



Cylinder Gas China OEM High Purity Electronic Gas N₂O Nitrous Oxide

Our Product Introduction

for more products please visit us on gascylindertank.com

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: N₂O
- Minimum Order Quantity: 1kg
- Price: US \$8kg
- 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
- Purity: 99.9%~99.999%
- Standard: Electron Grade, Industrial Grade, Medical Grade
- Appearance: Colorless
- Model No.: N₂O Gas Laughing Gas
- 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
- EINECS: 233-032-0



More Images



Product Description

Product Description

Nitrous oxide (N₂O), also known as laughing gas or nitrous, is a chemical compound composed of nitrogen and oxygen atoms. Here are some key points about nitrous oxide:

Chemical composition: Nitrous oxide has the chemical formula N₂O, indicating that it consists of two nitrogen (N) atoms bonded to one oxygen (O) atom.

Physical properties: Nitrous oxide is a colorless and odorless gas at room temperature and pressure. It is relatively stable and non-flammable.

Nitrous oxide is denser than air and can be liquefied under high pressure.

Production: Nitrous oxide can be produced through various methods. One common method involves the thermal decomposition of ammonium nitrate, a compound found in fertilizers. Nitrous oxide can also be a byproduct of certain industrial processes and combustion reactions.

Medical and dental use: Nitrous oxide is commonly used as an anesthetic agent in medical and dental procedures. It is inhaled by the patient to induce a state of conscious sedation, reducing pain and anxiety during treatments.

Recreational use: Nitrous oxide is sometimes used recreationally for its euphoric and dissociative effects. It is typically inhaled from small canisters or balloons. However, recreational use of nitrous oxide can be dangerous and potentially harmful, particularly in high doses or when combined with other substances.

Industrial applications: Nitrous oxide has various industrial applications, including:

Rocket propellant: Nitrous oxide is used as an oxidizer in rocket engines. It supports the combustion of fuels, providing thrust for propulsion.

Food industry: Nitrous oxide is used as a propellant in whipped cream dispensers and aerosol cans to create a foaming effect.

Automotive industry: Nitrous oxide can be used as a performance-enhancing additive in car engines. When injected into the intake manifold, it provides additional oxygen, leading to increased power output.

Environmental impact: Nitrous oxide is a potent greenhouse gas and contributes to global warming. It is also involved in the depletion of the ozone layer when released into the atmosphere.

It is important to note that nitrous oxide should be used responsibly and under appropriate supervision, particularly in medical and dental settings.

Recreational use of nitrous oxide can have serious health risks and should be avoided.

Basic Info

Transport Package:	40L/47L/50L	Melting Point	-91°C
Trademark:	CMC	Boiling Point	-88°C
Specification	99.90%	Production Capacity	20,000ton/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa Valve		Cga540
Appearance	Colorless	Density	1.8 Kg/M3

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 Photo



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	



 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com