



China Cylinder Gas Industrial Grade High Purity No2 Dioxide Nitrogen

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: No2
- Minimum Order Quantity: 1kg
- Price: US \$50/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 50000kg/month



Product Specification

- Product Name: Nitrogen Dioxide Gas
- Valve: Cga660
- Boiling Point: 21 °C
- Melting Point: -11 °C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Transport Package: Sea Transportation
- Specification: 4L 8L 40L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 2811290090
- Supply Ability: 10000ton/Year
- CAS No.: 10102-44-0
- Formula: No2
- EINECS: 233-272-6



More Images



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Product Description

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Nitrogen dioxide (NO₂) gas is a reddish-brown, highly reactive, and toxic gas. It is one of the nitrogen oxides (collectively referred to as NO_x), which are produced during the combustion of fossil fuels, especially in vehicles and industrial processes.

Here are some key points about nitrogen dioxide gas:

Sources: Nitrogen dioxide is primarily emitted from the burning of fossil fuels, such as coal, oil, and natural gas. It is a common air pollutant generated by motor vehicles, power plants, industrial facilities, and residential heating systems.

Health Effects: Nitrogen dioxide is harmful to human health and can cause respiratory problems. Exposure to elevated levels of nitrogen dioxide can aggravate asthma symptoms, increase the risk of respiratory infections, and contribute to the development of respiratory diseases. Prolonged or intense exposure to nitrogen dioxide can lead to lung damage.

Environmental Impact: Nitrogen dioxide is a major contributor to air pollution and can have detrimental effects on the environment. It contributes to the formation of photochemical smog and can react with other compounds in the atmosphere to form particulate matter (PM_{2.5} and PM₁₀), acid rain, and secondary pollutants such as ozone.

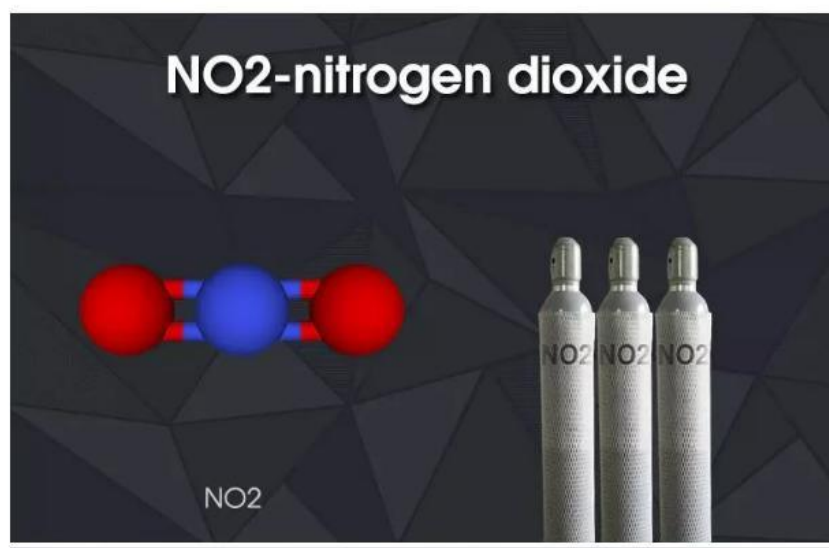
Monitoring and Regulation: Nitrogen dioxide levels are monitored by air quality monitoring stations in many cities and regions. Regulatory agencies set standards and guidelines to limit nitrogen dioxide emissions and protect public health. Measures such as emission controls on vehicles and industrial sources, as well as improved fuel quality, are implemented to reduce nitrogen dioxide levels.

Control and Mitigation: To reduce nitrogen dioxide pollution, various strategies can be employed, including the use of cleaner fuels, improved vehicle emissions standards, and the implementation of pollution control technologies in industrial processes. Additionally, promoting sustainable transportation, such as public transit and electric vehicles, can help reduce nitrogen dioxide emissions.

It is important to minimize exposure to nitrogen dioxide by avoiding high-traffic areas and reducing personal exposure to air pollution. Individuals with respiratory conditions should take extra precautions and seek medical advice if experiencing symptoms related to nitrogen dioxide exposure.

Detailed

Photos



Specification:

CAS No.: 10102-44-0

EINECS No.: 233-272-6

UN No.: UN1067

Purity: 99.5%

Dot Class: 2.3 & 5.1 & 8

Appearance: brownish red, pungent smell

Grade Standard: Industrial Grade

Specification	99.5%Unit
Oxygen	≤65 ppm
Nitrogen	≤200 ppm
Nitric Oxide	≤100 ppm
Carbon Monoxide	≤10 ppm
Carbon Dioxide	≤300 ppm
THC	≤50 ppm

Packaging &

Shipping

Product	Nitrogen Dioxide NO2	Nitrogen Dioxide NO2
Package Size	8Ltr Cylinder	47Ltr Cylinder
Filling Net Volume/Cyl	8Kgs	45Kgs
QTY Loaded in 20'Container	560Cyls	250Cyls
Cylinder Tare Weight	8kgs	50Kgs
Valve	CGA660	CGA660

Company Profile

ShangHai CMC 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.



SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCl+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	Cl2						He +As
BBr3	C3H6	DCE						Ge+Se
POCl3	N2	SO2						D+B
BCl3	D2	CO2						CO+NO
SiHCl3	CH2F2	HF	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAI	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO



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