|  |  |
| --- | --- |
| Minnesota Pollution Control Agency (MPCA), 520 Lafayette Road North, St. Paul, MN 55155-4194 | GI-09GRequirements: Risk management programs for chemical accidental release prevention (40 CFR pt. 68)Air Quality Permit ProgramDoc Type: Permit Application |

Facility information

|  |  |  |  |
| --- | --- | --- | --- |
| AQ Facility ID number: |       | Agency Interest ID number: |       |
| Facility name: |       |

If you produce, process, store or use any of the substances in excess of the threshold listed in the following table, you may be subject to the requirements under Section 112(r) of the Clean Air Act. After reviewing Table G, return to form GI-09 Requirements and answer question 8b.

**Table G**

**List of regulated toxic substances and threshold quantities for accidental release prevention (40 CFR 68.130)**

|  |  |  |
| --- | --- | --- |
| **Chemical Name** | **CAS No.** | **Threshold Quantity (lbs)** |
| Acrolein [2‑Propenal] | 107‑02‑8 | 5,000 |
| Acrylonitrile [2‑Propenenitrile] | 107‑13‑1 | 20,000 |
| Acrylyl chloride [2‑Propenoyl chloride] | 814‑68‑6 | 5,000 |
| Allyl alcohol [2‑Propen‑1‑ol] | 107‑18‑6 | 15,000 |
| Allylamine [2‑Propen‑1‑amine] | 107‑11‑9 | 10,000 |
| Ammonia (anhydrous) | 7664‑41‑7 | 10,000 |
| Ammonia (conc 20% or greater) | 7664‑41‑7 | 20,000 |
| Arsenous trichloride | 7784‑34‑1 | 15,000 |
| Arsine | 7784‑42‑1 | 1,000 |
| Boron trichloride [Borane, trichloro‑] | 10294‑34‑5 | 5,000 |
| Boron trifluoride [Borane, trifluoro‑] | 7637‑07‑2 | 5,000 |
| Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro[oxybis[metane]]‑, T‑4‑] | 353‑42‑4 | 15,000 |
| Bromine | 7726‑95‑6 | 10,000 |
| Carbon disulfide | 75‑15‑0 | 20,000 |
| Chlorine | 7782‑50‑5 | 2,500 |
| Chlorine dioxide [Chlorine oxide (ClO2)] | 10049‑04‑4 | 1,000 |
| Chloroform [Methane, trichloro-] | 67‑66‑3 | 20,000 |
| Chloromethyl ether [Methane, oxybis[chloro-] | 542‑88‑1 | 1,000 |
| Chloromethyl methyl ether [Methane, chloromethoxy-] | 107‑30‑2 | 5,000 |
| Crotonaldehyde [2‑Butenal] | 4170‑30‑3 | 20,000 |
| Crotonaldehyde, (E)‑ [2‑Butenal, (E)‑] | 123‑73‑9 | 20,000 |
| Cyanogen chloride | 506‑77‑4 | 10,000 |
| Cyclohexylamine [Cyclohexanamine] | 108‑91‑8 | 15,000 |
| Diborane | 19287‑45‑7 | 2,500 |
| Dimethyldichlorosilane [Silane, dichlorodimethyl‑] | 75‑78‑5 | 5,000 |
| 1,1‑Dimethylhydrazine [Hydrazine, 1,1‑dimethyl‑] | 57‑14‑7 | 15,000 |
| Epichlorohydrin [Oxirane, (chloromethyl)‑] | 106‑89‑8 | 20,000 |
| Ethylenediamine [1,2‑Ethanediamine] | 107‑15‑3 | 20,000 |
| Ethyleneimine [Aziridine] | 151‑56‑4 | 10,000 |
| Ethylene oxide [Oxirane] | 75‑21‑8 | 10,000 |
| Fluorine | 7782‑41‑4 | 1,000 |
| Formaldehyde (solution) | 50‑00‑0 | 15,000 |
| **Chemical Name** | **CAS No.** | **Threshold Quantity (lbs)** |
| Furan | 110‑00‑9 | 5,000 |
| Hydrazine | 302‑01‑2 | 15,000 |
| Hydrochloric acid (conc 30% or greater) | 7647‑01‑0 | 15,000 |
| Hydrocyanic acid | 74‑90‑8 | 2,500 |
| Hydrogen chloride (anhydrous) [Hydrochloric acid] | 7647‑01‑0 | 5,000 |
| Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid] | 7664‑39‑3 | 1,000 |
| Hydrogen selenide | 7783‑07‑5 | 500 |
| Hydrogen sulfide | 7783‑06‑4 | 10,000 |
| Iron, pentacarbonyl‑ [Iron carbonyl (Fe(CO)5), (TB‑5‑11)‑] | 13463‑40‑6 | 2,500 |
| Isobutyronitrile [Propanenitrile, 2‑methyl‑] | 78‑82‑0 | 20,000 |
| Isopropyl chloroformate [Carbonochloridic acid, 1‑methylethyl ester] | 108‑23‑6 | 15,000 |
| Methacrylonitrile [2‑Propenenitrile, 2‑methyl‑] | 126‑98‑7 | 10,000 |
| Methyl chloride [Methane, chloro‑] | 74‑87‑3 | 10,000 |
| Methyl chloroformate [Carbonochloridic acid, methylester] | 79‑22‑1 | 5,000 |
| Methyl hydrazine [Hydrazine, methyl‑] | 60‑34‑4 | 15,000 |
| Methyl isocyanate [Methane, isocyanato‑] | 624‑83‑9 | 10,000 |
| Methyl mercaptan [Methanethiol] | 74‑93‑1 | 10,000 |
| Methyl thiocyanate [Thiocyanic acid, methyl ester] | 556‑64‑9 | 20,000 |
| Methyltrichlorosilane [Silane, trichloromethyl‑] | 75‑79‑6 | 5,000 |
| Nickel carbonyl | 13463‑39‑3 | 1,000 |
| Nitric acid (conc 80% or greater) | 7697‑37‑2 | 15,000 |
| Nitric oxide [Nitrogen oxide (NO)] | 10102‑43‑9 | 10,000 |
| Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide] | 8014‑95‑7 | 10,000 |
| Peracetic acid [Ethaneperoxoic acid] | 79‑21‑0 | 10,000 |
| Perchloromethylmercaptan [Methanesulfenyl chloride, trichloro‑] | 594‑42‑3 | 10,000 |
| Phosgene [Carbonic dichloride] | 75‑44‑5 | 500 |
| Phosphine | 7803‑51‑2 | 5,000 |
| Phosphorus oxychloride [Phosphoryl chloride] | 10025‑87‑3 | 5,000 |
| Phosphorus trichloride [Phosphorous trichloride] | 7719‑12‑2 | 15,000 |
| Piperidine | 110‑89‑4 | 15,000 |
| Propionitrile [Propanenitrile] | 107‑12‑0 | 10,000 |
| Propyl chloroformate [Carbonochloridic acid, propylester] | 109‑61‑5 | 15,000 |
| Propyleneimine [Aziridine, 2‑methyl‑] | 75‑55‑8 | 10,000 |
| Propylene oxide [Oxirane, methyl‑] | 75‑56‑9 | 10,000 |
| Sulfur dioxide (anhydrous) | 7446‑09‑5 | 5,000 |
| Sulfur tetrafluoride [Sulfur fluoride (SF4), (T‑4)‑] | 7783‑60‑0 | 2,500 |
| Sulfur trioxide | 7446‑11‑9 | 10,000 |
| Tetramethyl lead [Plumbene, tetramethyl‑] | 75‑74‑1 | 10,000 |
| Tetranitromethane [methane, tetranitro‑] | 509‑14‑8 | 10,000 |
| Titanium tetrachloride [Titanium chloride (TiCl4) (T‑4)‑] | 7550‑45‑0 | 2,500 |
| Toluene 2,4‑diisocyanate [Benzene, 2,4‑diisocyanato‑1‑methyl‑] | 584‑84‑9 | 10,000 |
| Toluene 2,6‑diisocyanate [Benzene, 1,3‑diisocyanato‑2‑methyl‑] | 91‑08‑7 | 10,000 |
| Toluene diisocyanate (unspecified isomer) [Benzene, 1,3‑diisocyanatomethyl‑] | 26471‑62‑5 | 10,000 |
| Trimethylchlorosilane [Silane, chlorotrimethyl‑] | 75‑77‑4 | 10,000 |
| Vinyl acetate monomer [Acetic acid ethenyl ester] | 108‑05‑4 | 15,000 |