

Global Hydrofluoric Acid Market Outlook to 2027

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Abstracts

Hydrofluoric Acid or HF is a clear, colorless fuming liquid that is highly corrosive and has a sharp and pungent odor. According to BlueQuark Research & Consulting, the global Hydrofluoric Acid market is expected to witness a significant growth rate during the forecasted period. Factors like the growing use of Hydrofluoric Acid in producing fluorine compounds such as fluorocarbons such as hydrofluorocarbons (HFCs), and hydro-fluoro olefins (HFOs), fluorides, and fluoropolymer are expected to drive the Global Hydrofluoric Acid Market. Further, the use of Hydrofluoric Acid to manufacture Aluminum Fluoride, a precursor for Aluminum production, is projected to drive the Global Hydrofluoric Acid Market. Furthermore, using Hydrofluoric Acid in the construction industry for glass etching and cleaning applications is expected to drive the global market. Other Hydrofluoric Acid applications for the production of pharmaceuticals and high-octane gasoline are estimated to drive the Global Market. However, factors like the high corrosiveness of Hydrofluoric Acid, capable of damaging the lungs, the cornea of the eyes and charring the skin, availability of substitutes, and stringent government regulations are expected to hinder the Global Hydrofluoric Acid Market.

Hydrofluoric Acid is used for making refrigerants, herbicides, pharmaceuticals, high-octane gasoline, aluminum, plastics, electrical components, glass etching, metal picking, and fluorescent light bulbs, along with other end-use industries like industrial, pharmaceutical, and construction.

The Chemical Industry is the most vital and primary consumer of Hydrofluoric Acid and its Products and is expected to drive the Global Demand for Hydrofluoric Acid. Hydrofluoric Acid is utilized expansively in the chemical industry to produce fluorine compounds like fluorides, fluorocarbons, and fluoropolymers. Hydrofluorocarbons (HFCs) and hydro fluoro-olefins (HFOs) are in turn utilized in many chief types of refrigerants used across the globe. Refrigerant is a widely used low-pressure gas that is

stored in copper coils, with the rapidly growing population and increasing temperatures, there has been a spike in the number of refrigerators and air-conditioners needed, thus fueling the demand for Hydrofluoric Acid driving the global market. Further, the use of fluoropolymers in various household and commercial products, waterproofing agents, lubricants, sealants, and other leather applications is expected to drive the global demand for Hydrofluoric Acid. Hydrofluoric Acid is a primary precursor to many vital compounds and materials, and there is a significant rise in the market for Hydrofluoric Acid. Furthermore, the increasing industrial growth and rising economic activities have made hydrofluoric Acid an essential compound for the development of the industry. All the factors thus add up to the growing need for Hydrofluoric Acid in the Chemical and Production Industry.

Some of the market's key players are Honeywell International Inc., Solvay S.A., Orbia, Yingpeng Chemical Co., Ltd., Arkema S.A., Lanxess AG, among others.

The Asia Pacific region is on its way to becoming the global leader in the production and consumption of Hydrofluoric Acid, with most of the consumption in populated countries like China and India. The growth is mainly attributed to the skyrocketing population, rapid urbanization, which have made the use of Hydrofluoric Acid and its derivatives skyrocket, thus increasing the demand in the region. Further, the use of fluoropolymers in emerging energy storage technologies, including fuel cells, batteries, and supercapacitors, is estimated to drive the market in the region as the Asia Pacific houses the leading automobile producers of the world. Furthermore, the use of Hydrofluoric Acid and its derivatives, especially aluminum fluoride, for the production of aluminum is projected to drive the regional market since the setting up of major industries like automotive, aerospace, construction, etc., in the region. Other Hydrofluoric Acid applications like metal processing, steel pickling, and metal surface treatment, amongst others, are projected to drive the demand of regional demand for Acid. Thus, the factors like these have made the Asia Pacific region a vital area for the growth of Hydrofluoric Acid.

In September 2021, Sumitomo Chemical planned to build a USD 90 million plant to supply Hydrogen Fluoride in South Korea.

In August 2021, WeylChem Group announced building a new plant for the production of Hydrogen Fluoride at its Allessa site in Fechenheim Industrial Park in Frankfurt.

In June 2020, Arkema S.A. announced a joint venture with Nutrien Ltd. to supply anhydrous Hydrogen Fluoride after an investment of USD 150 Million.

Global Hydrofluoric Acid Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Hydrofluoric Acid market by segmenting based on the Grade (Anhydrous Hydrofluoric Acid, Diluted Hydrofluoric Acid (above 50% concentration), Diluted Hydrofluoric Acid (below 50% concentration)), Type (UP Grade, UP-S Grade, UP-SS Grade, EL Grade), Application (Fluorocarbons, Fluorinated Derivatives, Glass Etching, Others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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Ill International Inc.

A.

g Chemical Co., Ltd.

S.A.

AG

le Nemours, Inc.

ustries Ltd

emifa Singapore Pte Ltd

NONFERROUS CHENZHOU FLUORIDE CHEMICAL CO.,LTD

Sanmei Chemical Co., Ltd.

mie Dohna GmbH

n Lantian Co., Ltd.

de Chemicals Co., Ltd.

luorchem Co. Ltd.

Sigma

Datang Chemical Co.,Ltd.

uan Chemical Co., Ltd.

Companies is not exhaustive

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