



Refilling in China Factory Co Gas Carbon Monoxide Gas

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
- Valve: Qf-30A/Cga350
- Boiling Point: -191.5°C
- Melting Point: -205°C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Transport Package: 40L, 47L, 50L Etc.
- Specification: 40L, 47L, 50L Etc.
- Trademark: CMC
- Origin: China
- HS Code: 281129009
- Supply Ability: 10000cyl/Month
- CAS No.: 10102-43-9
- Formula: Co
- EINECS: 211-128-3



More Images



Product Description

Product Description

Carbon monoxide gas, often abbreviated as CO, is a colorless, odorless, and tasteless gas. It is composed of one carbon atom bonded to one oxygen atom and is represented by the chemical formula CO. Here are some key points about carbon monoxide gas:

Chemical Formula: CO

Molecular Weight: 28.01 g/mol

Structure: Carbon monoxide consists of a triple bond between the carbon and oxygen atoms, making it a linear molecule.

Formation: Carbon monoxide is produced through the incomplete combustion of carbon-containing fuels, such as natural gas, gasoline, coal, wood, and oil. It is also generated by certain industrial processes, such as steel production and chemical manufacturing.

Toxicity: Carbon monoxide is highly toxic to humans and animals. When inhaled, it binds to hemoglobin in the bloodstream, reducing its ability to carry oxygen. This can lead to carbon monoxide poisoning, which can be life-threatening.

Sources of Carbon Monoxide: Common sources of carbon monoxide in indoor environments include malfunctioning or poorly maintained fuel-burning appliances (e.g., furnaces, water heaters, stoves), vehicle exhaust, generators, and fireplaces.

Symptoms of Carbon Monoxide Poisoning: Carbon monoxide poisoning can cause symptoms such as headache, dizziness, nausea, confusion, shortness of breath, and loss of consciousness. Prolonged exposure to high concentrations of carbon monoxide can be fatal.

Detection and Prevention: Carbon monoxide detectors are used to monitor the levels of carbon monoxide in indoor spaces. It is crucial to have working detectors installed in areas where carbon monoxide sources are present. Regular maintenance of fuel-burning appliances, proper ventilation, and avoiding the use of fuel-burning devices in enclosed spaces can help prevent carbon monoxide buildup.

Industrial Applications: Carbon monoxide has several industrial applications. It is used as a reducing agent in the production of various chemicals, such as methanol, acetic acid, and hydrogen. It is also employed in the production of metal carbonyls and as a fuel in industrial processes.

Environmental Impact: Carbon monoxide is considered an air pollutant. It is a precursor to the formation of ground-level ozone and contributes to the formation of smog. Additionally, carbon monoxide emissions from vehicles and industrial sources contribute to air pollution and can have detrimental effects on air quality.

It's important to note that carbon monoxide is a hazardous gas, and exposure to high concentrations can be life-threatening. Proper safety precautions, including the use of carbon monoxide detectors and regular maintenance of fuel-burning appliances, should be taken to prevent carbon monoxide poisoning.

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	≤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: 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	
			GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	



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