

ACETYLENE / C₂H₂



Air Liquide produces and delivers acetylene throughout Europe in total safety in a mode of supply to suit our customer's needs: cylinder or bundle

Applications

Welding, cutting and coating.
Glass industry: automatic lubrication for glass bottle production moulding
Flame Spraying
Production moulding

Transport information

Dissolved Gases

Proper shipping name	Acetylene, dissolved
UN-Nr	1001
ADR/RID	Class 2
	Classification code 4 F



Safety Data Sheets

Compressed gas : SDS_001_CLP
Access:
https://drive.google.com/open?id=1cUSN0cM3rt03z8zTa_C7TiQKak8oqjpY&usp=drive_copy

Physical information

Molecular weight	26 g/mol
Relative density:	
Relative density, gas	0,9 (air=1)
Colour	Colorless
Odor	Garlic like Poor warning properties at low concentrations
CAS number	74-86-2

Properties

Hazards identification: Asphyxiation in high concentrations; narcotic

Flammability range: Highly flammable; risk of explosion

Personal protection: Ensure adequate ventilation. Wear suitable hand, body and head protection. Wear goggles with suitable filter lenses when use is cutting/welding. Do not smoke while handling product.



Cylinder equipment

Valve fittings

BS341 No4

Shoulder colour:

Maroon (RAL 3009)



Product Specifications

Global purity (% Vol. abs) <u>C₂H₂</u>	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	-	Cylinder	5L	NS	0,8 m3	I1901S05R0A001
		Cylinder	5L	NS	0,82 m3	I1901S05R0C001
		Cylinder	10L	NS	1,55 m3	I1901S10R0A001
		Cylinder	10L	NS	1,55 m3	I1901S10R0C001
		Cylinder	20L	NS	3,46 m3	I1901M20R0A001
		Cylinder	42L	NS	6,30 m3	I1901L42R0A001
		Cylinder	50L	NS	8,50 m3	I1901L50X0A001
		Cylinder	58L	NS	8,50 m3	I1901L58X0A001
		Cylinder	50L	< 99 bar	9,1kg	I1901L51R0A001

Additional information

(*) Maximum filling pressure: 19 bar at 15°C.

Impurities :

H₂O <100 ppm,

O₂ < 10 ppm,

H₂S <10 ppm,

Sum of C₂+ C₃< 4000 ppm,

DMF < 2000 ppm

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