



## HCl Hydrogen Chloride Cylinder Gas China Factory Best Price Metal cleaning and etching

### Our Product Introduction

for more products please visit us on [gascylindertank.com](http://gascylindertank.com)

#### 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: 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

Hydrogen chloride (HCl) is a chemical compound composed of hydrogen and chlorine. It is a strong acid and is commonly encountered in the form of a colorless gas. When dissolved in water, it forms hydrochloric acid, which is a highly corrosive solution commonly used in industrial processes and laboratory work.

Here are some key points about hydrogen chloride:

1. Chemical Formula: HCl
  2. Physical Properties: Hydrogen chloride is a colorless gas with a pungent odor. It is highly soluble in water, and the resulting solution is commonly known as hydrochloric acid.
  3. Production: Hydrogen chloride can be produced by several methods, including the direct combination of hydrogen gas (H<sub>2</sub>) and chlorine gas (Cl<sub>2</sub>), as well as by the reaction of certain chloride salts with strong acids.
  4. Uses: Hydrogen chloride has various applications in different industries. Some common uses include:
    - Production of hydrochloric acid: Hydrogen chloride is widely used in the production of hydrochloric acid, an essential chemical in various industrial processes.
    - Chemical synthesis: It serves as a reagent in the synthesis of various organic and inorganic compounds.
    - pH adjustment: Hydrochloric acid is often used to adjust the pH levels in swimming pools, water treatment systems, and laboratory experiments.
    - Metal cleaning and etching: It is employed in metal cleaning and etching processes, such as the pickling of steel.
  5. Safety and Hazards: Hydrogen chloride is a highly corrosive substance that can cause severe burns and eye damage. It is also toxic when inhaled or ingested. Adequate precautions, such as proper ventilation and protective equipment, should be taken when working with hydrogen chloride or hydrochloric acid.
- It's important to handle hydrogen chloride and hydrochloric acid with caution due to their corrosive and hazardous nature. If you have any specific questions or need further information, feel free to ask!

#### Specification:

Molecular Weight	36.46	Density	1.477Kg/m <sup>3</sup>
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 Photo



#### Company Profile

## About us



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<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.


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



 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 [williamchen@cmc-chemical.com](mailto:williamchen@cmc-chemical.com)

 [gascylindertank.com](http://gascylindertank.com)