

# Hydrofluoric Acid - Global Market Outlook (2020-2028)

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## Abstracts

According to Statistics MRC, the Global Hydrofluoric Acid Market is accounted for \$1.85 million tons in 2020 and is expected to reach \$3.33 million tons by 2028 growing at a CAGR of 7.6% during the forecast period. Some of the key factors propelling the market growth include Growing Demand for Hydrofluorocarbons (Hfcs) and Hydrofluorolefins (Hfos), Increasing glass etching and cleaning application in the semiconductor industry, Increased Demand for Fluorine Compounds in Several Industries, and increasing use of HF in steel aluminum, petroleum, and pharmaceuticals industry. However, stringent regulations on the use of fluorocarbon refrigerants are hampering the market growth.

Hydrofluoric acid (HF), also known as fluorhydric acid and hydronium fluoride, is a solution of hydrogen fluoride with colorless appearance. It is a weak acid, and is highly corrosive and toxic for individuals, as it can damage lungs and cornea of eyes permanently. It is produced by treatment of fluorite with concentrated sulfuric acid. It is used in various industries such as mining, chemicals, refining, silicon chip fabrication, and for other research purposes. Hydrofluoric acid is also used in the production of aluminum fluoride, which is key to the manufacture of aluminum products.

By grade, the anhydrous hydrofluoric acid segment is expected to grow at a significant rate during the forecast period, due to the rising demand of this grade in fluorinated derivative production, fluorocarbon production, and oil refining applications is expected to raise the consumption of anhydrous hydrofluoric carbon globally. Anhydrous hydrofluoric acid (AHF) is the largest grade of hydrofluoric acid and is suitable for a wide range of applications such as fluorocarbon production, fluorinated derivative production, and oil refining. It is used as a pickling agent in metalworking, to remove the oxides and other impurities from carbon steels because of its ability to dissolve steel. AHF is usually found in the gaseous form with concentrations ranging between 99% and 100%. It is a very corrosive and toxic compound, making it difficult to handle and store.

On the basis of geography, Asia Pacific region is expected to fastest-growing market during the forecast period, owing to the presence of numerous fluorocarbon manufacturers in the region, massive demand from chemical and metallurgical industries, and actively growing manufacturing base in APAC. China is projected to be the fastest-growing market for hydrofluoric acid in Asia Pacific, followed by India and Japan due to numerous number of manufacturers. Moreover, the increasing demand for hydrofluoric acid from applications such as fluorocarbon production, fluorinated derivative production, metal pickling, and glass etching and cleaning is expected to drive the hydrofluoric acid market in these countries. In addition, Chinese players have been at an added advantage by government restrictions on the exports of fluorspar thereby putting pressure on the other regional and global suppliers.

Some of the key players in Hydrofluoric Acid Market include Daikin Industries Ltd., Buss ChemTech AG, Merck KGaA, Stella Chemifa Corporation, Laxness AG, Solvay SA, Fubao Group, Sinochem International Corp., Tanfac Industries Ltd., Honeywell International, Gujarat Fluorochemicals Ltd., Morita Chemical Industries Co. Ltd., Navin Fluorine International Limited, SRF Limited, Gulf Fluor, and Soulbrain Co., Ltd.

#### Grades Covered:

Diluted Hydrofluoric Acid

Anhydrous Hydrofluoric Acid

Aqueous Hydrofluoric Acid

#### Types Covered:

UP-S Grade

UP Grade

EL Grade

UP-SS Grade

**Products Covered:**

Industrial Hydrofluoric Acid

Electronic Hydrofluoric Acid

**Applications Covered:**

Steel Pickling and Metal Treatment

Fluorochemicals

Oil Refining

Glass Etching and Cleaning

Fluorinated Derivatives

Uranium Fuel Production

Petroleum Catalyst

Fluorocarbon Production

Organofluorine Compounds

Refining

Organic Synthesis

Integrated Circuit

Glass Product

Solar Energy

Monitor Panel

## Other Applications

### End Users Covered:

Chemical Processing

Electrical & Electronics (Microelectronic Industry)

Oil & Gas

Pharmaceuticals

Semiconductor Industry

Glass Industry

Refrigerant Industry

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

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Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis, etc.

Strategic recommendations in key business segments based on the market estimations

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Comprehensive profiling of additional market players (up to 3)

## SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

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Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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