

# LASAL 81



**LASAL** is the Air Liquide brand for laser applications

## ● Application

CO2 laser cavity gas

## ● Transport information

### Compressed gas

Proper shipping name

UN Nr

ADR/RID

Compressed gas, N.O.S.

1956

Class 2

Classification Code 1 A



## ● Safety Data Sheet

Access: [www.airliquide.no](http://www.airliquide.no)

## ● Physical information

Relative density, gas . . . . . lighter or similar to air

Colour . . . . . colourless gas

Odor . . . . . none

## ● Properties

Hazards identification: in high concentrations may cause asphyxiation

Flammability range: non flammable

Personal protection: ensure adequate ventilation

## ● Cylinder equipment

Valve fittings :

W 21.8 x 1/14", left, external thread, DIN 1

Shoulder colour: bright green (RAL 6018)



## ● Product Specifications

Components (% Vol. abs)		Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	Capacity (m³)	Product reference
H <sub>2</sub>	0.27% ± 0.01%	H <sub>2</sub> O (5 bar) ≤ 5	Cylinder	L50	200	9.6	I6675L50R2A001
CO <sub>2</sub>	3.875% ± 0.12%	C <sub>n</sub> H <sub>m</sub> ≤ 1					
N <sub>2</sub>	15% ± 0.2%						
He	Balance						

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