

Table 4

Toxic And/Or Corrosive, Nonflammable. Store these products in well-ventilated areas or in covered outdoor areas, but keep them off the ground and away from radiant heat sources. Cylinder temperature should not exceed 125 °F (52 °C).

Note: Nonflammable, Non-corrosive, Low Toxicity products listed in Table 1 can be safely stored together with Toxic and/or Corrosive, Nonflammable products listed in Table 4.

Ammonia
Boron Trichloride
Boron Trifluoride
Boron¹¹ Trifluoride
Chlorine
Hydrogen Bromide
Hydrogen Chloride

Sulfur Dioxide
Hydrogen Fluoride
Nitrogen Trifluoride
Nitrous Oxide
Phosphorous
Pentafluoride
Silicon Tetrachloride

Table 5

Spontaneously Flammable. Store these products in well-ventilated areas or in covered outdoor areas, but keep it off the ground and away from radiant heat sources. Keep combustible materials out of the storage area. Cylinder temperatures should not exceed 125°F (52°C).

Warning: Do not store Spontaneously Flammable products with products in any other hazard category.

Disilane
Silane
Trimethylboron

Table 6

Toxic. These products are very toxic. The slightest exposure to these products can kill. Preferably, store these toxic gases outdoors in a fenced-in area that has been locked and posted. This area must be covered with the cylinders kept off the ground and away from radiant heat sources. If stored indoors, toxic gas cylinders must be kept in well-ventilated areas. Cylinder temperatures should not exceed 125 °F (52 °C).

In addition to being toxic, arsine, diborane, and phosphine are also flammable. The storage area for flammable toxic gases should have electrical equipment conforming to Article 500 of the National Electrical Code. Space all ignition sources and combustible materials out of storage areas.

Warning: Do not store Toxic products with products in any other hazard category.

Arsine
Chlorine Trifluoride
Diborane
Diethyltelluride
Hydrogen Mixtures
Germane

Germanium Tetrafluoride
Hydrogen Selenide
Nitric Oxide
Nitrogen Dioxide
Phosphine
Tungsten Hexafluoride