

# Super Absorbent Polymers (SAP) Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview 2023-2028:

The global super absorbent polymers (SAP) market size reached US\$ 9.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 17.0 Billion by 2028, exhibiting a growth rate (CAGR) of 10.4% during 2023-2028.

Super absorbent polymers (SAPs) are substances that can hold a considerable amount of liquid. They are prepared from acrylic acid cross-linked polymer networks constituted by water-soluble building blocks. They are white sugar-like hygroscopic substances absorbing water to form transparent gel-based particles that retain moisture under pressure without rupturing or conflagrating. SAPs are commonly used as an absorbent for water and aqueous solutions for diapers, adult incontinence products, and feminine hygiene products. They aid in keeping the skin dry, protecting against skin irritation, preventing the risk of developing infections, and providing improved quality of life and personal dignity. As a result, they find extensive applications in the automotive, construction and packaging industries.

### Super Absorbent Polymers Market Trends:

The increasing demand for premium quality diapers on account of rising concerns among parents about the health and hygiene of their babies represents one of the major factors positively influencing the demand for SAPs around the world. In addition, the growing awareness among women about personal hygiene and consequently rising sales of sanitary napkins is driving the market. Apart from this, the rising number of farming activities is catalyzing the demand for SAPs in the agriculture sector to reduce

soil erosion by surface run-offs, fertilizer and pesticide leaching to groundwater. Furthermore, due to their disinfected properties, SAPs are used in the safe management of infected respiratory secretions. This, in confluence with the increasing prevalence of viral infections, is contributing to the market growth. Besides this, extensive research and development (R&D) activities to produce bio-based SAPs by leading players are anticipated to provide a positive outlook for the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global super absorbent polymers (SAP) market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, application and production method.

#### Breakup by Type:

- Sodium Polyacrylate
- Polyacrylate/Polyacrylamide Copolymer
- Others

#### Breakup by Application:

- Personal Hygiene
- Agriculture
- Medical
- Industrial
- Others

#### Breakup by Production Method:

- Suspension Polymerization
- Solution Polymerization
- Gel Polymerization

#### Breakup by Region:

## North America

United States

Canada

## Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

## Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

## Latin America

Brazil

Mexico

Others

## Middle East and Africa

### Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being BASF, Evonik Industries, Formosa Plastics Group, Kao Corporation, LG Chem Ltd., Nippon Shokubai, Satellite Science and Technology Co. Ltd., SDP Global Co. Ltd., Sumitomo Seika Chemicals Company Ltd. and Yixing Danson Technology Ltd.

## Key Questions Answered in This Report:

How has the global super absorbent polymers market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global super absorbent polymers market?

What is the breakup of the market based on the type?

What is the breakup of the market based on the application?

What is the breakup of the market based on the production method?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the market?

What is the structure of the global super absorbent polymers market and who are the key players?

What is the degree of competition in the market?

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