

ACETYLENE 2.6 / C₂H₂



Air Liquide's Gas Encyclopedia - Pages: 403 - 424

Applications

Instrumentation Gas: Spectroscopy

AA Spectroscopy

Fuel Gas

Transport information

Dissolved Gases

Proper shipping name	Acetylene, dissolved
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UN-Nr 1001

ADR/RID Class 2

Classification code 4 F



Safety Data Sheets

Dissolved gas : SDS-001-CLP

Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-001_CLP_Acetylene_\(dissolved\)\(74-86-2\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-001_CLP_Acetylene_(dissolved)(74-86-2).pdf)

Physical information

Molecular weight	26,04 g/mol
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Relative density:

Relative density, gas 0,9 (air=1)

Relative density, liquid	Not applicable
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Colour Colorless

Odor	Garlic like Poor warning properties at low concentrations
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CAS number	74-86-2
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Properties

Hazards identification: Highly flammable



Cylinder equipment

Valve fittings

BS341 - No 4

Shoulder colour:

Brown (RAL 8008)



Product Specifications

Purity	Impurities		Supply mode	Packaging size	Pressure	Capacity	Product reference
C ₂ H ₂							
≥ 99,6 %	N ₂	≤ 0,4 %	Cylinder	50L		7,5 kg	P0470L50R0A001
	PH ₃	≤ 1 ppm					
	H ₂ S	≤ 1 ppm					

Additional information

Storability: 36 months

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