

# **Calcium Propionate Market By Form (Powder, Granular, Liquid) , By Grade (Food Grade, Feed Grade, Pharmaceutical Grade, Industrial Grade) By Application (Animal Feed, Food and Beverages, Agrochemicals, Pharmaceuticals, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033**

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## **Abstracts**

The calcium propionate market was valued at \$348.2 million in 2023, and is projected to reach \$567.2 million by 2033, growing at a CAGR of 5% from 2024 to 2033.

Calcium propionate is a calcium salt of propionic acid commonly used as a preservative in a variety of food products. It is particularly effective in inhibiting the growth of mold and bacteria, making it a valuable ingredient in baked goods, dairy products, and processed meats. By extending shelf life and maintaining food quality, calcium propionate helps prevent spoilage without significantly altering the taste or texture of the food. Its ability to act as an antimicrobial agent is widely leveraged in the food industry, contributing to both food safety and economic efficiency.

The growth of the global calcium propionate market is driven by surge in demand for convenient, ready-to-eat packaged foods. This is attributed to the fact that calcium propionate helps extend the shelf life of such products, thus driving its demand. In addition, rise in awareness among consumers about food safety, hygiene, and the importance of preservatives in reducing spoilage and foodborne illnesses has increased the use of calcium propionate in food products. According to a 2021 report by the World Health Organization, foodborne illnesses affect 600 million people annually worldwide. The study highlighted that preservatives like calcium propionate help reduce such risks,

supporting its increased use in food products. Moreover, the expansion of the bakery and confectionery industries acts as the key driving force of the global market, as calcium propionate is extensively used to prevent mold growth in breads, pastries, and other baked goods. Surge in demand for clean label products further contributes toward the market growth. This is attributed to the fact that calcium propionate is perceived as a safer and more natural preservative compared to synthetic alternatives, aligning with the trend toward clean label products that use fewer chemical additives. For instance, a 2021 study from the Clean Label Project found that 45% of consumers globally prefer clean label products, pushing manufacturers to use natural preservatives like calcium propionate instead of synthetic alternatives. However, increase in demand for natural and organic food products is leading manufacturers to explore alternatives to chemical preservatives like calcium propionate, thus hampering the market growth. Furthermore, availability of potential substitutes such as sorbates and benzoates, which offer similar benefits for food preservation restrains the market growth. On the contrary, rise of e-commerce platforms has increased the demand for packaged and shelf-stable foods, which is expected to offer lucrative opportunities for the market expansion during the forecast period. Moreover, manufacturers are focusing on developing new formulations and blends that combine calcium propionate with other natural or synthetic preservatives to improve product safety and shelf life. Such developments are anticipated to open new avenues for the market growth in the coming years.

The global calcium propionate market is segmented into form, grade, application, and region. By form, the market is classified into powder, granular, and liquid. On the basis of grade, it is divided into food grade, feed grade, pharmaceutical grade, and industrial grade. Depending on application, it is categorized into animal feed, food and beverages, agrochemicals, pharmaceuticals, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

## Key Findings

By form, the powder segment held the highest market share in 2023, and is likely to retain its dominance from 2024 to 2033.

On the basis of grade, the food grade segment was the major shareholder in 2023, and is expected to continue the same trend during the forecast period.

Depending on application, the food & beverages segment dominated the market, in terms of share, in 2023, and is expected to retain its leadership status in the coming years.

Region wise, Asia-Pacific emerged as the most lucrative market for calcium propionate in 2023, and is projected to lead in the near future.

### Competition Analysis

Competitive analysis and profiles of the major players in the global calcium propionate market include Cargill, Incorporated., Fine Organic Industries Limited., Perstorp Holding AB, AB Mauri Malaysia, Kanha Life Science LLP, Eastman Chemical Company, Kemin Industries, Inc., Macco Organiques, s.r.o., A.M FOOD CHEMICAL CO., LIMITED, and Calpro Specialities. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to sustain the intense competition and gain a strong foothold in the global market.

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Manufacturing Capacity

Industry life cycle assessment, by region

Product Benchmarking / Product specification and applications

Upcoming/New Entrant by Regions

Technology Trend Analysis

Go To Market Strategy

Regulatory Guidelines

Strategic Recommendations

Additional company profiles with specific to client's interest

Additional country or region analysis- market size and forecast

Average Selling Price Analysis / Price Point Analysis

Expanded list for Company Profiles

Historic market data

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

List of customers/consumers/raw material suppliers- value chain analysis

Market share analysis of players at global/region/country level

SWOT Analysis

Volume Market Size and Forecast

Key Market Segments

By Form

Powder

Granular

Liquid

By Grade

Food Grade

Feed Grade

Pharmaceutical Grade

Industrial Grade

By Application

Animal Feed

Poultry

Swine

Cattle

Aquaculture

Food and Beverages

Bakery Products

Dairy Products

Meat and Poultry Products

Snacks and Confectionery

Beverages

Agrochemicals

Pharmaceuticals

Others

## By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Saudi Arabia

Rest of LAMEA

Key Market Players

Cargill, Incorporated.

Fine Organic Industries Limited.

Perstorp Holding AB

AB Mauri Malaysia

Kanha Life Science Llp

Eastman Chemical Company

Kemin Industries, Inc.

Macco Organiques, s.r.o.

A.M FOOD CHEMICAL CO., LIMITED

Calpro Specialities



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