

# Global Fluorine-removal Agent Market Growth 2026-2032

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## Abstracts

The global Fluorine-removal Agent market size is predicted to grow from US\$ 1363 million in 2025 to US\$ 1822 million in 2032; it is expected to grow at a CAGR of 4.2% from 2026 to 2032.

Fluorine-removal Agents are specialized water treatment chemicals specifically designed to remove excess fluoride ions from aqueous solutions. Through chemical precipitation, adsorption, or ion exchange techniques, they reduce the fluoride content in high-concentration fluoride-containing industrial wastewater or drinking water to meet discharge standards.

The core raw materials of Fluorine-removal Agents are often basic chemical additives such as lime (Ca(OH)<sub>2</sub>), calcium chloride, aluminum salts, polyaluminum chloride, and polyacrylamide. These raw materials are supplied by basic chemical manufacturers and raw material suppliers, and some require special modified coagulating/complexing components to improve the removal efficiency of F<sup>-</sup> ions.

In 2025, global sales are projected to be approximately 4.98 million tons. The market price for liquid defluorinating agents is estimated at around \$110 per ton, while solid defluorinating agents are expected to be around \$340 per ton. The industry's gross profit margin is expected to be in the range of 15% to 30%.

The global Fluorine-removal Agent industry plays a crucial role in environmental remediation and industrial water treatment, especially with the tightening of environmental emission standards and the rapid growth in demand for treating high-fluoride wastewater. This niche market has seen a significant increase in attention. Sources of fluoride include high-concentration fluoride-containing wastewater generated

during industrial production processes, as well as the problem of excessive fluoride levels in groundwater in some regions. Therefore, there is a growing demand from both companies and governments for efficient defluorination chemicals and process solutions.

The driving factors in the fluoride removal industry mainly stem from stringent emission standards, the rigid demand from the energy and chemical industries for the treatment of fluoride-containing wastewater, and the strong demand for advanced fluoride removal from emerging industries (such as photovoltaics, semiconductors, battery manufacturing, and new energy industries).

LP Information, Inc. (LPI) ' newest research report, the “Fluorine-removal Agent Industry Forecast” looks at past sales and reviews total world Fluorine-removal Agent sales in 2025, providing a comprehensive analysis by region and market sector of projected Fluorine-removal Agent sales for 2026 through 2032. With Fluorine-removal Agent sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Fluorine-removal Agent industry.

This Insight Report provides a comprehensive analysis of the global Fluorine-removal Agent landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Fluorine-removal Agent portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Fluorine-removal Agent market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Fluorine-removal Agent and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Fluorine-removal Agent.

This report presents a comprehensive overview, market shares, and growth opportunities of Fluorine-removal Agent market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Solid

Liquid

#### Segmentation by Removal Rate:

Removal Rate?95%

Removal Rate?99%

Other

#### Segmentation by Chemical Composition:

Calcium Salts

Aluminum/Iron Salts

Complex Compounds

Other

#### Segmentation by Application:

Chemical

Metal Smelting

New Energy

Glass and Ceramics

Drinking Water

Other

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

### Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Rikang Environmental Protection

Hainan Yijing Environmental Protection

Hunan Fortune Environmental Technology

Sanfeng Environmental Group

Changlong Technology

Yixing Cleanwater Chemicals

Suzhou Zhanqing Environmental Technology

Henan Hongyuan Environmental Protection Technology

Servyeco

Axens

Derypol

Watterson Technology

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Fluorine-removal Agent market?

What factors are driving Fluorine-removal Agent market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Fluorine-removal Agent market opportunities vary by end market size?

How does Fluorine-removal Agent break out by Type, by Application?

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