (fume or dust)	1

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CASRN	Chemical Name	De minimis % Limit
12122-67-7	Zineb	1

b. Individually-Listed Toxic Chemicals Arranged by CASRN

CASRN	Chemical Name	De minimis % Limit
50-00-0	Formaldehyde	0.1
51-03-6	Piperonyl butoxide	1
51-21-8	Fluorouracil (5-Fluorouracil)	1
51-28-5	2,4-Dinitrophenol	1
51-75-2	Nitrogen mustard (HN-2)	0.1
51-79-6	Urethane	0.1
52-68-6	Trichlorfon	1
52-85-7	Famphur	1
53-96-3	2-Acetylaminofluorene	0.1
55-18-5	N-Nitrosodiethylamine	0.1
55-21-0	Benzamide	1
55-38-9	Fenthion	1
55-63-0	Nitroglycerin	1
56-23-5	Carbon tetrachloride	0.1
56-35-9	Bis(tributyltin) oxide	1
56-38-2	Parathion	0.1
57-14-7	1,1-Dimethylhydrazine	0.1
57-33-0	Pentobarbital sodium	1
57-41-0	Phenytol	0.1
57-57-8	beta-Propiolactone	0.1
57-74-9	Chlordane	*
58-89-9	Lindane	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
60-35-5	Acetamide	0.1
60-51-5	Dimethoate	1
61-82-5	Amitrole	0.1
62-53-3	Aniline	0.1
62-55-5	Thioacetamide	0.1
62-56-6	Thiourea	0.1
62-73-7	Dichlorvos	0.1
62-74-8	Sodium fluoroacetate	1
62-75-9	N-Nitrosodimethylamine	0.1
63-25-2	Carbaryl	1
64-18-6	Formic acid	1
64-67-5	Diethyl sulfate	0.1
64-75-5	Tetracycline hydrochloride	1
67-56-1	Methanol	1

CASRN	Chemical Name	De minimis % Limit
67-63-0	Isopropyl alcohol (Isopropanol) (only persons who manufacture by the strong acid process are subject, no supplier notification)	1
67-66-3	Chloroform	0.1
67-72-1	Hexachloroethane	0.1
68-12-2	N,N-Dimethylformamide	0.1
68-76-8	Triaziquone	1
70-30-4	Hexachlorophene	1
71-36-3	n-Butyl alcohol (1-Butanol)	1
71-43-2	Benzene	0.1
71-55-6	1,1,1-Trichloroethane	1
72-43-5	Methoxychlor	*
72-57-1	Trypan blue	0.1
74-83-9	Bromomethane (Methyl bromide)	1
74-85-1	Ethylene	1
74-87-3	Chloromethane	1
74-88-4	Methyl iodide	1
74-90-8	Hydrogen cyanide	1
74-95-3	Methylene bromide (Dibromomethane)	1
75-00-3	Chloroethane	1
75-01-4	Vinyl chloride	0.1
75-02-5	Vinyl fluoride	0.1
75-05-8	Acetonitrile	1
75-07-0	Acetaldehyde	0.1
75-09-2	Dichloromethane (Methylene chloride)	0.1
75-15-0	Carbon disulfide	1
75-21-8	Ethylene oxide	0.1
75-25-2	Bromoform (Tribromomethane)	1
75-27-4	Dichlorobromomethane	0.1
75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	1
75-35-4	Vinylidene chloride (1,1-Dichloroethylene)	0.1
75-43-4	Dichlorofluoromethane (HCFC-21)	1
75-44-5	Phosgene	1
75-45-6	Chlorodifluoromethane (HCFC-22)	1
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
75-65-0	tert-Butyl alcohol (tert-Butanol)	1

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CASRN	Chemical Name	De minimis % Limit
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1
75-69-4	Trichlorofluoromethane (CFC-11)	1
75-71-8	Dichlorodifluoromethane (CFC-12)	1
75-72-9	Chlorotrifluoromethane (CFC-13)	1
75-86-5	2-Methylactonitrile (Acetone cyanohydrin)	1
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1
76-01-7	Pentachloroethane	1
76-02-8	Trichloroacetyl chloride	1
76-06-2	Chloropicrin	1
76-13-1	Freon 113 (CFC-113)	1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1
76-15-3	Monochloropentafluoroethane (CFC-115)	1
76-44-8	Heptachlor	*
76-87-9	Triphenyltin hydroxide	1
77-09-8	Phenolphthalein (3,3-Bis(4-hydroxyphenyl)phthalide)	0.1
77-47-4	Hexachlorocyclopentadiene	1
77-73-6	Dicyclopentadiene	1
77-78-1	Dimethyl sulfate	0.1
78-48-8	S,S,S-Tributyltrithiophosphate (Tribufos)	1
78-79-5	Isoprene	0.1
78-84-2	Isobutyraldehyde	1
78-87-5	1,2-Dichloropropane	0.1
78-88-6	2,3-Dichloropropene	1
78-92-2	sec-Butyl alcohol (2-Butanol)	1
79-00-5	1,1,2-Trichloroethane	1
79-01-6	Trichloroethylene	0.1
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1
79-11-8	Chloroacetic acid	1
79-19-6	Thiosemicarbazide	1
79-21-0	Peracetic acid	1
79-22-1	Methyl chlorocarbonate	1
79-34-5	1,1,2,2-Tetrachloroethane	0.1
79-44-7	Dimethylcarbamoyl chloride	0.1
79-46-9	2-Nitropropane	0.1
79-94-7	Tetrabromobisphenol A	*
80-05-7	4,4'-Isopropylidenediphenol	1
80-15-9	Cumene hydroperoxide	1
80-62-6	Methyl methacrylate	1
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1

CASRN	Chemical Name	De minimis % Limit
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1
81-88-9	C.I. Food Red 15 (Rhodamine B)	1
82-28-0	1-Amino-2-methylantraquinone	0.1
82-68-8	Quintozone (Pentachloronitrobenzene)	1
84-74-2	Dibutyl phthalate	1
85-01-8	Phenanthrene	1
85-44-9	Phthalic anhydride	1
86-30-6	N-Nitrosodiphenylamine	1
87-62-7	2,6-Xylidine	0.1
87-68-3	Hexachloro-1,3-butadiene (Hexachlorobutadiene)	1
87-86-5	Pentachlorophenol	0.1
88-06-2	2,4,6-Trichlorophenol	0.1
88-72-2	o-Nitrotoluene	0.1
88-75-5	2-Nitrophenol (o-Nitrophenol)	1
88-85-7	Dinitrobutyl phenol (Dinoseb)	1
88-89-1	Picric acid	1
90-04-0	o-Anisidine	0.1
90-43-7	2-Phenylphenol	1
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	0.1
91-23-6	o-Nitroanisole	0.1
91-59-8	beta-Naphthylamine (2-Naphthalenamine)	0.1
91-94-1	3,3'-Dichlorobenzidine	0.1
92-52-4	Biphenyl	1
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
94-58-6	Dihydrosafrole	0.1
94-59-7	Safrole	0.1
94-74-6	Methoxone (MCPA)	0.1
94-75-7	2,4-D	0.1
94-80-4	2,4-D butyl ester	0.1
94-82-6	2,4-DB	1
95-47-6	o-Xylene	1
95-48-7	o-Cresol	1
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1
95-53-4	o-Toluidine	0.1
95-54-5	1,2-Phenylenediamine	0.1
95-63-6	1,2,4-Trimethylbenzene	1

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CASRN	Chemical Name	De minimis % Limit
95-69-2	<i>p</i> -Chloro- <i>o</i> -toluidine (4-Chloro-2-methylaniline)	0.1
95-80-7	2,4-Diaminotoluene (2,4-Toluenediamine)	0.1
95-95-4	2,4,5-Trichlorophenol	1
96-09-3	Styrene oxide	0.1
96-12-8	1,2-Dibromo-3-chloropropane	0.1
96-18-4	1,2,3-Trichloropropane	0.1
96-33-3	Methyl acrylate	0.1
96-45-7	Ethylene thiourea	0.1
97-23-4	Dichlorophene	1
97-56-3	C.I. Solvent Yellow 3	0.1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1
98-82-8	Cumene	0.1
98-86-2	Acetophenone	1
98-87-3	Benzal chloride	1
98-88-4	Benzoyl chloride	1
98-95-3	Nitrobenzene	0.1
99-30-9	Dichloran	1
99-55-8	5-Nitro- <i>o</i> -toluidine (2-Methyl-5-nitroaniline)	1
99-59-2	5-Nitro- <i>o</i> -anisidine (2-Methoxy-5-nitroaniline)	1
99-65-0	<i>m</i> -Dinitrobenzene	1
100-01-6	<i>p</i> -Nitroaniline	1
100-02-7	4-Nitrophenol (<i>p</i> -Nitrophenol)	1
100-25-4	<i>p</i> -Dinitrobenzene	1
100-41-4	Ethylbenzene	0.1
100-42-5	Styrene	0.1
100-44-7	Benzyl chloride	1
100-75-4	<i>N</i> -Nitrosopiperidine	0.1
101-05-3	Anilazine	1
101-14-4	4,4'-Methylenebis(2-chloroaniline)	0.1
101-61-1	4,4'-Methylenebis(<i>N,N</i> -dimethyl)benzenamine (4,4'-Methylenebis[<i>N,N</i> -dimethylaniline])	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	<i>p</i> -Chlorophenyl isocyanate	1
104-94-9	<i>p</i> -Anisidine	1
105-67-9	2,4-Dimethylphenol	1
106-42-3	<i>p</i> -Xylene	1
106-44-5	<i>p</i> -Cresol	1
106-46-7	1,4-Dichlorobenzene (<i>p</i> -Dichlorobenzene)	0.1
106-47-8	<i>p</i> -Chloroaniline	0.1
106-50-3	<i>p</i> -Phenylenediamine	1
106-51-4	Quinone	1
106-88-7	1,2-Butylene oxide	0.1

CASRN	Chemical Name	De minimis % Limit
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	0.1
107-05-1	Allyl chloride	1
107-06-2	1,2-Dichloroethane	0.1
107-11-9	Allylamine	1
107-13-1	Acrylonitrile	0.1
107-18-6	Allyl alcohol	1
107-19-7	Propargyl alcohol	1
107-21-1	Ethylene glycol	1
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
108-38-3	<i>m</i> -Xylene	1
108-39-4	<i>m</i> -Cresol	1
108-45-2	1,3-Phenylenediamine	1
108-60-1	Bis(2-chloro-1-methylethyl) ether	1
108-88-3	Toluene	1
108-90-7	Chlorobenzene	1
108-93-0	Cyclohexanol	1
108-95-2	Phenol	1
109-06-8	2-Methylpyridine	1
109-77-3	Malononitrile	1
109-86-4	2-Methoxyethanol	1
110-00-9	Furan	0.1
110-54-3	<i>n</i> -Hexane (Hexane)	1
110-57-6	<i>trans</i> -1,4-Dichloro-2-butene	1
110-80-5	2-Ethoxyethanol	1
110-82-7	Cyclohexane	1
110-86-1	Pyridine	0.1
111-42-2	Diethanolamine	1
111-44-4	Bis(2-chloroethyl) ether	1
111-91-1	Bis(2-chloroethoxy)methane	1
114-26-1	Propoxur	1
115-07-1	Propylene	1
115-28-6	Chlorendic acid	0.1
115-32-2	Dicofol	1
116-06-3	Aldicarb	1
116-14-3	Tetrafluoroethylene (Tetrafluoroethene)	0.1
117-79-3	2-Aminoanthraquinone	0.1
117-81-7	Di(2-ethylhexyl) phthalate	0.1
118-74-1	Hexachlorobenzene	*
119-90-4	3,3'-Dimethoxybenzidine	0.1
119-93-7	3,3'-Dimethylbenzidine	0.1
120-12-7	Anthracene	1
120-36-5	2,4-DP (Dichlorprop)	0.1
120-58-1	Isosafrole	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
120-71-8	<i>p</i> -Cresidine	0.1	142-59-6	Nabam	1
120-80-9	Catechol	0.1	148-79-8	Thiabendazole	1
120-82-1	1,2,4-Trichlorobenzene	1	149-30-4	2-Mercaptobenzothiazole	0.1
120-83-2	2,4-Dichlorophenol	1	150-50-5	Merphos	1
121-14-2	2,4-Dinitrotoluene	0.1	150-68-5	Monuron	1
121-44-8	Triethylamine	1	151-56-4	Ethyleneimine (Aziridine)	0.1
121-69-7	<i>N,N</i> -Dimethylaniline	1	156-10-5	<i>p</i> -Nitrosodiphenylamine	1
121-75-5	Malathion	0.1	156-62-7	Calcium cyanamide	1
122-34-9	Simazine	1	191-24-2	Benzo[g,h,i]perylene	*
122-39-4	Diphenylamine	1	298-00-0	Methyl parathion	1
122-66-7	1,2-Diphenylhydrazine	0.1	300-76-5	Naled	1
123-31-9	Hydroquinone	1	301-12-2	Oxydemeton-methyl	1
123-38-6	Propionaldehyde	1	302-01-2	Hydrazine	0.1
123-63-7	Paraldehyde	1	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1
123-72-8	Butyraldehyde	1	309-00-2	Aldrin	*
123-91-1	1,4-Dioxane	0.1	314-40-9	Bromacil	1
124-40-3	Dimethylamine	1	319-84-6	<i>alpha</i> -Hexachlorocyclohexane	0.1
124-73-2	Dibromotetrafluoroethane (1,2-Dibromo-1,1,2,2-tetrafluoroethane)	1	330-54-1	Diuron	1
126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1	330-55-2	Linuron	1
126-98-7	Methacrylonitrile	1	333-41-5	Diazinon	0.1
126-99-8	Chloroprene	0.1	334-88-3	Diazomethane	1
127-18-4	Tetrachloroethylene	0.1	353-59-3	Bromochlorodifluoromethane (Halon 1211)	1
128-03-0	Potassium dimethyldithiocarbamate	1	354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1
128-04-1	Sodium dimethyldithiocarbamate	1	354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1
128-66-5	C.I. Vat Yellow 4	1	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1
131-11-3	Dimethyl phthalate	1	354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1
131-52-2	Sodium pentachlorophenate	0.1	357-57-3	Brucine	1
132-27-4	Sodium <i>o</i> -phenylphenoxide	0.1	422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1
132-64-9	Dibenzofuran	1	422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1
133-06-2	Captan	1	422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1
133-07-3	Folpet	1	431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1
133-90-4	Chloramben	1	460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1
134-29-2	<i>o</i> -Anisidine hydrochloride	0.1	463-58-1	Carbonyl sulfide	1
134-32-7	<i>alpha</i> -Naphthylamine (1-Naphthalenamine)	0.1	465-73-6	Isodrin	*
135-20-6	Cupferron	0.1	492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1
136-45-8	Dipropyl isocinchomeronate	1			
137-26-8	Thiram	1			
137-41-7	Potassium <i>N</i> -methyldithiocarbamate	1			
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1			
138-93-2	Disodium cyanodithioimidocarbonate	1			
139-13-9	Nitrilotriacetic acid	0.1			
139-65-1	4,4'-Thiodianiline	0.1			
140-88-5	Ethyl acrylate	0.1			
141-32-2	Butyl acrylate	1			

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CASRN	Chemical Name	De minimis % Limit
505-60-2	Mustard gas	0.1
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1
509-14-8	Tetranitromethane	0.1
510-15-6	Chlorobenzilate	1
528-29-0	<i>o</i> -Dinitrobenzene	1
532-27-4	2-Chloroacetophenone	1
533-74-4	Dazomet	1
534-52-1	4,6-Dinitro- <i>o</i> -cresol	1
540-59-0	1,2-Dichloroethylene	1
541-41-3	Ethyl chloroformate	1
541-53-7	2,4-Dithiobiuret (Dithiobiuret)	1
541-73-1	1,3-Dichlorobenzene (<i>m</i> -Dichlorobenzene)	1
542-75-6	1,3-Dichloropropylene (1,3-Dichloropropene)	0.1
542-76-7	3-Chloropropionitrile	1
542-88-1	Bis(chloromethyl) ether	0.1
554-13-2	Lithium carbonate	1
556-52-5	Glycidol	0.1
556-61-6	Methyl isothiocyanate	1
563-47-3	3-Chloro-2-methyl-1-propene	0.1
569-64-2	C.I. Basic Green 4 (Malachite green)	1
584-84-9	Toluene-2,4-diisocyanate	0.1
593-60-2	Vinyl bromide	0.1
594-42-3	Perchloromethyl mercaptan	1
606-20-2	2,6-Dinitrotoluene	0.1
608-93-5	Pentachlorobenzene	*
612-82-8	3,3'-Dimethylbenzidine 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	0.1
621-64-7	<i>N</i> -Nitrosodi- <i>n</i> -propylamine	0.1
624-18-0	1,4-Phenylenediamine dihydrochloride	1
624-83-9	Methyl isocyanate	1
630-20-6	1,1,1,2-Tetrachloroethane	0.1
636-21-5	<i>o</i> -Toluidine hydrochloride	0.1
639-58-7	Triphenyltin chloride	1
680-31-9	Hexamethylphosphoramide	0.1
684-93-5	<i>N</i> -Nitroso- <i>N</i> -methylurea	0.1
709-98-8	Propanil	1
759-73-9	<i>N</i> -Nitroso- <i>N</i> -ethylurea	0.1
759-94-4	<i>S</i> -Ethyl dipropylthiocarbamate	1
764-41-0	1,4-Dichloro-2-butene	1
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1
834-12-8	Ametryn	1

CASRN	Chemical Name	De minimis % Limit
842-07-9	C.I. Solvent Yellow 14	1
872-50-4	<i>N</i> -Methyl-2-pyrrolidone	1
924-16-3	<i>N</i> -Nitrosodi- <i>n</i> -butylamine	0.1
924-42-5	<i>N</i> -Methylolacrylamide	1
957-51-7	Diphenamid	1
961-11-5	Tetrachlorvinphos	0.1
989-38-8	C.I. Basic Red 1	1
1114-71-2	Pebulate	1
1120-71-4	1,3-Propane sultone	0.1
1134-23-2	Cycloate	1
1163-19-5	Decabromodiphenyl oxide	1
1313-27-5	Molybdenum trioxide	0.1
1314-20-1	Thorium dioxide	1
1319-77-3	Cresol (mixed isomers)	1
1320-18-9	2,4-D propylene glycol butyl ether ester (2,4-D 2-butoxymethylethyl ester)	0.1
1330-20-7	Xylene (mixed isomers)	1
1332-21-4	Asbestos (friable)	0.1
1335-87-1	Hexachloronaphthalene	1
1336-36-3	Polychlorinated biphenyls	*
1344-28-1	Aluminum oxide (fibrous forms) (Alumina)	1
1464-53-5	Diepoxybutane	0.1
1563-66-2	Carbofuran	1
1582-09-8	Trifluralin	*
1634-04-4	Methyl tert-butyl ether	1
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1
1689-84-5	Bromoxynil	1
1689-99-2	Bromoxynil octanoate	1
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1
1836-75-5	Nitrofen	0.1
1861-40-1	Benfluralin	1
1897-45-6	Chlorothalonil	0.1
1910-42-5	Paraquat dichloride	1
1912-24-9	Atrazine	1
1918-00-9	Dicamba	1
1918-02-1	Picloram	1
1918-16-7	Propachlor	1
1928-43-4	2,4-D 2-ethylhexyl ester	0.1
1929-73-3	2,4-D 2-butoxyethyl ester	0.1
1929-82-4	Nitrapyrin	1
1937-37-7	C.I. Direct Black 38	0.1
1982-69-0	Sodium dicamba	1
1983-10-4	Tributyltin fluoride	1
2032-65-7	Methiocarb	1
2155-70-6	Tributyltin methacrylate	1
2164-07-0	Dipotassium endothall	1
2164-17-2	Fluometuron	1
2212-67-1	Molinate	1
2234-13-1	Octachloronaphthalene	1

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CASRN	Chemical Name	De minimis % Limit
2300-66-5	Dimethylamine dicamba	1
2303-16-4	Diallate	1
2303-17-5	Triallate	1
2312-35-8	Propargite	1
2439-01-2	Chinomethionate	1
2439-10-3	Dodine	1
2524-03-0	Dimethyl chlorothiophosphate	1
2602-46-2	C.I. Direct Blue 6	0.1
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1
2699-79-8	Sulfuryl fluoride	1
2702-72-9	2,4-D sodium salt	0.1
2832-40-8	C.I. Disperse Yellow 3	1
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1
2971-38-2	2,4-D chlorocrotyl ester	0.1
3118-97-6	C.I. Solvent Orange 7	1
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol	0.1
3383-96-8	Temephos	1
3653-48-3	Methoxone 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
4170-30-3	Crotonaldehyde	1
4549-40-0	N-Nitrosomethylvinylamine	0.1
4680-78-8	C.I. Acid Green 3	1
5234-68-4	Carboxin	1
5598-13-0	Chlorpyrifos-methyl	1
5902-51-2	Terbacil	1
6459-94-5	C.I. Acid Red 114	0.1
7287-19-6	Prometryn	1
7429-90-5	Aluminum (fume or dust)	1
7439-92-1	Lead	* see notes
7439-96-5	Manganese	1
7439-97-6	Mercury	*
7440-02-0	Nickel	0.1
7440-22-4	Silver	1
7440-28-0	Thallium	1
7440-36-0	Antimony	1
7440-38-2	Arsenic	0.1
7440-39-3	Barium	1
7440-41-7	Beryllium	0.1
7440-43-9	Cadmium	0.1
7440-47-3	Chromium	1
7440-48-4	Cobalt	0.1
7440-50-8	Copper	1
7440-62-2	Vanadium (except when contained in an alloy)	1
7440-66-6	Zinc (fume or dust)	1
7550-45-0	Titanium tetrachloride	1
7632-00-0	Sodium nitrite	1

CASRN	Chemical Name	De minimis % Limit
7637-07-2	Boron trifluoride	1
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1
7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	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
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1
7696-12-0	Tetramethrin	1
7697-37-2	Nitric acid	1
7726-95-6	Bromine	1
7758-01-2	Potassium bromate	0.1
7782-41-4	Fluorine	1
7782-49-2	Selenium	1
7782-50-5	Chlorine	1
7783-06-4	Hydrogen sulfide	1
7786-34-7	Mevinphos	1
7803-51-2	Phosphine	1
8001-35-2	Toxaphene	*
8001-58-9	Creosote	0.1
9006-42-2	Metiram	1
10028-15-6	Ozone	1
10034-93-2	Hydrazine sulfate (1:1)	0.1
10049-04-4	Chlorine dioxide	1
10061-02-6	trans-1,3-Dichloropropene	0.1
10294-34-5	Boron trichloride	1
10453-86-8	Resmethrin	1
12122-67-7	Zineb	1
12185-10-3	Phosphorus (yellow or white)	1
12427-38-2	Maneb	1
13194-48-4	Ethoprop	1
13356-08-6	Fenbutatin oxide	1
13463-40-6	Iron pentacarbonyl	1
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1
13684-56-5	Desmedipham	1
14484-64-1	Ferbam	1
15972-60-8	Alachlor	1
16071-86-6	C.I. Direct Brown 95	0.1
16543-55-8	N-Nitrosornicotine	0.1
17804-35-2	Benomyl	1

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
19044-88-3	Oryzalin	1
19666-30-9	Oxadiazon	1
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride	0.1
20354-26-1	Methazole	1
20816-12-0	Osmium tetroxide	1
20859-73-8	Aluminum phosphide	1
21087-64-9	Metribuzin	1
21725-46-2	Cyanazine	1
22781-23-3	Bendiocarb	1
23564-05-8	Thiophanate-methyl	1
23564-06-9	Thiophanate-ethyl	1
23950-58-5	Pronamide	1
25311-71-1	Isofenphos	1
25321-14-6	Dinitrotoluene (mixed isomers)	1
25321-22-6	Dichlorobenzene (mixed isomers)	0.1
25376-45-8	Diaminotoluene (mixed isomers) (Toluenediamine)	0.1
26002-80-2	Phenothrin	1
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
26628-22-8	Sodium azide	1
26644-46-2	Triforine	1
27314-13-2	Norflurazon	1
28249-77-6	Thiobencarb	1
28407-37-6	C.I. Direct Blue 218	1

CASRN	Chemical Name	De minimis % Limit
28434-00-6	<i>d-trans</i> -Allethrin	1
29082-74-4	Octachlorostyrene	*
29232-93-7	Pirimiphos-methyl	1
30560-19-1	Acephate	1
31218-83-4	Propetamphos	1
33089-61-1	Amitraz	1
34014-18-1	Tebuthiuron	1
34077-87-7	Dichlorotrifluoroethane	1
35367-38-5	Diflubenzuron	1
35400-43-2	Sulprofos	1
35554-44-0	Imazalil	1
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1
38727-55-8	Diethyl ethyl	1
39156-41-7	2,4-Diaminoanisoole sulfate	0.1
39300-45-3	Dinocap	1
39515-41-8	Fenpropathrin	1
40487-42-1	Pendimethalin	*
41198-08-7	Profenofos	1
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride	0.1
42874-03-3	Oxyfluorfen	1
43121-43-3	Triadimefon	1
50471-44-8	Vinclozolin	1
51235-04-2	Hexazinone	1
51338-27-3	Diclofop methyl	1
51630-58-1	Fenvalerate	1
52645-53-1	Permethrin	1

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
53404-19-6	Bromacil, lithium salt	1
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
53404-60-7	Dazomet, sodium salt	1
55290-64-7	Dimethipin	1
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1
57213-69-1	Triclopyr-triethylammonium salt	1
59669-26-0	Thiodicarb	1
60168-88-9	Fenarimol	1
60207-90-1	Propiconazole	1
62476-59-9	Acifluorfen, sodium salt	1
63938-10-3	Chlorotetrafluoroethane	1
64902-72-3	Chlorsulfuron	1
64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
66441-23-4	Fenoxaprop-ethyl	1
67485-29-4	Hydramethylnon	1
68085-85-8	Cyhalothrin	1
68359-37-5	Cyfluthrin	1
69409-94-5	Fluvalinate	1
69806-50-4	Fluazifop-butyl	1
71751-41-2	Abamectin	1
72178-02-0	Fomesafen	1
72490-01-8	Fenoxycarb	1
74051-80-2	Sethoxydim	1
76578-14-8	Quizalofop-ethyl	1
77501-63-4	Lactofen	1
82657-04-3	Bifenthrin	1
88671-89-0	Myclobutanil	1
90454-18-5	Dichloro-1,1,2-trifluoroethane	1
90982-32-4	Chlorimuron-ethyl	1
101200-48-0	Tribenuron-methyl	1
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1
111984-09-9	3,3'-Dimethoxybenzidine monohydrochloride	0.1
127564-92-5	Dichloropentafluoropropane	1
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1

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.

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.

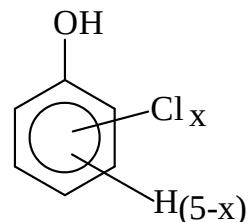
N050 Beryllium Compounds (0.1)

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

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

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; other chromium compounds: 1.0)
Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure.

N096 Cobalt Compounds (cobalt compounds that release cobalt ions in vivo: 0.1, all other cobalt 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^+ = any group (except H^+) where a formal dissociation can be made. For example, KCN or $Ca(CN)_2$

N120 Diisocyanates (1.0)
 This category includes only those chemicals listed below.

CASRN	Chemical Name
38661-72-2	1,3-Bis(methylisocyanate)cyclohexane
10347-54-3	1,4-Bis(methylisocyanate)cyclohexane (1,4-Bis(isocyanatomethyl)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

CASRN	Chemical Name
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	4,4'-Methylenedi(phenyl isocyanate)
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 #	CASRN	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

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Box #	CASRN	Chemical Name
8	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran
9	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran
10	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran
11	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran
12	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran
13	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran
14	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran
15	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran
16	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
17	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran

N171 Ethylenebisdithiocarbamic acid, salts and esters (EBDCs) (1.0)
Includes any unique chemical substance that contains an EBDC or an EBDC salt as part of that chemical's infrastructure.

N230 Certain Glycol Ethers (1.0)
 $R - (OCH_2CH_2)_n - OR'$
 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)

CASRN	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.

CASRN	Chemical Name
104-40-5	4-Nonylphenol (<i>p</i> -Nonylphenol)
11066-49-2	Isononylphenol
25154-52-3	Nonylphenol
26543-97-5	4-Isononylphenol
84852-15-3	4-Nonylphenol, branched (Branched <i>p</i> -nonylphenol)
90481-04-2	Nonylphenol, branched

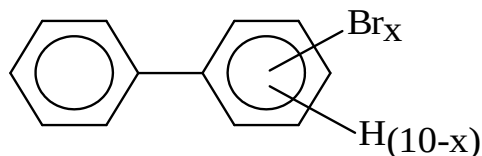
N535 Nonylphenol Ethoxylates (1.0)
 This category includes only those chemicals listed below.

CASRN	Chemical Name
7311-27-5	Ethanol, 2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]-

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CASRN	Chemical Name
9016-45-9	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-; (Polyethylene glycol nonylphenyl ether)
20427-84-3	Ethanol, 2-[2-(4-nonylphenoxy)ethoxy]-; (2-[2-(4-Nonylphenoxy)ethoxy]ethanol)
26027-38-3	Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-; (<i>p</i> -Nonylphenol polyethylene glycol ether)
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-; (Diethylene glycol nonylphenol ether)
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-Nonaonanacosan-1-ol, 29-(nonylphenoxy)-
27986-36-3	Ethanol, 2-(nonylphenoxy)-; (2-(Nonylphenoxy)ethanol)
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; (Polyethylene glycol mono(branched nonylphenyl) ether)
127087-87-0	Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-, branched; (Polyethylene glycol mono(branched <i>p</i> -nonylphenyl) ether)

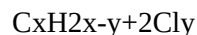
N575 Polybrominated Biphenyls (PBBs) (0.1)



where $x = 1$ to 10

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.

CASRN	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]fluorine (Fluoranthene)
189-55-9	Benzo[r,s,t]pentaphene (Dibenzo[a,i]pyrene)
218-01-9	Benzo[a]phenanthrene (Chrysene)
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 (Dibenz[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

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CASRN	Chemical Name
5522-43-0	1-Nitropyrene
57835-92-4	4-Nitropyrene

N725 Selenium Compounds (1.0)
Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.

N740 Silver Compounds (1.0)
Includes any unique chemical substance that contains silver as part of that chemical's infrastructure.

N746 Strychnine and salts (1.0)
Includes any unique chemical substance that contains strychnine or a strychnine salt as part of that chemical's infrastructure.

N760 Thallium Compounds (1.0)
Includes any unique chemical substance that contains thallium as part of that chemical's infrastructure.

N770 Vanadium Compounds (1.0)
Includes any unique chemical substance that contains vanadium as part of that chemical's infrastructure.

N874 Warfarin and salts (1.0)
Includes any unique chemical substance that contains warfarin or a warfarin salt as part of that chemical's infrastructure.

N982 Zinc Compounds (1.0)
Includes any unique chemical substance that contains zinc as part of that chemical's infrastructure.

d. Individually-Listed PFAS Arranged Alphabetically

CASRN	Chemical Name	De minimis % Limit
68391-08-2	Alcohols, C8-14, γ-ω-perfluoro	1.0
97659-47-7	Alkenes, C8-14 α-, δ-ω-perfluoro	1.0
68188-12-5	Alkyl iodides, C4-20, γ-ω-perfluoro	1.0
3825-26-1	Ammonium perfluorooctanoate	1.0
68515-62-8	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, α-fluoro-ω-(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and polyethylene glycol	1.0
68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(γ-ω-perfluoro-C6-20-alkyl)thio] derivs.	1.0
383-07-3	2-[Butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate	1.0
68141-02-6	Chromium(III) perfluorooctanoate	1.0
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt	1.0
68156-07-0	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt	1.0
68156-01-4	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt	1.0
3107-18-4	Cyclohexanesulfonic acid, undecafluoro-, potassium salt	1.0
2043-53-0	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-	1.0
67906-42-7	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-, ammonium salt	1.0
27619-90-5	1-Decanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	1.0
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	1.0
118400-71-8	Disulfides, bis(γ-ω-perfluoro-C6-20-alkyl)	1.0
2043-54-1	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-	1.0

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CASRN	Chemical Name	De minimis % Limit
27619-91-6	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	1.0
865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	1.0
65104-65-6	1-Eicosanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-heptatriacontafuoro-	1.0
65636-35-3	Ethanaminium, <i>N,N</i> -diethyl- <i>N</i> -methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamide	1.0
56773-42-3	Ethanaminium, <i>N,N,N</i> -triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1)	1.0
182176-52-9	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate	1.0
65530-74-7	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)	1.0
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)	1.0
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoropoly(difluoromethylene)] (1:1)	1.0
423-82-5	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate	1.0
376-14-7	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl methacrylate	1.0
1691-99-2	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorooctanesulfonamide	1.0
72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts	1.0
72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts	1.0
178535-23-4	Fatty acids, linseed-oil, γ - ω -perfluoro-C8-14-alkyl esters	1.0
2991-51-7	Glycine, <i>N</i> -ethyl- <i>N</i> -[(heptadecafluorooctyl)sulfonyl]-, potassium salt	1.0
67584-62-7	Glycine, <i>N</i> -ethyl- <i>N</i> -[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	1.0
67584-53-6	Glycine, <i>N</i> -ethyl- <i>N</i> -[(tridecafluorohexyl)sulfonyl]-, potassium salt	1.0
67584-52-5	Glycine, <i>N</i> -ethyl- <i>N</i> -[(undecafluoropentyl)sulfonyl]-, potassium salt	1.0
55910-10-6	Glycine, <i>N</i> -[(heptadecafluorooctyl)sulfonyl]- <i>N</i> -propyl-, potassium salt	1.0
1652-63-7	3-[[[(Heptadecafluorooctyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-1-propanaminium iodide	1.0
25268-77-3	2-[[[(Heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate	1.0
68957-62-0	1-Heptanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	1.0
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-	1.0
68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt	1.0
70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
60270-55-5	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt	1.0
335-71-7	1-Heptanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	1.0
65510-55-6	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-	1.0
60699-51-6	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-	1.0
13252-13-6	Hexafluoropropylene oxide dimer acid	1.0
62037-80-3	Hexafluoropropylene oxide dimer acid ammonium salt	1.0
135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, γ - ω -perfluoro-C6-20-alc.-blocked	1.0
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-	1.0
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt	1.0

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CASRN	Chemical Name	De minimis % Limit
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt	1.0
29457-72-5	Lithium (perfluorooctane)sulfonate	1.0
376-27-2	Methyl perfluorooctanoate	1.0
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt	1.0
16517-11-6	Octadecanoic acid, pentatriacontafuoro-	1.0
65104-67-8	1-Octadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-tritriacontafuoro-	1.0
2263-09-4	1-Octanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-	1.0
178094-69-4	1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt	1.0
67969-69-1	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonooxy)ethyl]-, diammonium salt	1.0
61660-12-6	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trimethoxysilyl)propyl]-	1.0
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-N-methyl-	1.0
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-methyl-	1.0
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt	1.0
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
335-66-0	Octanoyl fluoride, pentadecafluoro-	1.0
68555-74-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-	1.0
68259-09-6	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt	1.0
70225-17-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
3872-25-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt	1.0
71608-60-1	Pentanoic acid, 4,4-bis[(γ-ω-perfluoro-C8-20-alkyl)thio] derivs.	1.0
45187-15-3	Perfluorobutanesulfonate	1.0
375-73-5	Perfluorobutane sulfonic acid	1.0
335-76-2	Perfluorodecanoic acid	1.0
307-55-1	Perfluorododecanoic acid	1.0
355-46-4	Perfluorohexanesulfonic acid	1.0
375-95-1	Perfluorononanoic acid	1.0
1763-23-1	Perfluorooctane sulfonic acid	1.0
335-67-1	Perfluorooctanoic acid	0.1
21652-58-4	Perfluorooctyl ethylene	1.0
507-63-1	Perfluorooctyl iodide	1.0
307-35-7	Perfluorooctylsulfonyl fluoride	1.0
67905-19-5	Perfluoropalmitic acid	1.0
376-06-7	Perfluorotetradecanoic acid	1.0
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.	1.0
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.	1.0
74499-44-8	Phosphoric acid, γ-ω-perfluoro-C8-16-alkyl esters, compds. with diethanolamine	1.0
123171-68-6	Poly(difluoromethylene), α-[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]-ω-fluoro-, inner salt	1.0
65530-83-8	Poly(difluoromethylene), α-[2-[(2-carboxyethyl)thio]ethyl]-ω-fluoro-	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
65530-69-0	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-, lithium salt	1.0
65605-56-3	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate	1.0
65605-57-4	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate	1.0
65530-59-8	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)	1.0
65530-66-7	Poly(difluoromethylene), α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-	1.0
65530-65-6	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxooctadecyl)oxy]ethyl]-	1.0
65605-73-4	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer	1.0
65530-61-2	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-	1.0
95144-12-0	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, ammonium salt	1.0
65530-72-5	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, diammonium salt	1.0
65530-71-4	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, monoammonium salt	1.0
80010-37-3	Poly(difluoromethylene), α -fluoro- ω -[2-sulphoethyl]-	1.0
65530-62-3	Poly(difluoromethylene), α, α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-	1.0
65530-70-3	Poly(difluoromethylene), α, α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-, ammonium salt	1.0
29117-08-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68958-61-2	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -methoxy-	1.0
68298-81-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68958-60-1	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -methoxy-	1.0
56372-23-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68298-80-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
65545-80-4	Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, ether with α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene) (1:1)	1.0
70983-59-4	Poly(oxy-1,2-ethanediyl), α -methyl- ω -hydroxy-, 2-hydroxy-3-[(γ - ω -perfluoro-C6-20-alkyl)thio]propyl ethers	1.0
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
29420-49-3	Potassium perfluorobutane sulfonate	1.0
2795-39-3	Potassium perfluorooctanesulfonate	1.0
2395-00-8	Potassium perfluorooctanoate	1.0
1078715-61-3	1-Propanaminium, 3-amino- <i>N</i> -(carboxymethyl)- <i>N,N</i> -dimethyl-, <i>N</i> -[2-[(γ - ω -perfluoro-C4-20-alkyl)thio]acetyl] derivs., inner salts	1.0
38006-74-5	1-Propanaminium, 3-[[heptadecafluorooctyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-, chloride	1.0
70983-60-7	1-Propanaminium, 2-hydroxy- <i>N,N,N</i> -trimethyl-, 3-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs., chlorides	1.0
68555-81-7	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, chloride	1.0

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CASRN	Chemical Name	De minimis % Limit
67584-58-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, iodide	1.0
52166-82-2	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, chloride	1.0
68957-58-4	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, iodide	1.0
68957-55-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, chloride	1.0
68957-57-3	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, iodide	1.0
238420-80-9	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., bis[4-(ethenloxy)butyl] esters	1.0
238420-68-3	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., di-me esters	1.0
148240-85-1	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C4-10-alkyl)thio]methyl] derivs., phosphates, ammonium salts	1.0
148240-87-3	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., phosphates, ammonium salts	1.0
1078142-10-5	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., polymers with 2,2-bis[[γ - ω -perfluoro-C10-20-alkyl)thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]	1.0
148240-89-5	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C10-20-alkyl)thio]methyl] derivs., phosphates, ammonium salts	1.0
68187-47-3	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(γ - ω -perfluoro-C4-16-alkyl)thio]propyl]amino] derivs., sodium salts	1.0
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,4-butanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	1.0
68298-62-4	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol	1.0
65605-58-5	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)	1.0
59071-10-2	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	1.0
68867-60-7	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and α -(1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl)	1.0
150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ - ω -perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated	1.0
196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates	1.0
65605-59-6	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and <i>N</i> -(hydroxymethyl)-2-propenamide	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
68555-91-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	1.0
68239-43-0	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamido	1.0
2144-54-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester	1.0
65104-45-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	1.0
1996-88-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	1.0
203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, γ - ω -perfluoro-C10-16-alkyl acrylate and stearyl methacrylate	1.0
4980-53-4	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl ester	1.0
142636-88-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate	1.0
6014-75-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester	1.0
68084-62-8	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	1.0
200513-42-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	1.0
67584-57-0	2-Propenoic acid, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester	1.0
67584-56-9	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester	1.0
61798-68-3	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, salt with 4-methylbenzenesulfonic acid (1:1)	1.0
83048-65-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-	1.0
78560-44-8	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-	1.0
125476-71-3	Silicic acid (H ₄ SiO ₄), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol	1.0
143372-54-7	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether	1.0
335-93-3	Silver(I) perfluorooctanoate	1.0
335-95-5	Sodium perfluorooctanoate	1.0
4151-50-2	Sulfluramid	1.0
180582-79-0	Sulfonic acids, C6-12-alkane, γ - ω -perfluoro, ammonium salts	1.0
30046-31-2	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-	1.0
68758-57-6	1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-	1.0

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CASRN	Chemical Name	De minimis % Limit
39239-77-5	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-	1.0
27905-45-9	1,1,2,2-Tetrahydroperfluorodecyl acrylate	1.0
17741-60-5	1,1,2,2-Tetrahydroperfluorododecyl acrylate	1.0
34362-49-7	1,1,2,2-Tetrahydroperfluorohexadecyl acrylate	1.0
34395-24-9	1,1,2,2-Tetrahydroperfluorotetradecyl acrylate	1.0
97553-95-2	Thiocyanic acid, γ - ω -perfluoro-C4-20-alkyl esters	1.0
68140-18-1	Thiols, C4-10, γ - ω -perfluoro	1.0
1078712-88-5	Thiols, C4-20, γ - ω -perfluoro, telomers with acrylamide and acrylic acid, sodium salts	1.0
68140-20-5	Thiols, C6-12, γ - ω -perfluoro	1.0
70969-47-0	Thiols, C8-20, γ - ω -perfluoro, telomers with acrylamide	1.0
68140-21-6	Thiols, C10-20, γ - ω -perfluoro	1.0

e. Individually-Listed PFAS Arranged by CASRN

CASRN	Chemical Name	De minimis % Limit
307-35-7	Perfluorooctylsulfonfyl fluoride	1.0
307-55-1	Perfluorododecanoic acid	1.0
335-66-0	Octanoyl fluoride, pentadecafluoro-	1.0
335-67-1	Perfluorooctanoic acid	0.1
335-71-7	1-Heptanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	1.0
335-76-2	Perfluorodecanoic acid	1.0
335-93-3	Silver(I) perfluorooctanoate	1.0
335-95-5	Sodium perfluorooctanoate	1.0
355-46-4	Perfluorohexanesulfonic acid	1.0
375-73-5	Perfluorobutane sulfonic acid	1.0
375-95-1	Perfluorononanoic acid	1.0
376-06-7	Perfluorotetradecanoic acid	1.0
376-14-7	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl methacrylate	1.0
376-27-2	Methyl perfluorooctanoate	1.0
383-07-3	2-[Butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate	1.0
423-82-5	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate	1.0
507-63-1	Perfluorooctyl iodide	1.0
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	1.0
865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	1.0
1652-63-7	3-[[Heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-1-propanaminium iodide	1.0
1691-99-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide	1.0
1763-23-1	Perfluorooctane sulfonic acid	1.0
1996-88-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	1.0
2043-53-0	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-	1.0
2043-54-1	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-	1.0
2144-54-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester	1.0
2263-09-4	1-Octanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-	1.0
2395-00-8	Potassium perfluorooctanoate	1.0
2795-39-3	Potassium perfluorooctanesulfonate	1.0
2991-51-7	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt	1.0
3107-18-4	Cyclohexanesulfonic acid, undecafluoro-, potassium salt	1.0
3825-26-1	Ammonium perfluorooctanoate	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt	1.0
3872-25-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt	1.0
4151-50-2	Sulfluramid	1.0
4980-53-4	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluorohexadecyl ester	1.0
6014-75-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl ester	1.0
13252-13-6	Hexafluoropropylene oxide dimer acid	1.0
16517-11-6	Octadecanoic acid, pentatriacontafluoro-	1.0
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt	1.0
17741-60-5	1,1,2,2-Tetrahydroperfluorododecyl acrylate	1.0
21652-58-4	Perfluorooctyl ethylene	1.0
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-	1.0
25268-77-3	2-[[[(Heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate	1.0
27619-90-5	1-Decanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	1.0
27619-91-6	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-	1.0
27905-45-9	1,1,2,2-Tetrahydroperfluorodecyl acrylate	1.0
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt	1.0
29117-08-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
29420-49-3	Potassium perfluorobutane sulfonate	1.0
29457-72-5	Lithium (perfluorooctane)sulfonate	1.0
30046-31-2	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafluoro-14-iodo-	1.0
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- <i>N</i> -methyl-	1.0
34362-49-7	1,1,2,2-Tetrahydroperfluorohexadecyl acrylate	1.0
34395-24-9	1,1,2,2-Tetrahydroperfluorotetradecyl acrylate	1.0
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
38006-74-5	1-Propanaminium, 3-[[[(heptadecafluorooctyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-, chloride	1.0
39239-77-5	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluoro-	1.0
45187-15-3	Perfluorobutanesulfonate	1.0
52166-82-2	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[[(tridecafluorohexyl)sulfonyl]amino]-, chloride	1.0
55910-10-6	Glycine, <i>N</i> -[(heptadecafluorooctyl)sulfonyl]- <i>N</i> -propyl-, potassium salt	1.0
56372-23-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
56773-42-3	Ethanaminium, <i>N,N,N</i> -triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1)	1.0
59071-10-2	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	1.0
60270-55-5	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt	1.0
60699-51-6	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluoro-	1.0
61660-12-6	1-Octanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- <i>N</i> -[3-(trimethoxysilyl)propyl]-	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
61798-68-3	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, salt with 4-methylbenzenesulfonic acid (1:1)	1.0
62037-80-3	Hexafluoropropylene oxide dimer acid ammonium salt	1.0
65104-45-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	1.0
65104-65-6	1-Eicosanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-heptatriacontafuoro-	1.0
65104-67-8	1-Octadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-tritriacontafuoro-	1.0
65510-55-6	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-	1.0
65530-59-8	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)	1.0
65530-61-2	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-	1.0
65530-62-3	Poly(difluoromethylene), α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-	1.0
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)	1.0
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoropoly(difluoromethylene)] (1:1)	1.0
65530-65-6	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxooctadecyl)oxy]ethyl]-	1.0
65530-66-7	Poly(difluoromethylene), α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-	1.0
65530-69-0	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-, lithium salt	1.0
65530-70-3	Poly(difluoromethylene), α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-, ammonium salt	1.0
65530-71-4	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, monoammonium salt	1.0
65530-72-5	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, diammonium salt	1.0
65530-74-7	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)	1.0
65530-83-8	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-	1.0
65545-80-4	Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, ether with α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene) (1:1)	1.0
65605-56-3	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate	1.0
65605-57-4	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate	1.0
65605-58-5	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)	1.0
65605-59-6	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and <i>N</i> -(hydroxymethyl)-2-propenamide	1.0
65605-73-4	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer	1.0
65636-35-3	Ethanaminium, <i>N,N</i> -diethyl- <i>N</i> -methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamide	1.0
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt	1.0
67584-52-5	Glycine, <i>N</i> -ethyl- <i>N</i> -[(undecafluoropentyl)sulfonyl]-, potassium salt	1.0
67584-53-6	Glycine, <i>N</i> -ethyl- <i>N</i> -[(tridecafluorohexyl)sulfonyl]-, potassium salt	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
67584-56-9	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester	1.0
67584-57-0	2-Propenoic acid, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester	1.0
67584-58-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, iodide	1.0
67584-62-7	Glycine, <i>N</i> -ethyl- <i>N</i> -[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	1.0
67905-19-5	Perfluoropalmitic acid	1.0
67906-42-7	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-, ammonium salt	1.0
67969-69-1	1-Octanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- <i>N</i> -[2-(phosphonooxy)ethyl]-, diammonium salt	1.0
68084-62-8	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	1.0
68140-18-1	Thiols, C4-10, γ - ω -perfluoro	1.0
68140-20-5	Thiols, C6-12, γ - ω -perfluoro	1.0
68140-21-6	Thiols, C10-20, γ - ω -perfluoro	1.0
68141-02-6	Chromium(III) perfluorooctanoate	1.0
68156-01-4	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt	1.0
68156-07-0	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt	1.0
68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.	1.0
68187-47-3	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(γ - ω -perfluoro-C4-16-alkyl)thio]propyl]amino] derivs., sodium salts	1.0
68188-12-5	Alkyl iodides, C4-20, γ - ω -perfluoro	1.0
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,4-butanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	1.0
68239-43-0	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamamide	1.0
68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt	1.0
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt	1.0
68259-09-6	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt	1.0
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68298-62-4	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol	1.0
68298-80-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68298-81-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-	1.0
68391-08-2	Alcohols, C8-14, γ - ω -perfluoro	1.0
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.	1.0
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
68515-62-8	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and polyethylene glycol	1.0
68555-74-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-	1.0
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-	1.0
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-	1.0
68555-81-7	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, chloride	1.0
68555-91-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	1.0
68758-57-6	1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-	1.0
68867-60-7	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and α -(1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl)	1.0
68957-55-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, chloride	1.0
68957-57-3	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, iodide	1.0
68957-58-4	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, iodide	1.0
68957-62-0	1-Heptanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	1.0
68958-60-1	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -methoxy-	1.0
68958-61-2	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -methoxy-	1.0
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
70225-17-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	1.0
70969-47-0	Thiols, C8-20, γ - ω -perfluoro, telomers with acrylamide	1.0
70983-59-4	Poly(oxy-1,2-ethanediyl), α -methyl- ω -hydroxy-, 2-hydroxy-3-[(γ - ω -perfluoro-C6-20-alkyl)thio]propyl ethers	1.0
70983-60-7	1-Propanaminium, 2-hydroxy- <i>N,N,N</i> -trimethyl-, 3-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs., chlorides	1.0
71608-60-1	Pentanoic acid, 4,4-bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs.	1.0
72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts	1.0
72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts	1.0
74499-44-8	Phosphoric acid, γ - ω -perfluoro-C8-16-alkyl esters, compds. with diethanolamine	1.0
78560-44-8	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-	1.0
80010-37-3	Poly(difluoromethylene), α -fluoro- ω -[2-sulphoethyl]-	1.0
83048-65-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-	1.0

Table II. EPCRA Section 313 Chemical List for Reporting Year 2022

CASRN	Chemical Name	De minimis % Limit
95144-12-0	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonoxy)ethyl]-, ammonium salt	1.0
97553-95-2	Thiocyanic acid, γ - ω -perfluoro-C4-20-alkyl esters	1.0
97659-47-7	Alkenes, C8-14 α -, δ - ω -perfluoro	1.0
118400-71-8	Disulfides, bis(γ - ω -perfluoro-C6-20-alkyl)	1.0
123171-68-6	Poly(difluoromethylene), α -[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]- ω -fluoro-, inner salt	1.0
125476-71-3	Silicic acid (H ₄ SiO ₄), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol	1.0
135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, γ - ω -perfluoro-C6-20-alc.-blocked	1.0
142636-88-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate	1.0
143372-54-7	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether	1.0
148240-85-1	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C4-10-alkyl]thio]methyl] derivs., phosphates, ammonium salts	1.0
148240-87-3	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C6-12-alkyl]thio]methyl] derivs., phosphates, ammonium salts	1.0
148240-89-5	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C10-20-alkyl]thio]methyl] derivs., phosphates, ammonium salts	1.0
150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ - ω -perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated	1.0
178094-69-4	1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt	1.0
178535-23-4	Fatty acids, linseed-oil, γ - ω -perfluoro-C8-14-alkyl esters	1.0
180582-79-0	Sulfonic acids, C6-12-alkane, γ - ω -perfluoro, ammonium salts	1.0
182176-52-9	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate	1.0
196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates	1.0
200513-42-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	1.0
203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, γ - ω -perfluoro-C10-16-alkyl acrylate and stearyl methacrylate	1.0
238420-68-3	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., di-me esters	1.0
238420-80-9	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., bis[4-(ethenloxy)butyl] esters	1.0
1078142-10-5	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C6-12-alkyl]thio]methyl] derivs., polymers with 2,2-bis[[γ - ω -perfluoro-C10-20-alkyl]thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]	1.0
1078712-88-5	Thiols, C4-20, γ - ω -perfluoro, telomers with acrylamide and acrylic acid, sodium salts	1.0
1078715-61-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(γ - ω -perfluoro-C4-20-alkyl)thio]acetyl] derivs., inner salts	1.0

Table III. Default Percentages for Section 6.1 Transfers

Section 6.1 of the Form R requires the reporting of the quantities of TRI-listed chemicals transferred off site to publicly owned treatment works (POTW) facilities during a given reporting year. Section 8 of the Form R requires subject facilities to use their best readily available information to determine the final waste management disposition of TRI chemicals initially sent to POTWs and then distribute the quantities reported in Section 6.1 among Sections 8.1c, 8.1d, and 8.7 of the Form R, as appropriate. If subject facilities have accurate information readily available on the final waste management disposition of a given TRI chemical following transfer to a particular POTW, then they should use this information to calculate and report Section 6.1 and 8 quantities. If subject facilities, however, do not have information on the final waste management disposition of a given TRI chemical transferred to a particular POTW, then they may use EPA-provided chemical-specific default POTW distribution percentages, as provided in the table below, to assist with Section 8 reportable quantity calculations.

The TRI chemical-specific default POTW distribution percentages provided by EPA are based on and derived from experimental and estimated POTW removal (treatment) and partitioning rate data collected by the Agency and used in EPA's Risk-Screening Environmental Indicators (RSEI) model. To predict the environmental fate of TRI-listed chemicals transferred to POTWs, EPA uses data on chemical removal efficiencies at POTWs and of the ultimate fate of the chemical removed. The amount of the chemical removed by POTWs is divided into the percentages removed by (1) sorbing to sludge, (2) volatilizing into the air, or (3) degradation. The below table 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 degraded to Section 8.7 (Quantity treated off-site). The percentage of the influent chemical that passes through the POTW (i.e., that is not removed/treated) and remains in effluent discharges is also assigned to Section 8.1d.

These default POTW distribution percentages that EPA provides are automatically pre-loaded in TRI-MEweb and are applied to quantities provided in Section 6.1 to assist with Section 8 calculations for users who do not know the ultimate waste management disposition of their off-site transfers to POTWs. Note that the below table does not contain default POTW distribution percentages for all TRI-listed chemicals and chemical categories. For chemicals and chemical categories not included in the table, the default assumption is that 100% of the chemical or chemical category transferred to a POTW is treated for destruction (i.e., 100% to Section 8.7), with the exception of elemental metals, metal category compounds, and PFAS, for which the default assumption is that 100% of the chemical or chemical category is released to the environment (including disposed of) (i.e., 100% to Section 8.1d).

POTW removal efficiencies are a function of many factors, including the treatment technology in place at a particular POTW. Therefore, information about the final waste management disposition of TRI chemicals at the specific POTW in question should be used in place of the default POTW distribution percentages provided by EPA in the table below, if available. EPA's understanding is that these default POTW distribution percentages and assumptions are realistic expectations for typical POTWs treating TRI chemicals and that EPA will incorporate more precise default POTW distribution percentages and assumptions when it learns of more accurate data.

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		8.1c	8.1d	8.7
Arranged by CASRN				
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	1	55	44
52-68-6	Trichlorfon	0	8	92
53-96-3	2-Acetylaminofluorene	5	42	53

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		8.1c	8.1d	8.7
56-23-0	Nitroglycerin	1	24	75
56-23-5	Carbon tetrachloride	2	88	10
56-38-2	Parathion	9	2	89
57-14-7	1,1-Dimethylhydrazine	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

Table III. Default Percentages for Section 6.1 Transfers

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		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
64-75-5	Tetracycline hydrochloride	1	55	44
67-56-1	Methanol	0	8	92
67-66-3	Chloroform	1	73	26
67-72-1	Hexachloroethane	18	56	26
68-12-2	<i>N,N</i> -Dimethylformamide	0	8	92
70-30-4	Hexachlorophene	62	1	37
71-36-3	<i>n</i> -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 (HCFC-21)	1	91	8
75-44-5	Phosgene	0	0	100
75-45-6	Chlorodifluoromethane (HCFC-22)	1	88	11
75-55-8	Propyleneimine	1	25	74
75-56-9	Propylene oxide	0	9	91

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		0	99	1
75-65-0	<i>tert</i> -Butyl alcohol	1	55	44
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	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 (HCFC-133a)	0	99	1
76-01-7	Pentachloroethane	6	75	19
76-06-2	Chloropicrin	1	88	11
76-13-1	Freon 113 (CFC-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	<i>S,S,S</i> -Tributyltrithiophosphate	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	<i>sec</i> -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	Dimethylcarbamoyl 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

Table III. Default Percentages for Section 6.1 Transfers

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		1	25	74
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1	25	74
82-68-8	Quintozene	43	11	46
84-74-2	Dibutyl phthalate	29	1	70
85-01-8	Phenanthrene	32	6	62
85-44-9	Phthalic anhydride	0	1	99
86-30-6	N-Nitrosodiphenylamine	5	42	53
87-62-7	2,6-Xylidine	2	53	45
87-68-3	Hexachloro-1,3-butadiene	45	23	32
87-86-5	Pentachlorophenol	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	<i>o</i> -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	<i>beta</i> -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	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	<i>o</i> -Xylene	3	16	81
95-48-7	<i>o</i> -Cresol	0	8	92
95-50-1	1,2-Dichlorobenzene	7	47	46
95-53-4	<i>o</i> -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	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

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		7	13	80
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- <i>o</i> -toluidine	1	54	45
99-65-0	<i>m</i> -Dinitrobenzene	1	54	45
100-01-6	<i>p</i> -Nitroaniline	1	54	45
100-02-7	4-Nitrophenol	0	93	7
100-25-4	<i>p</i> -Dinitrobenzene	1	54	45
100-41-4	Ethylbenzene	3	45	52
100-42-5	Styrene	2	13	85
100-44-7	Benzyl chloride	1	27	72
100-75-4	N-Nitrosopiperidine	1	55	44
101-05-3	Anilazine	16	19	65
101-14-4	4,4'-Methylenebis(2-chloroaniline)	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	<i>p</i> -Xylene	3	19	78
106-44-5	<i>p</i> -Cresol	0	8	92
106-46-7	1,4-Dichlorobenzene	7	49	44
106-47-8	<i>p</i> -Chloroaniline	1	54	45
106-50-3	<i>p</i> -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
106-94-5	1-Bromopropane	1	70	29
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	<i>m</i> -Xylene	3	18	79
108-39-4	<i>m</i> -Cresol	0	8	92
108-45-2	1,3-Phenylenediamine	1	55	44

Table III. Default Percentages for Section 6.1 Transfers

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		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	<i>n</i> -Hexane	9	53	38
110-57-6	<i>trans</i> -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	0	91	9
115-32-2	Dicofol	44	2	54
116-06-3	Aldicarb	1	54	45
117-79-3	2-Aminoanthraquinone	2	52	46
117-81-7	Di(2-ethylhexyl) phthalate	38	0	62
118-74-1	Hexachlorobenzene	60	2	38
119-90-4	3,3'-Dimethoxybenzidine	1	54	45
119-93-7	3,3'-Dimethylbenzidine	1	23	76
120-12-7	Anthracene	31	8	61
120-36-5	2,4-DP	8	34	58
120-58-1	Isosafrole	7	36	57
120-71-8	<i>p</i> -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	<i>N,N</i> -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

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		1	27	72
126-98-7	Methacrylonitrile	1	27	72
126-99-8	Chloroprene	1	93	6
127-18-4	Tetrachloroethylene	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	<i>alpha</i> -Naphthylamine	1	24	75
136-45-8	Dipropyl isocinchomeronate	6	3	91
137-26-8	Thiram	1	24	75
137-41-7	Potassium <i>N</i> -methylthiocarbamate	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	2	52	46
150-50-5	Merphos	22	0	78
151-56-4	Ethyleneimine	1	55	44
156-62-7	Calcium cyanamide	2	98	0
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 (HCFC-123)	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 (Halon 1211)	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 (HCFC-123a)	1	98	1
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	0	99	1
357-57-3	Brucine	1	55	44

Table III. Default Percentages for Section 6.1 Transfers

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		3	96	1
425-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	3	96	1
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	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	2	50	48
505-60-2	Mustard gas	0	0	100
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	3	96	1
510-15-6	Chlorobenzilate	39	3	58
528-29-0	<i>o</i> -Dinitrobenzene	1	54	45
533-74-4	Dazomet	0	3	97
534-52-1	4,6-Dinitro- <i>o</i> -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	<i>N</i> -Nitrosodi- <i>n</i> -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	<i>o</i> -Toluidine hydrochloride	1	54	45
684-93-5	<i>N</i> -Nitroso- <i>N</i> -methylurea	1	55	44
709-98-8	Propanil	4	44	52
759-73-9	<i>N</i> -Nitroso- <i>N</i> -ethylurea	1	55	44
759-94-4	<i>S</i> -Ethyl dipropylthiocarbamate	5	41	54
764-41-0	1,4-Dichloro-2-butene	1	84	15
834-12-8	Ametryn	4	45	51
872-50-4	<i>N</i> -Methyl-2-pyrrolidone	0	8	92
924-42-5	<i>N</i> -Methylolacrylamide	0	8	92
961-11-5	Tetrachlorvinphos	7	11	82
1120-71-4	1,3-Propane sultone	1	29	70
1163-19-5	Decabromodiphenyl oxide	62	1	37
1313-27-5	Molybdenum trioxide	2	98	0

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		90	10	0
1313-20-1	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
1332-21-4	Asbestos (friable)	NA	NA	NA
1336-36-3	Polychlorinated biphenyls	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 (HCFC-132b)	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 (HCFC-141b)	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 2-butoxyethyl ester	12	1	87
1929-82-4	Nitrapyrin	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 (HCFC-124)	0	99	1
2971-38-2	2,4-D chlorocrotyl ester	16	0	84
3383-96-8	Temephos	38	0	62
3653-48-3	Methoxone sodium salt	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

Table III. Default Percentages for Section 6.1 Transfers

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		9	51	40
4549-40-0	N-Nitrosomethylamine	9	51	40
5234-68-4	Carboxin	1	24	75
7287-19-6	Prometryn	11	56	33
7429-90-5	Aluminum (fume or dust)	NA	NA	NA
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)	NA	NA	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)	NA	NA	NA
7664-39-3	Hydrogen fluoride	2	98	0
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	0	40	60
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	NA	NA	NA
7697-37-2	Nitric acid	0	0	100
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

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		62	1	37
8001-35-2	Toxaphene	62	1	37
10028-15-6	Ozone	2	98	0
10034-93-2	Hydrazine sulfate (1:1)	2	98	0
10049-04-4	Chlorine dioxide	2	98	0
10061-02-6	trans-1,3-Dichloropropene	1	31	68
10294-34-5	Boron trichloride	2	98	0
12122-67-7	Zineb	0	2	98
12185-10-3	Phosphorus (yellow or white)	60	40	0
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	Oxadiazon	40	3	57
20325-40-0	3,3'-Dimethoxybenzidine 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

Table III. Default Percentages for Section 6.1 Transfers

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		1	23	76
54069-3	3-Iodo-2-propynyl butylcarbamate	1	23	76
57213-69-1	Triclopyr-triethylammonium salt	1	25	74
59669-26-0	Thiodicarb	1	24	75
60207-90-1	Propiconazole	9	32	59
62476-59-9	Acifluorfen, sodium salt	12	25	63
64902-72-3	Chlorsulfuron	1	54	45
67485-29-4	Hydramethylnon	53	0	47
68359-37-5	Cyfluthrin	38	0	62
71751-41-2	Abamectin	44	2	54
72178-02-0	Fomesafen	3	47	50
77501-63-4	Lactofen	31	0	69
82657-04-3	Bifenthrin	38	0	62
88671-89-0	Myclobutanil	9	32	59
90982-32-4	Chlorimuron-ethyl	1	23	76
101200-48-0	Tribenuron-methyl	2	22	76
127564-92-5	Dichloropentafluoropropane	3	96	1
N010	Antimony compounds	32	68	NA
N020	Arsenic compounds	49	51	NA
N040	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))	69	31	NA
N050	Beryllium compounds	37	63	NA
N078	Cadmium compounds	68	32	NA
N084	Chlorophenols	54	4	42
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.)	76	24	NA

CASRN/ Category Code	Chemical Name	% of §6.1 to §:		
		32	68	NA
N096	Cobalt compounds	32	68	NA
N100	Copper compounds (this category does not include copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.)	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
N458	Mercury compounds	69	31	NA
N495	Nickel compounds	38	62	NA
N503	Nicotine and salts	2	98	0
N511 ^a	Nitrate compounds (water dissociable; reportable only when in aqueous solution)	0	10	90
N530	Nonylphenol	60	2	38
N535	Nonylphenol ethoxylates	60	2	38
N590	Polycyclic aromatic compounds (PACs)	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. The data source for the 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.