

LASAL™ 4 / He



LASAL™ is the Air Liquide brand for laser applications

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

Applications

CO2 laser cavity gas
He High Purity

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://offshore-energies.airliquide.com/sites/aloffshore/files/2022-05/helium.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

Personal protection: Ensure adequate ventilation



Cylinder equipment

Valve fittings

BS 341 No. 3

Shoulder colour:

Brown (RAL 8008)



Product Specifications

Global purity (% Vol. abs) He	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,996 %	H ₂ O (5 bar)	≤ 5	Cylinder	50L	200 bar	9,80 m3	I6520L50R2A001
	CnHm	≤ 1	Bundle	V12*50L	300 bar		I6520V12R3A001
			Bundle	V12*50L	200 bar		I6520V12R2A001

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