



99.9%/ 99.99%/ 99.999% Cylinder Gas High Purity Co 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
- Boiling Point: -191.5°C
- Melting Point: -205°C
- Specification: 40L, 47L, 50L Etc.
- Origin: China
- HS Code: 2811290090
- Supply Ability: 10000cyl/Month
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade
- Chemical Property: Combustion-Supporting Gas
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Molecular Weight: 28.0101
- Production: 10000cyl/Month
- Customization: Available | Customized Request



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 substances, such as fossil fuels (coal, oil, and natural gas), wood, and gasoline. Here are some key points about carbon monoxide gas:

Chemical Composition: Carbon monoxide consists of one carbon atom bonded with one oxygen atom, represented by the chemical formula CO.

Properties: Carbon monoxide possesses several important properties:

Toxicity: Carbon monoxide is highly toxic to humans and animals. It is often referred to as the "silent killer" because it is odorless and cannot be easily detected without proper instrumentation. When inhaled, it binds to hemoglobin in the blood, reducing its ability to carry oxygen, which can lead to tissue damage and potentially death.

Flammability: Carbon monoxide is a flammable gas that can ignite and burn in the presence of air or oxygen. It has a flammable range between 12.5% and 74% by volume in air.

Density: Carbon monoxide is slightly lighter than air, so it tends to rise and disperse in the atmosphere.

Sources of Carbon Monoxide: Carbon monoxide is generated by the incomplete combustion of carbon-based fuels. Common sources include:

Vehicle Exhaust: The exhaust gases from internal combustion engines, such as those in cars, trucks, motorcycles, and generators, produce carbon monoxide.

Home Appliances: Malfunctioning or improperly ventilated gas appliances, such as furnaces, water heaters, stoves, and fireplaces, can release carbon monoxide into indoor spaces.

Tobacco Smoke: Cigarette smoke contains carbon monoxide, which is inhaled by smokers and those exposed to secondhand smoke.

Industrial Processes: Certain industrial operations, such as metal production, chemical manufacturing, and combustion processes, can generate carbon monoxide emissions.

Health Effects and Safety Considerations: Carbon monoxide poisoning can have severe health effects, and exposure to high levels can be fatal.

Symptoms of carbon monoxide poisoning include headache, dizziness, nausea, confusion, weakness, and loss of consciousness. To prevent carbon monoxide poisoning, it is essential to:

Ensure Proper Ventilation: All fuel-burning appliances should be adequately vented to the outdoors to allow the safe release of combustion by-products.

Install Carbon Monoxide Alarms: Carbon monoxide detectors should be installed in living spaces, particularly near sleeping areas, to provide early warning of elevated carbon monoxide levels.

Regular Maintenance: Gas appliances should be inspected and maintained by qualified professionals to ensure they are operating safely and efficiently.

Avoid Indoor Use of Fuel-Burning Devices: Generators, grills, and other fuel-burning devices should never be used indoors or in enclosed spaces.

Be Mindful of Vehicle Exhaust: Avoid idling vehicles in enclosed spaces, such as garages, and ensure proper ventilation when operating vehicles or machinery that emit carbon monoxide.

If you suspect carbon monoxide poisoning or encounter high levels of carbon monoxide, it is crucial to evacuate the area, seek fresh air immediately, and contact emergency services for assistance.



**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	≤1000 ppm

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	

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: 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.

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



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