

## 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 : N° EIGA061A  
Access: <https://be.airliquide.com/>

### Physical information

Molecular weight	4 g/mol
Relative density:	
Relative density, gas	0.14 (air=1)
Relative density, liquid	N/A (water=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

**Personal protection:** Ensure adequate ventilation. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



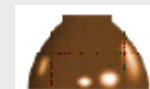
### Cylinder equipment

#### Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand male

#### Shoulder colour:

Brown (RAL 8008)



## Product Specifications

Global purity (% Vol. abs)		Supply mode	Packaging size	Pressure	Capacity	Product reference
He						
≥ 95,00 %		Cylinder	20L	200 bar	3,6 m <sup>3</sup>	I6001M20R2A001
		Cylinder	50L	200 bar	9,1 m <sup>3</sup>	I6001L50R2A001
(typical value)						

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