

CARBON DIOXIDE HP



TIGCS delivers Carbon dioxide in a mode of supply to suit each of our customer's needs: cylinder, liquid container or bulk

• Applications

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

• Transport information

Liquefied gas

Proper shipping name Carbon dioxide
UN Nr 1013
ADR/RID Class 2 Classification Code 2 A

Refrigerated gas

Proper shipping name Carbon dioxide, refrigerated liquid
UN Nr 2187
ADR/RID Class 2 Classification Code 3 A



• Safety Data sheets

Access:

• Product Specification

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Capacity (KG)
CO2				
≥ 99.5%	H2O ≤ 25	Cylinder	47L	25
		Pack 16	47L	400

*Typical capacities of the product are guaranteed for each cylinder in particular.

• Physical information

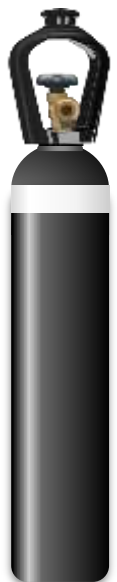
Molecular weight 44.01 g/mol
Relative density, gas 1.52 (air=1)
Relative density, liquid
Liquefied gas 0.82 (water=1)
Refrigerated gas 1.03 (water=1)
CAS number 124-38-9

• Properties

Hazards identification: in high concentrations may cause asphyxiation
Flammability range: non flammable
Personal protection: ensure adequate ventilation

• Cylinder equipment

Valve: CGA 320
Cylinder color: Black



DISCLAIMER

The information contained in this Product Sheet is of a general nature and does not take into account any specific or local condition or regulation and shall neither be considered as recommendations. TIGCS assumes no liability or responsibility regarding the information contained in this Product Sheet, the completeness of this document, for the use of the information or consequences of such use, and disclaims all warranties (direct or indirect) of any kind.