



China Wholesale Cheap Price High Purity 5n 99.999% Hf Cylinder Gas 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



Hydrogen Fluoride

Product Specification

- Product Name: Hydrogen Fluoride
- Test Pressure: 22.5MPa
- Purity: 99.999%
- Working Pressure: 15MPa
- Transport Package: Sea Transportation
- 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
- Grade Standard: Electronic Grade



More Images



Product Description

Product Description

Hydrogen fluoride (HF) is a compound composed of hydrogen and fluorine atoms. It is a highly corrosive and toxic gas at standard conditions, but it is commonly used in a liquid form known as hydrofluoric acid (HF(aq)).

Here are some key characteristics and uses of hydrogen fluoride:

Chemical Formula: HF

Physical State: Hydrogen fluoride is a colorless gas at room temperature. It has a pungent odor and is highly soluble in water, forming hydrofluoric acid.

Hydrofluoric Acid: When dissolved in water, hydrogen fluoride forms hydrofluoric acid. This acid is highly corrosive and can cause severe burns upon contact with the skin or inhalation of its vapors.

Chemical Reactivity: HF is a strong acid and a powerful source of fluoride ions. It is highly reactive and can react with various substances, including metals, glass, ceramics, and organic compounds.

Industrial Uses: Hydrogen fluoride finds applications in several industrial processes, including:

Etching and engraving glass and metal surfaces.

Manufacturing of fluorocarbons, which are used as refrigerants, propellants, and solvents.

Production of various chemicals, such as fluoropolymers and pharmaceuticals.

Petroleum refining and alkylation processes.

Laboratory Uses: Hydrofluoric acid is used in laboratory settings for tasks such as glass etching, sample preparation, and as a catalyst in certain reactions.

Safety Precautions: Due to its corrosive and toxic nature, handling hydrogen fluoride or hydrofluoric acid requires caution. Proper protective equipment, such as gloves, goggles, and a lab coat, should be worn. Spills should be immediately neutralized, and exposure to skin or inhalation of its vapors should be avoided.

Health Hazards: Hydrofluoric acid can cause severe burns on contact with the skin, eyes, or respiratory system. It can also penetrate the skin and cause systemic toxicity, affecting internal organs such as the heart, liver, and kidneys. In case of exposure, immediate medical attention is necessary.

Please note that due to the potential hazards associated with hydrogen fluoride and hydrofluoric acid, they should only be handled by trained professionals in appropriate laboratory or industrial settings.

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 |
| Fluorosoilicic Acid ppm≤ | 30 | 100 | 200 |
| Sulfur dioxide(SO ₂) ppm≤ | 20 | 70 | 150 |
| Non-volatile Acid(H ₂ SO ₄) ppm≤ | 20 | 50 | 200 |
| Non-volatile Acid(H ₂ SO ₄) ppm≤ | 20 | 50 | 200 |
| As ppm ≤ | 5 | 10 | |

Detailed

Photos







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: 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.

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