

# Microcrystalline Cellulose Spheres Market Size study, by Application (Pharmaceuticals, Nutraceuticals, Food & Beverages, Cosmetics, Industrial Applications), by Product (Spheres, Beads, Granules, Powder), and Regional Forecasts 2022-2032.

<https://marketpublishers.com/r/M98A4CA40F76EN.html>

Date: August 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: M98A4CA40F76EN

## Abstracts

The Global Microcrystalline Cellulose Spheres Market was valued at approximately USD 100 billion in 2023 and is projected to grow at a CAGR of 5% over the forecast period 2024-2032. Microcrystalline cellulose spheres are a specialized form of microcrystalline cellulose (MCC) used in various industries, primarily for their functional and structural properties. MCC itself is a purified, partially depolymerized cellulose that is derived from wood or plant fibers. When processed into spherical shapes, these microcrystalline cellulose spheres offer unique advantages, particularly in the pharmaceutical and food industries. This growth can be attributed to the increasing utilization of microcrystalline cellulose spheres across various industries, including pharmaceuticals, nutraceuticals, food and beverages, cosmetics, and industrial applications. These spheres are made of cellulose polymers and exhibit exceptional properties such as stability, inertness, and controlled release, making them ideal for use as functional additives in food formulations and drug delivery systems.

The market is driven by several factors, including the growing geriatric population, increasing consumer preference for natural ingredients, and technological advancements in manufacturing processes such as spray drying and microencapsulation. Additionally, the rising demand for controlled-release drug delivery systems and functional additives in the food and beverage industry is further propelling market growth. The shift towards sustainable formulations and natural components in the cosmetics industry also presents new opportunities for market expansion. Despite the positive growth outlook, the market faces challenges such as regulatory complexity,

high manufacturing costs, low consumer awareness, and concerns about environmental sustainability. Market participants must navigate these obstacles while capitalizing on emerging trends like the growing preference for clean-label products, advancements in formulation sciences, and the transition to multifunctional excipients.

The key regions considered for the Global Microcrystalline Cellulose Spheres Market study include North America, Europe, Asia Pacific, Latin America, and Rest of the World. North America is expected to dominate the market, driven by the high demand for pharmaceutical excipients and functional food additives. The Asia Pacific region is anticipated to witness the fastest growth rate during the forecast period due to the increasing geriatric population, rising healthcare expenditure, and growing awareness of natural and clean-label products.

Major market players included in this report are:

Roquette Frères S.A.  
Diana Food S.A.S.  
Asahi Kasei Corporation  
Mingtai Chemical Co., Ltd.  
FMC Corporation  
JRS Pharma LP  
Sigachi Industries Ltd.  
Huzhou City Linghu Xinwang Chemical Co., Ltd.  
Shin-Etsu Chemical Co., Ltd.  
DCP Ingredients Ltd.  
CFM Leong Sdn. Bhd.  
Anhui Sunhere Pharmaceutical Excipients Co., Ltd.  
Changzhou Singsino International Trading Co., Ltd.  
Ginos Ltd.  
Alcobronz Ltd.

The detailed segments and sub-segment of the market are explained below:

By Application

Pharmaceuticals

Nutraceuticals

Food & Beverages

Cosmetics

Industrial Applications

By Product

Spheres  
Beads  
Granules  
Powder

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 Latin America

Middle East & Africa  
Saudi Arabia  
South Africa  
Rest of Middle East and Africa

Years considered for the study are as follows:  
Historical year – 2022  
Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET EXECUTIVE SUMMARY**

- 1.1. Global Microcrystalline Cellulose Spheres Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Application
  - 1.3.2. By Product
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Increasing demand for controlled release drug delivery systems
- 3.1.2. Growing application in nutraceutical formulations
- 3.1.3. Growth of applications in food processing
- 3.1.4. Technological developments in manufacturing

### 3.2. Market Challenges

- 3.2.1. Regulatory complexity
- 3.2.2. Cost pressures in manufacturing
- 3.2.3. Low consumer awareness
- 3.2.4. Concerns about environmental sustainability

### 3.3. Market Opportunities

- 3.3.1. Growing consumer preference for natural and clean label products
- 3.3.2. Growth of personalized medicine
- 3.3.3. Developments in formulation sciences technology
- 3.3.4. Transition to multifunctional excipients

## **CHAPTER 4. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES 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
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top investment opportunity

### 4.4. Top winning strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

#### 4.7. Analyst Recommendation & Conclusion

### **CHAPTER 5. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

#### 5.1. Segment Dashboard

#### 5.2. Global Microcrystalline Cellulose Spheres Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 5.2.1. Pharmaceuticals
- 5.2.2. Nutraceuticals
- 5.2.3. Food & Beverages
- 5.2.4. Cosmetics
- 5.2.5. Industrial Applications

### **CHAPTER 6. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET SIZE & FORECASTS BY PRODUCT 2022-2032**

#### 6.1. Segment Dashboard

#### 6.2. Global Microcrystalline Cellulose Spheres Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 6.2.1. Spheres
- 6.2.2. Beads
- 6.2.3. Granules
- 6.2.4. Powder

### **CHAPTER 7. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET SIZE & FORECASTS BY REGION 2022-2032**

#### 7.1. North America Microcrystalline Cellulose Spheres Market

- 7.1.1. U.S. Microcrystalline Cellulose Spheres Market
  - 7.1.1.1. Application breakdown size & forecasts, 2022-2032
  - 7.1.1.2. Product breakdown size & forecasts, 2022-2032
- 7.1.2. Canada Microcrystalline Cellulose Spheres Market

#### 7.2. Europe Microcrystalline Cellulose Spheres Market

- 7.2.1. U.K. Microcrystalline Cellulose Spheres Market
- 7.2.2. Germany Microcrystalline Cellulose Spheres Market
- 7.2.3. France Microcrystalline Cellulose Spheres Market
- 7.2.4. Spain Microcrystalline Cellulose Spheres Market
- 7.2.5. Italy Microcrystalline Cellulose Spheres Market

- 7.2.6. Rest of Europe Microcrystalline Cellulose Spheres Market
- 7.3. Asia-Pacific Microcrystalline Cellulose Spheres Market
  - 7.3.1. China Microcrystalline Cellulose Spheres Market
  - 7.3.2. India Microcrystalline Cellulose Spheres Market
  - 7.3.3. Japan Microcrystalline Cellulose Spheres Market
  - 7.3.4. Australia Microcrystalline Cellulose Spheres Market
  - 7.3.5. South Korea Microcrystalline Cellulose Spheres Market
  - 7.3.6. Rest of Asia Pacific Microcrystalline Cellulose Spheres Market
- 7.4. Latin America Microcrystalline Cellulose Spheres Market
  - 7.4.1. Brazil Microcrystalline Cellulose Spheres Market
  - 7.4.2. Mexico Microcrystalline Cellulose Spheres Market
  - 7.4.3. Rest of Latin America Microcrystalline Cellulose Spheres Market
- 7.5. Middle East & Africa Microcrystalline Cellulose Spheres Market
  - 7.5.1. Saudi Arabia Microcrystalline Cellulose Spheres Market
  - 7.5.2. South Africa Microcrystalline Cellulose Spheres Market
  - 7.5.3. Rest of Middle East & Africa Microcrystalline Cellulose Spheres Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Roquette Frères S.A.
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. Diana Food S.A.S.
  - 8.3.3. Asahi Kasei Corporation
  - 8.3.4. Mingtai Chemical Co., Ltd.
  - 8.3.5. FMC Corporation
  - 8.3.6. JRS Pharma LP
  - 8.3.7. Sigachi Industries Ltd.
  - 8.3.8. Huzhou City Linghu Xinwang Chemical Co., Ltd.
  - 8.3.9. Shin-Etsu Chemical Co., Ltd.



- 8.3.10. DCP Ingredients Ltd.
- 8.3.11. CFM Leong Sdn. Bhd.
- 8.3.12. Anhui Sunhere Pharmaceutical Excipients Co., Ltd.
- 8.3.13. Changzhou Singsino International Trading Co., Ltd.
- 8.3.14. Ginos Ltd.
- 8.3.15. Alcobronz Ltd.

## **CHAPTER 9. RESEARCH PROCESS**

### 9.1. Research Process

- 9.1.1. Data Mining
- 9.1.2. Analysis
- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing

### 9.2. Research Attributes

## List Of Tables

### **LIST OF TABLES** **TABLE 1. GLOBAL MICROCRYSTALLINE CELLULOSE SPHERES MARKET, REPORT SCOPE**

TABLE 2. Global Microcrystalline Cellulose Spheres Market estimates & forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Microcrystalline Cellulose Spheres Market estimates & forecasts by Application 2022-2032 (USD Billion)

TABLE 4. Global Microcrystalline Cellulose Spheres Market estimates & forecasts by Product 2022-2032 (USD Billion)

TABLE 5. Global Microcrystalline Cellulose Spheres Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 6. Global Microcrystalline Cellulose Spheres Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Microcrystalline Cellulose Spheres Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Microcrystalline Cellulose Spheres Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Microcrystalline Cellulose Spheres Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Microcrystalline Cellulose Spheres Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Microcrystalline Cellulose Spheres Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Microcrystalline Cellulose Spheres Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Microcrystalline Cellulose Spheres Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Microcrystalline Cellulose Spheres Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Microcrystalline Cellulose Spheres Market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Microcrystalline Cellulose Spheres Market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 17. U.S. Microcrystalline Cellulose Spheres Market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. Canada Microcrystalline Cellulose Spheres Market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Microcrystalline Cellulose Spheres Market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. Canada Microcrystalline Cellulose Spheres Market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Microcrystalline Cellulose Spheres Market, research methodology
- FIG 2. Global Microcrystalline Cellulose Spheres Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Microcrystalline Cellulose Spheres Market, key trends 2023
- FIG 5. Global Microcrystalline Cellulose Spheres Market, growth prospects 2022-2032
- FIG 6. Global Microcrystalline Cellulose Spheres Market, porters 5 force model
- FIG 7. Global Microcrystalline Cellulose Spheres Market, PESTEL analysis
- FIG 8. Global Microcrystalline Cellulose Spheres Market, value chain analysis
- FIG 9. Global Microcrystalline Cellulose Spheres Market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Microcrystalline Cellulose Spheres Market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Microcrystalline Cellulose Spheres Market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Microcrystalline Cellulose Spheres Market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Microcrystalline Cellulose Spheres Market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Microcrystalline Cellulose Spheres Market, regional snapshot 2022 & 2032
- FIG 15. North America Microcrystalline Cellulose Spheres Market 2022 & 2032 (USD Billion)
- FIG 16. Europe Microcrystalline Cellulose Spheres Market 2022 & 2032 (USD Billion)
- FIG 17. Asia-Pacific Microcrystalline Cellulose Spheres Market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Microcrystalline Cellulose Spheres Market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Microcrystalline Cellulose Spheres Market 2022 & 2032 (USD Billion)
- FIG 20. Global Microcrystalline Cellulose Spheres Market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

## I would like to order

Product name: Microcrystalline Cellulose Spheres Market Size study, by Application (Pharmaceuticals, Nutraceuticals, Food & Beverages, Cosmetics, Industrial Applications), by Product (Spheres, Beads, Granules, Powder), and Regional Forecasts 2022-2032.

Product link: <https://marketpublishers.com/r/M98A4CA40F76EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M98A4CA40F76EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970