

LASAL™ 1 / N₂



LASAL™ is the Air Liquide brand for laser applications

Air Liquide's Gas Encyclopedia - Pages: 1019 - 1052

Applications

CO2 laser cavity gas
CO2 High Purity

Transport information

Compressed gas cylinders

Proper shipping name	Nitrogen, compressed
UN-Nr	1066
ADR/RID	Class 2 Classification code 1A



Safety Data Sheets

Compressed gas : N° EIGA089A-LAS
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	28.01 g/mol
Relative density:	
Relative density, gas	0.97 (air=1)
Relative density, liquid	0.8 (water=1)
Relative density, liquefied Gas	0.8 (water=1)
Colour	Colorless
Odor	Odorless
CAS number	7727-37-9

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:

Black (RAL 9005)



Product Specifications

Global purity (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
N ₂						
≥ 99,999 %	H ₂ O (5 bar) ≤ 5	Cylinder	50L	200 bar	10 m ³	I6501L50R2A001
	CnHm ≤ 1					

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