

# China best price 99.9% Pure Laughing Gas N2o Medical Gas Nitrous Oxide

#### **Basic Information**

. Place of Origin: China . Brand Name: CMC COA · Certification: N20 Model Number: • Minimum Order Quantity: 1kg • Price: US \$8kg · Packaging Details: Cylinder/Tank • Delivery Time: 15 days Payment Terms: L/C, T/T 20000 Tons/Year . Supply Ability:



### **Product Specification**

Product Name: Nitrous Oxide
Cylinder Pressure: 60bar
Boiling Point: -88 C
Purity: 99.9999%
Valve: Cga326

Density: 1.8 Kg/M³
Melting Point: -91 C

• Transport Package: Sea Transportation

Specification: 4L 8L 40LTrademark: CMC

Origin: Suzhou, China
 HS Code: 2811290090
 Supply Ability: 10000ton/Year
 CAS No.: 10023-97-2
 Formula: N2o



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#### **Product Description**

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

Properties: Nitrous oxide is a colorless and odorless gas at room temperature and pressure. It is non-flammable and has a slightly sweet taste. Nitrous oxide exists as a gas, but it can be compressed into a liquid form under high pressure.

Production: Nitrous oxide can be produced through various methods. One common method is the thermal decomposition of ammonium nitrate, a compound found in fertilizers. Nitrous oxide can also be a byproduct of certain industrial processes, such as the production of nitric acid.

Medical and Dental Use: Nitrous oxide has been used as an anesthetic in medical and dental procedures for over a century. It is administered in combination with oxygen to induce a state of conscious sedation, providing pain relief and relaxation during minor surgeries or dental work.

Recreational Use: Nitrous oxide is sometimes abused for its euphoric and dissociative effects. Inhaled nitrous oxide can produce a brief period of intoxication, often referred to as "laughing gas," which may cause a sense of lightheadedness, dizziness, and laughter. Recreational use of nitrous oxide can be dangerous and potentially harmful if misused or used in excessive amounts.

Engine Performance: Nitrous oxide is used in motorsports and automotive applications as a performance-enhancing additive. When injected into the engine's intake system, nitrous oxide provides additional oxygen, allowing for increased fuel combustion and generating more power. This is commonly referred to as "nitrous" or "NOS" in the automotive community.

Environmental Impact: Nitrous oxide is classified as a greenhouse gas and contributes to climate change. It has a relatively long atmospheric lifetime and is about 300 times more potent as a greenhouse gas than carbon dioxide. Nitrous oxide emissions are associated with various human activities, including agricultural practices, industrial processes, and combustion of fossil fuels.

It's important to note that the misuse or abuse of nitrous oxide can have serious health risks, including oxygen deprivation, loss of consciousness, and even death. When used for medical or dental purposes, nitrous oxide should be administered by trained professionals in controlled settings.

#### Basic Info.

Molecular Weight	44.013	Density	1.8Kg/m <sup>3</sup>
Melting Point	-91ºC	Boiling Point	-88ºC
Appearance	Colorless	Un No.	1070
DOT Class	2.2&5.1	Valve	CGA540
Cylinder Standard	GB/ISO/DOT	Cylinder Pressure	15Mpa/15Mpa/20Mpa
Transport Package	40L/47L/50L/ISO Tank	Specification	99.9%,99.99%,99.999%
Trademark	CMC	Origin	China
HS Code	28112900	Production Capacity	20000ton/Year

#### 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

≤50 ppm

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

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 50Kgs Cylinder Tare Weight 8kgs CGA660 CGA660 Valve









Company

Profile

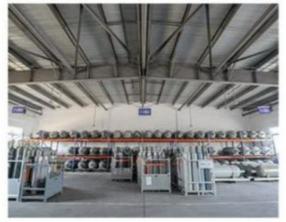


Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The 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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