



## High Purity Carbon Monoxide Co Best Price Cylinder 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 Gas
- Melting Point: -205°C
- Appearance: Colorless, Odorless
- Boiling Point: -191.5°C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Valve: Qf-30A/Cga350
- Cylinder Standard: GB/ISO/DOT
- Transport Package: 40L, 47L, 50L Etc.
- Specification: 40L, 47L, 50L Etc.
- Trademark: CMC
- Origin: China
- HS Code: 2811290090
- CAS No.: 10102-43-9
- Formula: Co
- EINECS: 211-128-3



### More Images



## Product Description

### Product Description

Carbon monoxide (CO) gas is a colorless, odorless, and highly toxic gas. It is formed by the incomplete combustion of carbon-containing fuels, such as gasoline, natural gas, coal, or wood. Here are some key points about carbon monoxide gas:

**Chemical Composition:** Carbon monoxide is composed of one carbon atom bonded to one oxygen atom (CO).

**Properties:** Carbon monoxide possesses several important properties:

**Colorless and Odorless:** Carbon monoxide is invisible and has no distinct smell, taste, or color, making it difficult to detect without proper monitoring equipment.

**High Toxicity:** Carbon monoxide is highly toxic to humans and animals. It binds to hemoglobin in the blood, reducing its ability to carry oxygen, leading to carbon monoxide poisoning.

**Flammability:** Carbon monoxide is flammable and can ignite in the presence of a flame or spark, forming carbon dioxide (CO<sub>2</sub>).

**Sources:** Carbon monoxide can be produced by various sources:

**Combustion Processes:** Incomplete combustion of carbon-containing fuels, such as car engines, furnaces, stoves, fireplaces, and generators, can release carbon monoxide.

**Industrial Processes:** Certain industrial processes, such as metal production, chemical manufacturing, and combustion in power plants, can also produce carbon monoxide.

**Tobacco Smoke:** Cigarette smoke is a significant source of carbon monoxide.

**Health Effects:** Carbon monoxide is a silent killer, as it can be fatal in high concentrations or when exposed for an extended period. Common symptoms of carbon monoxide poisoning include headache, dizziness, nausea, confusion, shortness of breath, and loss of consciousness.

Prolonged exposure to low levels of carbon monoxide can lead to chronic health issues.

**Safety Measures:** To prevent carbon monoxide poisoning, it is essential to take the following safety measures:

**Proper Ventilation:** Ensure adequate ventilation in enclosed spaces where fuel-burning appliances are used.

**Regular Maintenance:** Regularly inspect and maintain fuel-burning appliances, such as furnaces and water heaters, to ensure they are functioning properly and not producing excessive carbon monoxide.

**Carbon Monoxide Detectors:** Install carbon monoxide detectors in residential and commercial buildings. These devices can emit an alarm when elevated levels of carbon monoxide are detected.

Never use fuel-burning appliances, such as generators or grills, indoors or in enclosed spaces where proper ventilation is lacking.

Avoid smoking indoors, as tobacco smoke is a significant source of carbon monoxide.

Be aware of the symptoms of carbon monoxide poisoning and seek immediate medical attention if you suspect exposure.

Carbon monoxide is a dangerous gas that requires caution and preventive measures to ensure the safety and well-being of individuals. Proper awareness, education, and adherence to safety guidelines are crucial in preventing carbon monoxide poisoning.

#### Basic Info

|                    |                     |                     |                |
|--------------------|---------------------|---------------------|----------------|
| Transport Package: | 40L, 47L, 50L etc.  | Melting Point       | -205°C         |
| Trademark:         | CMC                 | Boiling Point       | -191.5°C       |
| Specification      | 99.90%              | Production Capacity | 10000cyl/Month |
| Cylinder Pressure  | 12.5MPa/15MPa/20MPa | Valve               | Qf-30A/Cga350  |
| Appearance         | Colorless, Odorless | Density             | 1.2504 G/L     |

#### 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

### Company Profile



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>,

SiCL4, NH3, CF4, NF3, SF6, HCL, N2O, doping mixed gas (TMB, PH3, B2H6) and other electronic gases.

|        |       |      |                                                                                    |       |       |     |     |        |
|--------|-------|------|------------------------------------------------------------------------------------|-------|-------|-----|-----|--------|
| SiCl4  | NH3   | NH3  | CH3F                                                                               | SiH4  | Kr    | H2S | WF6 | F6+Cl2 |
| 4MS    | C3F8  | C3F8 | TEOS                                                                               | CH4   | PH3   | SF6 | C2  | HCl+Ne |
| CF4    | C4F8  | SiH2 |  |       |       |     |     | TMB+H2 |
| SiF4   | C3H8  | Cl2  |                                                                                    |       |       |     |     | He +As |
| BBr3   | C3H6  | DCE  |                                                                                    |       |       |     |     | Ge+Se  |
| POCl3  | N2    | SO2  |                                                                                    |       |       |     |     | D+B    |
| BCl3   | D2    | CO2  |                                                                                    |       |       |     |     | CO+NO  |
| SiHCl3 | CH2F2 | HF   |                                                                                    |       |       |     |     | Ar+O2  |
| TMAI   | DMZn  | DEZn |                                                                                    |       |       |     |     | Xe+NO  |
| AsH3   | C2H4  | C2H2 | HBr                                                                                | COS   | Ar+O2 |     |     |        |
| GeH4   | C2H6  | B2H6 | H2Se                                                                               | GeCl4 | Xe+NO |     |     |        |



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