

ALPHAGAZ™ 1 ACETYLENE / C₂H₂



ALPHAGAZ™, the simple solution to enhance your analytical performance
ALPHAGAZ™ 1, the commitment to quality for % to ppm analysis

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

Applications

Flame gas (AAS)

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 : N° EIGA001
 Access: <https://be.airliquide.com/>

Physical information

Molecular weight	26,04 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: May cause or intensify fire; oxidizer.

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

Cylinder: H, WW 22.91 x 1.814 left-hand male

Shoulder colour:

Maroon (RAL 3009)



Product Specifications

Global purity (% mol)	Impurities (ppm-mol except N ₂ : %)	Supply mode	Packaging size	Pressure	Capacity	Product reference
C ₂ H ₂						
≥ 99,6 %	N ₂ ≤ 0.4 %	Cylinder	36L	15 bar	5,5 kg	P0031L36R0A001
	H ₂ S ≤ 1					
	PH ₃ ≤ 1					

Additional information

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

Shelf life: 60 months

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