

Carbon Dioxide (CO₂)

Overview:

A non-flammable, colorless, odorless gas. Found in air at concentrations of about 0.03%, It's used as a shielding gas in the arc welding process. Carbon dioxide is the source of the bubbles in soft drinks and other carbonated beverages. It's used to fill certain types of fire extinguishers. In addition to its "inert" properties, carbon dioxide, as dry ice, is used to freeze a variety of foods.

Purity Specification	Min. Purity	Impurities
Industrial Grade	>99.5%	<0.5%
Medical / Food Grade	>99.9%	<0.1%

NFPA Rating			
1	0	0	

Hazard Sign



Product Details	Products Specifications					Cylinder Information			
	Cylinder Size	Cylinder Volume	Contents	Standard Valve -- Outlet (CGA)	Product Number	Purity	CAS Number	Cylinder Color	Identification Number
Industrial Grade	K	40 Ltr.	25 KG	320	DG006G	>99.5%	124-38-9	Silver	UN 1013
Medical / Food Grade	E	5 Ltr.	2.5 KG	320/Pin 940	DG006G	>99.9%	124-38-9	Silver with one red ID	UN 1013
	K	40 Ltr.	25 KG	320	DG006G	>99.9%	124-38-9	Silver with one red ID	UN 1013

* Certificate of Conformance will be provided upon request.

Technical Data & Transporting Information

Appearance	Colorless gas.
Odor	Odorless. It is felt by some to have a slight, pungent odor and biting taste.
Physical State	Gas at normal temperature and pressure.
Melting Point at 1 atm	-78.5°C (109.3°F)
Boiling Point at 1 atm	-78.4°C (109.12°F)
Flammability	Nonflammable.
DOT Name	Carbon Dioxide
DOT Hazard Class	2.2
DOT Label	Nonflammable Gas
Molecular Formula	CO ₂

Cylinder Color

