

LASAL™ 2001 (N2) / N₂



LASAL™ is the Air Liquide brand for laser applications

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

Applications

Laser cutting gas
Laser quality Nitrogen

Transport information

Compressed gases

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

Refrigerated Gases

Proper shipping name	Nitrogen, refrigerated liquid
UN-Nr	1977
ADR/RID	Class 2
	Classification code 3A



Safety Data Sheets

Compressed gas : SDS-089A-CLP

Access:

https://drive.google.com/open?id=1jhbMH2kDvndAxqpYKGolwfPrBSH9IMmx&usp=drive_copy

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: Asphyxiation in high concentrations

Flammability range: Non-flammable

Personal protection: Ensure adequate ventilation



Cylinder equipment

Valve fittings

BS 341 No. 3
NEVOC

Shoulder colour:

Black (RAL 9005)



Product Specifications

Global purity (% Vol. abs) N ₂	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,999 %	H ₂ O (5 bar) ≤ 5	Bundle	V16*50L	300 bar	208,80 m3	I6530V16R3A001
		Bundle	V12*50L	300 bar		I6530V12R3A001
		Bundle	V12*50L	200 bar		I6530V12R2A001

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