



## China Cylinder Gas Best Price 3n CO Gas Industrial Carbon Monoxide

Our Product Introduction

for more products please visit us on [gascylindertank.com](http://gascylindertank.com)

### 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



**Carbon Monoxide**

### Product Specification

- Product Name: Carbon Monoxide Gas
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Valve: Qf-30A/Cga350
- Cylinder Standard: GB/ISO/DOT
- Boiling Point: -191.5°C
- Appearance: Colorless, Odorless
- Melting Point: -205°C
- 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 gas (CO) is a colorless, odorless, and highly toxic gas. It is formed by the incomplete combustion of carbon-containing substances, such as fossil fuels, wood, and charcoal. 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:

**Color and Odor:** It is colorless and odorless, which makes it difficult to detect without proper monitoring equipment.

**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 to body tissues. Prolonged exposure to high levels of carbon monoxide can be lethal.

**Combustibility:** Although carbon monoxide itself is not flammable, it is highly combustible in the presence of an ignition source, such as an open flame or spark.

**Sources of Carbon Monoxide:** Carbon monoxide can be produced by various sources, including:

**Incomplete Combustion:** The primary source of carbon monoxide is the incomplete combustion of carbon-containing fuels, such as gasoline, natural gas, coal, oil, wood, and propane. This can occur in poorly maintained or malfunctioning combustion equipment, such as furnaces, boilers, water heaters, stoves, and vehicles.

**Industrial Processes:** Certain industrial processes, such as steel production, chemical manufacturing, and combustion of fossil fuels in power plants, can also release carbon monoxide.

**Health Effects:** Carbon monoxide is a silent killer because it is difficult to detect without proper monitoring equipment. Inhalation of high levels of carbon monoxide can lead to carbon monoxide poisoning, which can cause symptoms such as headache, dizziness, nausea, confusion, shortness of breath, and in severe cases, loss of consciousness, organ damage, or death.

**Safety Considerations:** Preventing carbon monoxide exposure is crucial. Here are some safety considerations:

**Adequate Ventilation:** Ensure proper ventilation in enclosed spaces with fuel-burning appliances to allow the safe release of combustion gases.

**Regular Maintenance:** Regularly inspect and maintain fuel-burning appliances, heating systems, and chimneys to ensure they are functioning properly and not producing an excessive amount of carbon monoxide.

**Carbon Monoxide Detectors:** Install carbon monoxide detectors in areas where fuel-burning appliances are present, such as bedrooms and living rooms. These detectors can provide early warning of elevated carbon monoxide levels.

**Proper Use of Fuel-Burning Equipment:** Follow manufacturer instructions for the safe use of fuel-burning equipment and never use appliances designed for outdoor use indoors.

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

If you suspect a carbon monoxide leak or experience symptoms of carbon monoxide poisoning, leave the area immediately, seek fresh air, and contact emergency services for assistance.

#### 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 %

|     |          |
|-----|----------|
| H2  | ≤5 ppm   |
| O2  | ≤50 ppm  |
| N2  | ≤450 ppm |
| CO2 | ≤30 ppm  |
| CH4 | ≤20 ppm  |
| H2O | ≤5 ppm   |

Total Impurity  $\leq 1000$  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> |                                 |



 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 [williamchen@cmc-chemical.com](mailto:williamchen@cmc-chemical.com)

 [gascylindertank.com](http://gascylindertank.com)