

Global Microbial and Bacterial Cellulose Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Microbial and Bacterial Cellulose market size is expected to reach \$ 1128.5 million by 2029, rising at a market growth of 18.0% CAGR during the forecast period (2023-2029).

Global microbial and bacterial cellulose key players include Fiberlean, Sappi, Borregaard and Nippon Paper Industries. Global top four manufacturers hold a share about 54%. The global origins are mainly located in North America, Europe, China and Japan. In terms of product, plant cellulose is the largest segment, with a share about 94%. And in terms of application, the largest application is paper and packaging, with a share about 30%.

Nanocellulose is a term referring to nano-structured cellulose. This may be either cellulose nanofibers (CNF), also called microfibrillated cellulose (MFC), nanocrystalline cellulose (NCC or CNC), or bacterial nanocellulose, which refers to nano-structured cellulose produced by bacteria. Nanocellulose is produced from plant/tree through cellulose extraction or cellulose derived from bacteria via a culture medium. Some parameters of nanocelluloses are as follows: Diameter: 5 nm - 500 nm. Length: 10s nm - 100s μ m. Specific surface area: 10s - 100s of m²/g. Nanocellulose have many special properties, such as Natural & renewable, Biodegradability, Biocompatibility, High strength & modulus, High surface area, High aspect ratio, Chemical functionality (e.g. for modification), Dimensional stability, Moisture absorption, Thermal stability (~200°C), etc.

This report studies the global Microbial and Bacterial Cellulose production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Microbial and Bacterial Cellulose, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Microbial and Bacterial Cellulose that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Microbial and Bacterial Cellulose total production and demand, 2018-2029, (MT)

Global Microbial and Bacterial Cellulose total production value, 2018-2029, (USD Million)

Global Microbial and Bacterial Cellulose production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (MT)

Global Microbial and Bacterial Cellulose consumption by region & country, CAGR, 2018-2029 & (MT)

U.S. VS China: Microbial and Bacterial Cellulose domestic production, consumption, key domestic manufacturers and share

Global Microbial and Bacterial Cellulose production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (MT)

Global Microbial and Bacterial Cellulose production by Type, production, value, CAGR, 2018-2029, (USD Million) & (MT)

Global Microbial and Bacterial Cellulose production by Application production, value, CAGR, 2018-2029, (USD Million) & (MT)

This reports profiles key players in the global Microbial and Bacterial Cellulose market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fiberlean, Sappi, Borregaard, Nippon Paper Industries, Celluforce, Oji Paper and Hainan Guangyu Bio-technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Microbial and Bacterial Cellulose market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Microbial and Bacterial Cellulose Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Microbial and Bacterial Cellulose Market, Segmentation by Type

Plant Cellulose

Bacterial Cellulose

Global Microbial and Bacterial Cellulose Market, Segmentation by Application

Paper and Packaging

Composites Materials

Hygiene and Absorbent Products

Paints and Coatings

Food

Biomedical and Pharmaceutical

Others

Companies Profiled:

Fiberlean

Sappi

Borregaard

Nippon Paper Industries

Cellulforce

Oji Paper

Hainan Guangyu Bio-technology

Key Questions Answered

1. How big is the global Microbial and Bacterial Cellulose market?
2. What is the demand of the global Microbial and Bacterial Cellulose market?
3. What is the year over year growth of the global Microbial and Bacterial Cellulose

market?

4. What is the production and production value of the global Microbial and Bacterial Cellulose market?

5. Who are the key producers in the global Microbial and Bacterial Cellulose market?

6. What are the growth factors driving the market demand?

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