Industrial Purity 99.9% Cylinder Gas Hcl Anhydrous Hydrogen Chloride

Our Product Introduction

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
- Valve: Cga330
- Cylinder Standard: DOT/ISO/GB
- Appearance: Colorless Gas
- Purity: 99.999%
- Boiling Point: -85.1 ºC
- Density: 1.477 Kg/M³
- Melting Point: -114.2 ºC
- Transport Package: Sea Transportation
- Specification: 44L, 82.5L
- Trademark: CMC
- Origin: Suzhou, China
- CAS No.: 7647-01-0
- Formula: HCl
- EINECS: 231-595-7

More Images

Our Product Introduction

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Product Description

Industrial HCl Anhydrous Hydrogen Chloride Gas Tank Purity 99.9%

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

Chemical Composition: Anhydrous hydrogen chloride consists solely of hydrogen (H) and chlorine (Cl) atoms. It is a diatomic molecule (HCl) and exists as a gas at room temperature and pressure.

Removal of Water: Anhydrous hydrogen chloride is obtained by removing water vapor from hydrogen chloride gas. This can be achieved through various methods, such as passing the gas through desiccants or using condensation techniques to separate the water vapor.

Properties: Anhydrous hydrogen chloride gas is a colorless gas with a pungent, suffocating odor. It is highly soluble in water and readily forms hydrochloric acid when in contact with moisture.

Uses: Anhydrous hydrogen chloride has several industrial applications:

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

Synthetic Rubber Production: Anhydrous hydrogen chloride is employed in the production of synthetic rubber, where it helps facilitate polymerization reactions.

Metal Processing: It is used for metal surface treatment, such as pickling and cleaning, to remove oxides, rust, and other impurities from metal surfaces.

Semiconductor Industry: Anhydrous hydrogen chloride is utilized in the semiconductor industry for etching and cleaning silicon wafers during the fabrication of microelectronic devices.

Safety Considerations: Anhydrous hydrogen chloride is highly corrosive and toxic. It can cause severe burns and respiratory irritation. It is crucial to handle anhydrous hydrogen chloride with extreme care, following proper safety protocols, including the use of protective equipment, adequate ventilation, and appropriate storage and handling procedures.

Given its hazardous nature, anhydrous hydrogen chloride should only be handled by trained personnel in well-equipped facilities that adhere to safety regulations and guidelines.

Specification:

Molecular Weight	36.46	Density	1.477Kg/m³
Melting Point	-114.2ºC	Boiling Point	-85.1ºC
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


氯化氢 Hcl


氯化氢Hcl
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氯化氢
Hcl


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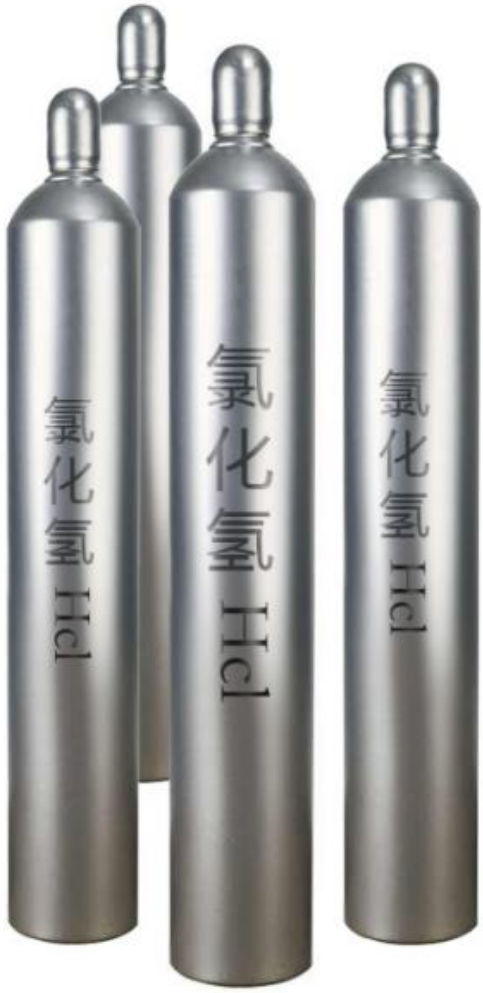

Company Profile

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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