

Propane



Transportation Information

UN Number: 1978



Shipping Name	Propane	Propane	Propane
Hazard Class	2.1	2.1	2.1
Label	Flammable Gas	Flammable Gas	Flammable Gas

MSDS Reference

P-4646

CAS Number

74 - 98 - 6

General Description

Colorless, flammable liquefied gas.

Product/Grade	Purity	Part Number	Cylinder	H ₂ O	N ₂	O ₂	Other THC	CO ₂	Isobutane	Sulfur
Research, 4.0	99.99 wt% (liquid phase)	PR 4.0RS	FX, LP5	3	10	2	90 wt	2	–	–
Instrument, 2.5	99.5 wt% (liquid phase)	PR 2.5IS	HT, FX/FXS, LP5	3	–	–	3000 wt	–	2000 wt	1 wt
Chemically Pure (CP), 2.0	99.0 wt% (liquid phase)	PR 2.0	HT, FX/FXS LP5	5	–	–	9000 wt	–	–	1 wt

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)
HT	Low Pressure Steel	55 x 29.8 (139.7 x 75.6)	510	109 (7.52)	420 (190.9)	735 (334)
FX/FXS	Low Pressure Steel	45 x 15 (114.3 x 38.1)	510, 555	109 (7.52)	100 (45.5)	175 (79.5)
LP5	Low Pressure Steel	17.7 x 12 (44.8 x 30.5)	510	109 (7.52)	20 (9)	40 (18.2)

Equipment Recommendations

Research, 4.0	3000 series regulators
Instrument, 2.5	2000 series regulators
Chemically Pure (CP), 2.0	2000 series regulators



2002 Series – High Purity Economical Regulator (see page E•257)



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

Praxair's extensive distribution network ensures on-time delivery.