

ALPHAGAZ 1 ACETYLENE



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



ALPHAGAZ, the simple solution to enhance your analytical performance

● Application

Flame gas (AAS)

● Transport information

Dissolved gas

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



● Safety Data Sheet

Access: www.airliquide.no

● Physical information

Molecular weight 26.04 g/mol
 Relative density, gas 0.9 (air=1)
 Odor Garlic like
 Poor warning properties at low concentrations
 CAS number 74-86-2

● Properties

Hazards identification: extremely flammable
 Flammability range: 2.4 to 83 Vol% in air
 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 :
 G 3/4", right, internal thread, DIN 9
 SMARTOP: G 3/4", right, internal thread, DIN 9
 ALTOP: G 3/4", left, internal thread, DIN 9
 Shoulder colour: maroon (RAL 3009)



● Product Specifications

Global purity (% mol)	Impurities (ppm-mol)	Supply mode	Packaging size	Pressure (bar)	Capacity (kg)	Product reference
C_2H_2						
≥ 99.6	N ₂ ≤ 0,4 % mol	Cylinder	M20 Smartop	(*)	2.7	P0031M20S0A001
	PH ₃ (Phosphine) ≤ 1	Cylinder	L52	(*)	8	P0031L52Z0A001
	H ₂ S ≤ 1					

(*) Maximum filling pressure: 19 bar at 15°C
 Shelf life: 60 months

DISCLAIMER

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