



## China Good Factory Price High Purity Good Quality cylinder gas Ammonia

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 \$2/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 30 days
- Payment Terms: T/T
- Supply Ability: 20000 Tons/Year



### Product Specification

- Application: Specialty Gases
- Purity: 99.999%
- Cylinder Size: Various Sizes Available
- Formular: NH3
- Trademark: CMC
- Grade: Industrial Grade/Electric Grade
- Shelf Life: 2 Years
- Valve: CGA 580
- Storage: Store In A Cool, Dry, Well-ventilated Area



### More Images

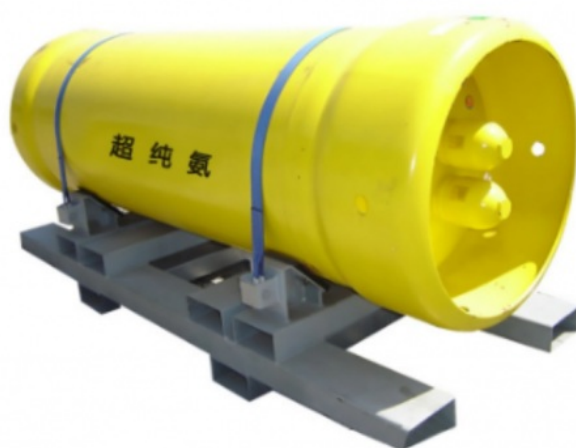


## Product Description

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Ammonia gas, often represented by the chemical formula  $\text{NH}_3$ , is a colorless gas with a pungent odor. It consists of one nitrogen atom bonded to three hydrogen atoms. Ammonia is a compound that occurs naturally in the environment, particularly in soil, water, and air. It can also be produced through industrial processes.

Here are some key points about ammonia gas:



1. Properties: At standard temperature and pressure, ammonia is a gas. It has a boiling point of  $-33.34$  degrees Celsius ( $-28.012$  degrees Fahrenheit) and a freezing point of  $-77.73$  degrees Celsius ( $-107.914$  degrees Fahrenheit). Ammonia is lighter than air and can form a flammable mixture when mixed with certain concentrations of air.
2. Common Uses: Ammonia gas has various applications in different industries. Some common uses include:

- **Fertilizer Production:** Ammonia is a key component in the production of nitrogen-based fertilizers. It provides an essential source of nitrogen for plants, promoting their growth and productivity.
  - **Refrigeration and Air Conditioning:** Ammonia is used as a refrigerant in industrial refrigeration systems and large-scale air conditioning units. It has excellent heat transfer properties and is environmentally friendly, with zero ozone depletion potential (ODP) and low global warming potential (GWP).
  - **Cleaning Agent:** Ammonia is a common ingredient in household cleaning products. It is particularly effective in removing grease and stains from surfaces like glass, stainless steel, and porcelain.
  - **Industrial Processes:** Ammonia is used in various industrial processes, including the production of plastics, fibers, explosives, and pharmaceuticals. It serves as a precursor or a reactant in these processes.
  - **Water Treatment:** Ammonia is employed in water treatment plants to remove impurities and control pH levels. It can react with certain contaminants, such as chlorine, to form less harmful compounds.
3. **Production:** Ammonia gas is produced industrially through the Haber-Bosch process, which combines nitrogen gas (N<sub>2</sub>) and hydrogen gas (H<sub>2</sub>) under high temperature and pressure in the presence of a catalyst. This process allows for the large-scale production of ammonia gas for industrial and commercial purposes.

### Basic Info.

Model NO.	Nh3
Product Name	Ammonia Gas
Melting Point	-77.7 °C
Boiling Point	-33.5 °C
Cylinder Pressure	3MPa/15MPa/20MPa
Cylinder Standard	DOT/ISO/GB
Transport Package	100L, 800L
Specification	100L, 800L
Origin	China
HS Code	28141000
Production Capacity	20000 Tons/Year

Q:Can you provide Assurance Trade Order ?

A: Yes if you just purchase empty gas cylinder.

Q:Can we visit CMC factory ?

A: Welcome to our factory , we will serve for you best.

### FAQ:

Q: What's CMC main sales products?

A: We mainly supply specialty gases and gas equipments.

Q:What's CMC order MOQ?

A: We advice our customer one container at least , anyway we prefer our clients demand.

Q:How long is the delivery time?

A:Normally 30 days after deposit paid.

Q:Which port will you ship?

A: HongKong, QingDao , Shanghai or according to customers' demand.





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