China Cylinder Gas Best Price 3n CO Gas Industrial 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: 12.5MPa/15MPa/20MPa
- Valve: Qf-30A/Cga350
- Cylinder Standard: GB/ISO/DOT
- Boiling Point: -191.5ºC
- Appearance: Colorless, Odorless
- Melting Point: -205ºC
- 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	-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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