

LASAL 2001



LASAL is the Air Liquide brand for laser applications

● **Application**

Laser cutting

● **Transport information**

Compressed gas

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

Refrigerated gas

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



● **Physical information**

Molecular weight 28.01 g/mol
 Relative density, gas 0.97 (air=1)
 Relative density, liquid 0.8 (water=1)
 CAS number 7727-37-9

● **Properties**

Hazards identification: in high concentrations may cause asphyxiation
 Flammability range: non flammable
 Personal protection: ensure adequate ventilation

● **Cylinder equipment**

Valve fittings :
 W 24.32 x 1/14", right, external thread, DIN 10
 Shoulder colour: black (RAL 9005)



● **Safety Data Sheets**

Access: www.airliquide.no

● **Product Specifications**

Global purity (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	Capacity (m ³)	Product reference
N ₂						
≥ 99.999	H ₂ O (5 bar) ≤ 5	Cylinder	L50	200	9.7	I6530L50R2A001
		Bundle	H10	200	97.1	I6530H10R2A001
		Bundle	V12	200	116.5	I6530V12R2A001
		Liquid				I4140RG

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