

Category	Work Processes	Toxic Material	Notes
Abrasives blasting	Abrasives blasting	Calcium pyrophosphate	
Abrasives blasting	Abrasives blasting	Chromium	
Abrasives blasting	Abrasives blasting	Emery	
Abrasives blasting	Abrasives blasting	Iron III oxide	
Abrasives blasting	Abrasives blasting	Lead	
Abrasives blasting	Abrasives blasting	Nickel	
Abrasives blasting	Abrasives blasting	Silicon carbide	
Abrasives blasting	Abrasives blasting	Silicon dioxide, crystalline	
Abrasives blasting	Abrasives blasting	Stannic oxide	
Abrasives blasting	Abrasives blasting	Stannous oxide	
Abrasives blasting	Abrasives blasting	Zircon	
Abrasives blasting	Abrasives blasting	Zirconium	
Abrasives blasting	Abrasives blasting	Zirconium carbide	
Abrasives blasting	Abrasives blasting	Zirconium IV oxide	
Abrasives blasting	Abrasives blasting	Zirconium silicate	
Abrasives blasting	Use abrasives containing silica or silicon carbide		
Abrasives blasting	Remove chromate-containing paints by abrasive blasting		
Alkaline battery maintenance	Alkaline (aka nickel-iron) battery maintenance	Hydrogen	
Alkaline battery maintenance	Alkaline (aka nickel-iron) battery maintenance	Iron	
Alkaline battery maintenance	Alkaline (aka nickel-iron) battery maintenance	Nickel III oxide	
Alkaline battery maintenance	Alkaline (aka nickel-iron) battery maintenance	Potassium hydroxide	
Animal handling	Handle laboratory animals		
Animal handling	Clean pools or aquariums		
Animal handling	Handle infected animal carcasses or placental tissues		
Animal handling	Handle infected dog or cat (bite or scratch)		
Animal handling	Handle infected laboratory rats or mice		
Animal handling	Handle infected macaque monkeys		
Animal handling	Handle infected rodents (bite)		
Animal handling	Handle infected rodents (inhalation or percutaneous exposure)		
Animal handling	Have contact with dogs or cats (fecal-oral exposure)		
Animal handling	Inhale dust in livestock confinement building		
Animal handling	Raise dust of excreta from rodents		
Animal handling	Raise farm dust contaminated with Francisella tularensis bacteria		
Animal handling	Repeatedly inhale bioaerosols of bird droppings		
Animal handling	Touch infected farm animals		
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Acetone	

## Operations

Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Aluminum	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Asbestos	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Asphalt	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Bronze	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Carbon Steel	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Carbon tetrachloride	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Cement	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Coal ash	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Coal dust	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Dye penetrant inspection cleaner/remover (generic)	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Dye penetrant inspection developer (generic)	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Dye penetrant inspection dye (generic)	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Fire brick	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Inconel	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Iron	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Methyl ethyl ketone	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Nickel	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Slags, coal	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Stoddard Solvent	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Tetrachloroethylene	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Titanium	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Trichloroethylene	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Vanadium	
Boiler maintenance	Boiler and pressure vessel erection, repair and testing	Welding fumes	
Boiler maintenance	Clean up equipment with solvents		
Boiler maintenance	Degrease metal		
Boiler maintenance	Use abrasives containing silica or silicon carbide		
Boiler maintenance	Arc weld aluminum		
Boiler maintenance	Arc weld stainless steel		
Boiler maintenance	Heat or machine chromium alloys		
Boiler maintenance	Heat or machine manganese alloys		
Boiler maintenance	Use manganese-containing welding rods		
Boiler maintenance	Weld mild steel		
Boiler maintenance	Clean, repair, or dismantle oil-fired furnaces or boilers		
Boiler water treatment	Boiler water treatment	Ammonium hydroxide	
Boiler water treatment	Boiler water treatment	Boiler Drum/Boiler Water Conditioners (generic)	
Boiler water treatment	Boiler water treatment	Carbohydrazide	

## Operations

Boiler water treatment	Boiler water treatment	Monoethanolamine	
Boiler water treatment	Boiler water treatment	Morpholine and Cyclohexylamine in aqueous solution	
Boiler water treatment	Boiler water treatment	N,N-Diethylhydroxylamine	
Boiler water treatment	Boiler water treatment	Sodium phosphate	
Boiler water treatment	Boiler water treatment	Sodium phosphate, dibasic	
Brazing	Brazing	Brazing fumes	
Brazing	Brazing	Brazing fluxes (generic)	
Brazing	Brazing	Flux removers (generic)	
Brazing	Braze using cadmium-based solder		
Brazing	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Cadmium battery maintenance	Cadmium (aka nickel-cadmium) battery maintenance	Cadmium	
Cadmium battery maintenance	Cadmium (aka nickel-cadmium) battery maintenance	Hydrogen	
Cadmium battery maintenance	Cadmium (aka nickel-cadmium) battery maintenance	Nickel IV oxide	
Cadmium battery maintenance	Cadmium (aka nickel-cadmium) battery maintenance	Potassium hydroxide	
Carpentry	Carpentry	Aluminum oxide sandpaper	
Carpentry	Carpentry	Arsenic	
Carpentry	Carpentry	Asbestos	Apply this toxic for work prior to 1981
Carpentry	Carpentry	Carpenters' wood glues (generic)	
Carpentry	Carpentry	Construction adhesives (generic)	
Carpentry	Carpentry	Coal tar creosote	
Carpentry	Carpentry	Cyanoacrylate adhesives (generic)	
Carpentry	Carpentry	Epoxy adhesives (generic)	
Carpentry	Carpentry	Garnet	
Carpentry	Carpentry	Polymethylene polyphenylisocyanate	
Carpentry	Carpentry	Wood dust	
Carpentry	Machine wood and inhale dust		
Carpentry	Saw or sand arsenic-treated wood		
Carpentry	Saw or sand wood treated with coal tar creosote		
Carpentry	Use n-hexane as a solvent in glues, inks, coatings, or degreasers		
Carpentry	Work with glue solvents		
Chemistry laboratory	Chemistry laboratory activities	Acetic acid	
Chemistry laboratory	Chemistry laboratory activities	Acetone	

## Operations

Chemistry laboratory	Chemistry laboratory activities	Alconox	
Chemistry laboratory	Chemistry laboratory activities	Ammonia	
Chemistry laboratory	Chemistry laboratory activities	Ammonium hydroxide	
Chemistry laboratory	Chemistry laboratory activities	Benzene	
Chemistry laboratory	Chemistry laboratory activities	Carbon tetrachloride	
Chemistry laboratory	Chemistry laboratory activities	Catalysts (generic)	
Chemistry laboratory	Chemistry laboratory activities	Chemical reagents (generic)	
Chemistry laboratory	Chemistry laboratory activities	Chlorine	
Chemistry laboratory	Chemistry laboratory activities	Chromic sulfuric acid	
Chemistry laboratory	Chemistry laboratory activities	Chromium trioxide	
Chemistry laboratory	Chemistry laboratory activities	Diethyl ether	
Chemistry laboratory	Chemistry laboratory activities	Ethyl alcohol	
Chemistry laboratory	Chemistry laboratory activities	Fluorine	
Chemistry laboratory	Chemistry laboratory activities	Formalin	
Chemistry laboratory	Chemistry laboratory activities	Hydrochloric acid	
Chemistry laboratory	Chemistry laboratory activities	Hydrogen peroxide	
Chemistry laboratory	Chemistry laboratory activities	Ligroin	
Chemistry laboratory	Chemistry laboratory activities	Liquefied petroleum gas	
Chemistry laboratory	Chemistry laboratory activities	Mercury	
Chemistry laboratory	Chemistry laboratory activities	Methyl alcohol	
Chemistry laboratory	Chemistry laboratory activities	Methyl ethyl ketone	
Chemistry laboratory	Chemistry laboratory activities	Mineral oil	
Chemistry laboratory	Chemistry laboratory activities	Nitric acid	
Chemistry laboratory	Chemistry laboratory activities	Perchloric acid	
Chemistry laboratory	Chemistry laboratory activities	Phenol	
Chemistry laboratory	Chemistry laboratory activities	Potassium hydroxide	
Chemistry laboratory	Chemistry laboratory activities	Pyridine	
Chemistry laboratory	Chemistry laboratory activities	Silver nitrate	
Chemistry laboratory	Chemistry laboratory activities	Sodium hydroxide	
Chemistry laboratory	Chemistry laboratory activities	Sulfuric acid	
Chemistry laboratory	Chemistry laboratory activities	Toluene	
Chemistry laboratory	Chemistry laboratory activities	Trichloroethylene	
Chemistry laboratory	Chemistry laboratory activities	Xylene	
Clerical	Secretarial/clerical activities	Inks (generic)	
Clerical	Secretarial/clerical activities	Ozone	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Wood dust	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Drywall dust	

Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Asbestos	Apply this toxic for work prior to 1981
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Borosilicate	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Synthetic vitreous fibers	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Calcium silicate	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	New world hantaviruses	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Histoplasma capsulatum	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Mold	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Methylene bisphenyl isocyanate	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Toluene diisocyanate	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Polyurethane	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Perlite	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Vermiculite	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Isopropyl alcohol	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Acetone	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Aluminum oxide	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Silicon carbide	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Diamond	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	1,1,1,2-Tetrafluoroethane	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Contact cleaners (generic)	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Epoxy adhesives (generic)	

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Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Silicone sealants (generic)	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Cyanoacrylate adhesives (generic)	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	Threadlockers (generic)	
Communications/fiber optic maintenance	Communications/fiber optic cable installation and maintenance	UV curable adhesives (generic)	
Communications/fiber optic maintenance	Work with glue solvents		
Communications/fiber optic maintenance	Clean up equipment with solvents		
Communications/fiber optic maintenance	Work in confined space		
Communications/fiber optic maintenance	Spray polyurethane foam insulation		
Container stenciling	Drum/box/container stenciling	1,1,1-Trichloroethane	
Container stenciling	Drum/box/container stenciling	Aerosol can spray paints (generic)	
Container stenciling	Drum/box/container stenciling	Carbon tetrachloride	
Container stenciling	Drum/box/container stenciling	General purpose cleaners (generic)	
Container stenciling	Drum/box/container stenciling	Methyl ethyl ketone	
Container stenciling	Drum/box/container stenciling	Stoddard solvent	
Container stenciling	Drum/box/container stenciling	Trichloroethylene	
Container stenciling	Clean up equipment with solvents		
Container stenciling	Degrease metal		
Cooling water treatment	Cooling water treatment	2,2-Dibromo-3-nitrilopropionamide	
Cooling water treatment	Cooling water treatment	Alkyl dimethylbenzyl ammonium chloride	
Cooling water treatment	Cooling water treatment	Calcium hydroxide	
Cooling water treatment	Cooling water treatment	Calcium hypochlorite	
Cooling water treatment	Cooling water treatment	Carbohydrazide	
Cooling water treatment	Cooling water treatment	Closed loop cooling system additives (generic)	
Cooling water treatment	Cooling water treatment	Cooling water biocides/microbial control (generic)	
Cooling water treatment	Cooling water treatment	Cooling water corrosion and deposition inhibitors (generic)	
Cooling water treatment	Cooling water treatment	Ethylene glycol	
Cooling water treatment	Cooling water treatment	Glutaraldehyde	
Cooling water treatment	Cooling water treatment	Hydrogen peroxide	
Cooling water treatment	Cooling water treatment	Isoparaffinic petroleum distillate	

## Operations

Cooling water treatment	Cooling water treatment	Legionella pneumophila	
Cooling water treatment	Cooling water treatment	Miscellaneous cooling tower additives (generic)	
Cooling water treatment	Cooling water treatment	Sodium bisulfite	
Cooling water treatment	Cooling water treatment	Sodium bromide	
Cooling water treatment	Cooling water treatment	Sodium carbonate	
Cooling water treatment	Cooling water treatment	Sodium dichloroisocyanurate	
Cooling water treatment	Cooling water treatment	Sodium dichloroisocyanurate dihydrate	
Cooling water treatment	Cooling water treatment	Sodium hydroxide	
Cooling water treatment	Cooling water treatment	Sodium hypochlorite	
Cooling water treatment	Cooling water treatment	Sodium nitrite	
Cooling water treatment	Cooling water treatment	Sodium tolyltriazole	
Cooling water treatment	Cooling water treatment	Sulfuric acid	
Cooling water treatment	Cooling water treatment	Terbutylazine	
Cooling water treatment	Cooling water treatment	Tributyltin containing cooling water biocides (generic)	
Cooling water treatment	Cooling water treatment	Trichloroisocyanuric acid	
Counting laboratory	Radiological counting laboratory activities	Scintillation fluids (generic)	
Crane operations	Crane operations	Automotive engine oil (generic)	
Crane operations	Crane operations	Diesel exhaust	
Crane operations	Crane operations	Gasoline	
Crane operations	Crane operations	Gasoline engine exhaust	
Crane operations	Crane operations	Kerosene	
Crane operations	Crane operations	Liquefied petroleum gas	
Crane operations	Crane operations	Petroleum mid-distillate	
Crane operations	Crane operations	Histoplasma capsulatum	
Crane operations	Crane operations	New world hantaviruses	
Crane operations	Operate internal combustion engine with inadequate ventilation		
Decontamination	Decontamination activities	Aluminum nitrate	
Decontamination	Decontamination activities	Ascorbic acid	
Decontamination	Decontamination activities	Ceric nitrate	
Decontamination	Decontamination activities	Cerium III hydroxide	
Decontamination	Decontamination activities	Citric acid	
Decontamination	Decontamination activities	Citrus solution cleaners (generic)	
Decontamination	Decontamination activities	Diethylene glycol monoethyl ether	
Decontamination	Decontamination activities	Ethylenediaminetetraacetic acid	
Decontamination	Decontamination activities	Ferrous sulfate	
Decontamination	Decontamination activities	General purpose cleaners (generic)	
Decontamination	Decontamination activities	Hydrochloric acid	

Decontamination	Decontamination activities	Hydrofluoric acid	
Decontamination	Decontamination activities	Hydrogen peroxide	
Decontamination	Decontamination activities	Iron II hydroxide	
Decontamination	Decontamination activities	Iron III hydroxide	
Decontamination	Decontamination activities	Nitric acid	
Decontamination	Decontamination activities	Oxalic acid	
Decontamination	Decontamination activities	Phosphoric acid	
Decontamination	Decontamination activities	Potassium permanganate	
Decontamination	Decontamination activities	Radiological decontamination solutions (generic)	
Decontamination	Decontamination activities	Sodium carbonate	
Decontamination	Decontamination activities	Sodium hydroxide	
Decontamination	Decontamination activities	Sodium nitrate	
Decontamination	Decontamination activities	Sodium sulfate	
Decontamination	Decontamination activities	Tartaric acid	
Decontamination	Decontamination activities	Tetrachloroethylene	
Decontamination	Decontamination activities	Tetrafluoroboric acid	
Decontamination	Clean up equipment with solvents		
Demolition	Demolition	Aluminum	
Demolition	Demolition	Asbestos	Apply this toxic for work prior to 1981
Demolition	Demolition	Transite	Apply this toxic for work prior to 1981
Demolition	Demolition	Asphalt	
Demolition	Demolition	Borosilicate	
Demolition	Demolition	Calcium sulfate	
Demolition	Demolition	Carbon steel	
Demolition	Demolition	Cement	
Demolition	Demolition	Chlorodiphenyl	
Demolition	Demolition	Galvanized steel	
Demolition	Demolition	New world hantaviruses	
Demolition	Demolition	Histoplasma capsulatum	
Demolition	Demolition	Lead	
Demolition	Demolition	Mercury	
Demolition	Demolition	Mold	
Demolition	Demolition	Silicon dioxide, crystalline	
Demolition	Demolition	Wood dust	



## Operations

Demolition	Demolition - Forklift/Industrial Truck Operation	Generic profile (use current version of Forklift/Industrial Truck operation profile)	
Demolition	Demolition - Heavy equipment operation	Generic profile (use current version of Heavy Equipment operation profile)	
Driving	Truck/bus driving	Diesel exhaust	
Driving	Truck/bus driving	Engine starting fluids (generic)	
Driving	Truck/bus driving	Gasoline	
Driving	Truck/bus driving	Gasoline engine exhaust	
Driving	Truck/bus driving	Petroleum mid-distillate	
Driving	Truck/bus driving	Automotive engine oil (generic)	
Driving	Truck/bus driving	Windshield de-icers (generic)	
Driving	Truck/bus driving	Windshield washer fluids (generic)	
Dye laser laboratory	Dye Laser laboratory experimentation	1,3,5,7-Cyclooctatetraene	
Dye laser laboratory	Dye Laser laboratory experimentation	2-(4-(4-(Dimethylamino)phenyl)-1,3-butadienyl)-1-ethylpyridinium monoperchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	2,2,2-Trifluoroethyl alcohol	
Dye laser laboratory	Dye Laser laboratory experimentation	3,3'-Diethyldithiocarbodicyanine iodide	
Dye laser laboratory	Dye Laser laboratory experimentation	3,3'-Diethyloxadicarbocyanine	
Dye laser laboratory	Dye Laser laboratory experimentation	4,4'-Bis((2-butyloctyl)oxy)-1,1':4',1':4',1'-quaterphenyl	
Dye laser laboratory	Dye Laser laboratory experimentation	4-Bis(2-methylstyryl)benzene	
Dye laser laboratory	Dye Laser laboratory experimentation	4-Methyl-7-diethylaminocoumarin	
Dye laser laboratory	Dye Laser laboratory experimentation	9-Methylanthracene	
Dye laser laboratory	Dye Laser laboratory experimentation	Acetone	
Dye laser laboratory	Dye Laser laboratory experimentation	Acid Red 52	
Dye laser laboratory	Dye Laser laboratory experimentation	Benzyl alcohol	
Dye laser laboratory	Dye Laser laboratory experimentation	Carbazine 720	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 440	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 450	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 480	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 481	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 498	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 500	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 504	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 515	

## Operations

Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 535	
Dye laser laboratory	Dye Laser laboratory experimentation	Coumarin 540A	
Dye laser laboratory	Dye Laser laboratory experimentation	Cresyl violet 670 perchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	DCM Laser dye	
Dye laser laboratory	Dye Laser laboratory experimentation	Dimethyl sulfoxide	
Dye laser laboratory	Dye Laser laboratory experimentation	Dioxane	
Dye laser laboratory	Dye Laser laboratory experimentation	Diphenyl sulfone	
Dye laser laboratory	Dye Laser laboratory experimentation	Ethyl alcohol	
Dye laser laboratory	Dye Laser laboratory experimentation	Ethylene dichloride	
Dye laser laboratory	Dye Laser laboratory experimentation	Ethylene glycol	
Dye laser laboratory	Dye Laser laboratory experimentation	Fluorescein 548	
Dye laser laboratory	Dye Laser laboratory experimentation	IR 125	
Dye laser laboratory	Dye Laser laboratory experimentation	IR 140	
Dye laser laboratory	Dye Laser laboratory experimentation	IR-132	
Dye laser laboratory	Dye Laser laboratory experimentation	IR-144	
Dye laser laboratory	Dye Laser laboratory experimentation	Kodak Q-Switch #2	
Dye laser laboratory	Dye Laser laboratory experimentation	Kodak Q-Switch #5 dye	
Dye laser laboratory	Dye Laser laboratory experimentation	LD 700 perchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	LD 390	
Dye laser laboratory	Dye Laser laboratory experimentation	LD 490	
Dye laser laboratory	Dye Laser laboratory experimentation	LD 688	
Dye laser laboratory	Dye Laser laboratory experimentation	LDS 722	
Dye laser laboratory	Dye Laser laboratory experimentation	LDS 750	
Dye laser laboratory	Dye Laser laboratory experimentation	LDS 820	
Dye laser laboratory	Dye Laser laboratory experimentation	LDS 867	
Dye laser laboratory	Dye Laser laboratory experimentation	Methyl alcohol	
Dye laser laboratory	Dye Laser laboratory experimentation	N,N,N',N'-Tetraethyldiaminoquaterphenyl	
Dye laser laboratory	Dye Laser laboratory experimentation	N,N,N',N'-Tetraethyldiaminoterphenyl	
Dye laser laboratory	Dye Laser laboratory experimentation	Nile Blue perchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	Oxazine 720 perchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	p,p'-Diaminoquaterphenyl	
Dye laser laboratory	Dye Laser laboratory experimentation	p,p'-Diaminoterphenyl	
Dye laser laboratory	Dye Laser laboratory experimentation	Quinolinium, 6-(dimethylamino)-2-[4-[4-(dimethylamino)phenyl]-1,3-butadieny]-1-ethyl, perchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	R10 laser dye	
Dye laser laboratory	Dye Laser laboratory experimentation	Rhodamine 2	
Dye laser laboratory	Dye Laser laboratory experimentation	Rhodamine 4	
Dye laser laboratory	Dye Laser laboratory experimentation	R6 laser dye	

## Operations

Dye laser laboratory	Dye Laser laboratory experimentation	R8 laser dye	
Dye laser laboratory	Dye Laser laboratory experimentation	Rhodamine 560	
Dye laser laboratory	Dye Laser laboratory experimentation	Rhodamine 640 perchlorate	
Dye laser laboratory	Dye Laser laboratory experimentation	Rhodamine 6G	
Dye laser laboratory	Dye Laser laboratory experimentation	Rhodamine B	
Dye laser laboratory	Dye Laser laboratory experimentation	Stilbene 420	
Dye laser laboratory	Dye Laser laboratory experimentation	Sulforhodamine 640	
Dye penetrant testing	Dye penetrant testing	Dye penetrant inspection cleaner/remover (generic)	
Dye penetrant testing	Dye penetrant testing	Dye penetrant inspection developer (generic)	
Dye penetrant testing	Dye penetrant testing	Dye penetrant inspection dye (generic)	
Electrical maintenance	Electrical maintenance activities	1,1,1-Trichloroethane	
Electrical maintenance	Electrical maintenance activities	Asbestos	Apply this toxic for work prior to 1981
Electrical maintenance	Electrical maintenance activities	Borosilicate	
Electrical maintenance	Electrical maintenance activities	Chlorodiphenyl	
Electrical maintenance	Electrical maintenance activities	Dichloromethane	
Electrical maintenance	Electrical maintenance activities	flux removers (generic)	
Electrical maintenance	Electrical maintenance activities	Mercury	
Electrical maintenance	Electrical maintenance activities	Mineral oil	
Electrical maintenance	Electrical maintenance activities	Petroleum oils	
Electrical maintenance	Electrical maintenance activities	Polydimethylsiloxane	
Electrical maintenance	Electrical maintenance activities	Soldering fumes	
Electrical maintenance	Electrical maintenance activities	Soldering fluxes (generic)	
Electrical maintenance	Electrical maintenance activities	Synthetic vitreous fibers	
Electrical maintenance	Electrical maintenance activities	Tetrachloroethylene	
Electrical maintenance	Electrical maintenance activities	Trichloroethylene	
Electrical maintenance	Electrical maintenance activities	Trichlorotrifluoroethane	
Electrical maintenance	Clean up equipment with solvents		
Electronic and instrument maintenance	Electronic and instrument maintenance	1,1,1-Trichloroethane	
Electronic and instrument maintenance	Electronic and instrument maintenance	Acetone	
Electronic and instrument maintenance	Electronic and instrument maintenance	Antimony hydride	
Electronic and instrument maintenance	Electronic and instrument maintenance	Asbestos	Apply this toxic for work prior to 1981
Electronic and instrument maintenance	Electronic and instrument maintenance	Cadmium	

Electronic and instrument maintenance	Electronic and instrument maintenance	Chlorodiphenyl	
Electronic and instrument maintenance	Electronic and instrument maintenance	chloroform	
Electronic and instrument maintenance	Electronic and instrument maintenance	Contact cleaners (generic)	
Electronic and instrument maintenance	Electronic and instrument maintenance	Ethyl alcohol	
Electronic and instrument maintenance	Electronic and instrument maintenance	flux removers (generic)	
Electronic and instrument maintenance	Electronic and instrument maintenance	hydrochloric acid	
Electronic and instrument maintenance	Electronic and instrument maintenance	Hydrogen	
Electronic and instrument maintenance	Electronic and instrument maintenance	Iron	
Electronic and instrument maintenance	Electronic and instrument maintenance	Mercury	
Electronic and instrument maintenance	Electronic and instrument maintenance	Nickel III oxide	
Electronic and instrument maintenance	Electronic and instrument maintenance	Nickel IV oxide	
Electronic and instrument maintenance	Electronic and instrument maintenance	nitric acid	
Electronic and instrument maintenance	Electronic and instrument maintenance	Potassium hydroxide	
Electronic and instrument maintenance	Electronic and instrument maintenance	Soldering fumes	
Electronic and instrument maintenance	Electronic and instrument maintenance	Soldering fluxes (generic)	
Electronic and instrument maintenance	Clean up equipment with solvents		
Electronic and instrument maintenance	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Electroplating	Degrease metal		
Electroplating	Plate metal with cadmium		
Electroplating	Plate metal with chromium		
Fire protection	Fire plan preparation		
Fire protection	Fire fighting		
Fire protection	Fire fighting		

Fire protection	Fire fighting		
Fire protection	Fire fighting		
Fire protection	Fire fighting		
Fire protection	Fire fighting	Organic substances combustion products	
Fire protection	Firefighter training	Asbestos	Apply this toxic for work prior to 1981
Fire protection	Firefighter training	Building materials combustion products	
Fire protection	Firefighter training	Diesel exhaust	
Fire protection	Firefighter training	Fire retardants/suppressants (generic)	
Fire protection	Firefighter training	Gasoline engine exhaust	
Fire protection	Firefighter training	Organic substances combustion products	
Fire protection	Fire protection system inspections	Asbestos	Apply this toxic for work prior to 1981
Fire protection	Fire protection engineering activities	Asbestos	Apply this toxic for work prior to 1981
Fire protection	Fire extinguisher testing and maintenance	Fire retardants/suppressants (generic)	
Fire protection	Fire extinguisher testing and maintenance	Nitrogen	
Fire protection	Fire extinguisher testing and maintenance	Carbon dioxide	
Food service	Food service and cafeteria activities	Ammonia	
Food service	Food service and cafeteria activities	Calcium hypochlorite	
Food service	Food service and cafeteria activities	Citrus solution cleaners (generic)	
Food service	Food service and cafeteria activities	Disinfectants (generic)	
Food service	Food service and cafeteria activities	Dishwashing soap (generic)	
Food service	Food service and cafeteria activities	Easy-Off Oven Cleaner	
Food service	Food service and cafeteria activities	Floor cleaners (generic)	
Food service	Food service and cafeteria activities	Floor strippers (generic)	
Food service	Food service and cafeteria activities	Floor waxes (generic)	
Food service	Food service and cafeteria activities	General purpose cleaners (generic)	
Food service	Food service and cafeteria activities	Glass cleaners (generic)	
Food service	Food service and cafeteria activities	Hand soap (generic)	
Food service	Food service and cafeteria activities	Isopropyl alcohol	
Food service	Food service and cafeteria activities	Liquid Drain Opener	
Food service	Food service and cafeteria activities	Non Acid Drain Opener & Conditioner	
Food service	Food service and cafeteria activities	Olive oil	
Food service	Food service and cafeteria activities	Porcelain cleaners (generic)	
Food service	Food service and cafeteria activities	Rubber	
Food service	Food service and cafeteria activities	Sodium bicarbonate	
Food service	Food service and cafeteria activities	Sodium hydroxide	

Food service	Food service and cafeteria activities	Sodium hypochlorite	
Food service	Food service and cafeteria activities	Starch	
Food service	Food service and cafeteria activities	Vinegar	
Food service	Food service and cafeteria activities	Vegetable oil	
Food service	Handle limes, celery, parsnips, or figs		
Food service	Handle agents that cause allergic contact dermatitis or contact urticaria		
Fork lift operation	Forklift/industrial truck operation	Diesel exhaust	
Fork lift operation	Forklift/industrial truck operation	Gasoline	
Fork lift operation	Forklift/industrial truck operation	Gasoline engine exhaust	
Fork lift operation	Forklift/industrial truck operation	Hydrogen	
Fork lift operation	Forklift/industrial truck operation	Lead	
Fork lift operation	Forklift/industrial truck operation	Lead II sulfate	
Fork lift operation	Forklift/industrial truck operation	Lead IV oxide	
Fork lift operation	Forklift/industrial truck operation	Liquefied petroleum gas	
Fork lift operation	Forklift/industrial truck operation	Oxygen	
Fork lift operation	Forklift/industrial truck operation	Petroleum mid-distillate	
Fork lift operation	Forklift/industrial truck operation	Sulfuric acid	
Fork lift operation	Operate internal combustion engine with inadequate ventilation		
Gel Cell battery maintenance	Gel Cell battery maintenance	Lead	
Gel Cell battery maintenance	Gel Cell battery maintenance	Lead II sulfate	
Gel Cell battery maintenance	Gel Cell battery maintenance	Lead IV oxide	
Gel Cell battery maintenance	Gel Cell battery maintenance	Sulfuric acid	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Diesel exhaust	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Ethylene glycol	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Gasoline	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Gasoline engine exhaust	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Hydrogen	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Lead	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Lead II sulfate	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Lead IV oxide	

Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Oxygen	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Petroleum mid-distillate	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Petroleum oils	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Propylene glycol	
Generator operation & maintenance	Emergency/Standby generator operation and maintenance	Sulfuric acid	
Generator operation & maintenance	Operate internal combustion engine with inadequate ventilation		
Glass blowing	Glass blowing	Oxygen	
Glass blowing	Glass blowing	Propane	
Glass blowing	Glass blowing	Natural gas	
Glass blowing	Glass blowing	Silicon dioxide, amorphous	
Groundskeeping	Groundskeeping	2,4-D-butoxyethyl ester	
Groundskeeping	Groundskeeping	2,4-Dichlorophenoxyacetic acid	
Groundskeeping	Groundskeeping	2,4-Dichlorophenoxyacetic acid, dimethylamine salt	
Groundskeeping	Groundskeeping	2-Cycle engine exhaust	
Groundskeeping	Groundskeeping	3-(3,4-Dichlorophenyl)-1,1-dimethylurea	
Groundskeeping	Groundskeeping	3,5-Dinitro-N4,N4-dipropylsulfanilamide	
Groundskeeping	Groundskeeping	Aluminum phosphide	
Groundskeeping	Groundskeeping	Balanced fertilizer	
Groundskeeping	Groundskeeping	Chlorothalonil	
Groundskeeping	Groundskeeping	Chlorsulfuron	
Groundskeeping	Groundskeeping	Diesel exhaust	
Groundskeeping	Groundskeeping	Dikegulac sodium	
Groundskeeping	Groundskeeping	Diquat dibromide	
Groundskeeping	Groundskeeping	Gasoline	
Groundskeeping	Groundskeeping	Gasoline engine exhaust	
Groundskeeping	Groundskeeping	Glyphosate	
Groundskeeping	Groundskeeping	Herbicide (generic)	
Groundskeeping	Groundskeeping	Hydramethylnon	
Groundskeeping	Groundskeeping	Imidacloprid	
Groundskeeping	Groundskeeping	Imiprothrin-Cypermethrin mixture	
Groundskeeping	Groundskeeping	Insecticides (generic)	
Groundskeeping	Groundskeeping	Iprodione	

## Operations

Groundskeeping	Groundskeeping	Lawn fertilizer and weed control (generic)	
Groundskeeping	Groundskeeping	Mecoprop	
Groundskeeping	Groundskeeping	Metaldehyde	
Groundskeeping	Groundskeeping	Morestan	
Groundskeeping	Groundskeeping	O,O-Diethyl-O-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	
Groundskeeping	Groundskeeping	O,O-Diethyl-O-(3,5,6-trichloro-2-pyridinyl)-phosphorothioate	
Groundskeeping	Groundskeeping	o-Isopropoxyphenyl-N-methylcarbamate	
Groundskeeping	Groundskeeping	Oxadiazon	
Groundskeeping	Groundskeeping	Petroleum mid-distillate	
Groundskeeping	Groundskeeping	Tetramethrin	
Groundskeeping	Groundskeeping	Triadimefon	
Groundskeeping	Groundskeeping	Trifluralin	
Groundskeeping	Groundskeeping	Zinc phosphide	
Groundskeeping	Apply organochlorine insecticides		
Groundskeeping	Mix or apply organophosphates or work in fields after an application		
Groundskeeping	Contaminate skin or inhale spray while using pentachlorophenol		
Groundskeeping	Touch plants containing thorns, splinters, or sphagnum moss		
Groundskeeping	Work in tick infested area		
Groundskeeping	Raise dust of excreta from rodents		
Groundskeeping	Repeatedly inhale bioaerosols of bird droppings		
Heavy equipment operation	Heavy equipment operation	Diesel exhaust	
Heavy equipment operation	Heavy equipment operation	Gasoline	
Heavy equipment operation	Heavy equipment operation	Gasoline engine exhaust	
Heavy equipment operation	Heavy equipment operation	Kerosene	
Heavy equipment operation	Heavy equipment operation	Petroleum mid-distillate	
Heavy equipment operation	Heavy equipment operation - soil excavation	Histoplasma capsulatum	
Heavy equipment operation	Heavy equipment operation - soil excavation	New world hantaviruses	
Heavy equipment operation	Heavy equipment operation - demolition	Histoplasma capsulatum	
Heavy equipment operation	Heavy equipment operation - demolition	New world hantaviruses	
HVAC	HVAC maintenance	1,1,1,2-Tetrafluoroethane	
HVAC	HVAC maintenance	1,1,1-Trichloroethane	
HVAC	HVAC maintenance	1,1,1-Trifluoro-2,2-dichloroethane	
HVAC	HVAC maintenance	1,1,2,2-Tetrafluoro-1-chloroethane	



HVAC	HVAC maintenance	Asbestos	Apply this toxic for work prior to 1981
HVAC	HVAC maintenance	Borosilicate	
HVAC	HVAC maintenance	Chlorodifluoromethane	
HVAC	HVAC maintenance	Chloropentafluoroethane	
HVAC	HVAC maintenance	Dichlorodifluoromethane	
HVAC	HVAC maintenance	Dichloromethane	
HVAC	HVAC maintenance	Dichlorotetrafluoroethane	
HVAC	HVAC maintenance	flux removers (generic)	
HVAC	HVAC maintenance	Legionella pneumophila	
HVAC	HVAC maintenance	Mercury	
HVAC	HVAC maintenance	Phosgene	
HVAC	HVAC maintenance	Pump oil (generic)	
HVAC	HVAC maintenance	Soldering fumes	
HVAC	HVAC maintenance	Soldering fluxes (generic)	
HVAC	HVAC maintenance	Synthetic vitreous fibers	
HVAC	HVAC maintenance	Tetrachloroethylene	
HVAC	HVAC maintenance	Trichloroethylene	
HVAC	HVAC maintenance	Trichlorofluoromethane	
HVAC	HVAC maintenance	Trichlorotrifluoroethane	
HVAC	Clean, repair, or dismantle oil-fired furnaces or boilers		
HVAC	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Insulation activities	Insulation activities	Asbestos	Apply this toxic for work prior to 1981
Insulation activities	Insulation activities	Borosilicate	
Insulation activities	Insulation activities	Calcium silicate	
Insulation activities	Insulation activities	Histoplasma capsulatum	
Insulation activities	Insulation activities	Methylene bisphenyl isocyanate	
Insulation activities	Insulation activities	Mold	
Insulation activities	Insulation activities	New world hantaviruses	
Insulation activities	Insulation activities	Perlite	
Insulation activities	Insulation activities	Polyurethane	
Insulation activities	Insulation activities	Synthetic vitreous fibers	
Insulation activities	Insulation activities	Toluene diisocyanate	
Insulation activities	Insulation activities	Vermiculite	
Insulation activities	Work with glue solvents		
Insulation activities	Use n-hexane as a solvent in glues, inks, coatings, or degreasers		
Insulation activities	Spray polyurethane foam insulation		

Insulation activities	Installed insulation before 1975		
Insulation activities	Remove insulation installed before 1975		
Ironworker activities	Ironworker activities	Aluminum	
Ironworker activities	Ironworker activities	Asbestos	Apply this toxic for work prior to 1981
Ironworker activities	Ironworker activities	Carbon steel	
Ironworker activities	Ironworker activities	Cement	
Ironworker activities	Ironworker activities	Chromium	
Ironworker activities	Ironworker activities	Lead	
Ironworker activities	Ironworker activities	Naphtha	
Ironworker activities	Ironworker activities	Nickel	
Ironworker activities	Ironworker activities	Silicon dioxide, crystalline	
Ironworker activities	Ironworker activities	Stainless steel	
Ironworker activities	Ironworker activities	Stoddard solvent	
Ironworker activities	Ironworker activities	Tetrachloroethylene	
Ironworker activities	Ironworker activities	Welding fumes	
Ironworker activities	Gas or arc weld on galvanized metal		
Ironworker activities	Use manganese-containing welding rods		
Ironworker activities	Weld mild steel		
Ironworker activities	Clean up equipment with solvents		
Ironworker activities	Degrease metal		
Ironworker activities	Arc weld aluminum		
Ironworker activities	Arc weld stainless steel		
Ironworker activities	Decompose chlorinated solvents by UV light or heat from welding		
Ironworker activities	Weld or machine on beryllium-containing alloys		
Janitorial	Janitorial activities	Asbestos	Apply this toxic for work prior to 1981
Janitorial	Janitorial activities	Carpet cleaners (generic)	
Janitorial	Janitorial activities	Disinfectants (generic)	
Janitorial	Janitorial activities	Floor Cleaners (generic)	
Janitorial	Janitorial activities	Floor strippers (generic)	
Janitorial	Janitorial activities	Floor waxes (generic)	
Janitorial	Janitorial activities	General purpose cleaners (generic)	
Janitorial	Janitorial activities	Glass cleaners (generic)	
Janitorial	Janitorial activities	New world hantaviruses	
Janitorial	Janitorial activities	Histoplasma capsulatum	
Janitorial	Janitorial activities	Metal polishes (generic)	
Janitorial	Janitorial activities	Porcelain cleaners (generic)	
Janitorial	Raise dust of excreta from rodents		

## Operations

Janitorial	Handle agents that cause allergic contact dermatitis or contact urticaria		
Janitorial	Work in building infested with rodent fleas or mites		
Laundry	Dry cleaning	1,1,1-Trichloro-2,2,2-trifluoroethane	
Laundry	Dry cleaning	1,1,1-Trichloroethane	
Laundry	Dry cleaning	1,2-Dichloroethylene	
Laundry	Dry cleaning	2-Butoxyethanol	
Laundry	Dry cleaning	2-Ethylhexanol	
Laundry	Dry cleaning	2-Propanol, 1-amino-	
Laundry	Dry cleaning	Ammonium hydrogen oxalate	
Laundry	Dry cleaning	Benzene	
Laundry	Dry cleaning	Carbon tetrachloride	
Laundry	Dry cleaning	Chlorobenzene	
Laundry	Dry cleaning	Chloroform	
Laundry	Dry cleaning	Decamethylcyclopentasiloxane	
Laundry	Dry cleaning	Gasoline	
Laundry	Dry cleaning	Kerosene	
Laundry	Dry cleaning	Pentachloroethane	
Laundry	Dry cleaning	Petroleum distillates	
Laundry	Dry cleaning	Propylene dichloride	
Laundry	Dry cleaning	Stoddard solvent	
Laundry	Dry cleaning	Tetrachloroethylene	
Laundry	Dry cleaning	Trichloroethylene	
Laundry	Dry cleaning	Trichlorotrifluoroethane	
Laundry	Dry cleaning	Tripropylene glycol	
Laundry	Dry cleaning	Turpentine	
Laundry	Dry clean with organic solvents		
Laundry	Laundry activities	Asbestos	Apply this toxic for work prior to 1981
Laundry	Laundry activities	Laundry detergents (generic)	
Lead acid battery maintenance	Lead acid battery maintenance	Hydrogen	
Lead acid battery maintenance	Lead acid battery maintenance	Lead	
Lead acid battery maintenance	Lead acid battery maintenance	Lead II sulfate	
Lead acid battery maintenance	Lead acid battery maintenance	Lead IV oxide	
Lead acid battery maintenance	Lead acid battery maintenance	Oxygen	





Lubrication - Mechanical and heavy equipment/vehicle	Mechanical and heavy equipment/vehicle lubrication and maintenance		
Lubrication - Mechanical and heavy equipment/vehicle	Mechanical and heavy equipment/vehicle lubrication and maintenance		
Lubrication - Mechanical and heavy equipment/vehicle	Mechanical and heavy equipment/vehicle lubrication and maintenance		
Lubrication - Mechanical and heavy equipment/vehicle	Mechanical and heavy equipment/vehicle lubrication and maintenance		
Lubrication - Mechanical and heavy equipment/vehicle	Mechanical and heavy equipment/vehicle lubrication and maintenance		
Lubrication - Mechanical and heavy equipment/vehicle	Mechanical and heavy equipment/vehicle lubrication and maintenance		
Lubrication - Mechanical and heavy equipment/vehicle	Clean up equipment with solvents		
Lubrication - Mechanical and heavy equipment/vehicle	Degrease metal		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Mechanical equipment lubrication and maintenance		
Lubrication - Mechanical equipment	Degrease metal		
Lubrication - Mechanical equipment	Clean up equipment with solvents		

Machining	Machining	Acetone	
Machining	Machining	Aluminum	
Machining	Machining	Carbon steel	
Machining	Machining	Endotoxin	
Machining	Machining	Metal working fluids (generic)	
Machining	Machining	Mineral oil	
Machining	Machining	Stainless steel	
Machining	Machining	Stoddard solvent	
Machining	Machining	Tap cutting fluids (generic)	
Machining	Machining	Tetrachloroethylene	
Machining	Machining	Trichloroethylene	
Machining	Machining	Tungsten carbide	
Machining	Heat or machine chromium alloys		
Machining	Heat or machine manganese alloys		
Machining	Use cemented carbide materials or tools		
Machining	Inhale mists of microbially contaminated, water-based metalworking fluids		
Machining	Machine or weld on cadmium-alloyed or cadmium-plated steel		
Machining	Make beryllium-containing products		
Machining	Remove cadmium coatings		
Machining	Remove lead coatings		
Machining	Generate plastic dusts or powders (Plexiglas or polyvinyl chloride)		
Masonry	Masonry activities	Asbestos	Apply this toxic for work prior to 1981
Masonry	Masonry activities	Cement	
Masonry	Masonry activities	Hydrochloric acid	
Masonry	Masonry activities	Silicon dioxide, crystalline	
Masonry	Grind or cut tiles, stones, concrete, bricks, or terrazzo		
Masonry	Use hand-held saw or grinder to remove brick mortar		
Masonry	Work as cement floorer with exposure to chromate salts		
Mechanical	Mechanical maintenance	Acetone	
Mechanical	Mechanical maintenance	Aluminum	
Mechanical	Mechanical maintenance	Aluminum oxide	
Mechanical	Mechanical maintenance	Anti-seize agents (generic)	
Mechanical	Mechanical maintenance	Asbestos	Apply this toxic for work prior to 1981
Mechanical	Mechanical maintenance	Carbon steel	

Mechanical	Mechanical maintenance	Cement	
Mechanical	Mechanical maintenance	Distillates, petroleum, hydrotreated heavy naphthenic	
Mechanical	Mechanical maintenance	Distillates, petroleum, solvent-dewaxed heavy paraffinic	
Mechanical	Mechanical maintenance	Gasket removers (generic)	
Mechanical	Mechanical maintenance	Gasket sealants (generic)	
Mechanical	Mechanical maintenance	Gear oils (generic)	
Mechanical	Mechanical maintenance	Grease (generic)	
Mechanical	Mechanical maintenance	Hydraulic fluid/oil (generic)	
Mechanical	Mechanical maintenance	Mineral oil	
Mechanical	Mechanical maintenance	Multi-purpose spray lubricant (generic)	
Mechanical	Mechanical maintenance	Penetrating oil (generic)	
Mechanical	Mechanical maintenance	Petroleum oils	
Mechanical	Mechanical maintenance	Pump oil (generic)	
Mechanical	Mechanical maintenance	Silicon carbide	
Mechanical	Mechanical maintenance	Silicone lubricants (generic)	
Mechanical	Mechanical maintenance	Stainless steel	
Mechanical	Mechanical maintenance	Stoddard solvent	
Mechanical	Mechanical maintenance	Tap cutting fluids (generic)	
Mechanical	Mechanical maintenance	Tetrachloroethylene	
Mechanical	Mechanical maintenance	Threadlockers (generic)	
Mechanical	Mechanical maintenance	Trichloroethylene	
Mechanical	Clean up equipment with solvents		
Mechanical	Degrease metal		
Mechanical	Use abrasives containing silica or silicon carbide		
Mechanical	Clean, repair, or dismantle oil-fired furnaces or boilers		
Mechanical	Gas weld or cut in a confined space		
Medical	Medical equipment sterilization	1,5-Pentanedisulfonic acid, 1,5-dihydroxy-, disodium salt	
Medical	Medical equipment sterilization	Alkyl dimethylbenzyl ammonium chloride	
Medical	Medical equipment sterilization	Benzododecinium chloride	
Medical	Medical equipment sterilization	Carbon disulfide	
Medical	Medical equipment sterilization	Chloramine-T	
Medical	Medical equipment sterilization	Chlorhexidine	
Medical	Medical equipment sterilization	Dichlorobenzalkonium chloride	
Medical	Medical equipment sterilization	Ethylene chlorohydrin	
Medical	Medical equipment sterilization	Ethylene oxide	
Medical	Medical equipment sterilization	Formalin	
Medical	Medical equipment sterilization	Glutaraldehyde	



## Operations

Medical	Medical equipment sterilization	Hexachlorophene	
Medical	Medical equipment sterilization	Isononanoyl oxybenzene sulfonate	
Medical	Medical equipment sterilization	o-Phthalaldehyde	
Medical	Medical equipment sterilization	Propiolactone	
Medical	Medical equipment sterilization	Propylene oxide	
Medical	Sterilize equipment with ethylene oxide		
Medical	Handle medical needles or surgical instruments		
Medical	Medical laboratory analysis	1-Pyrrolidinecarbodithioic acid, ammonium salt	
Medical	Medical laboratory analysis	2-Cresolphthalexon	
Medical	Medical laboratory analysis	8-Hydroxyquinoline	
Medical	Medical laboratory analysis	acetic acid	
Medical	Medical laboratory analysis	acetic anhydride	
Medical	Medical laboratory analysis	acetone	
Medical	Medical laboratory analysis	Adenosine diphosphate	
Medical	Medical laboratory analysis	alpha-Ketoglutaric acid	
Medical	Medical laboratory analysis	Aminomethylpropanol	
Medical	Medical laboratory analysis	ammonium molybdate	
Medical	Medical laboratory analysis	Antipyrine	
Medical	Medical laboratory analysis	ascorbic acid	
Medical	Medical laboratory analysis	beta-Nicotinamide adenine dinucleotide	
Medical	Medical laboratory analysis	Bloodborne pathogens	
Medical	Medical laboratory analysis	bromocresol green	
Medical	Medical laboratory analysis	caffeine	
Medical	Medical laboratory analysis	Cetyl dimethyl ethyl ammonium bromide	
Medical	Medical laboratory analysis	deoxycholic acid	
Medical	Medical laboratory analysis	dextran sulfate	
Medical	Medical laboratory analysis	diacetylmonoxime	
Medical	Medical laboratory analysis	Diaphorase	
Medical	Medical laboratory analysis	Dimethyl sulfoxide	
Medical	Medical laboratory analysis	Ethylene glycol monophenyl ether	
Medical	Medical laboratory analysis	Ethylenediamine	
Medical	Medical laboratory analysis	Ethylenediaminetetraacetic acid	
Medical	Medical laboratory analysis	Ethylenediaminetetraacetic acid disodium salt	
Medical	Medical laboratory analysis	Ethylenediaminetetraacetic acid tetrasodium salt	
Medical	Medical laboratory analysis	Fecal material	
Medical	Medical laboratory analysis	Ferric sulfate	
Medical	Medical laboratory analysis	General purpose cleaners (generic)	

## Operations

Medical	Medical laboratory analysis	Glass cleaners (generic)	
Medical	Medical laboratory analysis	Glucose	
Medical	Medical laboratory analysis	Glutamate dehydrogenase	
Medical	Medical laboratory analysis	Glycerol dehydrogenase	
Medical	Medical laboratory analysis	Hematerge	
Medical	Medical laboratory analysis	Human blood	
Medical	Medical laboratory analysis	Hydrazine sulfate	
Medical	Medical laboratory analysis	Hydrochloric acid	
Medical	Medical laboratory analysis	Isopropyl alcohol	
Medical	Medical laboratory analysis	Isoton	
Medical	Medical laboratory analysis	Isoton II	
Medical	Medical laboratory analysis	L-Aspartic acid	
Medical	Medical laboratory analysis	Lithium sulfate	
Medical	Medical laboratory analysis	Magnesium sulfate	
Medical	Medical laboratory analysis	Manganese II chloride	
Medical	Medical laboratory analysis	Monoethanolamine	
Medical	Medical laboratory analysis	o-Toluidine	
Medical	Medical laboratory analysis	Oxamate	
Medical	Medical laboratory analysis	Phosphotungstic acid	
Medical	Medical laboratory analysis	Potassium chloride	
Medical	Medical laboratory analysis	Potassium cyanide	
Medical	Medical laboratory analysis	Potassium sodium tartrate	
Medical	Medical laboratory analysis	Semicarbazide hydrochloride	
Medical	Medical laboratory analysis	Sodium acetate	
Medical	Medical laboratory analysis	Sodium benzoate	
Medical	Medical laboratory analysis	Sodium bisulfite	
Medical	Medical laboratory analysis	Sodium borate decahydrate	
Medical	Medical laboratory analysis	Sodium carbonate	
Medical	Medical laboratory analysis	Sodium chloride	
Medical	Medical laboratory analysis	Sodium dihydrogen phosphate	
Medical	Medical laboratory analysis	Sodium fluoride	
Medical	Medical laboratory analysis	Sodium hydroxide	
Medical	Medical laboratory analysis	Sodium nitrite	
Medical	Medical laboratory analysis	Sodium nitroprusside	
Medical	Medical laboratory analysis	Sodium phosphate, dibasic	
Medical	Medical laboratory analysis	Sodium thymolphthalein monophosphate	
Medical	Medical laboratory analysis	Succinic anhydride	
Medical	Medical laboratory analysis	Sulfanilic acid	
Medical	Medical laboratory analysis	Sulfuric acid	
Medical	Medical laboratory analysis	Thiourea	

## Operations

Medical	Medical laboratory analysis	Urine	
Medical	Medical laboratory analysis	Wright's Stain	
Medical	Medical laboratory analysis	Zap-O-globin II	
Medical	Work in a medical or research laboratory handling pathogens		
Medical	Medical services/EMT activities	Alkyl dimethylbenzyl ammonium chloride	
Medical	Medical services/EMT activities	Amphyl	
Medical	Medical services/EMT activities	Bloodborne pathogens	
Medical	Medical services/EMT activities	Ethyl alcohol	
Medical	Medical services/EMT activities	Fecal material	
Medical	Medical services/EMT activities	Human blood	
Medical	Medical services/EMT activities	Hydrogen peroxide	
Medical	Medical services/EMT activities	Isopropyl alcohol	
Medical	Medical services/EMT activities	Methyl salicylate	
Medical	Medical services/EMT activities	Povidone-iodine	
Medical	Medical services/EMT activities	Silver nitrate	
Medical	Medical services/EMT activities	Urine	
Medical	Care for sick patients (droplet/airborne pathogens)		
Medical	Handle medical needles or surgical instruments		
Metal cleaning	Metal cleaning with chemicals	1,1,1-Trichloroethane	
Metal cleaning	Metal cleaning with chemicals	Carbon tetrachloride	
Metal cleaning	Metal cleaning with chemicals	Dichloromethane	
Metal cleaning	Metal cleaning with chemicals	Kerosene	
Metal cleaning	Metal cleaning with chemicals	Limonene	
Metal cleaning	Metal cleaning with chemicals	d-Limonene	
Metal cleaning	Metal cleaning with chemicals	n-Propyl alcohol	
Metal cleaning	Metal cleaning with chemicals	Petroleum distillates	
Metal cleaning	Metal cleaning with chemicals	Stoddard solvent	
Metal cleaning	Metal cleaning with chemicals	Terpenes and Terpenoids, sweet orange-oil	
Metal cleaning	Metal cleaning with chemicals	Tetrachloroethylene	
Metal cleaning	Metal cleaning with chemicals	Trichloroethane	
Metal cleaning	Metal cleaning with chemicals	Trichloroethylene	
Metal cleaning	Clean up equipment with solvents		
Metal cleaning	Degrease metal		
Metal cleaning	Use n-hexane as a solvent in glues, inks, coatings, or degreasers		
Mining and quarrying	Blast, drill, remove, or crush rock		
Mining and quarrying	Load or dump dusty rock, stone, or sand		
Mining and quarrying	Mine or crush manganese ores		



Outdoor power line maintenance	Outdoor power line maintenance activities		
Outdoor power line maintenance	Outdoor power line maintenance activities		
Outdoor power line maintenance	Outdoor power line maintenance activities		
Outdoor power line maintenance	Outdoor power line maintenance activities		
Outdoor power line maintenance	Clean up equipment with solvents		
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Asbestos	Apply this toxic for work prior to 1981
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Acetylene	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Borosilicate	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Carbon dioxide	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Carbon monoxide	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Carbon steel	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Cement	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Galvanized steel	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Iron	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Iron II oxide	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Iron III oxide	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Lead	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Oxygen	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Synthetic vitreous fibers	
Oxyacetylene Torch Cutting for D&D Activities	Torch cutting	Welding fumes	

Oxyacetylene Torch Cutting for D&D Activities	Heat or machine chromium alloys		
Oxyacetylene Torch Cutting for D&D Activities	Heat or machine manganese alloys		
Oxyacetylene Torch Cutting for D&D Activities	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Oxyacetylene Torch Cutting for D&D Activities	Gas weld or cut in a confined space		
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Asbestos	Apply this toxic for work prior to 1981
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Acetylene	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Borosilicate	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Carbon dioxide	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Carbon monoxide	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Carbon steel	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Galvanized steel	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Iron	

Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Iron II oxide	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Iron III oxide	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Lead	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Oxygen	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Synthetic vitreous fibers	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Torch cutting	Welding fumes	
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Heat or machine chromium alloys		
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Heat or machine manganese alloys		
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Oxyacetylene Torch Cutting for Maintenance and Maintenance Support Activities	Gas weld or cut in a confined space		

## Operations

Painting	Painting	1,1,1-Trichloroethane	
Painting	Painting	1,2-Benzisothiazoline-3-one	
Painting	Painting	1,6-Hexamethylene diisocyanate	
Painting	Painting	2-Aminophenol	
Painting	Painting	2-Butanone oxime	
Painting	Painting	2-Butoxyethanol	
Painting	Painting	2-Ethylhexanoic acid, calcium salt	
Painting	Painting	2-Ethylhexanoic acid, lanthanum salt	
Painting	Painting	2-Ethylhexanoic acid, manganese salt	
Painting	Painting	2-Ethylhexanoic acid, zinc salt	
Painting	Painting	2-Naphthylamine	
Painting	Painting	2-Nitropropane	
Painting	Painting	3,3'-Dichlorobenzidine	
Painting	Painting	4,4'-Methylenedianiline	
Painting	Painting	4-Biphenylamine	
Painting	Painting	4-Chloro-2-toluidine	
Painting	Painting	4-Toluenesulfonic acid	
Painting	Painting	5-Nitrophthalic acid, zinc salt	
Painting	Painting	Acacia	
Painting	Painting	Acetone	
Painting	Painting	Acrylic acid	
Painting	Painting	Acrylic acid, polymers	
Painting	Painting	Alginic acid	
Painting	Painting	Aluminum	
Painting	Painting	Aluminum silicate, anhydrous	
Painting	Painting	Aluminum stearate	
Painting	Painting	Aminomethylpropanol	
Painting	Painting	Ammonia	
Painting	Painting	Ammonium caseinate	
Painting	Painting	Antimony trioxide	
Painting	Painting	Antimony trisulfide	
Painting	Painting	Asbestos	
Painting	Painting	Asphalt	
Painting	Painting	Attapulgite	
Painting	Painting	Auramine	
Painting	Painting	Barium carbonate	
Painting	Painting	Barium sulfate	
Painting	Painting	Bentonite	
Painting	Painting	Benzene	
Painting	Painting	Benzidine	



Painting	Painting	Benzidine-2-naphthylamine	
Painting	Painting	Benzo(a)pyrene	
Painting	Painting	Benzoyl peroxide	
Painting	Painting	Biphenyl A diglycidyl ether	
Painting	Painting	Bis(2-ethylhexyl)phthalate	
Painting	Painting	Bisphenol A	
Painting	Painting	Bitumens, extracts of steam-refined and air-refined	
Painting	Painting	Blown herring oil	
Painting	Painting	Bronze	
Painting	Painting	Butyl glycidyl ether	
Painting	Painting	Butyl rubber	
Painting	Painting	Butylbenzyl phthalate	
Painting	Painting	Butyraldoxime	
Painting	Painting	C.I. Basic Red 9	
Painting	Painting	Cadmium selenide sulfide	
Painting	Painting	Cadmium sulfide	
Painting	Painting	Calcium carbonate	
Painting	Painting	Calcium naphthenate	
Painting	Painting	Calcium octoate	
Painting	Painting	Calcium sulfate	
Painting	Painting	Camphor	
Painting	Painting	Carbon	
Painting	Painting	Carbon black	
Painting	Painting	Carbon tetrachloride	
Painting	Painting	Casein	
Painting	Painting	Castor oil	
Painting	Painting	Cellulose acetate	
Painting	Painting	Cerium III 2-ethylhexanoate	
Painting	Painting	Chloroacetamide	
Painting	Painting	Chlorodiphenyl	
Painting	Painting	Chlorofluoromethane	
Painting	Painting	Chromium	
Painting	Painting	Chromium III oxide	
Painting	Painting	Coal tar	
Painting	Painting	Coal tar pitch volatiles	
Painting	Painting	Cobalt	
Painting	Painting	Cobalt bis(2-ethylhexanoate)	
Painting	Painting	Cobalt naphthenate	
Painting	Painting	Cobalt neodecanoate	

## Operations

Painting	Painting	Coconut oil	
Painting	Painting	Copper aceto-arsenate	
Painting	Painting	Copper I oxide	
Painting	Painting	Cottonseed oil	
Painting	Painting	Cyclohexanone	
Painting	Painting	Cyclohexanone oxime	
Painting	Painting	Diacetone alcohol	
Painting	Painting	Diatomaceous earth	
Painting	Painting	Dibutyl phthalate	
Painting	Painting	Dibutyl tin dilaurate	
Painting	Painting	Dichloromethane	
Painting	Painting	Diethyl phthalate	
Painting	Painting	Diethylamine	
Painting	Painting	Diethylene glycol dibutyl ether	
Painting	Painting	Diethylene glycol monobutyl ether	
Painting	Painting	Diethylene glycol monoethyl ether	
Painting	Painting	Diethylene glycol monoethyl ether	
Painting	Painting	Diethylenetriamine	
Painting	Painting	Dipropylene glycol monomethyl ether	
Painting	Painting	Epichlorohydrin	
Painting	Painting	Ethyl acetate	
Painting	Painting	Ethyl acrylate	
Painting	Painting	Ethyl alcohol	
Painting	Painting	Ethyl benzene	
Painting	Painting	Ethylene glycol	
Painting	Painting	Ethylene glycol monomethyl ether	
Painting	Painting	Ferric ferrocyanide	
Painting	Painting	Formalin	
Painting	Painting	Gasoline	
Painting	Painting	Guaiacol	
Painting	Painting	Heptane	
Painting	Painting	Hydrochloric acid	
Painting	Painting	Hydroquinone	
Painting	Painting	Hydroxyethyl cellulose	
Painting	Painting	Iron III oxide	
Painting	Painting	Isobutoxysafrol	
Painting	Painting	Isophorone	
Painting	Painting	Isopropyl acetate	
Painting	Painting	Isopropyl alcohol	
Painting	Painting	Isopropyl ether	

Painting	Painting	JP-4 jet fuel	
Painting	Painting	Kerosene	
Painting	Painting	Lead	
Painting	Painting	Lead 2-ethylhexoate	
Painting	Painting	Lead chromate	
Painting	Painting	Lead II hydroxide carbonate	
Painting	Painting	Lead III oxide	
Painting	Painting	Lead IV oxide	
Painting	Painting	Lead molybdate	
Painting	Painting	Lead tetraoxide	
Painting	Painting	Lecithin	
Painting	Painting	Lignocol	
Painting	Painting	Ligroin	
Painting	Painting	Linseed oil	
Painting	Painting	Magenta	
Painting	Painting	Magnesium carbonate	
Painting	Painting	Maleic anhydride	
Painting	Painting	Maleic anhydride copolymers	
Painting	Painting	Melamine/formaldehyde resin	
Painting	Painting	Mercuric oxide	
Painting	Painting	Methyl acrylate	
Painting	Painting	Methyl alcohol	
Painting	Painting	Methyl cellulose	
Painting	Painting	Methyl ethyl ketone	
Painting	Painting	Methyl methacrylate	
Painting	Painting	Mica	
Painting	Painting	m-Phenylenediamine	
Painting	Painting	N,N-Dimethylformamide	
Painting	Painting	Naphtha	
Painting	Painting	Naphthenic acid, cerium salt	
Painting	Painting	Naphthenic acid, lanthanum salt	
Painting	Painting	Naphthenic acid, manganese salt	
Painting	Painting	Naphthenic acids, lead salts	
Painting	Painting	n-Butanol	
Painting	Painting	Neodecanoic acid, calcium salt	
Painting	Painting	Neodecanoic acid, cerium salt	
Painting	Painting	Neodecanoic acid, lanthanum salt	
Painting	Painting	Neodecanoic acid, lead salt	
Painting	Painting	Neodecanoic acid, manganese salt	
Painting	Painting	Neodecanoic acid, zinc salt	

Painting	Painting	n-Hexane	
Painting	Painting	Nickel	
Painting	Painting	Nitro-cellulose	
Painting	Painting	Nitroethane	
Painting	Painting	N-Methyl-2-pyrrolidone	
Painting	Painting	Oleic acid	
Painting	Painting	Paint/varnish removers (generic)	
Painting	Painting	Pentachlorophenol	
Painting	Painting	Phenol	
Painting	Painting	Phenyl mercuric acetate	
Painting	Painting	Phenylglycidyl ether	
Painting	Painting	Phthalic anhydride	
Painting	Painting	Polydimethylsiloxane	
Painting	Painting	Polyester resin	
Painting	Painting	Polyethylene	
Painting	Painting	Polyurethane	
Painting	Painting	Polyvinyl acetate	
Painting	Painting	Polyvinyl alcohol	
Painting	Painting	Potassium hydroxide	
Painting	Painting	Potassium phosphate	
Painting	Painting	Propylene glycol methyl ether	
Painting	Painting	Propylene glycol mono-t-butyl ether	
Painting	Painting	Pyrogenic silicic acid	
Painting	Painting	Rosin	
Painting	Painting	Shellac	
Painting	Painting	Silicon dioxide, amorphous	
Painting	Painting	Silicon dioxide, crystalline	
Painting	Painting	Sodium 2,4,5-Trichlorophenate	
Painting	Painting	Sodium alginate	
Painting	Painting	Sodium dioctyl sulfosuccinate	
Painting	Painting	Sodium hydroxide	
Painting	Painting	Sodium phosphate	
Painting	Painting	Sodium silicate	
Painting	Painting	Soy Protein	
Painting	Painting	Soybean oil	
Painting	Painting	Starch	
Painting	Painting	Stoddard solvent	
Painting	Painting	Strontium chromate	
Painting	Painting	Strontium sulfide	
Painting	Painting	Styrene	

## Operations

Painting	Painting	Styrene butadiene rubber	
Painting	Painting	Styrene oxide	
Painting	Painting	Styrene-butadiene polymer	
Painting	Painting	Succinic anhydride	
Painting	Painting	Sulfuric acid	
Painting	Painting	Talc	
Painting	Painting	Talc, containing asbestiform fibers	
Painting	Painting	Tall oil acid, calcium salt	
Painting	Painting	Tall oil acid, cerium salt	
Painting	Painting	Tall oil acid, cobalt salt	
Painting	Painting	Tall oil acid, lanthanum salt	
Painting	Painting	Tall oil acid, lead salt	
Painting	Painting	Tall oil acid, manganese salt	
Painting	Painting	Tall oil acid, zinc salt	
Painting	Painting	Terlon	
Painting	Painting	Tetrahydrofuran	
Painting	Painting	Tin	
Painting	Painting	Titanium dioxide	
Painting	Painting	Toluene	
Painting	Painting	Toluene diisocyanate	
Painting	Painting	Toluene-2,4-diisocyanate	
Painting	Painting	Toluene-2,6-diisocyanate	
Painting	Painting	Tragacanth	
Painting	Painting	Treated Magnesium Montmorillonite clay	
Painting	Painting	Tributyl phosphate	
Painting	Painting	Tributyltin oxide	
Painting	Painting	Trichloroethylene	
Painting	Painting	Tricresyl phosphate	
Painting	Painting	Triethanolamine	
Painting	Painting	Triethylene glycol diglycidyl ether	
Painting	Painting	Trimellitic anhydride	
Painting	Painting	Trimethylbenzene	
Painting	Painting	Tung oil	
Painting	Painting	Turpentine	
Painting	Painting	Urea formaldehyde	
Painting	Painting	Vinyl acetate monomer	
Painting	Painting	Vinyl chloride-vinyl acetate copolymers	
Painting	Painting	Xylene	
Painting	Painting	Zinc	

## Operations

Painting	Painting	Zinc caprylate	
Painting	Painting	Zinc chromate	
Painting	Painting	Zinc naphthenate	
Painting	Painting	Zinc oxide	
Painting	Painting	Zinc stearate	
Painting	Clean up equipment with solvents		
Painting	Degrease metal		
Painting	Paint or varnish, oil-based		
Painting	Spray and resand chromate-containing paints		
Painting	Spray epoxy or polyurethane paint, shellac, lacquer, or varnish		
Painting	Spray paints or glazes containing cadmium pigments		
Painting	Use abrasives containing silica or silicon carbide		
Painting	Worked for years as painter or varnisher exposed to solvents		
Painting	Saw or sand arsenic-treated wood		
Painting	Saw or sand wood treated with coal tar creosote		
Photoprocessing	Photoprocessing	Photographic developer (generic)	
Photoprocessing	Photoprocessing	Photographic stop bath solution (generic)	
Photoprocessing	Photoprocessing	Photographic fixer solution (generic)	
Photoprocessing	Microfiche film processing	Photographic developer (generic)	
Photoprocessing	Microfiche film processing	Photographic stop bath solution (generic)	
Photoprocessing	Microfiche film processing	Photographic fixer solution (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Acetone	
Plumbing/pipefitting	Plumbing/pipefitting	Anti-seize agents (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Asbestos	Apply this toxic for work prior to 1981
Plumbing/pipefitting	Plumbing/pipefitting	Asphalt	
Plumbing/pipefitting	Plumbing/pipefitting	Borosilicate	
Plumbing/pipefitting	Plumbing/pipefitting	Carbon steel	
Plumbing/pipefitting	Plumbing/pipefitting	Copper	
Plumbing/pipefitting	Plumbing/pipefitting	Dichloromethane	
Plumbing/pipefitting	Plumbing/pipefitting	flux removers (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Gasoline	
Plumbing/pipefitting	Plumbing/pipefitting	Lead	
Plumbing/pipefitting	Plumbing/pipefitting	Methyl ethyl ketone	
Plumbing/pipefitting	Plumbing/pipefitting	Mineral oil	
Plumbing/pipefitting	Plumbing/pipefitting	Naphtha	

Plumbing/pipefitting	Plumbing/pipefitting	Nickel	
Plumbing/pipefitting	Plumbing/pipefitting	Penetrating oil (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Plastic pipe cleaners, primers and cements (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Soldering fluxes (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Soldering fumes	
Plumbing/pipefitting	Plumbing/pipefitting	Stainless steel	
Plumbing/pipefitting	Plumbing/pipefitting	Stoddard solvent	
Plumbing/pipefitting	Plumbing/pipefitting	Synthetic vitreous fibers	
Plumbing/pipefitting	Plumbing/pipefitting	Tap cutting fluids (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Tetrachloroethylene	
Plumbing/pipefitting	Plumbing/pipefitting	Threadlockers (generic)	
Plumbing/pipefitting	Plumbing/pipefitting	Titanium	
Plumbing/pipefitting	Plumbing/pipefitting	Trichloroethylene	
Plumbing/pipefitting	Plumbing/pipefitting	Turpentine	
Plumbing/pipefitting	Remove insulation installed before 1975		
Plumbing/pipefitting	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Potable water treatment	Potable water treatment	Acrylamide	
Potable water treatment	Potable water treatment	Aluminum oxide	
Potable water treatment	Potable water treatment	Aluminum sulfate	
Potable water treatment	Potable water treatment	Aluminum trichloride	
Potable water treatment	Potable water treatment	Ammonia	
Potable water treatment	Potable water treatment	Ammonium hydroxide	
Potable water treatment	Potable water treatment	Calcium carbonate	
Potable water treatment	Potable water treatment	Calcium hydroxide	
Potable water treatment	Potable water treatment	Calcium hypochlorite	
Potable water treatment	Potable water treatment	Calcium oxide	
Potable water treatment	Potable water treatment	Calcium phosphate	
Potable water treatment	Potable water treatment	Carbon	
Potable water treatment	Potable water treatment	Carbon dioxide	
Potable water treatment	Potable water treatment	Chloramine	
Potable water treatment	Potable water treatment	Chlorine	
Potable water treatment	Potable water treatment	Chlorine dioxide	
Potable water treatment	Potable water treatment	Copper sulfate	
Potable water treatment	Potable water treatment	Epichlorohydrin	
Potable water treatment	Potable water treatment	Ethylenediaminetetraacetic acid	
Potable water treatment	Potable water treatment	Ethylenediaminetetraacetic acid tetrasodium salt	
Potable water treatment	Potable water treatment	Ferric chloride	

Potable water treatment	Potable water treatment	Ferric sulfate	
Potable water treatment	Potable water treatment	Iodine	
Potable water treatment	Potable water treatment	Magnesium oxide	
Potable water treatment	Potable water treatment	Ozone	
Potable water treatment	Potable water treatment	Potassium hydroxide	
Potable water treatment	Potable water treatment	Potassium permanganate	
Potable water treatment	Potable water treatment	Sodium aluminate	
Potable water treatment	Potable water treatment	Sodium bicarbonate	
Potable water treatment	Potable water treatment	Sodium bisulfate	
Potable water treatment	Potable water treatment	Sodium carbonate	
Potable water treatment	Potable water treatment	Sodium chlorate	
Potable water treatment	Potable water treatment	Sodium chloride	
Potable water treatment	Potable water treatment	Sodium chlorite	
Potable water treatment	Potable water treatment	Sodium hydroxide	
Potable water treatment	Potable water treatment	Sodium hypochlorite	
Potable water treatment	Potable water treatment	Sodium metabisulfite	
Potable water treatment	Potable water treatment	Sodium silicate	
Potable water treatment	Potable water treatment	Sulfur dioxide	
Potable water treatment	Potable water treatment	Sulfuric acid	
Printing	Diazo blue line printing	Ammonia	
Printing	Diazo blue line printing	Ammonium hydroxide	
Printing	Xerographic printing and reproduction	Ozone	
Printing	Lithographic printing	2-Butoxyethanol	
Printing	Lithographic printing	2-Nitropropane	
Printing	Lithographic printing	Acacia	
Printing	Lithographic printing	Ammonia	
Printing	Lithographic printing	Ammonium bromide	
Printing	Lithographic printing	Ammonium dichromate	
Printing	Lithographic printing	Barium peroxide	
Printing	Lithographic printing	Cadmium bromide	
Printing	Lithographic printing	Cadmium iodide	
Printing	Lithographic printing	Carbon black	
Printing	Lithographic printing	Chromium	
Printing	Lithographic printing	Dichloromethane	
Printing	Lithographic printing	Ferrous sulfate	
Printing	Lithographic printing	Ferrous sulfate heptahydrate	
Printing	Lithographic printing	Hydrochloric acid	
Printing	Lithographic printing	Hydroxyacetic acid	
Printing	Lithographic printing	Isopropyl alcohol	
Printing	Lithographic printing	Magnesium nitrate	



## Operations

Printing	Lithographic printing	Nitric acid	
Printing	Lithographic printing	Nitro-cellulose	
Printing	Lithographic printing	Nitrogen dioxide	
Printing	Lithographic printing	Phenol	
Printing	Lithographic printing	Phosphoric acid	
Printing	Lithographic printing	Potassium bromide	
Printing	Lithographic printing	Potassium ferrocyanide	
Printing	Lithographic printing	Potassium hydroxide	
Printing	Lithographic printing	Rosin	
Printing	Lithographic printing	Sodium sulfide	
Printing	Lithographic printing	Stoddard solvent	
Printing	Lithographic printing	Talc	
Printing	Print Shop activities	Automotive finish scratch remover (generic)	
Printing	Print Shop activities	Color Wash Step 1 (generic)	
Printing	Print Shop activities	Color Wash Step 2 (generic)	
Printing	Print Shop activities	Ink/dye removers (generic)	
Printing	Print Shop activities	Multi-purpose spray lubricant (generic)	
Printing	Print Shop activities	Printer's anti-static and rust inhibiting spray (generic)	
Printing	Print Shop activities	Printer's fountain solution (generic)	
Printing	Print Shop activities	Printer's fountain wetting additive (generic)	
Printing	Print Shop activities	Printer's Ink skinning retardant spray (generic)	
Printing	Print Shop activities	Printer's negative plate finisher (generic)	
Printing	Print Shop activities	Printing plate cleaner (generic)	
Printing	Print Shop activities	Printing plate developer (generic)	
Printing	Print Shop activities	Printing plate image deletion fluid (generic)	
Printing	Print Shop activities	Printing plate stabilizer (generic)	
Printing	Print Shop activities	Rubber rejuvenators (generic)	
Printing	Print Shop activities	Silicone Lubricants (generic)	
Printing	Print Shop activities	Vinyl cleaner, conditioner & protector (generic)	
Printing	Print Shop activities	Water miscible roller wash (generic)	
Printing	Clean up equipment with solvents		
Printing	Use chromates or dichromates in printing		

## Operations

Printing	Use n-hexane as a solvent in glues, inks, coatings, or degreasers		
Radiography	Radiography	Lead	
Radiography	Radiography	Radiation, Ionizing	
Rigging	Rigging operations	Acetone	
Rigging	Rigging operations	Aluminum	
Rigging	Rigging operations	Aluminum oxide	
Rigging	Rigging operations	Anti-seize agents (generic)	
Rigging	Rigging operations	Asbestos	Apply this toxic for work prior to 1981
Rigging	Rigging operations	Automotive engine oil (generic)	
Rigging	Rigging operations	Carbon steel	
Rigging	Rigging operations	Cement	
Rigging	Rigging operations	Diesel exhaust	
Rigging	Rigging operations	Gasoline	
Rigging	Rigging operations	Gasoline engine exhaust	
Rigging	Rigging operations	Grease (generic)	
Rigging	Rigging operations	Hydraulic fluid/oil (generic)	
Rigging	Rigging operations	Kerosene	
Rigging	Rigging operations	Lead	
Rigging	Rigging operations	Liquefied petroleum gas	
Rigging	Rigging operations	Mineral oil	
Rigging	Rigging operations	Multi-purpose spray lubricant (generic)	
Rigging	Rigging operations	Naphtha	
Rigging	Rigging operations	Penetrating oil (generic)	
Rigging	Rigging operations	Petroleum mid-distillate	
Rigging	Rigging operations	Petroleum oils	
Rigging	Rigging operations	Silicon carbide	
Rigging	Rigging operations	Silicon dioxide, crystalline	
Rigging	Rigging operations	Stainless steel	
Rigging	Rigging operations	Stoddard solvent	
Rigging	Rigging operations	Tetrachloroethylene	
Rigging	Rigging operations	Threadlockers (generic)	
Rigging	Rigging operations	Trichloroethylene	
Rigging	Rigging operations	Welding fumes	
Rigging	Rigging operations	Histoplasma capsulatum	
Rigging	Rigging operations	New world hantaviruses	
Rigging	Clean up equipment with solvents		
Rigging	Degrease metal		
Rigging	Use abrasives containing silica or silicon carbide		

Rigging	Operate internal combustion engine with inadequate ventilation		
Roofing	Roofing	Asbestos	Apply this toxic for work prior to 1981
Roofing	Roofing	Asphalt	
Roofing	Roofing	Asphalt, oxidized	
Roofing	Roofing	Borosilicate	
Roofing	Roofing	Coal tar pitch volatiles	
Roofing	Roofing	Synthetic vitreous fibers	
Roofing	Roofing	Tar Fumes	
Roofing	Apply coal tar pitch to cables, pipes, or roofs		
Sewage treatment	Sewage treatment	Aluminum sulfate	
Sewage treatment	Sewage treatment	Ammonia	
Sewage treatment	Sewage treatment	Calcium carbonate	
Sewage treatment	Sewage treatment	Carbon	
Sewage treatment	Sewage treatment	Chloramine	
Sewage treatment	Sewage treatment	Chlorine	
Sewage treatment	Sewage treatment	Ferric chloride	
Sewage treatment	Sewage treatment	Methane	
Sewage treatment	Sewage treatment	Nitrobacter spp.	
Sewage treatment	Sewage treatment	Nitrogen	
Sewage treatment	Sewage treatment	Nitrosomonas spp.	
Sewage treatment	Sewage treatment	Nitrospira spp.	
Sewage treatment	Sewage treatment	Oxygen	
Sewage treatment	Sewage treatment	Ozone	
Sheet metal	Sheet metal fabrication	1,1,1-Trichloroethane	
Sheet metal	Sheet metal fabrication	Acetone	
Sheet metal	Sheet metal fabrication	Aluminum	
Sheet metal	Sheet metal fabrication	Asbestos	Apply this toxic for work prior to 1981
Sheet metal	Sheet metal fabrication	Borosilicate	
Sheet metal	Sheet metal fabrication	Carbon monoxide	
Sheet metal	Sheet metal fabrication	Chromium	
Sheet metal	Sheet metal fabrication	Cobalt	
Sheet metal	Sheet metal fabrication	Copper	
Sheet metal	Sheet metal fabrication	Dichloromethane	
Sheet metal	Sheet metal fabrication	Carbon steel	
Sheet metal	Sheet metal fabrication	Lead	
Sheet metal	Sheet metal fabrication	Mineral oil	
Sheet metal	Sheet metal fabrication	Naphthalene	

Sheet metal	Sheet metal fabrication	Nickel	
Sheet metal	Sheet metal fabrication	Synthetic vitreous fibers	
Sheet metal	Sheet metal fabrication	Stainless steel	
Sheet metal	Sheet metal fabrication	Tetrachloroethylene	
Sheet metal	Sheet metal fabrication	Titanium	
Sheet metal	Sheet metal fabrication	Trichloroethylene	
Sheet metal	Sheet metal fabrication	Soldering fumes	
Sheet metal	Sheet metal fabrication	Soldering fluxes (generic)	
Sheet metal	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Soldering	Soldering	Flux removers (generic)	
Soldering	Soldering	Soldering fumes	
Soldering	Soldering	Soldering fluxes (generic)	
Soldering	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Torch Cutting with Alternative Fuel Use	Torch cutting	Butane	
Torch Cutting with Alternative Fuel Use	Torch cutting	Butane-propane mixture	
Torch Cutting with Alternative Fuel Use	Torch cutting	Hydrogen	
Torch Cutting with Alternative Fuel Use	Torch cutting	MAPP gas	
Torch Cutting with Alternative Fuel Use	Torch cutting	Natural gas	
Torch Cutting with Alternative Fuel Use	Torch cutting	Propane	
Torch Cutting with Alternative Fuel Use	Torch cutting	Propene	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Amberlite IRA-420	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Ammonium chloride	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	ammonium nitrate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	calcium	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	calcium hydroxide	

Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	calcium sulfate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Chloromethylated aminated styrene-divinylbenzene resin	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Divinylbenzene	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Duolite A-101D resin	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	iron	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	magnesium	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Magnesium chloride	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	magnesium diuranate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Magnesium nitrate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	magnesium oxide	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	magnesium sulfate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	manganese	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	manganese dioxide	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Nalcite resin	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Polyacrylamides	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	radium	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Silicon dioxide, crystalline	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	sodium chlorate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Sodium chloride	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Sodium hydroxide	

## Operations

Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	Sodium nitrate	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	triuranium octaoxide	
Uranium mill process substances	Acid leach resin-in-pulp uranium extraction process	uranium trioxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Amberlite LA-1	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Amberlite LA-2	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	ammonium diuranate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	arsenic	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Bis(1-isobutyl-3,5-dimethylhexyl)amine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	calcium oxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	decanol	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Di(2-ethylhexyl) phosphoric acid	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Iron	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	iron II carbonate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	kerosene	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	magnesium oxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	manganese dioxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Monoheptadecyl phosphoric acid	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Mono-n-dodecyl phosphate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Polyacrylamides	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	radium	

Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Silicon dioxide, crystalline	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	sodium carbonate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	sodium chlorate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	sodium hydroxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Tri (C8-C10) alkyl amine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Tributyl phosphate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Tridodecylamine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	triisooctylamine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	Tri-n-octylamine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	triuranium octaoxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process	uranium peroxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Amberlite LA-1	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Amberlite LA-2	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	ammonium diuranate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	arsenic	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Bis(1-isobutyl-3,5-dimethylhexyl)amine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	calcium carbonate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	calcium oxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	calcium sulfate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Di(2-ethylhexyl) phosphoric acid	

Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Iron	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	kerosene	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	magnesium oxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	manganese dioxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Monoheptadecyl phosphoric acid	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Mono-n-dodecyl phosphate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Polyacrylamides	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	radium	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Silicon dioxide, crystalline	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium carbonate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium chlorate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium chloride	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium hydroxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Sodium metavanadate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium polyvanadate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	sodium uranyl vanadate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Tri (C8-C10) alkyl amine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Tributyl phosphate	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Tridodecylamine	



Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	triisooctylamine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	Tri-n-octylamine	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	triuranium octaoxide	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	vanadium	
Uranium mill process substances	Acid leach-solvent extraction uranium refining process with vanadium separation	vanadium pentoxide	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	arsenic	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	calcium carbonate	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	copper sulfate	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	guar gum	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	Iron	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	Polyacrylamides	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	Potassium permanganate	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	radium	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	Silicon dioxide, crystalline	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	sodium bicarbonate	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	sodium carbonate	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	Sodium cyanide	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	sodium diuranate	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	sodium hydroxide	
Uranium mill process substances	Alkaline (aka Carbonate) leach uranium extraction process	Triuranium octaoxide	

Uranium mill process substances	Heap leaching (percolation leaching) uranium extraction - Maybell		
Uranium mill process substances	Solution mining (in-situ mining)		
Uranium mill process substances	Uranium recovery from mine water		
Uranium mill process substances	Copper dump leach liquor extraction		
Uranium mill process substances	Wet process phosphoric acid effluent extraction - Florida phosphate mines/phosphoric acid plants		
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	aluminum	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	arsenic	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	bismuth	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	cadmium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	calcium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	calcium oxide	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	chromium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	copper	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	copper sulfate	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	iron	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	lead	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	magnesium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	magnesium oxide	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	manganese	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	manganese dioxide	

Uranium mill process substances	Generic Tailings carryover mineral/chemical content	mercury	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	molybdenum	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	nickel	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	polonium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	Polyacrylamides	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	potassium permanganate	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	radium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	radon	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	selenium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	silicon dioxide, crystalline	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	sodium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	thorium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	triuranium octaoxide	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	vanadium	
Uranium mill process substances	Generic Tailings carryover mineral/chemical content	zinc	
Uranium mill process substances	Solvent process additional Generic Tailings carryover mineral/chemical content	kerosene	
Uranium mill process substances	Solvent process additional Generic Tailings carryover mineral/chemical content	fuel oil	
Uranium ores - Colorado Plateau		Allophane	
Uranium ores - Colorado Plateau		Aluminum oxide	
Uranium ores - Colorado Plateau		Alunite	

Uranium ores - Colorado Plateau		Andersonite	
Uranium ores - Colorado Plateau		Antlerite	
Uranium ores - Colorado Plateau		Silver sulfide	
Uranium ores - Colorado Plateau		Autunite	
Uranium ores - Colorado Plateau		Azurite	
Uranium ores - Colorado Plateau		Bassettite	
Uranium ores - Colorado Plateau		Bayleyite	
Uranium ores - Colorado Plateau		Becquerelite	
Uranium ores - Colorado Plateau		Bieberite	
Uranium ores - Colorado Plateau		Bornite	
Uranium ores - Colorado Plateau		Brochantite	
Uranium ores - Colorado Plateau		Calciovolborthite	
Uranium ores - Colorado Plateau		Carnotite	
Uranium ores - Colorado Plateau		Silver chloride	
Uranium ores - Colorado Plateau		Lead II carbonate	
Uranium ores - Colorado Plateau		Chalcanthite	
Uranium ores - Colorado Plateau		Copper I sulfide	
Uranium ores - Colorado Plateau		Chalcopyrite	
Uranium ores - Colorado Plateau		Chlorite	
Uranium ores - Colorado Plateau		Chrysocolla	

Uranium ores - Colorado Plateau		Clausthalite	
Uranium ores - Colorado Plateau		Cobaltoan pickeringtonite	
Uranium ores - Colorado Plateau		Coffinite	
Uranium ores - Colorado Plateau		Conichalcite	
Uranium ores - Colorado Plateau		Corvusite	
Uranium ores - Colorado Plateau		Cuprosklodowskite	
Uranium ores - Colorado Plateau		Doloresite	
Uranium ores - Colorado Plateau		Erythrite	
Uranium ores - Colorado Plateau		Fernandinite	
Uranium ores - Colorado Plateau		Ferrimolybdite	
Uranium ores - Colorado Plateau		Fervanite	
Uranium ores - Colorado Plateau		Fourmarierite	
Uranium ores - Colorado Plateau		Lead II sulfide	
Uranium ores - Colorado Plateau		Gibbsite	
Uranium ores - Colorado Plateau		Glauconitic mica	
Uranium ores - Colorado Plateau		Gummite	
Uranium ores - Colorado Plateau		Gypsum	
Uranium ores - Colorado Plateau		Hewettite	
Uranium ores - Colorado Plateau		Selenium	
Uranium ores - Colorado Plateau		Hummerite	

Uranium ores - Colorado Plateau		Hyalite	
Uranium ores - Colorado Plateau		illite	
Uranium ores - Colorado Plateau		ilsemannite	
Uranium ores - Colorado Plateau		Jarosite	
Uranium ores - Colorado Plateau		Johannite	
Uranium ores - Colorado Plateau		Kaolinite	
Uranium ores - Colorado Plateau		Lead	
Uranium ores - Colorado Plateau		Liebigite	
Uranium ores - Colorado Plateau		Calcium carbonate	
Uranium ores - Colorado Plateau		Limonite	
Uranium ores - Colorado Plateau		Magnesium oxide	
Uranium ores - Colorado Plateau		Cupric carbonate, basic	
Uranium ores - Colorado Plateau		Melanovanadite	
Uranium ores - Colorado Plateau		Meta-autunite	
Uranium ores - Colorado Plateau		Metahewettite	
Uranium ores - Colorado Plateau		Metarossite	
Uranium ores - Colorado Plateau		Metatorbernite	
Uranium ores - Colorado Plateau		Metatyuyamunite	
Uranium ores - Colorado Plateau		Metazeunerite	
Uranium ores - Colorado Plateau		Sodium montmorillonite	

Uranium ores - Colorado Plateau		Montroseite	
Uranium ores - Colorado Plateau		Navajoite	
Uranium ores - Colorado Plateau		Novacekite	
Uranium ores - Colorado Plateau		Opal	
Uranium ores - Colorado Plateau		Paramontroseite	
Uranium ores - Colorado Plateau		Pascoite	
Uranium ores - Colorado Plateau		Phosphuranylite	
Uranium ores - Colorado Plateau		Iron II sulfide	
Uranium ores - Colorado Plateau		Rabbittite	
Uranium ores - Colorado Plateau		Rauvite	
Uranium ores - Colorado Plateau		Mica	
Uranium ores - Colorado Plateau		Rossite	
Uranium ores - Colorado Plateau		Silicon dioxide, crystalline	
Uranium ores - Colorado Plateau		Schroëckingerite	
Uranium ores - Colorado Plateau		Schwartzite	
Uranium ores - Colorado Plateau		Sherwoodite	
Uranium ores - Colorado Plateau		Sodium analogue of Hewettite	
Uranium ores - Colorado Plateau		Cobaltous carbonate	
Uranium ores - Colorado Plateau		Sphalerite	
Uranium ores - Colorado Plateau		Steigerite	

Uranium ores - Colorado Plateau		Torbernite	
Uranium ores - Colorado Plateau		Tyuyamunite	
Uranium ores - Colorado Plateau		Uraninite	
Uranium ores - Colorado Plateau		Uranium trioxide	
Uranium ores - Colorado Plateau		Uranophane	
Uranium ores - Colorado Plateau		Uranopilite	
Uranium ores - Colorado Plateau		Uvanite	
Uranium ores - Colorado Plateau		Vanadium Hydromica	
Uranium ores - Colorado Plateau		Volborthite	
Uranium ores - Colorado Plateau		White alunite	
Uranium ores - Colorado Plateau		Zippeite-like minerals	
Uranium ores - Lowman, ID		Columbite	
Uranium ores - Lowman, ID		Euxenite	
Uranium ores - Lowman, ID		Garnet	
Uranium ores - Lowman, ID		Ilmenite	
Uranium ores - Lowman, ID		Magnetite	
Uranium ores - Lowman, ID		Monazite	
Uranium ores - Lowman, ID		Zircon	
Uranium ores - Lowman, ID		Carbonate-fluorapatite	
Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Kaolinite	
Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Sodium montmorillonite	
Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Illite	



Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Chlorite	
Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Attapulgitite	
Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Rhyolitic rocks	
Uranium ores - Uranium Mill and Disposal Cell in Lakeview, OR		Silicon dioxide, crystalline	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Carnotite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Ferghanite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Rauvite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Silicon dioxide, crystalline	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Sengierite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Tyuyamunite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Uvanite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Uraninite	
Uranium ores - Uranium Mill in Converse (Spook Site), Powder River Basin, WY		Coffinite	

Uranium ores - Uranium Mill in Falls City, TX		Bentonite	
Uranium ores - Uranium Mill in Falls City, TX		Autunite	
Uranium ores - Uranium Mill in Falls City, TX		Meta-autunite	
Uranium ores - Uranium Mill in Falls City, TX		Bassettite	
Uranium ores - Uranium Mill in Falls City, TX		Torbernite	
Uranium ores - Uranium Mill in Falls City, TX		Metatorbernite	
Uranium ores - Uranium Mill in Falls City, TX		Phosphuranylite	
Uranium ores - Uranium Mill in Falls City, TX		Limonite	
Uranium ores - Uranium Mill in Falls City, TX		Tuff	
Uranium ores - Uranium Mill in Falls City, TX		Silicon dioxide, crystalline	
Uranium ores - Uranium Mill in Falls City, TX		beta-Uranophane	
Uranium ores - Uranium Mill in Falls City, TX		Uranophane	
Uranium ores - Uranium Mill in Falls City, TX		Cuprosklodowskite	
Uranium ores - Uranium Mill in Maybell, CO		Iron II sulfide	
Uranium ores - Uranium Mill in Maybell, CO		Meta-autunite	
Uranium ores - Uranium Mill in Maybell, CO		Silicon dioxide, crystalline	
Uranium ores - Uranium Mill in Maybell, CO		Schroekingite	
Uranium ores - Uranium Mill in Maybell, CO		Uranophane	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Abernathyite	

Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Beta-Uranotil	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Boltwoodite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Calcium carbonate	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Coffinite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Cuprosklodowskite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Dewindite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Dumonite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Gypsum	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Iron II sulfide	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Kasolite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Liebigite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Meta-autunite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Metatorbernite	

Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Metazeunerite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Novacekite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Parsonite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Phosphuranylite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Renardite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Uranyl carbonate	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Sabugalite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Saleite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Sklodowskite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Soddyite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Troegerite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Uraninite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Uranocircite	

Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Uranophane	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Uranospinite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Uranothorite	
Uranium ores - Uranium Mill Riverton, Wind River Basin (Gas Hills), WY		Walpurgite	
Vehicle maintenance	Vehicle maintenance	Anti-seize agents (generic)	
Vehicle maintenance	Vehicle maintenance	Asbestos	
Vehicle maintenance	Vehicle maintenance	Automatic transmission fluids (generic)	
Vehicle maintenance	Vehicle maintenance	Brake and Parts cleaners (generic)	
Vehicle maintenance	Vehicle maintenance	Brake fluids (generic)	
Vehicle maintenance	Vehicle maintenance	Diesel exhaust	
Vehicle maintenance	Vehicle maintenance	Distillates, petroleum, hydrotreated heavy naphthenic	
Vehicle maintenance	Vehicle maintenance	Distillates, petroleum, solvent-dewaxed heavy paraffinic	
Vehicle maintenance	Vehicle maintenance	Engine coolants (generic)	
Vehicle maintenance	Vehicle maintenance	Engine/parts degreasers (generic)	
Vehicle maintenance	Vehicle maintenance	Engine starting fluids (generic)	
Vehicle maintenance	Vehicle maintenance	Gasket removers (generic)	
Vehicle maintenance	Vehicle maintenance	Gasket sealants (generic)	
Vehicle maintenance	Vehicle maintenance	Gasoline	
Vehicle maintenance	Vehicle maintenance	Gasoline engine exhaust	
Vehicle maintenance	Vehicle maintenance	Gear oils (generic)	
Vehicle maintenance	Vehicle maintenance	Grease (generic)	
Vehicle maintenance	Vehicle maintenance	Hydrogen	
Vehicle maintenance	Vehicle maintenance	Lead	
Vehicle maintenance	Vehicle maintenance	Lead II sulfate	
Vehicle maintenance	Vehicle maintenance	Lead IV oxide	
Vehicle maintenance	Vehicle maintenance	Mercury	
Vehicle maintenance	Vehicle maintenance	Multi-purpose spray lubricant (generic)	
Vehicle maintenance	Vehicle maintenance	Oxygen	
Vehicle maintenance	Vehicle maintenance	Penetrating oil (generic)	
Vehicle maintenance	Vehicle maintenance	Petroleum mid-distillate	

## Operations

Vehicle maintenance	Vehicle maintenance	Automotive engine oil (generic)	
Vehicle maintenance	Vehicle maintenance	Power steering fluid	
Vehicle maintenance	Vehicle maintenance	Sulfuric acid	
Vehicle maintenance	Vehicle maintenance	Threadlockers (generic)	
Vehicle maintenance	Assemble or repair automotive brakes or clutches containing asbestos		
Vehicle maintenance	Clean up equipment with solvents		
Vehicle maintenance	Degrease metal		
Vehicle maintenance	Repair or maintain gasoline or jet fuel tanks		
Weapon (firearm) cleaning	Weapon cleaning activities	Gun barrel cleaner (generic)	
Weapon (firearm) cleaning	Weapon cleaning activities	Gun corrosion inhibitor (generic)	
Weapon (firearm) cleaning	Weapon cleaning activities	Gun lubricant (generic)	
Weapon (firearm) cleaning	Weapon cleaning activities	Lead	
Weapon (firearm) cleaning	Weapon cleaning activities	Small arms firing discharge substances	
Weapon (firearm) cleaning	Weapon cleaning activities	Smokeless powder combustion products	
Weapon (firearm) cleaning	Clean up equipment with solvents		
Weapon (firearm) firing activities	Weapon firing activities	Double Base Smokeless Powder	
Weapon (firearm) firing activities	Weapon firing activities	Lead	
Weapon (firearm) firing activities	Weapon firing activities	Nitro-cellulose	
Weapon (firearm) firing activities	Weapon firing activities	Small arms firing discharge substances	
Weapon (firearm) firing activities	Weapon firing activities	Smokeless powder combustion products	
Weapon (firearm) firing activities	Weapon firing activities	Triple Base Smokeless Powder	
Welding	Welding	Aluminum oxide	
Welding	Welding	Asbestos	Apply this toxic for work prior to 1981
Welding	Welding	Lead	
Welding	Welding	Silicon carbide	
Welding	Welding	Welding fumes	
Welding	Arc weld aluminum		
Welding	Arc weld stainless steel		
Welding	Decompose chlorinated solvents by UV light or heat from welding		
Welding	Gas or arc weld on galvanized metal		

Welding	Heat or machine chromium alloys		
Welding	Heat or machine manganese alloys		
Welding	Use manganese-containing welding rods		
Welding	Weld mild steel		
Welding	Gas weld or cut in a confined space		
Welding	Machine or weld on cadmium-alloyed or cadmium-plated steel		
Welding	Weld or machine on beryllium-containing alloys		
Welding	Decompose fluoropolymers by welding, burning, brazing, or soldering		
Wood preservation	Wood preservative application	Coal tar creosote	
Wood preservation	Wood preservative application	Outdoor wood sealers (generic)	
Wood preservation	Wood preservative application	Pentachlorophenol	
Wood preservation	Contaminate skin or inhale spray while using pentachlorophenol		
X-ray film processing	X-ray film processing	Photographic developer (generic)	
X-ray film processing	X-ray film processing	Photographic stop bath solution (generic)	
X-ray film processing	X-ray film processing	Photographic fixer solution (generic)	