



China good factory sell 99.999% High Purity Electronic Grade Cylinder Gas N₂O Nitrous Oxide

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: N₂O
- Minimum Order Quantity: 1kg
- Price: US \$8/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year



Product Specification

- Product Name: Nitrous Oxide
- Cylinder Pressure: 15MPa/20MPa
- Boiling Point: -88 °C
- Melting Point: -91 °C
- Model No.: Nitrous Oxide Gas
- Cylinder Standard: DOT/ISO/GB
- Appearance: Colorless
- Transport Package: 40L/47L/50L
- Specification: 40L/47L/50L
- Trademark: CMC
- Origin: China
- HS Code: 2811290090
- Supply Ability: 20,000ton/Year
- CAS No.: 10024-97-2
- Formula: N₂O



More Images



Product Description

Product Description

Nitrous oxide, commonly known as "laughing gas," is a colorless and odorless gas with the chemical formula N₂O. It is commonly used in medical and dental settings as an anesthetic and analgesic agent. Nitrous oxide has both sedative and pain-relieving properties, and it is often used to help patients relax and reduce pain during certain medical procedures.

Here are some key points about nitrous oxide gas:

1. **Medical Use:** Nitrous oxide is commonly used in combination with oxygen as a sedative and analgesic agent in medical and dental procedures. It is administered through a mask or a nasal hood, allowing the patient to inhale the gas.
2. **Effect on the Body:** Nitrous oxide acts as a central nervous system depressant, producing a euphoric, relaxed state in the patient. It can also provide pain relief, although it may not be sufficient for certain types of procedures that require deeper anesthesia.
3. **Safety:** Nitrous oxide is generally considered safe when used as directed by trained medical professionals. However, like any medical intervention, it does carry some risks and side effects. These can include nausea, dizziness, headaches, and in rare cases, more serious complications such as oxygen deprivation.
4. **Recreational Use:** Nitrous oxide has also gained popularity as a recreational drug due to its euphoric effects. It is sometimes inhaled from small canisters known as "whippets" or "laughing gas cartridges." Recreational use of nitrous oxide can be dangerous and potentially harmful, particularly when used in excessive amounts or in unsafe conditions.
5. **Environmental Impact:** Nitrous oxide is a potent greenhouse gas that contributes to climate change. It is released into the atmosphere through various human activities, including agricultural practices, industrial processes, and the burning of fossil fuels. Efforts are being made to reduce nitrous oxide emissions and mitigate its impact on the environment.

Basic Info.

DOT Class	2.2&5.1	Un No	1070
Cylinde	DOT/ISO/GB	Cylinder Pressure	15MPa/20MPa
Valve	Cga540	Melting Point	-91 °C
Appearance	Colorless	Boiling Point	-88 °C
Density	1.8 Kg/m ³	Molecular Weight	44.013
Transport Package	40L, 47L, 50L	Specification	99.9%, 99.999%
Trademark	CMC	Origin	China
HS Code	2811290090	Production Capacity	20,000ton/Year

Specification:

CAS No.: 10024-97-2

EINECS No.: 233-032-0

UN No.: UN1070

Purity: 99.9%

Dot Class: 2.1&5.1

Appearance: Colorless

Grade Standard: Medical Grade, Industrial Grade

N ₂ O - Nitrous Oxide	99.9% min	Units
CO	≤20	ppm
O ₂ +Ar	≤200	ppm
N ₂	≤600	ppm
H ₂ O	≤30	ppm

Detailed Photos









Packaging & Shipping

Product	Nitrous Oxide N2O		
Package Size	40Ltr Cylinder	50Ltr Cylinder	T75 ISO Tank
Filling Net Weight/Cyl	24Kgs	30Kgs	19 Tons
QTY Loaded in 20'Container	250 Cyls	250 Cyls	1 Unit
Total Net Weight	6.0 Tons	7.5 Tons	19 Tons
Cylinder Tare Weight	50Kgs	55Kgs	8170kgs
Valve	CGA540		

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.

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				



