



Cylinder Gas Factory Price High Purity Wholesale Gas Nh3 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 \$ 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
- Cylinder Standard: DOT/ISO/GB
- Transport Package: Bottle
- Specification: DOT/ISO/GB
- Trademark: CMC
- Origin: China
- HS Code: 28141000
- Supply Ability: 20000 Tons/Year
- CAS No.: 7664-41-7
- Formula: Nh3



More Images



Product Description

Product Description

NH₃ refers to ammonia, which is a chemical compound composed of one nitrogen atom bonded to three hydrogen atoms. Here are some key points about NH₃:

Chemical Formula: NH₃

Molecular Weight: 17.03 g/mol

Structure: NH₃ has a pyramidal molecular geometry, with the nitrogen atom at the center and the three hydrogen atoms arranged around it.

Physical Properties: Ammonia is a colorless gas with a pungent odor. It has a boiling point of -33.34°C (-28.012°F) and a melting point of -77.73°C (-107.914°F). It is highly soluble in water, and its aqueous solution is commonly known as aqueous ammonia or ammonia water.

Production: Ammonia is primarily produced through the Haber-Bosch process, which involves combining nitrogen gas (N₂) and hydrogen gas (H₂) under high pressure and temperature in the presence of a catalyst.

Uses: Ammonia has numerous industrial and commercial applications. It is widely used as a fertilizer in agriculture due to its high nitrogen content. It is also used as a refrigerant in cooling systems, a precursor in the production of various chemicals, and a cleaning agent in household and industrial settings. Additionally, ammonia is utilized in the manufacturing of dyes, textiles, plastics, and explosives.

Basicity and Reactivity: Ammonia is a weak base, meaning it can accept a proton (H⁺) to form ammonium ions (NH₄⁺). It can react with acids to form salts, known as ammonium salts. Ammonia is also a reducing agent and can participate in various redox reactions.

Safety Considerations: Ammonia is toxic and can be hazardous when inhaled or exposed to the skin or eyes. It is important to handle and store ammonia with caution, ensuring proper ventilation and using appropriate personal protective equipment.

Environmental Impact: Ammonia can contribute to air and water pollution if released into the environment without proper treatment. Its presence in water bodies can lead to eutrophication, which can have detrimental effects on aquatic ecosystems.

Ammonia and Ammonium Compounds: Ammonia can form ammonium compounds by reacting with acids. Ammonium compounds are widely used in various industries and have diverse applications.

Basic Info.

Molecular Weight	17.04	Density	0.73Kg/m ³
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

Product Description

Ammonia is a colorless liquid with a strong pungent odor and is corrosive.

Ammonia is an important chemical raw material. In order to facilitate transportation and storage, liquid ammonia is usually obtained by pressurizing or cooling gaseous ammonia.

Specification:

Specification	Company Standard
NH ₃	≥ 99.8%
Residue	< 0.2%

PRODUCT DETAILS



PRODUCT LINE



Product Pictures



Ammonia. NH_3



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: H_2 , O_2 , N_2 , Ar, CO_2 , propane, acetylene, helium, laser mixed gas, SiH_4 , SiH_2Cl_2 , SiHCl_3 , SiCl_4 , NH_3 , CF_4 , NF_3 , SF_6 , HCL , N_2O , doping mixed gas (TMB, PH_3 , B_2H_6) and other electronic gases.

SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCl+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	Cl2						He +As
BBr3	C3H6	DCE						Ge+Se
POCl3	N2	SO2						D+B
BCl3	D2	CO2						CO+NO
SiHCl3	CH2F2	HF						Ar+O2
TMAI	DMZn	DEZn						Xe+NO
AsH3	C2H4	C2H2						
HBr	COS							

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