

Super Absorbent Polymers (SAP) Market Report by Type (Sodium Polyacrylate, Polyacrylate/Polyacrylamide Copolymer, and Others), Application (Personal Hygiene, Agriculture, Medical, Industrial, and Others), Production Method (Suspension Polymerization, Solution Polymerization, Gel Polymerization), and Region 2024-2032

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Abstracts

The global super absorbent polymers (SAP) market size reached US\$ 10.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 23.0 Billion by 2032, exhibiting a growth rate (CAGR) of 8.7% during 2024-2032.

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 2024-2032. 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

1. What was the size of the global Super Absorbent Polymers (SAP) market in 2023?
2. What is the expected growth rate of the global Super Absorbent Polymers (SAP) market during 2024-2032?
3. What are the key factors driving the global Super Absorbent Polymers (SAP) market?
4. What has been the impact of COVID-19 on the global Super Absorbent Polymers (SAP) market?

5. What is the breakup of the global Super Absorbent Polymers (SAP) market based on the type?
6. What is the breakup of the global Super Absorbent Polymers (SAP) market based on the application?
7. What is the breakup of the global Super Absorbent Polymers (SAP) market based on production method?
8. What are the key regions in the global Super Absorbent Polymers (SAP) market?
9. Who are the key players/companies in the global Super Absorbent Polymers (SAP) market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL SUPER ABSORBENT POLYMERS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Sodium Polyacrylate
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Polyacrylate/Polyacrylamide Copolymer
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Others

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Personal Hygiene
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Agriculture
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Medical
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Industrial
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY PRODUCTION METHOD

- 8.1 Suspension Polymerization
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Solution Polymerization
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Gel Polymerization
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast

- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Europe
 - 9.2.1 Germany
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 France
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 United Kingdom
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 Italy
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Spain
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Russia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Asia Pacific
 - 9.3.1 China
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 Japan
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 India
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 South Korea
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Australia

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Indonesia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE INDICATORS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 BASF

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 Evonik Industries

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.2.4 SWOT Analysis

14.3.3 Formosa Plastics Group

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Kao Corporation

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 LG Chem Ltd.

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Nippon Shokubai

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 Satellite Science and Technology Co., Ltd.

- 14.3.7.1 Company Overview
- 14.3.7.2 Product Portfolio
- 14.3.8 SDP Global Co. Ltd.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Sumitomo Seika Chemicals Company Ltd.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Yixing Danson Technology Ltd.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Super Absorbent Polymers Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Super Absorbent Polymers Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Super Absorbent Polymers Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Super Absorbent Polymers Market Forecast: Breakup by Production Method (in Million US\$), 2024-2032

Table 5: Global: Super Absorbent Polymers Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Super Absorbent Polymers Market: Competitive Structure

Table 7: Global: Super Absorbent Polymers Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Super Absorbent Polymers Market: Major Drivers and Challenges

Figure 2: Global: Super Absorbent Polymers Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Super Absorbent Polymers Market: Breakup by Type (in %), 2023

Figure 4: Global: Super Absorbent Polymers Market: Breakup by Application (in %), 2023

Figure 5: Global: Super Absorbent Polymers Market: Breakup by Production Method (in %), 2023

Figure 6: Global: Super Absorbent Polymers Market: Breakup by Region (in %), 2023

Figure 7: Global: Super Absorbent Polymers Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 8: Global: Super Absorbent Polymers (Sodium Polyacrylate) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Super Absorbent Polymers (Sodium Polyacrylate) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Super Absorbent Polymers (Polyacrylate/Polyacrylamide Copolymer) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Super Absorbent Polymers (Polyacrylate/Polyacrylamide Copolymer) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Super Absorbent Polymers (Other Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Super Absorbent Polymers (Other Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Super Absorbent Polymers (Personal Hygiene) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Super Absorbent Polymers (Personal Hygiene) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Super Absorbent Polymers (Agriculture) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Super Absorbent Polymers (Agriculture) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Super Absorbent Polymers (Medical) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Super Absorbent Polymers (Medical) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Super Absorbent Polymers (Industrial) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Super Absorbent Polymers (Industrial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Super Absorbent Polymers (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Super Absorbent Polymers (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Super Absorbent Polymers (Suspension Polymerization) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Super Absorbent Polymers (Suspension Polymerization) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Super Absorbent Polymers (Solution Polymerization) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Super Absorbent Polymers (Solution Polymerization) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Super Absorbent Polymers (Gel Polymerization) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Super Absorbent Polymers (Gel Polymerization) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: North America: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: North America: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: United States: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: United States: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Canada: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Canada: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Europe: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Europe: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Germany: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Germany: Super Absorbent Polymers Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 40: France: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: France: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: United Kingdom: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: United Kingdom: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Italy: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Italy: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Spain: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Spain: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Russia: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Russia: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Others: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Others: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Asia Pacific: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Asia Pacific: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: China: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: China: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Japan: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Japan: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: India: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: India: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: South Korea: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: South Korea: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Australia: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Australia: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Indonesia: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Indonesia: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Others: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Others: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Latin America: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Latin America: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Brazil: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Brazil: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Mexico: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Mexico: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Others: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Others: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Middle East and Africa: Super Absorbent Polymers Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Middle East and Africa: Super Absorbent Polymers Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Global: Super Absorbent Polymers Industry: SWOT Analysis

Figure 79: Global: Super Absorbent Polymers Industry: Value Chain Analysis

Figure 80: Global: Super Absorbent Polymers Industry: Porter's Five Forces Analysis

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