



**UNIVERSITY OF
GEORGIA**

Research Safety

Office of Research

GASES THAT ARE PROHIBITED FROM PURCHASE WITH A P-CARD

(Please note, this list is not all-inclusive. It is maintained by the Office of Research Safety. The office can be contacted at 706-542-9088 with any questions or comments.)

Gas	CAS Number	Hazards
Ammonia	7664-41-7	Corrosive
Arsine	7784-42-1	Highly toxic, flammable, pyrophoric
Boron tribromide	10294-33-4	Toxic, corrosive
Boron trichloride	10294-34-5	Corrosive
Boron trifluoride	7637-07-2	Toxic, corrosive
Bromine	7726-95-6	Highly toxic, corrosive
Carbon monoxide	630-08-0	Toxic, flammable
Chlorine	7782-50-5	Toxic, corrosive, oxidizer
Chlorine dioxide	10049-04-4	Toxic, oxidizer
Chlorine trifluoride	7790-91-2	Toxic, oxidizer, corrosive
Diborane	19278-45-7	Highly toxic, flammable,
Dichlorosilane	4109-96-0	Toxic, corrosive

Ethylene oxide	75-21-8	Toxic, flammable
Fluorine	7782-41-4	Highly toxic, corrosive, oxidizer
Germane	7782-65-2	Highly toxic, flammable
Hydrogen bromide	10035-10-6	Toxic, corrosive
Hydrogen chloride	7647-01-0	Toxic, corrosive
Hydrogen cyanide	74-90-8	Highly toxic, flammable
Hydrogen fluoride	7664-39-3	Toxic, corrosive
Hydrogen iodide	10034-85-2	Toxic, corrosive
Hydrogen selenide	7783-07-5	Highly toxic, flammable
Hydrogen sulfide	7783-06-4	Toxic, flammable, corrosive
Methyl bromide	74-83-9	Toxic
Methyl isocyanate	624-83-9	Highly toxic, flammable
Methyl mercaptan	74-93-1	Toxic, flammable
Nickel carbonyl	13463-39-3	Highly toxic, flammable
Nitric oxide	10102-43-9	Highly toxic, oxidizer

Nitrogen dioxide	10102-44-0	Highly toxic, oxidizer, corrosive
Ozone	10028-15-6	Highly toxic, oxidizer
Phosgene	75-44-5	Highly toxic
Phosphine	7803-51-2	Highly toxic, flammable, pyrophoric
Phosphorus oxychloride	10025-87-3	Highly toxic, Water reactive
Phosphorus pentafluoride	7647-19-0	Toxic, oxidizer, corrosive
Phosphorus trichloride	7719-12-2	Toxic, corrosive
Selenium hexafluoride	7783-79-1	Highly toxic, corrosive
Silane	7803-62-5	Pyrophoric
Silicon tetrachloride	10026-04-7	Toxic, corrosive
Silicon tetrafluoride	7783-61-1	Toxic, corrosive
Stibine	7803-52-3	Highly toxic, flammable
Sulfur dioxide	7446-09-5	Toxic, corrosive
Sulfuryl fluoride	2699-79-8	Toxic, corrosive
Tellurium hexafluoride	7783-80-4	Highly toxic, corrosive
Titanium tetrachloride	7550-45-0	Highly toxic, corrosive
Tungsten hexafluoride	7783-82-6	Toxic, corrosive