99.99% Colorless Industrial Cylinder Gas CO Gas Carbon Monoxide

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Co
- Minimum Order Quantity: 1kg
- 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
- Cylinder Standard: DOT/ISO/GB
- Valve: Qf-30A/Cga350
- DOT Class: 2.3 & 2.1
- Cylinder Pressure: 15MPa/20MPa
- Density: 1.2504 G/L
- 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

Carbon monoxide (CO) gas is a colorless, odorless, and highly toxic gas. It is composed of one carbon atom bonded to one oxygen atom. Here are some key points about carbon monoxide gas:

Formation: Carbon monoxide is produced by the incomplete combustion of carbon-based fuels, such as gasoline, natural gas, coal, oil, and wood. It is also formed during the breakdown of organic matter and can be released from certain industrial processes and exhaust emissions.

Properties:

Toxicity: Carbon monoxide is highly toxic to humans and animals. It is often referred to as the "silent killer" because it cannot be detected by smell, taste, or color. When inhaled, carbon monoxide molecules bind to hemoglobin in red blood cells, reducing their ability to carry oxygen. This can lead to oxygen deprivation in the body, which can be life-threatening.

Flammability: While carbon monoxide itself is not flammable, it can support combustion and act as a fuel in the presence of an ignition source.

Sources:

Combustion Processes: Carbon monoxide is commonly produced by the incomplete burning of fossil fuels in vehicles, stoves, fireplaces, furnaces, and other combustion appliances that are not properly vented or maintained.

Industrial Processes: Certain industrial operations, such as steel production, chemical manufacturing, and power generation, can release carbon monoxide as a byproduct.

Health Effects:

Acute Poisoning: Breathing in high levels of carbon monoxide can lead to acute poisoning. Symptoms may include headache, dizziness, nausea, confusion, weakness, chest pain, and loss of consciousness. Severe exposure can result in coma or death.

Chronic Exposure: Long-term exposure to low levels of carbon monoxide can lead to chronic health effects, including cardiovascular problems, neurological disorders, and impaired cognitive function.

Detection and Safety:

Carbon Monoxide Detectors: It is crucial to have carbon monoxide detectors installed in residential and commercial buildings, particularly in areas where fuel-burning appliances are present. These detectors can alert occupants to the presence of carbon monoxide and provide early warning in case of a leak.

Ventilation: Proper ventilation is essential in areas where carbon monoxide-producing appliances are used. Adequate airflow and exhaust systems can help prevent the buildup of carbon monoxide gas.

Maintenance: Regular inspection, maintenance, and servicing of fuel-burning appliances, chimneys, and ventilation systems are important to ensure their proper functioning and minimize the risk of carbon monoxide leaks.

Avoiding Indoor Use of Fuel-Burning Devices: It is important to avoid using fuel-burning devices, such as portable generators, camping stoves, and charcoal grills, indoors or in enclosed spaces where carbon monoxide can accumulate.

Basic Info.

Molecular Weight	28.0101	Density	1.2504G/L
Melting Point	-205ºC	Boiling Point	-191.5ºC
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
H20	≤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

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: H2, O2, N2, Ar, CO2, propane, acetylene, helium, laser mixed gas, SiH4, Sih2cl2, SiHCL3, SiCL4, NH3, CF4, NF3, SF6, HCL, N2O, doping mixed gas (TMB, PH3, B2H6) and other electronic gases.

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