



## Cylinder Gas China Best Price 5n Nh3 High Purity 99.999% Ammonia Gas

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Nh3
- Minimum Order Quantity: 1kg
- Price: US \$ 1/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year



### Product Specification

- Product Name: Ammonia Gas
- Melting Point: -77.7 °C
- Appearance: Colorless, Strong Pungent Odor
- Boiling Point: -33.5 °C
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Valve: Qf-10/Diss720
- Cylinder Standard: DOT/ISO/GB
- Transport Package: 47L, 100L, 800L
- Specification: 47L, 100L, 800L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 28141000
- Supply Ability: 20000tons/Year
- CAS No.: 7664-41-7
- Formula: Nh3



### More Images



## Product Description

### Product Description

Ammonia gas, also known as anhydrous ammonia, is a colorless gas with a strong, pungent odor. Its chemical formula is  $\text{NH}_3$ , and it consists of one nitrogen atom bonded to three hydrogen atoms. Ammonia is highly soluble in water, and it readily forms a strongly alkaline solution.

Ammonia is commonly used in various industries and applications. Here are a few notable uses:

**Fertilizer:** Ammonia is a vital component in the production of nitrogen-based fertilizers. It provides an essential source of nitrogen for plants, promoting healthy growth and increasing crop yields.

**Refrigeration:** Ammonia is widely used as a refrigerant in industrial refrigeration systems, particularly in large-scale applications like food processing and cold storage. It has excellent thermodynamic properties and is environmentally friendly, with zero ozone depletion potential and a low global warming potential.

**Cleaning agent:** Ammonia is an effective cleaning agent and is often used in household cleaners such as glass cleaners and floor cleaners. It can help remove stains, grease, and dirt from various surfaces.

**Industrial applications:** Ammonia is utilized in various industrial processes, including the production of pharmaceuticals, plastics, and textiles. It is a precursor in the manufacturing of numerous chemicals, such as nitric acid, urea, and ammonium nitrate.

**Water treatment:** Ammonia is sometimes used in water treatment facilities to remove contaminants and control pH levels. It can react with certain chemicals and metals to form stable complexes, aiding in the removal of impurities.

While ammonia has numerous industrial applications, it is important to handle it with care. It is highly toxic, and exposure to high concentrations of ammonia gas can be hazardous to human health. Proper safety precautions and ventilation should be observed when working with or around ammonia.

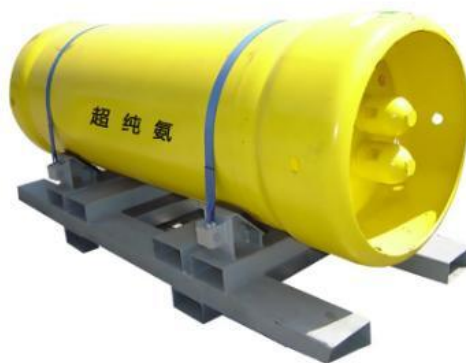
#### Basic Info.

|                   |                               |                     |                       |
|-------------------|-------------------------------|---------------------|-----------------------|
| Molecular Weight  | 17.04                         | Density             | 0.73Kg/m <sup>3</sup> |
| Melting Point     | -77.7°C                       | Boiling Point       | -33.5°C               |
| Appearance        | Colorless,Strong Pungent Odor | Un No.              | 1005                  |
| DOT Class         | 2.3&8                         | Valve               | QF-10/Diss720         |
| Cylinder Standard | GB/ISO/DOT                    | Cylinder Pressure   | 3Mpa/15Mpa/20Mpa      |
| Transport Package | 100L,800L                     | Specification       | 99.9%,99.99999%       |
| Trademark         | CMC                           | Origin              | China                 |
| HS Code           | 28141000                      | Production Capacity | 20000tons/Year        |

#### Specification:

| Specification | Company Standard |
|---------------|------------------|
| $\text{NH}_3$ | $\geq 99.9\%$    |
| Residue       | $\leq 0.2\%$     |

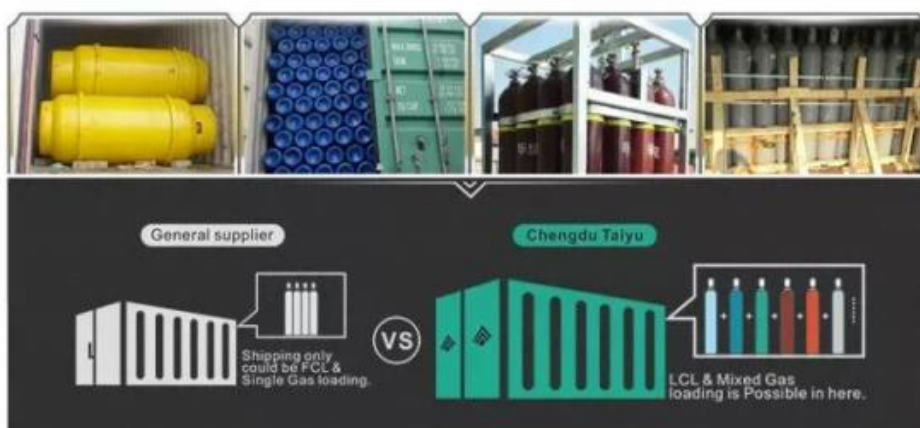
#### Detailed Photos





Packaging & Shipping

## PACKING & SHIPPING



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: 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               |                                 |
|                    |                                |                               | 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> |                                 |





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