

Transportation Information

UN Number: 1971



Shipping Name	Methane, Compressed	Methane, Compressed	Methane, Compressed
Hazard Class	2.1	2.1	2.1
Label	Flammable Gas	Flammable Gas	Flammable Gas

(M)SDS Reference

P-4618

CAS Number

74 - 82 - 8

General Description

Colorless, odorless, flammable gas.

Product/Grade	Purity	Part Number	Cylinder	O ₂	H ₂ O	N ₂	C ₂ H ₆	Other THC
Research, 5.0	99.999%	ME 5.0RS	T, K, Q	2	2	5	5	2
Ultra High Purity Plus, 4.0	99.99%	ME 4.0UP	T, K, Q	5	5	40	60	10
Ultra High Purity, 3.7	99.97%	ME 3.7UH	T, K, Q	10	5	100	-	250
Chemically Pure (CP), 2.0	99.0%	ME 2.0	T, K, Q	500	10	2000	-	8000
Commercial, 1.3	93.0%	ME 1.3	T, K, Q	-	-	-	-	-

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 ft ³ (m ³)	Gross Weight lb (kg)
T	High Pressure Steel	55 x 9.3 (139.7 x 23.5)	350	2400 (165)	346 (9.59)	162 (74)
K	High Pressure Steel	51 x 9 (129.5 x 22.9)	350	2000 (138)	255 (7.07)	144 (65)
Q	High Pressure Steel	31 x 7 (78.7 x 17.8)	350	2000 (138)	85 (2.36)	69 (31)

Equipment Recommendations

Research, 5.0	Valve panels, 4000 series regulators
Ultra High Purity Plus, 4.0	3000 series regulators
Ultra High Purity, 3.7	3000 series regulators
Chemically Pure (CP), 2.0	2000 series regulators
Commercial, 1.3	2000 series regulators



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).

Bulk quantities available upon request. Contact your Praxair representative for details.