

Hexafluorosilicic Acid Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 155 pages | EMR Inc.

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Report description:

The global hexafluorosilicic acid market is expected to grow at a CAGR of 7.00% in the forecast period of 2025-2034.

Increasing Demand for Water Fluoridation to Augment the Hexafluorosilicic Acid Industry Growth

Based on application, the water fluoridation segment accounts for a significant share in the hexafluorosilicic acid industry. The demand for hexafluorosilicic acid for water fluoridation has been speculated to grow at a hefty pace over the forecast period. Hexafluorosilicic acid is used in public water cleaners to reduce tooth decay by controlling the fluoride content of the public water supply. Furthermore, it is used in the production of toothpastes to provide the total required amount of fluoride that is considered an effective component in reducing tooth decay, thereby accelerating product demand.

The Asia Pacific to Provide Enhanced Growth Opportunities to the Hexafluorosilicic Acid Industry

Region-wise, the Asia Pacific is expected to witness a robust growth over the forecast period. The growing chemical industry in the region has aided the market growth. The Asia Pacific hexafluorosilicic acid industry is led by China, India, and Japan. The hexafluorosilicic acid fabric treatment provides stain and oil resistance and durability, which is expected to accelerate the product demand in the textile industry. Moreover, the improving living standards, population growth, and the growing demand for clothing could further drive the textile industry growth in the region, thus, aiding the hexafluorosilicic acid industry.

Hexafluorosilicic Acid: Market Segmentation

Hexafluorosilicic acid is an inorganic compound represented by the formula H_2SiF_6 . It is a colourless liquid, especially encountered as a diluted aqueous solution. Hexafluorosilicic acid has a pungent odour and characteristic sour taste. It can be naturally found in volcanoes on a large scale. It is produced as a coproduct in the production of phosphate fertilisers.

Market Breakup by Application

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- Chemical Intermediate
- Metal Surface Treatment
- Water Fluoridation
- Wood Preservation
- Glass Additive
- Ceramic Hardening
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Increasing Demand for Oral Products to Bolster the Growth of the Hexafluorosilicic Acid Industry

Hexafluorosilicic acid is widely used in oral care products such as toothpaste, mouth wash, floss, and others. Moreover, increasing consumer awareness about oral problems such as gingivitis, irritation of the teeth, and bleeding gums has significantly contributed to the growth of the market. Hexafluorosilicic acid strengthens weak areas and exposed roots and helps prevent the early stages of tooth decay. The new product launches, rising disposable incomes, and increasing focus on oral hygiene have stimulated the product demand.

Over the forecast period, the increased demand for the product in the textile industry to remove stains and rust from fabrics is likely to encourage the growth of the hexafluorosilicic acid industry further.

Key Industry Players in the Global Hexafluorosilicic Acid Market

The report gives a detailed analysis of the following key players in the global hexafluorosilicic acid market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Solvay SA
- Honeywell International Inc.
- NAPCO Chemical Company
- KC Industries LLC
- Gelest Inc.
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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