

Transportation Information

UN Number: 1001



Shipping Name	Acetylene, Dissolved	Acetylene, Dissolved	Acetylene, Dissolved
Hazard Class	2.1	2.1	2.1
Label	Flammable Gas	Flammable Gas	Flammable Gas

(M)SDS Reference

P-4559

(M)SDS Reference for DMF Solvent

P-6201

CAS Number

74 - 86 - 2

General Description

Colorless, highly flammable gas.

Name	Grade	Part Number	Cylinder	O ₂ + CH ₄	PH ₃	N ₂	O ₂ + Ar	CO	CO ₂	CH ₄	C ₂ H ₆	C ₃ H ₈
Atomic Absorption	99.6%	AC 2.6AA	A5	4000 ppm	20 ppm	-	-	-	-	-	-	-
Semiconductor	99.95%	AC 3.5AHM ⁽¹⁾	A420	-	-	300	100	20	20	20	20	20

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

⁽¹⁾ DMF Solvent

Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA	Pressure psig (bar)	Volume ft ³ (m ³)	Gross Weight lb (kg)
A5	Low Pressure Steel	51 x 12 (130 x 30)	510	250 (17.24)	360 (10.19)	207 (94)
A420	Low Pressure Steel	51 x 12 (130 x 30)	510	250 (17.24)	420 (11.89)	207 (94)

Equipment Recommendations



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



See Section D for Praxair's complete line of instrument support gases and mixtures (pages D•214 - D•218).

See Sections F and G for safety and technical information.