

Global Biodegradable Superabsorbent Materials Market Size study, by Product (Polyvinyl Alcohol, Polyitaconic Acid, Polyacrylamide, Polysaccharides), By Application (Disposable diapers, Adult incontinence products, Female hygiene, Agriculture, Medical, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Biodegradable Superabsorbent Materials Market is valued approximately USD 130 million in 2021 and is anticipated to grow with a healthy growth rate of more than 8.0 % over the forecast period 2022-2028. Biodegradable superabsorbent materials are essentially biocompatible and degradable superabsorbent polymers. These materials are made from a mix of synthetic and renewable source components.. Rising demand for female hygiene, disposable diapers, adult incontinence products, and agricultural application segments will drive industry growth. Polyitaconic acid, polyvinyl alcohol, polysaccharide, and polyacrylamide are important product categories because they have high absorption rates, are biocompatible, and are quickly decomposable. Other key driving factors that are predicted to offer positive growth possibilities for bio-based superabsorbent materials in the coming years include adult incontinence products and feminine hygiene. A major cause for the expected increase in demand for biodegradable high performance absorption polymers is the growing elderly population, which is at a high risk of developing urinary incontinence problems. Due to market saturation, developed areas such as North America and Europe will have moderate increase in baby diaper demand throughout the projection period. Economies such as the United States, Germany, and Japan are expected to have a little lower birth rate than developing and rising economies. China, India, and Brazil are expected to lead their respective regional infant diaper markets. Baby diaper consumption is predicted to rise in other modestly growing nations such as Indonesia, Malaysia, Egypt, and Turkey.

However, high cost of equipment, difficulty in maintenance impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Biodegradable Superabsorbent Materials Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Europe emerged as the market leader. Europe was the largest market for biodegradable superabsorbent materials. High consumer demand has prompted manufacturers to develop more cost effective and differentiated their product offerings. The baby diaper segment, which has witnessed significant growth over the past few years, is undergoing through various structural changes in diaper structures. The Asia Pacific captured a substantial revenue share and is anticipated to grow with fastest CAGR. The personal care and hygiene industry in China, Taiwan, South Korea, Japan, and India is likely to be a beneficial factor for the market. An increase in investments by leading personal care and hygiene companies including Kimberly-Clark and P&G is anticipated to promote demand over the forecast period.

Major market player included in this report are:

The Lubrizol Corporation

BASF SE

ADM

Amereq, Inc

SNF

Itaconix Corporation

NIPPON SHOKUBAI CO., LTD.

Nuoer Chemical Australia Pty Ltd

JRM Chemical, Inc.

CHINAFLOC

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product

Polyvinyl Alcohol

Polyitaconic Acid

Polyacrylamide
Polysaccharides
By Application
Disposable diapers
Adult incontinence products
Female hygiene
Agriculture
Medical
Others
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Biodegradable Superabsorbent Materials Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
 - 1.2.1. Biodegradable Superabsorbent Materials Market, by Region, 2020-2028 (USD Million)
 - 1.2.2. Biodegradable Superabsorbent Materials Market, by Product, 2020-2028 (USD Million)
 - 1.2.3. Biodegradable Superabsorbent Materials Market, by Application, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BIODEGRADABLE SUPERABSORBENT MATERIALS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL BIODEGRADABLE SUPERABSORBENT MATERIALS MARKET DYNAMICS

- 3.1. Biodegradable Superabsorbent Materials Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising demand for female hygiene
 - 3.1.1.2. Rise in the geriatric population coupled with substantial risk of this aged populace
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cost of equipment, difficulty in maintenance
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing cases of urine incontinence disorders

CHAPTER 4. GLOBAL BIODEGRADABLE SUPERABSORBENT MATERIALS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL BIODEGRADABLE SUPERABSORBENT MATERIALS MARKET, BY PRODUCT

- 6.1. Market Snapshot
- 6.2. Global Biodegradable Superabsorbent Materials Market by Product, Performance - Potential Analysis
- 6.3. Global Biodegradable Superabsorbent Materials Market Estimates & Forecasts by Product 2018-2028 (USD Million)
- 6.4. Biodegradable Superabsorbent Materials Market, Sub Segment Analysis
 - 6.4.1. Polyvinyl Alcohol
 - 6.4.2. Polyitaconic Acid
 - 6.4.3. Polyacrylamide
 - 6.4.4. Polysaccharides

CHAPTER 7. GLOBAL BIODEGRADABLE SUPERABSORBENT MATERIALS MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Biodegradable Superabsorbent Materials Market by Application, Performance - Potential Analysis
- 7.3. Global Biodegradable Superabsorbent Materials Market Estimates & Forecasts by Application 2018-2028 (USD Million)
- 7.4. Biodegradable Superabsorbent Materials Market, Sub Segment Analysis
 - 7.4.1. Disposable diapers
 - 7.4.2. Adult incontinence products
 - 7.4.3. Female hygiene
 - 7.4.4. Agriculture
 - 7.4.5. Medical
 - 7.4.6. Others

CHAPTER 8. GLOBAL BIODEGRADABLE SUPERABSORBENT MATERIALS MARKET, REGIONAL ANALYSIS

- 8.1. Biodegradable Superabsorbent Materials Market, Regional Market Snapshot
- 8.2. North America Biodegradable Superabsorbent Materials Market
 - 8.2.1. U.S. Biodegradable Superabsorbent Materials Market
 - 8.2.1.1. Product breakdown estimates & forecasts, 2018-2028
 - 8.2.1.2. Application breakdown estimates & forecasts, 2018-2028
 - 8.2.2. Canada Biodegradable Superabsorbent Materials Market
- 8.3. Europe Biodegradable Superabsorbent Materials Market Snapshot
 - 8.3.1. U.K. Biodegradable Superabsorbent Materials Market
 - 8.3.2. Germany Biodegradable Superabsorbent Materials Market
 - 8.3.3. France Biodegradable Superabsorbent Materials Market
 - 8.3.4. Spain Biodegradable Superabsorbent Materials Market
 - 8.3.5. Italy Biodegradable Superabsorbent Materials Market
 - 8.3.6. Rest of Europe Biodegradable Superabsorbent Materials Market
- 8.4. Asia-Pacific Biodegradable Superabsorbent Materials Market Snapshot
 - 8.4.1. China Biodegradable Superabsorbent Materials Market
 - 8.4.2. India Biodegradable Superabsorbent Materials Market
 - 8.4.3. Japan Biodegradable Superabsorbent Materials Market
 - 8.4.4. Australia Biodegradable Superabsorbent Materials Market
 - 8.4.5. South Korea Biodegradable Superabsorbent Materials Market
 - 8.4.6. Rest of Asia Pacific Biodegradable Superabsorbent Materials Market

8.5. Latin America Biodegradable Superabsorbent Materials Market Snapshot

8.5.1. Brazil Biodegradable Superabsorbent Materials Market

8.5.2. Mexico Biodegradable Superabsorbent Materials Market

8.6. Rest of The World Biodegradable Superabsorbent Materials Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. The Lubrizol Corporation

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

9.2.2. BASF SE

9.2.3. ADM

9.2.4. Amereq, Inc

9.2.5. SNF

9.2.6. Itaconix Corporation

9.2.7. NIPPON SHOKUBAI CO., LTD.

9.2.8. Nuor Chemical Australia Pty Ltd

9.2.9. JRM Chemical, Inc.

9.2.10. CHINAFLOC

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Biodegradable Superabsorbent Materials Market, report scope

TABLE 2. Global Biodegradable Superabsorbent Materials Market estimates & forecasts by Region 2018-2028 (USD Million)

TABLE 3. Global Biodegradable Superabsorbent Materials Market estimates & forecasts by Product 2018-2028 (USD Million)

TABLE 4. Global Biodegradable Superabsorbent Materials Market estimates & forecasts by Application 2018-2028 (USD Million)

TABLE 5. Global Biodegradable Superabsorbent Materials Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 6. Global Biodegradable Superabsorbent Materials Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 7. Global Biodegradable Superabsorbent Materials Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 8. Global Biodegradable Superabsorbent Materials Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 9. Global Biodegradable Superabsorbent Materials Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 10. Global Biodegradable Superabsorbent Materials Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 11. Global Biodegradable Superabsorbent Materials Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 12. Global Biodegradable Superabsorbent Materials Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 13. Global Biodegradable Superabsorbent Materials Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 14. Global Biodegradable Superabsorbent Materials Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 15. U.S. Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 16. U.S. Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 17. U.S. Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 18. Canada Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 19. Canada Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 20. Canada Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 21. UK Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 22. UK Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 23. UK Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 24. Germany Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 25. Germany Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 26. Germany Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 27. RoE Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 28. RoE Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 29. RoE Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 30. China Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 31. China Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 32. China Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 33. India Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 34. India Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 35. India Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 36. Japan Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 37. Japan Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 38. Japan Biodegradable Superabsorbent Materials Market estimates &

forecasts by segment 2018-2028 (USD Million)

TABLE 39. RoAPAC Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 40. RoAPAC Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 41. RoAPAC Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 42. Brazil Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 43. Brazil Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 44. Brazil Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 45. Mexico Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 46. Mexico Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 47. Mexico Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 48. RoLA Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 49. RoLA Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 50. RoLA Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 51. Row Biodegradable Superabsorbent Materials Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 52. Row Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 53. Row Biodegradable Superabsorbent Materials Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 54. List of secondary sources, used in the study of global Biodegradable Superabsorbent Materials Market

TABLE 55. List of primary sources, used in the study of global Biodegradable Superabsorbent Materials Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

FIG 1. Global Biodegradable Superabsorbent Materials Market, research methodology

FIG 2. Global Biodegradable Superabsorbent Materials Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Biodegradable Superabsorbent Materials Market, key trends 2021

FIG 5. Global Biodegradable Superabsorbent Materials Market, growth prospects 2022-2028

FIG 6. Global Biodegradable Superabsorbent Materials Market, porters 5 force model

FIG 7. Global Biodegradable Superabsorbent Materials Market, pest analysis

FIG 8. Global Biodegradable Superabsorbent Materials Market, value chain analysis

FIG 9. Global Biodegradable Superabsorbent Materials Market by segment, 2018 & 2028 (USD Million)

FIG 10. Global Biodegradable Superabsorbent Materials Market by segment, 2018 & 2028 (USD Million)

FIG 11. Global Biodegradable Superabsorbent Materials Market by segment, 2018 & 2028 (USD Million)

FIG 12. Global Biodegradable Superabsorbent Materials Market by segment, 2018 & 2028 (USD Million)

FIG 13. Global Biodegradable Superabsorbent Materials Market by segment, 2018 & 2028 (USD Million)

FIG 14. Global Biodegradable Superabsorbent Materials Market, regional snapshot 2018 & 2028

FIG 15. North America Biodegradable Superabsorbent Materials Market 2018 & 2028 (USD Million)

FIG 16. Europe Biodegradable Superabsorbent Materials Market 2018 & 2028 (USD Million)

FIG 17. Asia pacific Biodegradable Superabsorbent Materials Market 2018 & 2028 (USD Million)

FIG 18. Latin America Biodegradable Superabsorbent Materials Market 2018 & 2028 (USD Million)

FIG 19. Global Biodegradable Superabsorbent Materials Market, company Market share analysis (2021)

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