



Cylinder Gas High quality China Factory HCl Anhydrous Hydrogen Chloride

Our Product Introduction

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Basic Information

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

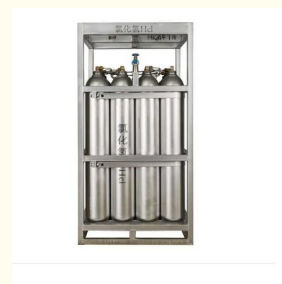


Product Specification

- Product Name: Anhydrous Hydrogen Chloride
- Melting Point: -114.2 °C
- Appearance: Colorless, Pungent Odor
- Boiling Point: -85.1 °C
- Cylinder Pressure: 15MPa/20MPa
- Valve: Cga330/Cga660
- Cylinder Standard: GB/ISO/DOT
- Transport Package: Sea Transportation
- Specification: 44L 100L 270L
- Trademark: CMC
- Origin: Suzhou, China
- CAS No.: 7647-01-0
- Formula: HCl
- EINECS: 231-595-7
- Constituent: Industrial Pure Air



More Images



Product Description

Product Description

Anhydrous hydrogen chloride (HCl) refers to hydrogen chloride gas that is free of water or moisture. Here are some key points about anhydrous hydrogen chloride:

Composition: Anhydrous hydrogen chloride is a gas composed of hydrogen (H) and chlorine (Cl) atoms. It is the gaseous form of hydrogen chloride, which is typically a liquid when in contact with water.

Production: Anhydrous hydrogen chloride can be produced by removing water from hydrogen chloride gas. This is typically done through a drying process using various methods, such as passing the gas over drying agents like calcium chloride or sulfuric acid.

Properties: Anhydrous hydrogen chloride is a colorless gas with a strong, pungent odor. It is highly soluble in water, and when exposed to moisture, it readily reacts with water to form hydrochloric acid (HCl) solution. It is corrosive and can cause severe burns to the skin, eyes, and respiratory system.

Uses: Anhydrous hydrogen chloride has various industrial applications:

Chemical Synthesis: It is used as a reactant or catalyst in various chemical reactions, including the production of dyes, plastics, pharmaceuticals, and synthetic rubber.

Semiconductor Industry: Anhydrous hydrogen chloride is utilized in the semiconductor industry for etching and cleaning silicon wafers during the manufacturing process.

Organic Synthesis: It is used for the synthesis of organic compounds, such as alkyl chlorides, chloroform, and vinyl chloride.

pH Control: Anhydrous hydrogen chloride is employed for pH adjustment in industrial processes, water treatment, and laboratory applications.

Safety Considerations: Anhydrous hydrogen chloride is highly corrosive and poses significant health hazards. It can cause severe burns, eye damage, and respiratory distress upon contact or inhalation. It is important to handle anhydrous hydrogen chloride with extreme caution, ensuring proper safety measures, including the use of suitable protective equipment, ventilation, and safe handling procedures. Storage and transportation should adhere to strict safety protocols and regulations.

It's crucial to note that anhydrous hydrogen chloride should only be handled by trained personnel in appropriate facilities equipped with the necessary safety measures to mitigate the risks associated with its use.

Specification:

Molecular Weight	36.46	Density	1.477Kg/m ³
Melting Point	-114.2°C	Boiling Point	-85.1°C
Appearance	Colorless,Pungent	Un No.	1050
DOT Class	2.3&8	Valve	CGA660
Cylinder Standard	GB/ISO/DOT	Cylinder Pressure	15Mpa/20Mpa
Transport Package	44L	Specification	99.9%
Trademark	CMC	Origin	China
HS Code	28061000	Production Capacity	2000tons/Year

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.

SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn						Xe+NO
AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	Ar+O ₂			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			



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