

Hot Sale High Purity Factroy Price 99.999% 5n Hf Gas hydrogen fluoride

Basic Information

. Place of Origin: China . Brand Name: CMC COA · Certification: Model Number: Hf • Minimum Order Quantity: 1kg • Price: US \$5/kg Cylinder/Tank · Packaging Details: • Delivery Time: 15 days Payment Terms: L/C, T/T . Supply Ability: 30000 Tons/Year



Product Specification

• Product Name: Hydrogen Fluoride Gas

Working Pressure: 15MPaTest Pressure: 22.5MPaPurity: 99.999%

Transport: Sea Transportation
Transport Package: 40L, 47L, 50L Etc
Specification: 40L, 47L, 50L Etc

Trademark: CMCOrigin: ChinaHS Code: 2812190091

• Supply Ability: 30000 Metric Ton Per Year

CAS No.: 7664-39-3
Formula: Hf
EINECS: 7783-82-6
Constituent: Industrial Pure Air



Hydrogen Fluoride

More Images





Product Description

Product Description

Hydrogen fluoride (HF) is a chemical compound composed of hydrogen and fluorine. It is a colorless gas or a fuming liquid at room temperature, depending on the pressure. HF is highly corrosive and toxic, posing significant hazards to human health.

Here are some key points about hydrogen fluoride:

Chemical Formula: HF

Molecular Weight: 20.01 g/mol

Physical Properties: HF is a gas at temperatures above -83.6°C (-118.5°F) and atmospheric pressure. When cooled, it condenses into a fuming liquid.

Acidity: Hydrogen fluoride is a weak acid in water, partially dissociating to form hydronium ions (H3O+) and fluoride ions (F-).

Corrosiveness: HF is highly corrosive to metals, glass, ceramics, and organic materials. It reacts with moisture in the air to form corrosive hydrogen fluoride fumes.

Industrial Uses: HF is used in various industrial processes, including glass etching, metal cleaning, petroleum refining, and manufacturing of fluorine-containing compounds.

Health Hazards: HF is a severe health hazard. It can cause severe burns upon contact with the skin, eyes, or respiratory system. Inhalation or ingestion of HF can lead to systemic toxicity and damage to internal organs, including the lungs and bones.

Safety Precautions: Handling HF requires strict safety measures, such as the use of protective equipment like gloves, goggles, and respiratory protection. It should be used in well-ventilated areas or under controlled conditions.

First Aid: In case of HF exposure, immediate medical attention is crucial. Affected areas should be flushed with water, and medical professionals should be consulted.

Regulations: Due to its hazardous nature, the handling, storage, and transportation of hydrogen fluoride are regulated by various authorities and organizations to ensure proper safety precautions.

It is important to note that hydrogen fluoride should be handled with extreme caution due to its corrosive and toxic properties. Proper safety procedures and equipment should always be used when working with this chemical.

Basic Info.

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

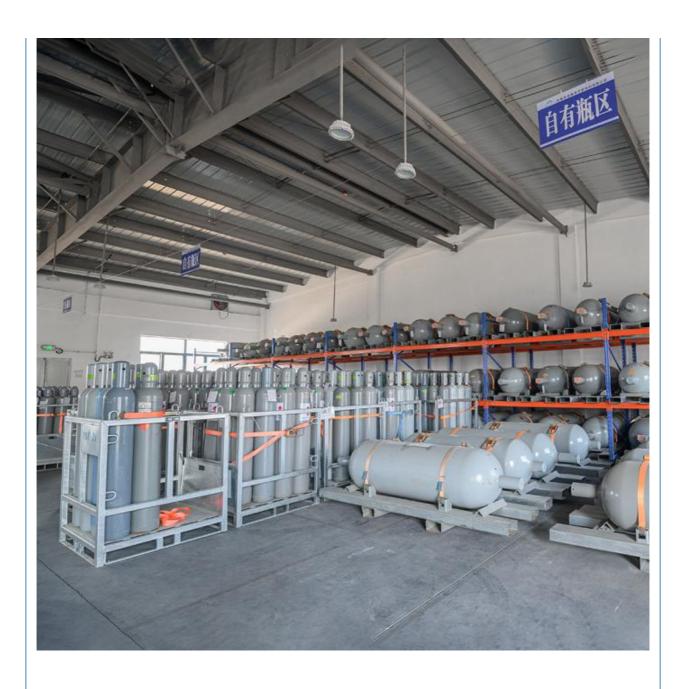
Specification:

| Items | Details | | |
|---------------------------------------|---------|-------|-------|
| | Α | В | С |
| Hydrofluoric Content ppm ≥ | 99.99 | 99.95 | 99.90 |
| Moisture ppm≤ | 50 | 300 | 600 |
| Fluorsoilicic Acid ppm≤ | 30 | 100 | 200 |
| Sulfur dioxide(SO ₂) ppm≤ | 20 | 70 | 150 |
| Non-volatile Acid(H2SO4) ppm≤ | 20 | 50 | 200 |
| Non-volatile Acid(H2SO4) ppm≤ | 20 | 50 | 200 |
| As ppm ≤ | 5 | 10 | |

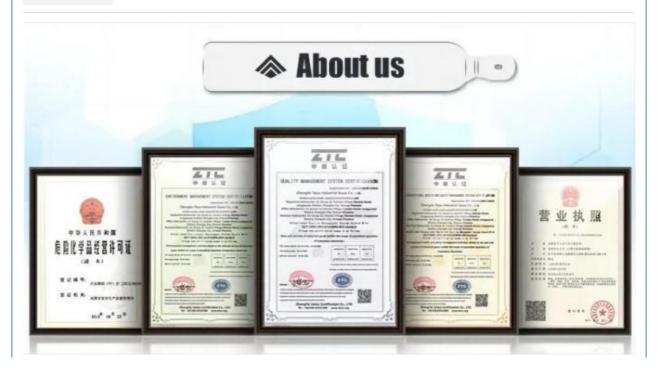
Detailed Photos







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: 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.

Shanghai Kemike Chemical Co.,Ltd

+86 18762990415

williamchen@cmc-chemical.com

@ gascylindertank.com