

CO₂ 2.5 / CO₂



Applications

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

Transport information

Compressed gases

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



Safety Data Sheets

Compressed gas : SDS- 18A-CLP

Access:

<https://drive.google.com/file/d/1QQ7MyFxPg4PfFfYHazo8f62AJuSLK9HQ/view>

Physical information

Molecular weight	44,01 g/mol
Relative density:	
Relative density, gas	1,52 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	124-38-9

Properties

Hazards identification: risk of asphyxiation at high concentration

Flammability range: Non-flammable



Cylinder equipment

Valve fittings

BS341 No. 8

Shoulder colour:

Grey (RAL 7037)



Product Specifications

Global purity (% Vol. abs) CO ₂	Impurities (ppm-v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H ₂ O	≤ 500	Cylinder	10L	< 99 bar	6,35 kg	I5400S10R0A001
	NO/NO ₂	≤ 1	Cylinder	10L DIP TUBE	< 99 bar	6,35 kg	I5400S10T0A001
	Oil	≤ 5	Cylinder	30L	< 99 bar	12,1 kg	I5400L30R0A001
	Test subst. Resid.	≤ 2000	Cylinder	20L	< 99 bar	14,4 kg	I5400M20R0A001
	total content of sulfur component	≤ 0,5	Cylinder	47L	< 99 bar	34 kg	I5400L47R0A001
			Cylinder	47L TP	< 99 bar	34 kg	I5400L47T0A001
			Bundle	V06*47L	< 99 bar	204 kg	I5400V06Z0A001
			Bundle	V12*50L DIP TUBE	< 99 bar	240,9 kg	I5400V12T0A001
			Bundle	V20*50L	< 99 bar	240,9 kg	I5400V20T0A001
			Bundle	V12*47L	< 99 bar	408 kg	I5400V12Z0A001
			Bundle	V16*47L	< 99 bar	544 kg	I5400V16Z0A001

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