High Purity Cylinder Gas Industrial Grade CO Gas Carbon Monoxide

Our Product Introduction

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
- Cylinder Pressure: 15MPa/20MPa
- DOT Class: 2.3 & 2.1
- Cylinder Standard: DOT/ISO/GB
- Boiling Point: -191.5ºC
- Melting Point: -205ºC
- 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) is a colorless, odorless, and highly toxic gas. It is produced by incomplete combustion of carbon-containing substances, such as fossil fuels, wood, and certain industrial processes. 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:

Toxicity: Carbon monoxide is highly toxic to humans and animals. It binds to hemoglobin in the blood, reducing its ability to carry oxygen to vital organs and tissues. Exposure to high levels of carbon monoxide can lead to serious health effects, including carbon monoxide poisoning and even death.

Colorless and Odorless: Carbon monoxide is invisible and does not have a noticeable odor, taste, or color, making it difficult to detect without specialized equipment.

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

Sources of Carbon Monoxide: Carbon monoxide is produced by various sources, including:

Incomplete Combustion: The primary source of carbon monoxide is the incomplete combustion of carbon-based fuels, such as gasoline, natural gas, coal, oil, wood, and propane. This can occur in vehicles, residential heating systems, stoves, fireplaces, and other combustion processes.

Industrial Processes: Certain industrial activities, such as metal production, chemical manufacturing, and combustion in power plants, can also release carbon monoxide as a byproduct.

Health and Safety Implications: Carbon monoxide is a significant health and safety concern. Here are some important considerations:

Carbon Monoxide Poisoning: Inhalation of high levels of carbon monoxide can lead to carbon monoxide poisoning. Symptoms include headache, dizziness, nausea, confusion, shortness of breath, and loss of consciousness. Prolonged exposure or high concentrations can be fatal.

Prevention: It is crucial to have proper ventilation and regular maintenance of fuel-burning appliances, such as furnaces, water heaters, and fireplaces. Installing carbon monoxide detectors in living areas can provide early warning of elevated levels of carbon monoxide.

Detection: Carbon monoxide detectors are designed to alert occupants when carbon monoxide levels exceed a certain threshold. It is important to test and maintain these detectors according to manufacturer guidelines.

Safe Use of Fuel-Burning Devices: Fuel-burning devices should be used in well-ventilated areas, and never used for heating or cooking inside enclosed spaces or vehicles.

Occupational Exposures: Workers in industries where carbon monoxide is produced or released should follow proper safety protocols and wear appropriate personal protective equipment to minimize exposure risks.

In summary, carbon monoxide is a hazardous gas that can be produced by incomplete combustion of carbon-based fuels. Understanding the sources, risks, and safety measures associated with carbon monoxide is crucial to prevent exposure and ensure the well-being of individuals.

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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