



## China Cylinder Gas Industrial Grade High Purity No2 Dioxide Nitrogen

Our Product Introduction

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### 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



## Product Description

### Product Description

Nitrogen dioxide (NO<sub>2</sub>) gas is a reddish-brown, highly reactive, and toxic gas. It is one of the nitrogen oxides (collectively referred to as NO<sub>x</sub>), 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<sub>2.5</sub> and PM<sub>10</sub>), acid rain, and secondary pollutants such as ozone.

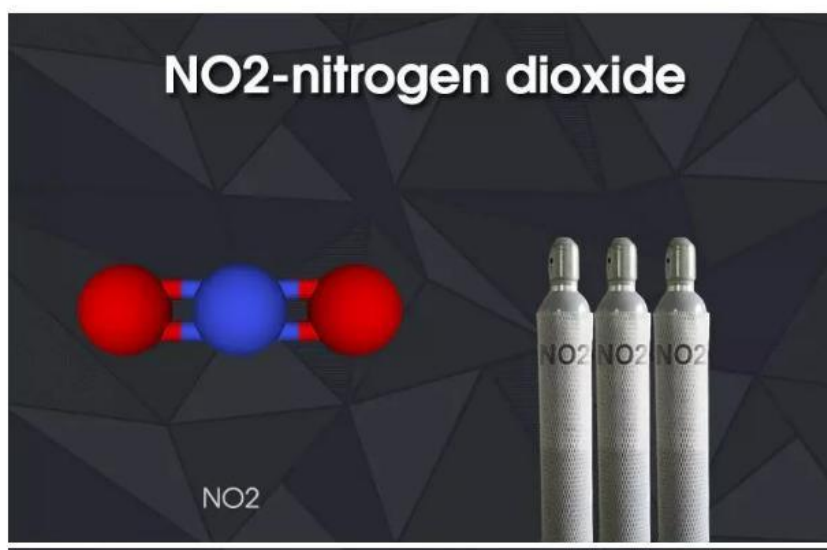
**Monitoring and Regulation:** Nitrogen dioxide levels are monitored by air quality monitoring stations in many cities and regions. Regulatory agencies set standards and guidelines to limit nitrogen dioxide emissions and protect public health. Measures such as emission controls on vehicles and industrial 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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.



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



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