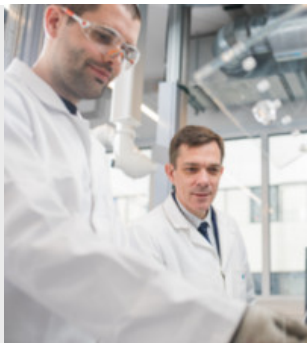


## CO2 N45 / CO<sub>2</sub>



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

### Applications

Chemical synthesis  
R&D

### Transport information

#### Liquified Gases

Shipping Type	Carbon Dioxide
UN-Nr	1013
ADR/RID	Class 2
	Classification code 2A



### Safety Data Sheets

Compressed gas : N° EIGA018A  
Access: <http://www.airliquide-benelux.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.

**Flammability range:** Non-flammable

**Personal protection:** Ensure adequate ventilation



### 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
≥ 99,995 %	H <sub>2</sub> O ≤ 7					
	O <sub>2</sub> ≤ 10					
	N <sub>2</sub> ≤ 25					
	CO ≤ 2					
	CnHm ≤ 5					
	H <sub>2</sub> ≤ 1					

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