

Transportation Information

UN Number: 1035



| Shipping Name | Ethane | Ethane | Ethane |
|---------------|---------------|---------------|---------------|
| Hazard Class | 2.1 | 2.1 | 2.1 |
| Label | Flammable Gas | Flammable Gas | Flammable Gas |

MSDS Reference

P-4592

CAS Number

74 - 84 - 0

General Description

Colorless, odorless, flammable, liquefied gas.

| Product/Grade | Purity | Part Number | Cylinder | H ₂ O | N ₂ | O ₂ | CO ₂ + CO | THC |
|---------------------------|---------|-------------|----------|------------------|----------------|----------------|----------------------|------|
| Research, 5.0 | 99.999% | ET 5.0RS | K, Q, G | 3 | 3 | 1 | 2 | 6 |
| Chemically Pure (CP), 2.0 | 99.0% | ET 2.0 | K, Q, G | 10 | 500 | 200 | 200 | 0.9% |

Concentrations given are ppm by volume unless otherwise specified. Maximum ppm unless otherwise noted.

Cylinders

| Cylinder Type | Style | Size in (cm) | Connection CGA | Pressure psig (bar) | Volume lb (kg) | Gross Weight lb (kg) |
|---------------|---------------------|-----------------------|----------------|---------------------|----------------|----------------------|
| K | High Pressure Steel | 51 x 9 (129.5 x 22.9) | 350 | 543 (37.44) | 32 (14.5) | 165 (75) |
| Q | High Pressure Steel | 31 x 7 (78.7 x 17.8) | 350 | 543 (37.44) | 11 (5.0) | 76 (35) |
| G | High Pressure Steel | 20 x 6 (50.8 x 15.2) | 350 | 543 (37.44) | 5 (2.3) | 36 (16) |

Equipment Recommendations

| | |
|---------------------------|-----------------------|
| Research, 5.0 | 3000 series regulator |
| Chemically Pure (CP), 2.0 | 2000 series regulator |



2012 Series – High Purity Economical Regulator for Non-Corrosive Service (see page E*256)



See Section D for additional information on Praxair products for the Hydrocarbon Processing Industry (pages D-175 - D-184).

See Sections F and G for safety and technical information.