

Cylinder Gas China Factory High Purity Best Price OEM Nh3 Ammonia

Basic Information

. Place of Origin: China Brand Name: CMC COA · Certification: Nh3 Model Number: • Minimum Order Quantity: 1kg • Price: US \$ 1/kg Cylinder/Tank · Packaging Details: • 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 800L, 100L Transport Package: · Specification: 800L, 100L CMC • Trademark: China • Origin: 28141000 . HS Code: . 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 q/mol

Structure: NH3 has a trigonal pyramidal molecular geometry, with the nitrogen atom at the center and three hydrogen atoms surrounding 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 ammonia water or ammonium hydroxide.

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

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 utilized in the production of various chemicals, such as nitric acid, urea, and ammonium nitrate. Additionally, ammonia is employed as a refrigerant, a cleaning agent, and in the manufacturing of certain plastics, fibers, and pharmaceuticals.

Basicity and Reactions: Ammonia acts as a weak base, readily accepting a proton (H+) to form the ammonium ion (NH4+). It can react with acids to form ammonium salts. Ammonia can also participate in various organic and inorganic reactions, including redox reactions and coordination complexes.

Toxicity: While ammonia is toxic, its strong odor helps to detect its presence at low concentrations. Inhalation of high concentrations of ammonia vapor can cause irritation and damage to the respiratory system. Proper ventilation and safety precautions should be taken when handling or working with ammonia.

Environmental Impact: Ammonia can have environmental implications, particularly when released into water bodies or the atmosphere. It can contribute to eutrophication, which is the excessive growth of algae and depletion of oxygen in aquatic ecosystems. Ammonia emissions can also contribute to air pollution and the formation of particulate matter.

Safety Considerations: When handling ammonia, it is important to wear appropriate protective equipment, ensure proper ventilation, and follow safe handling and storage practices to minimize the risk of exposure and accidents.

Basic Info

Transport Package: 800L, 100L

Trademark: CMC

Boiling Point

-77.7 °C

-33.5 °C

Production

Specification 99.80% Froduction 20000 Tons/Year Capacity

Cylinder Pressure 3MPa/15MPa/20MPa Valve Qf-10

Specification

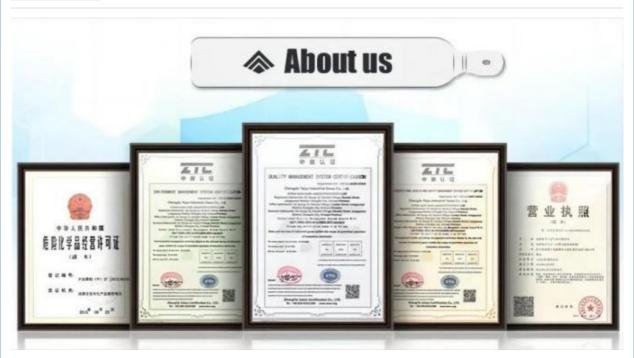
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Specification	Company Standard
NH3	≥ 99.8%
Residue	< 0.2%

Detailed Photos





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.

CH3F H₂S F6+CI2 NH3 WF6 SiCI4 NH3 SiH4 Kr

C2 HCI+Ne C3F8 C3F8 **TEOS** CH4 PH₃ SF6 4MS

C4F8 SiH2 CF4

SiF4 **C3H8** CI2

DCE BBr3 **C3H6**

POCI3 SO2 N2

CO2 BCI3 D2

SiHCI3 CH2F2

TMAI DMZn DEZn

HF

AsH3

GeH4

C2H6

C2H4

B2H6

C2H2

H2Se

HBr

GeCl4

COS

Xe+NO

TMB+H2

He +As

Ge+Se

D+B

CO+NO

Ar+O2







Shanghai Kemike Chemical Co.,Ltd

