

## **Global Polyacrylic Acid Market Report and Forecast 2024-2032**

Market Report | 2023-11-21 | 212 pages | EMR Inc.

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### **Report description:**

Global Polyacrylic Acid Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the global polyacrylic acid market attained a significant value in 2023. Aided by rising use of superabsorbent polymers and increasing product demand from various end use industries, the market is projected to grow at a CAGR of 5.7% during the forecast period of 2024-2032.

Polyacrylic acid, a synthetic high molecular weight polymer, is typically utilised as a thickening agent or a dispersant. This polymer exhibits properties of superb absorbency, which is why it's notably utilised in the production of superabsorbent polymers. Apart from its absorption attributes, polyacrylic acid plays a pivotal role in industries because of its efficient scaling and inhibiting properties, making it a preferred choice in water treatment processes.

One of the prominent polyacrylic acid market trends is the burgeoning demand from water treatment plants worldwide. With global awareness regarding clean and safe water intensifying, there is a marked increase in water treatment activities. Polyacrylic acid's effectiveness in scaling and acting as a dispersant for suspended solids ensures the provision of purified water, making it integral to such treatment plants.

Further, the polyacrylic acid market size benefits from the expanding industrial applications of the product. The growth of the personal care and hygiene sector acts as a robust pillar for the market expansion. The compound's superabsorbent properties find significant utility in products such as adult incontinence pads, feminine hygiene products, and baby diapers. With the global emphasis on hygiene and well-being, this application is expected to witness a steady surge.

Within the construction realm, it is used as a concrete admixture, improving the concrete's workability without altering water content. Within the home care sector, it functions as a builder for detergents, enhancing the cleaning capability of the product. This diversification across sectors solidifies the polyacrylic acid market growth trajectory.

The cosmetics and pharmaceutical industries are not far behind in tapping into the potential of polyacrylic acid. Due to its gelling properties, it is incorporated into various cosmetic products, enhancing their texture and consistency. Concurrently, in pharmaceuticals, its gel-forming ability is exploited for controlled drug release, amplifying its demand.

The global polyacrylic acid market value is poised for expansion. Continued research is being conducted to enhance its biodegradability, paving the way for eco-friendlier alternatives. If realised, this can reshape the market dynamics, making

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polyacrylic acid a sustainable choice across industries.

#### Market Segmentation

The market can be divided based on form, type, application, and region.

#### Market Breakup by Form

- Liquid

- Powder

#### Market Breakup by Type

- Co-Polymer

- Homo-Polymer

- Ter-Polymer

#### Market Breakup by Application

- Water and Wastewater Treatment

- Detergents and Cleaners

- Paints, Coatings, and Inks

- Superabsorbent Polymers

- Others

#### Market Breakup by Region

- North America

- Europe

- Asia Pacific

- Latin America

- Middle East and Africa

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the companies operating in the global polyacrylic acid market. Some of the key players explored in the report by Expert Market Research are as follows:

- Ashland Global Holdings Inc.

- Nippon Shokubai Co., Ltd.

- Dow Chemical Company

- Kao Chemical Corporation

- The Lubrizol Corporation

- Maxwell Additives Pvt. Ltd.

- Polysciences, Inc.

- Others

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