

ALPHAGAZ 1 HELIUM



ALPHAGAZ, the simple solution to enhance your analytical performance

ALPHAGAZ 1, the commitment to quality for % to ppm analysis

● Applications

- Carrier gas (GC)
- Instrumentation gas (LCMS, Elemental analysis...)
- Purge (TOC, Thermal analysis)
- Zero gas

● Transport information

Compressed gas

- | | |
|----------------------|-------------------------|
| Proper shipping name | Helium, compressed |
| UN Nr | 1046 |
| ADR/RID | Class 2 |
| | Classification Code 1 A |



● Safety Data Sheet

Access: www.airliquide.no

● Physical information

- Molecular weight 4 g/mol
- Relative density, gas 0.14 (air=1)
- Relative density, liquid N/A (water=1)
- CAS number 7440-59-7

● Properties

- Hazards identification: in high concentrations may cause asphyxiation
- Flammability range: non flammable
- Personal protection: ensure adequate ventilation

● Cylinder equipment

- Valve fittings :
W 24.32 x 1/14", right, external thread, DIN 10
SMARTOP: W 24.32 x 1/14", right, external thread, DIN 10
- Shoulder colour: brown (RAL 8008)



● Product Specifications

Global purity (% mol)	Impurities (ppm-mol)	Supply mode	Packaging size	Pressure (bar)	Capacity (m ³)	Product reference
He						
≥ 99.999	H ₂ O ≤ 3	Cylinder	S10	200	1.9	P0251S10R2A001
	O ₂ ≤ 2	Cylinder	L50 Smartop	200	9.3	P0251L50S2A001
	C _n H _m ≤ 0.5					

Product recommended for analysis from % to ppm
Shelf life: 60 months

DISCLAIMER

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