

Global Super Absorbent Polymer (SAP) Market Report and Forecast 2023-2028

Market Report | 2023-10-03 | 175 pages | EMR Inc.

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Report description:

Global Super Absorbent Polymer (SAP) Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global super absorbent polymer (SAP) market reached a volume of nearly 3.1 million metric tons in 2022. Aided by the escalating demand in personal care and hygiene industries, along with novel applications in agriculture, the market is projected to further grow at a CAGR of 5.3% between 2023 and 2028 to reach a volume of 13.21 million metric tons by 2028.

Super Absorbent Polymers, known for their exceptional water-absorbing capabilities - often hundreds of times their weight - primarily find applications in products demanding high absorbency and retention characteristics. They're predominantly used in diapers, adult incontinence products, sanitary napkins, and other similar personal hygiene products. In addition, with growing awareness of water conservation, the agricultural sector is also eyeing SAP to improve water retention in soil.

The accelerating global demand for baby diapers is one of the driving forces behind the super absorbent polymer (SAP) market growth. With a burgeoning global population and increasing urbanization, coupled with the rising purchasing power in developing nations, there's been a notable surge in the demand for personal care products that employ SAP.

Moreover, with global demographics shifting towards an ageing population, especially in developed nations, products tailored for adult incontinence are witnessing a growth spurt. As per the super absorbent polymer (SAP) market analysis, these demographic trends, along with enhanced awareness about personal hygiene, are collectively providing a substantial push to the SAP market. Emerging applications of SAP in agriculture, driven by the need to improve water retention in arid and semi-arid regions, are presenting new avenues for growth. As the world grapples with the adverse impacts of climate change, leading to inconsistent rainfall patterns, SAP's role in water conservation becomes all the more critical and propel the super absorbent polymer (SAP) market demand.

Additionally, technological advancements and dedicated R&D efforts have expanded SAP's horizons. Today, innovations are steering towards biodegradable and organic SAPs, addressing environmental concerns associated with their disposal, especially from personal care products. These bio-based SAPs, derived from renewable resources, are touted not only for their eco-friendliness but also for their competitive performance metrics when compared to conventional SAPs.

The introduction of more eco-friendly, sustainable alternatives and continued research and development in this space further

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increases the super absorbent polymer (SAP) market size. Market players are actively investing in developing SAPs that align with the sustainability goals, both in terms of production and post-consumer life.

Market Segmentation □

The market can be divided based on application and region.

Market Breakup by Application

- Disposable Baby Diapers
- Adult Incontinence Products
- Feminine Hygiene Products
- 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 mergers and acquisitions, among other major developments, of the leading companies operating in the global super absorbent polymer (SAP) market. Some of the major players explored in the report by Expert Market Research are as follows:

- Nippon Shokubai Co., Ltd.
- BASF SE
- Sumitomo Seika Chemicals Co., Ltd
- SDP Global Co., Ltd.
- LG Chem Ltd.
- Formosa Plastics Corporation
- Evonik Industries AG
- Others

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