

HELIUM / He



Leader on the European market, thanks to a portfolio of diverse sources, Air Liquide offers reliable, enduring and safe helium product delivery everywhere in Europe

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

Applications

Balloons inflating
Leak detection

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://drive.google.com/open?id=1xz0aN18f1C9AsO3oWPNjKoaNM_JwWeja&usp=drive_copy

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 No3

Bundle valve fitting : BS341 No3 / NEVOC

Shoulder colour:

Brown (RAL 8008)



Product Specifications

Global purity (% Vol. abs) He	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 95 %		Cylinder	10L	200 bar	1,80 m3	I6001S10R2A001
		Cylinder	20L	200 bar	3,60 m3	I6001M20R2A001
		Cylinder	47L	200 bar	8,64 m3	I6001L47R2A001

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