



CHLORINE (Cl₂) CGA-660

A greenish-yellow, liquefied gas with a choking odor. May react violently with ammonia, hydrocarbons, and hydrogen.

Toxicity: Toxic. Extremely irritating and destructive to tissues; contact with the skin causes severe burns.

TWA: 0.5 ppm (ACGIH)

Fire Potential: Strong oxidizer

Compatible Materials: At normal temperatures, dry chlorine is non-corrosive. Moist chlorine is very corrosive and should be used with glass, Monel,

tantalum, or Hastelloy C.

Molecular Weight: 70.91

Specific Volume at 70°F and 1 atm: 5.39 ft³/lb

DOT Hazard Class: Poison Gas (2.3)

DOT Label: Poison Gas

DOT ID No.: UN 1017

CAS No.: 7782-50-5

***Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.**

Chlorine, Ultra High Purity Grade 3.0

Minimum Purity 99.9%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
060	02150060S	40 lbs.	85 P.S.I.	Liquid phase
150	02150150S	150 lbs.	85 P.S.I.	

Chlorine, High Purity Grade 2.5

Minimum Purity 99.5%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
060	02150060S	40 lbs.	85 P.S.I.	Liquid phase
150	02150150S	150 lbs.	85 P.S.I.	

CHLORINE REGULATOR-STAINLESS STEEL

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05382011C	Western	HSS1	0-25 Low Flow	Single Stage General Purpose Lab.
05382012C	Western	HSS2	0-50, 0-100, 0-250	Dual Stage High Purity Application



ETHANE (C₂H₆) CGA-350

A Colorless, odorless, flammable liquefied gas.

Toxicity: Simple asphyxiant; contact with liquid can cause frostbite.

Fire Potential: Flammable

Flammable Limits: 3-12.4%

Compatible Materials: Non-corrosive; Most common structural materials can be used.

Molecular Weight: 30.07

Specific Volume at 70°F and 1 atm: 12.76 ft³/lb

DOT Hazard Class: Flammable Gas (2.1)

DOT Label: Flammable Gas

DOT ID No.: UN 1035

CAS No.: 74-84-0

*Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.

ETHANE, C. P. Grade 2.0

Minimum Purity 99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities
060	04111060S	13 Pounds	543 P.S.I.	Methane < .5
244	04111244S	32 Pounds	543 P.S.I.	Acetylene < 1.0

ETHANE REGULATOR-DUAL STAGE REGULATOR

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390148C	Western	LM-	0-15 Low Flow	General Purpose Lab Gases
05390148C	Western	LMSS	0-45,0-100, 0-150	High Purity Instrument Application