



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

Applications

Chemical synthesis
Cryogenic fluid
Inerting agent
Protective atmosphere (welding,...)
Acidification agent

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 ₂	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity (kg)	Product reference
99,7 %	H ₂ O (5 bar) ≤ 10	Cylinder	13L	49.5 bar	10 kg	I5122S13R0A001
	O ₂ ≤ 1000	Cylinder	13L DIP TUBE	49.5 bar	10 kg	I5122S13T0A001
	N ₂ ≤ 4000	Cylinder	27L	49.5 bar	20 kg	I5122L27R0A001
		Cylinder	27L DIP TUBE	49.5 bar	20 kg	I5122L27T0A001
		Cylinder	50L	49.5 bar	37 kg	I5122L50R0A001
		Cylinder	50L DIP TUBE	49.5 bar	37 kg	I5122L50T0A001
		Cylinder	50L Indic.	49.5 bar	37 kg	I5122L50U0A001

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