

## 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 <sub>2</sub> + CH <sub>4</sub>	PH <sub>3</sub>	N <sub>2</sub>	O <sub>2</sub> + Ar	CO	CO <sub>2</sub>	CH <sub>4</sub>	C <sub>2</sub> H <sub>6</sub>	C <sub>3</sub> H <sub>8</sub>
Atomic Absorption	99.6%	AC 2.6AA	A5	4000 ppm	20 ppm	-	-	-	-	-	-	-
Semiconductor	99.95%	AC 3.5AHM <sup>(1)</sup>	A420	-	-	300	100	20	20	20	20	20

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

<sup>(1)</sup> DMF Solvent

## Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA	Pressure psig (bar)	Volume ft <sup>3</sup> (m <sup>3</sup> )	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.