

# CO<sub>2</sub> N50 / CO<sub>2</sub>



Air Liquide's Gas Encyclopedia - Pages: 333 - 368

## Applications

Chemical synthesis  
R&D

## Transport information

### Liquified Gases

Proper shipping name	Carbon Dioxide
UN-Nr	1013
ADR/RID	Class 2
	Classification code 2A



## Safety Data Sheets

Compressed gas : N° EIGA018A  
Access: <https://be.airliquide.com/>

## Physical information

Molecular weight	44 g/mol
Relative density:	
Relative density, gas	1.52 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	124-38-9

## Properties

**Hazards identification:** Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

**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:

Grey (RAL 7037)



## Product Specifications

Global purity (% Vol. abs) CO <sub>2</sub>	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,999 %	H <sub>2</sub> O ≤ 2	Cylinder	13L	49.5 bar	7,5 kg	P1209S13R0A001
	O <sub>2</sub> ≤ 0.5	Cylinder	50L	49.5 bar	20 kg	P1209L50R0A001
	N <sub>2</sub> ≤ 2					
	CO ≤ 0.5					
	CnHm ≤ 3					
	CH <sub>4</sub> ≤ 1					
	H <sub>2</sub> ≤ 0.1					

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