

China

CMC

COA

N2O

Nitrous Oxide

Cga540 Colorless

-88ºC

-91ºC

CMC

China

N2o

40L/47L/50L

40L/47L/50L

2811290090 20, 000ton/Year

10024-97-2

233-032-0

Industrial Pure Air

Cylinder Gas Specialty Electronic Gas 99.999% 5n N2O Nitrous oxide

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- 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:
- Valve:
- Appearance:
- Boiling Point:
- Melting Point:
- Transport Package:
- Specification:
- Trademark:
- Origin:HS Code:
- Supply Ability:
- CAS No.:
- Formula:
- EINECS:
- Constituent:



More Images







Product Description

Nitrous oxide (N2O) is a chemical compound composed of two nitrogen atoms bonded to one oxygen atom. It is commonly known as "laughing gas" due to its euphoric and anesthetic effects when inhaled.

Here are some key points about nitrous oxide:

Properties: Nitrous oxide is a colorless and odorless gas with a slightly sweet taste. It is non-flammable and non-toxic, but it can support combustion. Nitrous oxide is denser than air and is often stored as a compressed gas or a liquid in pressurized containers.

Production: Nitrous oxide can be produced through several methods. One common method involves the thermal decomposition of ammonium nitrate, which releases nitrous oxide and water vapor. It can also be produced as a byproduct of certain industrial processes, such as the production of nitric acid.

Medical and Dental Uses: Nitrous oxide is widely used in medical and dental settings as an anesthetic and analgesic agent. It provides pain relief and induces a state of relaxation and sedation in patients during certain procedures. It is commonly used in combination with other anesthetics or oxygen.

Recreational Use: Nitrous oxide has a history of recreational use due to its euphoric effects. It can produce a brief period of mental and physical relaxation, altered perception, and laughter when inhaled in small amounts. However, recreational use carries risks, and excessive use can lead to oxygen deprivation, loss of consciousness, and potential harm.

Engine Performance: Nitrous oxide is also used in automotive and racing applications. It is commonly referred to as "nitrous" or "NOS" in this context. When injected into an engine's combustion chamber, nitrous oxide provides additional oxygen, resulting in increased power and performance. However, its use requires specific modifications and precautions to ensure safe and proper engine operation.

Environmental Impact: Nitrous oxide is considered a greenhouse gas and is involved in climate change. It has a relatively long atmospheric lifetime and contributes to the depletion of the ozone layer. Nitrous oxide emissions primarily come from agricultural activities, combustion processes, and industrial sources.

It's important to note that while nitrous oxide has various legitimate uses, its recreational use can be dangerous and pose health risks. It should only be used under proper medical supervision or in compliance with applicable regulations and guidelines.

Basic Info

Transport Package	:40L/47L/50L	Melting Point	-91ºC
Trademark:	CMC	Boiling Point	-88ºC
Specification	99.90%	Production Capacity	20, 000ton/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa	aValve	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

N2O - Nitrous Oxide	99.9% min	Units
со	≤20	ppm
O2+Ar	≤200	ppm
N2	≤600	ppm
H2O	≤30	ppm

Detailed Photos



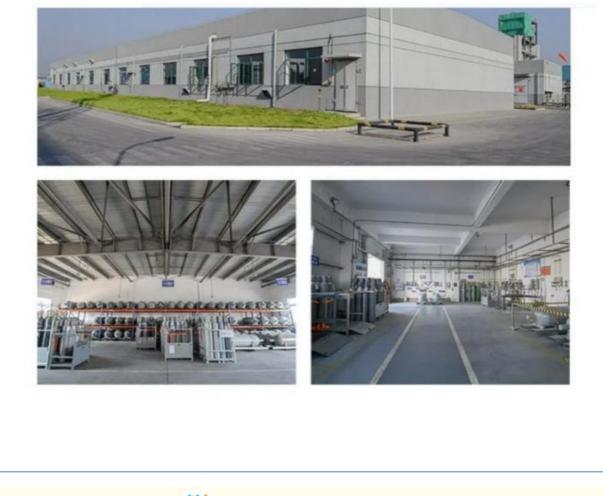
Packaging & Shipping

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.

SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCI+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	CI2						He +As
BBr3	C3H6	DCE	HA		TTT,	n fi	a	Ge+Se
POCI3	N2	SO2	- TIT					D+B
BCI3	D2	CO2					and a second	CO+NO
SiHCI3	CH2F2	HF	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAI	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO



Shanghai Kemike Chemical Co.,Ltd						
٩	+86 18762990415	williamchen@cmc-chemical.com	gascylindertank.com			