



## China Best Price Liquid Nitrogen Tank Gas Storage Medical Industrial N2 Nitrogen

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Nitrogen
- Minimum Order Quantity: 1 Piece
- Price: US \$850
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000Pcs/Month



### Product Specification

- Product Name: Liquid Nitrogen
- Purity: 99.999%/99.99%/99.9%
- Transport: By Sea
- Content2: Argon
- Content1: Oxygen
- Transport Package: Sea Transportation
- Specification: 175L 200L 240L
- Trademark: CMC
- Origin: Suzhou, China
- Supply Ability: 2000pieces/Moth
- CAS No.: 7727-37-9
- Formula: N2
- EINECS: 231-783-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade



### More Images



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# Product Description

## Product Description

Liquid nitrogen (LN2) is the cryogenic liquid form of nitrogen gas (N2) that has been cooled to a very low temperature. Nitrogen is a colorless, odorless, and tasteless gas that makes up about 78% of the Earth's atmosphere.

Liquid nitrogen is extremely cold, with a boiling point of -196 degrees Celsius (-321 degrees Fahrenheit) at atmospheric pressure. It is commonly used in various industrial, scientific, and medical applications due to its unique properties at low temperatures.

Here are a few key characteristics and applications of liquid nitrogen:

**Cryogenic Cooling:** Liquid nitrogen is widely used as a coolant in various applications, such as cryogenic freezing and preservation of biological samples, food processing, and cryotherapy for medical treatments.

**Laboratory Research:** In scientific research, liquid nitrogen is used for cryopreservation of cells, tissues, and reproductive materials. It is also used in laboratories for rapid freezing of samples, as well as for creating low-temperature environments for certain experiments.

**Industrial Applications:** Liquid nitrogen finds use in industrial processes such as cryogenic grinding, where materials are pulverized at very low temperatures to achieve fine particle sizes. It is also employed in cooling and shrinking metal components for assembly or disassembly purposes.

**Food and Beverage Industry:** Liquid nitrogen is used in the culinary field for flash-freezing ingredients, creating unique textures in foods like ice creams and sorbets. It is also utilized in cocktail preparation for dramatic effects like creating fog or freezing glassware.

**Cryosurgery:** In medicine, liquid nitrogen is used for cryosurgical procedures, such as the removal of warts, skin lesions, and precancerous cells. The extreme cold temperature destroys abnormal tissues or cells by freezing them.

It's important to handle liquid nitrogen with caution due to its extremely low temperature and potential for frostbite or burns upon contact with skin or other materials. Proper safety protocols and protective equipment should be followed when working with or storing liquid nitrogen.

### Basic Info.

Pressure Level	High Pressure (10.0MPa≤p<100.0MPa) Condition		New
Content2	Argon	Purity	99.999%/99.99%/99.9%
Content1	Oxygen	Transport Package	Sea Transportation
Specification	175L 200L 240L	Trademark	CMC
Origin	Suzhou	HS Code	7311009000
Production Capacity	2000piece/Month		

- Detailed
- Photos







## Product Parameters

### PRODUCT DISPLAY

Product Name	Liquid Oxygen
Molecular Formula	LOX
Einecs No.	231-956-9
Place Of Origin	Suzhou, China
Purity	99.50%
Grade	Electron Grade, Industrial Grade
Hazard Class	2.2
Molecular Weight	32
Un	1072
Boiling Point(°C)	( -182.96 °C)
Packing Method	Gas Cylinder
Packing Detail	TTank Car:22m³ Content:25tons



GAS CYLINDER

TANK CAR

### 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			

## Workshop Display:





**Monitor**

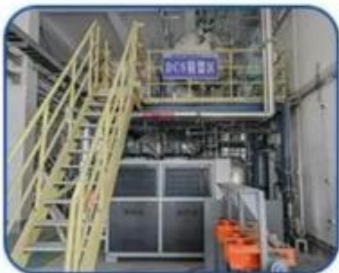


**Laboratory**



**Equipment**

**Zone of rectification**



**Gas filling**



**Equipment**



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