

# Global Fluorine-removal Agent Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Fluorine-removal Agent market size was valued at US\$ 1434 million in 2025 and is forecast to a readjusted size of US\$ 1889 million by 2032 with a CAGR of 4.0% during review period.

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 ( $\text{Ca}(\text{OH})_2$ ), 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  $\text{F}^-$  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).

This report is a detailed and comprehensive analysis for global Fluorine-removal Agent market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Fluorine-removal Agent market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Fluorine-removal Agent market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Fluorine-removal Agent market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Fluorine-removal Agent market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries  
To assess the growth potential for Fluorine-removal Agent

To forecast future growth in each product and end-use market  
To assess competitive factors affecting the marketplace

This report profiles key players in the global Fluorine-removal Agent market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include 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, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Fluorine-removal Agent market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Solid

Liquid

### Market segment by Removal Rate

Removal Rate?95%

Removal Rate?99%

Other

### Market segment by Chemical Composition

Calcium Salts

Aluminum/Iron Salts

Complex Compounds

Other

#### Market segment by Application

Chemical

Metal Smelting

New Energy

Glass and Ceramics

Drinking Water

Other

#### Major players covered

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

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Fluorine-removal Agent product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fluorine-removal Agent, with price, sales quantity, revenue, and global market share of Fluorine-removal Agent from 2021 to 2026.

Chapter 3, the Fluorine-removal Agent competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fluorine-removal Agent breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Fluorine-removal Agent market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Fluorine-removal Agent.

Chapter 14 and 15, to describe Fluorine-removal Agent sales channel, distributors, customers, research findings and conclusion.

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