

LASAL™ 2001 / 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 : N° EIGA089A-LAS
Access: <https://be.airliquide.com/>
Refrigerated gas : N° EIGA089B-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: Asphyxiation 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

Bundel : WW 1 1/8 right hand, male

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	V12*50L	200 bar	120 m ³	I6530V12R2A001
		Bundle	V16*50L	300 bar	204,8 m ³	I6530V16R3A001
		Bundle	V24*50L	200 bar	240 m ³	I6530V24R2A001
		Bundle	H27*50L	200 bar	270 m ³	I6530H27R2A001
		Liquid	-			I4140RG

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