

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

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