Cylinder Gas 20MPa Ammonia Nh3 Cylinder Yellow Compressed Ammonia Gas

Our Product Introduction

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
- Appearance: Colorless
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Cylinder Standard: DOT/ISO/GB
- Boiling Point: -33.5ºC
- Melting Point: -77.7ºC
- Specification: 800L, 100L
- Trademark: CMC
- Origin: China
- HS Code: 28141000
- Supply Ability: 20000 Tons/Year
- CAS No.: 7664-41-7
- Formula: Nh3
- EINECS: 231-635-3
- Constituent: Industrial Pure Air

More Images

Product Description

Ammonia gas is a compound composed of nitrogen and hydrogen with the chemical formula NH3. It is a colorless gas with a pungent odor. Ammonia gas is highly soluble in water and forms a strong alkaline solution. It is commonly used in various industrial applications, as well as in household and agricultural settings.

Here are some key points about ammonia gas:

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

Uses: Ammonia gas has numerous applications across different industries. Some common uses include:

Fertilizer production: Ammonia gas is a key component in the manufacturing of nitrogen-based fertilizers. It provides a vital source of nitrogen for plants and helps promote healthy growth.

Refrigeration: Ammonia has excellent thermodynamic properties and is used as a refrigerant in industrial refrigeration systems.

Cleaning agents: Ammonia is a common ingredient in household cleaning products due to its ability to dissolve grease and remove stains.

Chemical synthesis: Ammonia is a precursor in the production of various chemicals, such as nitric acid, urea, and ammonium nitrate.

Water treatment: Ammonia is used in water treatment processes to remove impurities and control pH levels.

Safety considerations: While ammonia gas has many practical applications, it is important to handle it with caution due to its toxic and irritating properties. Exposure to high concentrations of ammonia gas can cause respiratory distress, eye irritation, and skin burns. Adequate ventilation and protective equipment should be used when working with or around ammonia gas.

Environmental impact: Ammonia gas can also contribute to environmental issues. When released into the air, it can react with other pollutants and contribute to the formation of particulate matter and smog. Additionally, excessive ammonia discharges into water bodies can lead to eutrophication, causing harm to aquatic ecosystems.

Basic Info

Transport Package:	800L, 100L	Melting Point	-77.7 ºC
Trademark:	CMC	Boiling Point	-33.5 ºC
Specification	99.80%	Production Capacity	20000 Tons/Year
Cylinder Pressure	3MPa/15MPa/20MPa	Valve	Qf-10

Specification

Specification	Company Standard
NH3	≥ 99.8%
Residue	< 0.2%

Detailed Photos


TYHJ
NH3


NH3
NH3

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.

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	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAl	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO

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