



## Cylinder Gas High Purity Best Price Factory Hot Sell CO2 Gas Carbon Monoxide

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Co
- Minimum Order Quantity: 1 m3
- Price: US \$8/m3
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year



#### Product Specification

- Product Name: Carbon Monoxide
- Melting Point: -205°C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Valve: Qf-30A/Cga350
- Cylinder Standard: GB/ISO/DOT
- Boiling Point: -191.5°C
- Appearance: Colorless, Odorless
- Transport Package: 40L, 47L, 50L Etc.
- Specification: 40L, 47L, 50L Etc.
- Trademark: CMC
- Origin: China
- HS Code: 2811290090
- Supply Ability: 10000cyl/Month
- CAS No.: 10102-43-9
- Formula: Co



#### More Images



## Product Description

### Product Description

Carbon monoxide (CO) gas is a colorless, odorless, and tasteless gas composed of one carbon atom bonded to one oxygen atom. It is a highly toxic gas and can be produced through incomplete combustion of carbon-containing fuels. Here are some key points about carbon monoxide gas:

Chemical Formula: CO

Molecular Weight: 28.01 g/mol

Structure: Carbon monoxide consists of a triple bond between the carbon and oxygen atoms.

Formation: Carbon monoxide can be formed during the incomplete combustion of carbon-based fuels such as natural gas, gasoline, coal, wood, and oil. It is produced when there is insufficient oxygen present to form carbon dioxide (CO<sub>2</sub>).

Toxicity: Carbon monoxide is highly toxic to humans and animals. When inhaled, it binds to hemoglobin in the blood, reducing its ability to carry oxygen. This can lead to tissue damage, organ failure, and even death. Carbon monoxide poisoning is a serious health concern and can occur in enclosed spaces with poor ventilation, such as houses, garages, or vehicles.

Sources: Carbon monoxide can be released from various sources, including vehicle exhaust, malfunctioning fuel-burning appliances (e.g., furnaces, water heaters, stoves), fireplaces, generators, and tobacco smoke.

Detection: Due to its odorless and colorless nature, carbon monoxide is difficult to detect without proper equipment. Carbon monoxide detectors are essential safety devices that can alert occupants to the presence of the gas and trigger alarms in case of high concentrations.

Combustion Byproduct: Carbon monoxide is a byproduct of many combustion processes. In well-ventilated areas, it typically undergoes further oxidation to form carbon dioxide (CO<sub>2</sub>), which is much less toxic.

Environmental Impact: Carbon monoxide is also considered an air pollutant. It can contribute to the formation of ground-level ozone and smog, as well as have adverse effects on air quality and human health, particularly in areas with high traffic or industrial emissions.

Safety Precautions: To prevent carbon monoxide poisoning, it is important to ensure proper ventilation and regular maintenance of fuel-burning appliances. Carbon monoxide detectors should be installed in homes and other enclosed spaces, and any suspected leaks or malfunctions should be addressed immediately.

If you suspect a carbon monoxide leak or encounter symptoms of carbon monoxide poisoning (such as headache, dizziness, nausea, or confusion), it is crucial to seek fresh air immediately and contact emergency services.

#### Basic Info.

Molecular Weight	28.0101	Density	1.2504G/L
Melting Point	-205°C	Boiling Point	-191.5°C
Appearance	Colorless,Odorless	Un No.	1016
DOT Class	2.1&2.3	Valve	QF-30A/CGA350
Cylinder Standard	GB/ISO/DOT	Cylinder Pressure	12.5Mpa/15Mpa/20Mpa
Transport Package	40L,47L,50L etc	Specification	99.9%
Trademark	CMC	Origin	China
HS Code	2811290090	Production Capacity	10000cyl/Month

#### Specification:

CAS No.: 630-08-0

EINECS No.: 211-128-3

UN No.: UN1016

Purity: 99.9%-99.999%

Dot Class: 2.1 & 2.3

Appearance: Colorless

Grade Standard: Industrial Grade

#### CO - Carbon Monoxide 99.9 %

H <sub>2</sub>	≤5 ppm
O <sub>2</sub>	≤50 ppm
N <sub>2</sub>	≤450 ppm
CO <sub>2</sub>	≤30 ppm
CH <sub>4</sub>	≤20 ppm
H <sub>2</sub> O	≤5 ppm
Total Impurity	≤1000 ppm

#### Detailed Photos









**Packaging & Shipping**

Product	Carbon Monoxide	
Package Size	40Ltr Cylinder	50Ltr Cylinder
Filling Content/Cyl	6 m3	10 m3
QTY Loaded in 20' Container	250 Cyls	250 Cyls
Total Volume	1500 m3	2500 m3
Cylinder Tare Weight	50Kgs	55Kgs
Valve	QF-30A /CGA 350	

Company Profile

## About us



Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc., Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe. Our products mainly include: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.


SiCl <sub>4</sub>	NH <sub>3</sub>	NH <sub>3</sub>	CH <sub>3</sub> F	SiH <sub>4</sub>	Kr	H <sub>2</sub> S	WF <sub>6</sub>	F <sub>6</sub> +Cl <sub>2</sub>
4MS	C <sub>3</sub> F <sub>8</sub>	C <sub>3</sub> F <sub>8</sub>	TEOS	CH <sub>4</sub>	PH <sub>3</sub>	SF <sub>6</sub>	C <sub>2</sub>	HCl+Ne
CF <sub>4</sub>	C <sub>4</sub> F <sub>8</sub>	SiH <sub>2</sub>						TMB+H <sub>2</sub>
SiF <sub>4</sub>	C <sub>3</sub> H <sub>8</sub>	Cl <sub>2</sub>						He +As
BBr <sub>3</sub>	C <sub>3</sub> H <sub>6</sub>	DCE						Ge+Se
POCl <sub>3</sub>	N <sub>2</sub>	SO <sub>2</sub>						D+B
BCl <sub>3</sub>	D <sub>2</sub>	CO <sub>2</sub>						CO+NO
SiHCl <sub>3</sub>	CH <sub>2</sub> F <sub>2</sub>	HF						Ar+O <sub>2</sub>
TMAI	DMZn	DEZn						Xe+NO
			AsH <sub>3</sub>	C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>2</sub>	HBr	COS	
			GeH <sub>4</sub>	C <sub>2</sub> H <sub>6</sub>	B <sub>2</sub> H <sub>6</sub>	H <sub>2</sub> Se	GeCl <sub>4</sub>	



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