

ALPHAGAZ™ 1 HELIUM / He



Air Liquide's Gas Encyclopedia - Pages: 989 - 998

Applications

Instrumentation Gas: Chromatography Carrier Gas

Transport information

Compressed gas cylinders

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



Safety Data Sheets

Compressed gas : SDS-061A-CLP

Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-061A-CLP_Helium\(7440-59-7\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-061A-CLP_Helium(7440-59-7).pdf)

Physical information

Molecular weight	4 g/mol
Relative density:	
Relative density, gas	0,14 (air=1)
Relative density, liquefied Gas	N/A (water=1)
Colour	Colorless
Odor	Odorless
CAS number	7440-59-7

Properties

Hazards identification: Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

Flammability range: Non-flammable



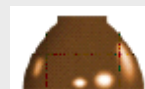
Cylinder equipment

Valve fittings

BS341 - No 3

Shoulder colour:

Brown (RAL 8008)



Product Specifications

Global purity (% Vol. abs) He	Impuretés (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,999 %	H ₂ O	≤ 2 ppm	Cylinder	50L SMARTOP	200 bar	9 m3	P0251L50S2A001
	O ₂	≤ 2 ppm					
	CnHm	≤ 0,5 ppm					
	CO	≤ 0,5 ppm					
	CO ₂	≤ 0,5 ppm					

Additional information

Storability: 60 months

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