

Microcrystalline Cellulose (MCC) Market by Application (Food & Beverage, Pharmaceutical, Cosmetics & Personal Care), Raw Material Source (Wood-based, Non-wood - based), and Region (North America, Europe, APAC, RoW) - Global Forecasts to 2024

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Abstracts

“The MCC market is projected to register a CAGR of 7.0% from 2019 to 2024, in terms of value”

The microcrystalline cellulose (MCC) market is projected to grow from USD 938 million in 2019 to USD 1,315 million by 2024, at a CAGR of 7.0%, between 2019 and 2024. MCC is widely used in pharmaceutical, food & beverage, and cosmetic & personal care applications. As it is chemically inert and not absorbed in the human body, it is widely used in the pharmaceutical and food & beverage applications as a thickener, stabilizer, binder, dispersant, and bulking & anti-caking agent. The growth of the pharmaceutical application has also helped increase the demand for MCC as it is widely used in the form of excipient. Apart from this, the significant demand from the emerging economies is one of the major opportunities in the MCC market.

However, the availability of substitutes for specific food & beverage and pharmaceutical applications restrains the growth of the market.

“The non-wood segment is projected to register the highest CAGR from 2019 to 2024, in terms of both value and volume”

Non-wood-based MCC is being increasingly used in the MCC market, primarily because

of the high demand for non-wood-based MCC from various applications, such as pharmaceutical and food & beverage. The cost of MCC produced from non-wood-based source is very low compared to the wood-based MCC as the raw material used for the manufacture of non-wood-based MCC is basically agricultural waste, which is available at very low prices.

“Pharmaceutical to be the fastest-growing application of MCC market during the forecast period”

The MCC market in the pharmaceutical application is witnessing a high growth rate. The growth of the global MCC market is dependent on the growth of the pharmaceutical excipient market. MCC acts as a filler, binder, disintegrant, suspending agent, lubricant, and glidant in pharmaceutical manufacturing. It is used in the direct compression method as it reduces the production cost. MCC is an essential component in every form of oral dosage, which includes pellets, capsules, tablets, and sachets.

“The MCC market in APAC is projected to register the highest CAGR, between 2019 and 2024, in terms of both value and volume”

The MCC market in APAC is projected to register the highest CAGR during the forecast period, in terms of both value and volume. This growth can be attributed to the increasing demand for MCC from the region’s growing pharmaceutical, food & beverage, and cosmetics & personal care applications, which are extensively using MCC.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted as follows:

By Company Type: Tier 1 - 35%, Tier 2 - 25%, and Tier 3 - 40%

By Designation: C level - 30%, Director level - 25%, and Others - 45%

By Region: North America - 30%, Europe - 25%, APAC - 30%, and RoW - 15%

This report provides a comprehensive analysis of the key companies listed below:

DuPont (US)

Asahi Kasei Chemicals Corporation (Japan)

Rayonier Advanced Materials (US)

Roquette (France)

DFE Pharma GmbH & Co.KG (Germany)

JRS Pharma GmbH & Co. KG (Germany)

Avantor Performance Materials Inc. (US)

Gujarat Microwax Limited (India)

Sigachi Industrial Pvt. Ltd. (India)

Research Coverage

This report covers the MCC market and forecasts the size of the market until 2024. The report includes the segmentation of the market based on application, source type, and region. Porter's Five Forces analysis and key market dynamics, such as drivers, restraints, challenges, and opportunities influencing the growth of the MCC market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

Benefits of Buying the Report:

The report is expected to help market leaders/new entrants in the MCC market in the following ways:

This report segments the MCC market and provides the closest approximation of revenues for the overall market and its subsegments across different verticals and regions.

The report helps stakeholders understand the pulse of the market and provides information on key drivers, restraints, challenges, and opportunities of the MCC market.

This report is also expected to help stakeholders understand their competitors and gain insights to enhance their position in the MCC market. The competitive landscape section includes the ecosystem of competitors and detailed information on new product developments, expansions, partnerships, and acquisitions.

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10.11.9 MAPLE BIOTECH PVT LTD

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*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

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About

The report "Microcrystalline Cellulose (MCC) Market by Application (Food & Beverage, Pharmaceutical, Cosmetics & Personal Care,), Raw Material Source (Wood-based, Non-wood-based), and Region (North America, Europe, APAC, RoW) - Global Forecasts to 2023", The MCC market is projected to grow from USD 885.1 million in 2018 to USD 1,241.4 million by 2023, at a CAGR of 7.0% between 2018 and 2023.

This report provides a comprehensive analysis of the key companies listed below:

DowDuPont (US), Asahi Kasei Chemicals Corporation (Japan), Rayonier Advanced Materials (US), Roquette (France), DFE Pharma GmbH & Co.KG (Germany), JRS Pharma GmbH & Co. KG (Germany), Avantor Performance Materials Inc. (US), Gujarat Microwax Limited (India), Sigachi Industrial Pvt. Ltd. (India), and Huzhou City Linghu Xinwang Chemical Co., Ltd (China). among others.

Research Coverage:

This report covers the MCC market and forecasts the size of the market until 2023. The report includes the segmentation of the market based on application, source type, and region. Porter's Five Forces analysis and key market dynamics, such as drivers, restraints, challenges, and opportunities influencing the growth of the MCC market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

DowDuPont is an established company in the global MCC market. The company has a strong market presence in North America and Europe. It is focusing on the expansion of its business in emerging markets in the Asia Pacific and South American countries to increase its market presence. As a part of its growth strategy, the company is more inclined toward implementing the strategy of acquisition. In November 2017, the company acquired the health & nutrition business segment of FMC Corporation (US). The acquisition helped the company expand its capabilities in the pharma excipient space. It also benefitted the company in terms of obtaining new ingredients for MCC.

Roquette is one of the key players in the MCC market. The company lays great emphasis on conducting research and development activities to meet the requirements of various end-use industries. As a part of its growth strategy, the company is highly

focused on the acquisition strategy. For instance, in September 2017, the company acquired Itacel (Brazil). The acquisition helped the company reinforce its position in the MCC market and become a major supplier to the pharmaceutical industry.

The pharmaceutical application segment is projected to register the highest CAGR in terms of both value and volume during the forecast period.

The growth of the global MCC market is dependent on the growth of the pharmaceutical excipient market. MCC acts as a filler, binder, disintegrant, suspending agent, lubricant, and glidant in pharmaceutical manufacturing. It is used in the direct compression method as it reduces the production cost. MCC is a vital component that is used in every form of oral dosage, which includes pellets, capsules, tablets, sachets, and others.

The wood-based segment is estimated to account for the major market share during the forecast period.

Wood is the traditional choice of raw material for MCC production. Commercially produced wood pulp used to manufacture MCC is obtained from sources such as softwood woods (gymnosperms) and hardwood (dicotyledons). Gymnosperms include fir trees, spruce trees, pine trees, conifers, cycads, and others. The chemical property of MCC produced from different wood sources varies because of the difference in the composition of alpha-cellulose in different kinds of wood available.

Europe is estimated to be the largest market for microcrystalline cellulose in 2018, in terms of value.

Europe was the largest MCC market, in terms of value, in 2017. The European region is segmented into Germany, France, the UK, Switzerland, Italy, and Spain, among others. The overall market growth of the European region is driven mainly by the increasing investments in drug development and the continuous efforts of pharmaceutical companies to offer superior-quality products. In addition, the economic recovery and the increase in employment rate are the growth factors for the processed food industry in the region, which, in turn, supports the growth of the MCC market in the food & beverage application.

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