



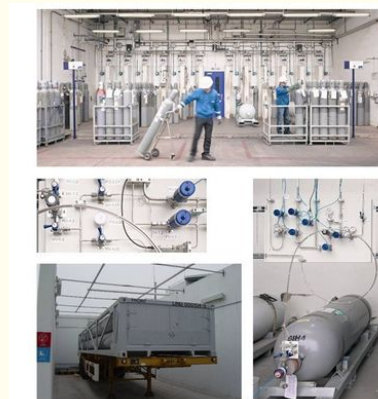
## Cylinder Gas China Best Price HF Industrial Gas 5n Hydrogen Fluoride

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: HF
- 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 Fluoride
- Purity: 99.999%
- Orign: China
- Transport: Sea Transportation
- Model No.: 99.99999.999% Hf
- Transport Package: 40L, 47L, 50L Etc
- Specification: 40L, 47L, 50L Etc
- Trademark: CMC
- Origin: China
- HS Code: 2812190091
- Supply Ability: 30000 Metric Ton Per Year
- CAS No.: 7664-39-3
- Formula: Hf
- EINECS: 7783-82-6
- Constituent: Industrial Pure Air



### More Images



Product Description

Product Description

Hydrogen fluoride (HF) is a chemical compound consisting of hydrogen (H) and fluorine (F) atoms. It is an inorganic acid with a strong acidic nature. Here are some key points about hydrogen fluoride:

Properties: Hydrogen fluoride is a colorless liquid or a gas at room temperature, depending on the pressure. It has a sharp, pungent odor and is highly soluble in water. HF is highly corrosive and can react with many materials, including metals, glass, and ceramics.

Production: Hydrogen fluoride can be produced through various methods. One common method involves the reaction of calcium fluoride (CaF2) with sulfuric acid (H2SO4). The reaction produces calcium sulfate (CaSO4) and releases hydrogen fluoride gas. Other methods involve the reaction of fluorite (CaF2) with concentrated sulfuric acid or the reaction of fluorapatite (Ca5(PO4)3F) with sulfuric acid.

Uses: Hydrogen fluoride has several applications in different industries:

Chemical Industry: HF is used as a catalyst or reactant in various chemical reactions, including the production of fluorocarbons, fluoropolymers, and pharmaceuticals. It is also employed in the petroleum refining industry for alkylation processes.

Glass Etching: Hydrogen fluoride is commonly used for etching or engraving glass. It reacts with the silica (SiO2) in glass, creating a frosted or matte appearance on the surface.

Metal Surface Treatment: HF is used for cleaning and surface treatment of metals, particularly in industries such as electronics and semiconductor manufacturing. It can remove oxide layers and impurities from metal surfaces.

Laboratory Applications: Hydrogen fluoride is utilized in laboratories for various purposes, such as analytical chemistry, sample preparation, and glassware cleaning.

Safety Considerations: Hydrogen fluoride is highly corrosive and toxic. It can cause severe burns to the skin, eyes, and respiratory system. Inhalation or exposure to HF vapor or liquid can result in serious health effects. Proper safety precautions, such as the use of protective equipment, ventilation, and proper handling procedures, should be followed when working with hydrogen fluoride.

It is crucial to handle hydrogen fluoride with extreme care and adhere to strict safety protocols and regulations due to its hazardous nature.

Basic Info.

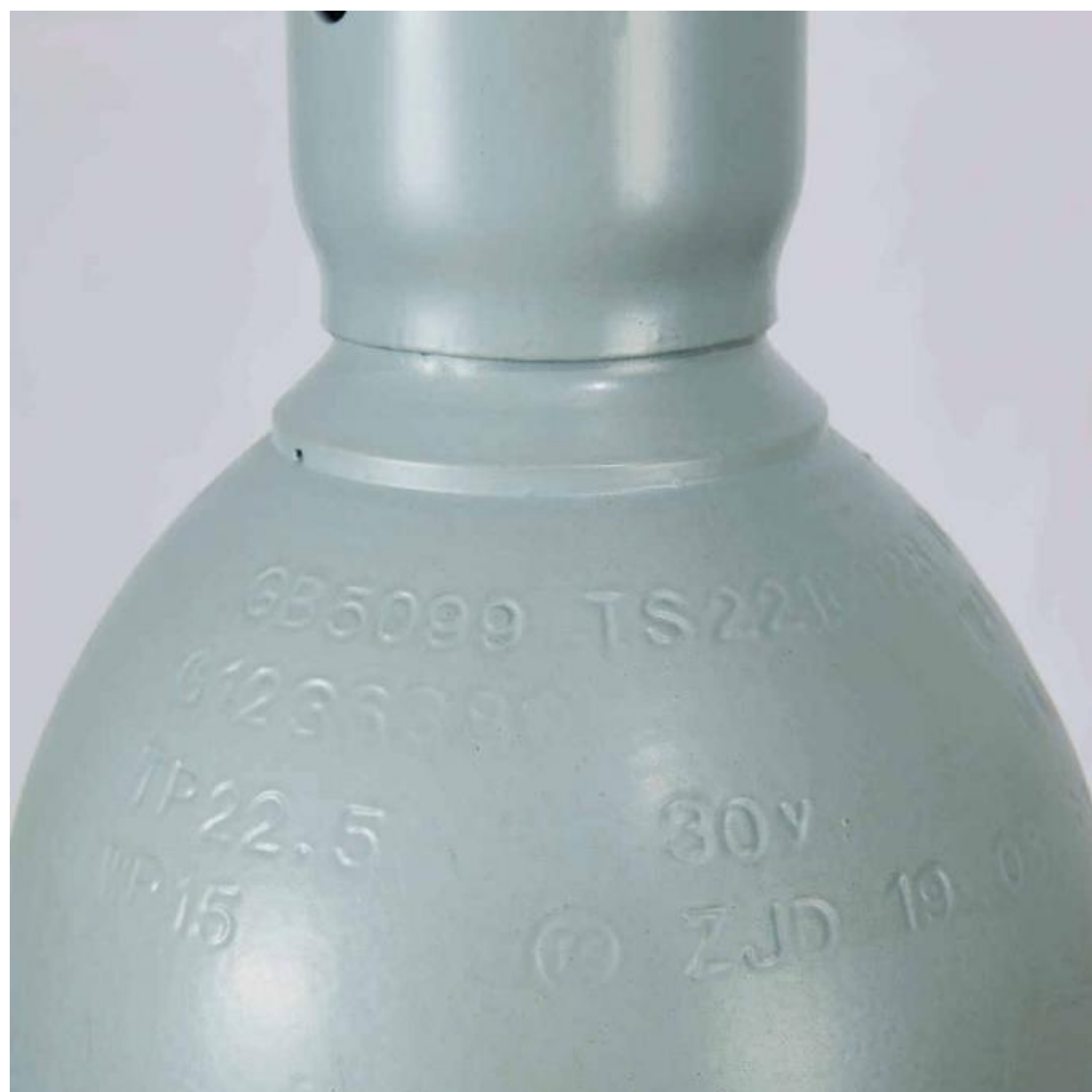
Model No:	HF	Purity	99.95%%
Transport Package	ISO Tank/Cylinder Specification		ISO Tank/Cylinder
Appearance	CMC	Origin	Suzhou,China
HS Code	2812190091	Production Capacity	30000 Metric Ton Per Year

Specification:

Items	Details		
	A	B	C
Hydrofluoric Content ppm ≥	99.99	99.95	99.90
Moisture ppm≤	50	300	600
Fluorosoillic Acid ppm≤	30	100	200
Sulfur dioxide(SO2) ppm≤	20	70	150
Non-volatile Acid(H2SO4) ppm≤	20	50	200
Non-volatile Acid(H2SO4) ppm≤	20	50	200
As ppm ≤	5	10	

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: 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.



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