

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

Market Report | 2024-09-01 | 300 pages | Allied Market Research

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Report description:

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

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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.

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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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- 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

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- 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

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
 - 1.4.1. Primary Research
 - 1.4.2. Secondary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Investment Pockets
 - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers

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- 3.3.2. Threat of New Entrants
- 3.3.3. Threat of Substitutes
- 3.3.4. Competitive Rivalry
- 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities

CHAPTER 4: CALCIUM PROPIONATE MARKET, BY FORM

- 4.1. Market Overview
 - 4.1.1 Market Size and Forecast, By Form
- 4.2. Powder
 - 4.2.1. Key Market Trends, Growth Factors and Opportunities
 - 4.2.2. Market Size and Forecast, By Region
 - 4.2.3. Market Share Analysis, By Country
- 4.3. Granular
 - 4.3.1. Key Market Trends, Growth Factors and Opportunities
 - 4.3.2. Market Size and Forecast, By Region
 - 4.3.3. Market Share Analysis, By Country
- 4.4. Liquid
 - 4.4.1. Key Market Trends, Growth Factors and Opportunities
 - 4.4.2. Market Size and Forecast, By Region
 - 4.4.3. Market Share Analysis, By Country

CHAPTER 5: CALCIUM PROPIONATE MARKET, BY GRADE

- 5.1. Market Overview
 - 5.1.1 Market Size and Forecast, By Grade
- 5.2. Food Grade
 - 5.2.1. Key Market Trends, Growth Factors and Opportunities
 - 5.2.2. Market Size and Forecast, By Region
 - 5.2.3. Market Share Analysis, By Country
- 5.3. Feed Grade
 - 5.3.1. Key Market Trends, Growth Factors and Opportunities
 - 5.3.2. Market Size and Forecast, By Region
 - 5.3.3. Market Share Analysis, By Country
- 5.4. Pharmaceutical Grade
 - 5.4.1. Key Market Trends, Growth Factors and Opportunities
 - 5.4.2. Market Size and Forecast, By Region
 - 5.4.3. Market Share Analysis, By Country
- 5.5. Industrial Grade
 - 5.5.1. Key Market Trends, Growth Factors and Opportunities
 - 5.5.2. Market Size and Forecast, By Region
 - 5.5.3. Market Share Analysis, By Country

CHAPTER 6: CALCIUM PROPIONATE MARKET, BY APPLICATION

- 6.1. Market Overview
 - 6.1.1 Market Size and Forecast, By Application
- 6.2. Animal Feed
 - 6.2.1. Key Market Trends, Growth Factors and Opportunities

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- 6.2.2. Market Size and Forecast, By Region
- 6.2.3. Market Share Analysis, By Country
- 6.2.5. Poultry
 - 6.2.5.1. Market Size and Forecast
- 6.2.6. Swine
 - 6.2.6.1. Market Size and Forecast
- 6.2.7. Cattle
 - 6.2.7.1. Market Size and Forecast
- 6.2.8. Aquaculture
 - 6.2.8.1. Market Size and Forecast
- 6.3. Food And Beverages
 - 6.3.1. Key Market Trends, Growth Factors and Opportunities
 - 6.3.2. Market Size and Forecast, By Region
 - 6.3.3. Market Share Analysis, By Country
 - 6.3.5. Bakery Products
 - 6.3.5.1. Market Size and Forecast
 - 6.3.6. Dairy Products
 - 6.3.6.1. Market Size and Forecast
 - 6.3.7. Meat and Poultry Products
 - 6.3.7.1. Market Size and Forecast
 - 6.3.8. Snacks and Confectionery
 - 6.3.8.1. Market Size and Forecast
 - 6.3.9. Beverages
 - 6.3.9.1. Market Size and Forecast
- 6.4. Agrochemicals
 - 6.4.1. Key Market Trends, Growth Factors and Opportunities
 - 6.4.2. Market Size and Forecast, By Region
 - 6.4.3. Market Share Analysis, By Country
- 6.5. Pharmaceuticals
 - 6.5.1. Key Market Trends, Growth Factors and Opportunities
 - 6.5.2. Market Size and Forecast, By Region
 - 6.5.3. Market Share Analysis, By Country
- 6.6. Others
 - 6.6.1. Key Market Trends, Growth Factors and Opportunities
 - 6.6.2. Market Size and Forecast, By Region
 - 6.6.3. Market Share Analysis, By Country

CHAPTER 7: CALCIUM PROPIONATE MARKET, BY REGION

- 7.1. Market Overview
 - 7.1.1 Market Size and Forecast, By Region
- 7.2. North America
 - 7.2.1. Key Market Trends and Opportunities
 - 7.2.2. Market Size and Forecast, By Form
 - 7.2.3. Market Size and Forecast, By Grade
 - 7.2.4. Market Size and Forecast, By Application
 - 7.2.5. Market Size and Forecast, By Country
 - 7.2.6. U.S. Calcium Propionate Market
 - 7.2.6.1. Market Size and Forecast, By Form

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- 7.2.6.2. Market Size and Forecast, By Grade
- 7.2.6.3. Market Size and Forecast, By Application
- 7.2.7. Canada Calcium Propionate Market
 - 7.2.7.1. Market Size and Forecast, By Form
 - 7.2.7.2. Market Size and Forecast, By Grade
 - 7.2.7.3. Market Size and Forecast, By Application
- 7.2.8. Mexico Calcium Propionate Market
 - 7.2.8.1. Market Size and Forecast, By Form
 - 7.2.8.2. Market Size and Forecast, By Grade
 - 7.2.8.3. Market Size and Forecast, By Application
- 7.3. Europe
 - 7.3.1. Key Market Trends and Opportunities
 - 7.3.2. Market Size and Forecast, By Form
 - 7.3.3. Market Size and Forecast, By Grade
 - 7.3.4. Market Size and Forecast, By Application
 - 7.3.5. Market Size and Forecast, By Country
 - 7.3.6. France Calcium Propionate Market
 - 7.3.6.1. Market Size and Forecast, By Form
 - 7.3.6.2. Market Size and Forecast, By Grade
 - 7.3.6.3. Market Size and Forecast, By Application
 - 7.3.7. Germany Calcium Propionate Market
 - 7.3.7.1. Market Size and Forecast, By Form
 - 7.3.7.2. Market Size and Forecast, By Grade
 - 7.3.7.3. Market Size and Forecast, By Application
 - 7.3.8. Italy Calcium Propionate Market
 - 7.3.8.1. Market Size and Forecast, By Form
 - 7.3.8.2. Market Size and Forecast, By Grade
 - 7.3.8.3. Market Size and Forecast, By Application
 - 7.3.9. Spain Calcium Propionate Market
 - 7.3.9.1. Market Size and Forecast, By Form
 - 7.3.9.2. Market Size and Forecast, By Grade
 - 7.3.9.3. Market Size and Forecast, By Application
 - 7.3.10. UK Calcium Propionate Market
 - 7.3.10.1. Market Size and Forecast, By Form
 - 7.3.10.2. Market Size and Forecast, By Grade
 - 7.3.10.3. Market Size and Forecast, By Application
 - 7.3.11. Rest Of Europe Calcium Propionate Market
 - 7.3.11.1. Market Size and Forecast, By Form
 - 7.3.11.2. Market Size and Forecast, By Grade
 - 7.3.11.3. Market Size and Forecast, By Application
- 7.4. Asia-Pacific
 - 7.4.1. Key Market Trends and Opportunities
 - 7.4.2. Market Size and Forecast, By Form
 - 7.4.3. Market Size and Forecast, By Grade
 - 7.4.4. Market Size and Forecast, By Application
 - 7.4.5. Market Size and Forecast, By Country
 - 7.4.6. China Calcium Propionate Market

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- 7.4.6.1. Market Size and Forecast, By Form
 - 7.4.6.2. Market Size and Forecast, By Grade
 - 7.4.6.3. Market Size and Forecast, By Application
 - 7.4.7. Japan Calcium Propionate Market
 - 7.4.7.1. Market Size and Forecast, By Form
 - 7.4.7.2. Market Size and Forecast, By Grade
 - 7.4.7.3. Market Size and Forecast, By Application
 - 7.4.8. India Calcium Propionate Market
 - 7.4.8.1. Market Size and Forecast, By Form
 - 7.4.8.2. Market Size and Forecast, By Grade
 - 7.4.8.3. Market Size and Forecast, By Application
 - 7.4.9. South Korea Calcium Propionate Market
 - 7.4.9.1. Market Size and Forecast, By Form
 - 7.4.9.2. Market Size and Forecast, By Grade
 - 7.4.9.3. Market Size and Forecast, By Application
 - 7.4.10. Australia Calcium Propionate Market
 - 7.4.10.1. Market Size and Forecast, By Form
 - 7.4.10.2. Market Size and Forecast, By Grade
 - 7.4.10.3. Market Size and Forecast, By Application
 - 7.4.11. Rest of Asia-Pacific Calcium Propionate Market
 - 7.4.11.1. Market Size and Forecast, By Form
 - 7.4.11.2. Market Size and Forecast, By Grade
 - 7.4.11.3. Market Size and Forecast, By Application
 - 7.5. LAMEA
 - 7.5.1. Key Market Trends and Opportunities
 - 7.5.2. Market Size and Forecast, By Form
 - 7.5.3. Market Size and Forecast, By Grade
 - 7.5.4. Market Size and Forecast, By Application
 - 7.5.5. Market Size and Forecast, By Country
 - 7.5.6. Brazil Calcium Propionate Market
 - 7.5.6.1. Market Size and Forecast, By Form
 - 7.5.6.2. Market Size and Forecast, By Grade
 - 7.5.6.3. Market Size and Forecast, By Application
 - 7.5.7. South Africa Calcium Propionate Market
 - 7.5.7.1. Market Size and Forecast, By Form
 - 7.5.7.2. Market Size and Forecast, By Grade
 - 7.5.7.3. Market Size and Forecast, By Application
 - 7.5.8. Saudi Arabia Calcium Propionate Market
 - 7.5.8.1. Market Size and Forecast, By Form
 - 7.5.8.2. Market Size and Forecast, By Grade
 - 7.5.8.3. Market Size and Forecast, By Application
 - 7.5.9. Rest of LAMEA Calcium Propionate Market
 - 7.5.9.1. Market Size and Forecast, By Form
 - 7.5.9.2. Market Size and Forecast, By Grade
 - 7.5.9.3. Market Size and Forecast, By Application
- CHAPTER 8: COMPETITIVE LANDSCAPE
- 8.1. Introduction

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- 8.2. Top Winning Strategies
- 8.3. Product Mapping Of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top Player Positioning, 2023

CHAPTER 9: COMPANY PROFILES

- 9.1. Cargill, Incorporated.
 - 9.1.1. Company Overview
 - 9.1.2. Key Executives
 - 9.1.3. Company Snapshot
 - 9.1.4. Operating Business Segments
 - 9.1.5. Product Portfolio
 - 9.1.6. Business Performance
 - 9.1.7. Key Strategic Moves and Developments
- 9.2. Fine Organic Industries Limited.
 - 9.2.1. Company Overview
 - 9.2.2. Key Executives
 - 9.2.3. Company Snapshot
 - 9.2.4. Operating Business Segments
 - 9.2.5. Product Portfolio
 - 9.2.6. Business Performance
 - 9.2.7. Key Strategic Moves and Developments
- 9.3. Perstorp Holding AB
 - 9.3.1. Company Overview
 - 9.3.2. Key Executives
 - 9.3.3. Company Snapshot
 - 9.3.4. Operating Business Segments
 - 9.3.5. Product Portfolio
 - 9.3.6. Business Performance
 - 9.3.7. Key Strategic Moves and Developments
- 9.4. AB Mauri Malaysia
 - 9.4.1. Company Overview
 - 9.4.2. Key Executives
 - 9.4.3. Company Snapshot
 - 9.4.4. Operating Business Segments
 - 9.4.5. Product Portfolio
 - 9.4.6. Business Performance
 - 9.4.7. Key Strategic Moves and Developments
- 9.5. Kanha Life Science Llp
 - 9.5.1. Company Overview
 - 9.5.2. Key Executives
 - 9.5.3. Company Snapshot
 - 9.5.4. Operating Business Segments
 - 9.5.5. Product Portfolio
 - 9.5.6. Business Performance
 - 9.5.7. Key Strategic Moves and Developments
- 9.6. Eastman Chemical Company

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- 9.6.1. Company Overview
- 9.6.2. Key Executives
- 9.6.3. Company Snapshot
- 9.6.4. Operating Business Segments
- 9.6.5. Product Portfolio
- 9.6.6. Business Performance
- 9.6.7. Key Strategic Moves and Developments
- 9.7. Kemin Industries, Inc.
 - 9.7.1. Company Overview
 - 9.7.2. Key Executives
 - 9.7.3. Company Snapshot
 - 9.7.4. Operating Business Segments
 - 9.7.5. Product Portfolio
 - 9.7.6. Business Performance
 - 9.7.7. Key Strategic Moves and Developments
- 9.8. Macco Organiques, S.r.o.
 - 9.8.1. Company Overview
 - 9.8.2. Key Executives
 - 9.8.3. Company Snapshot
 - 9.8.4. Operating Business Segments
 - 9.8.5. Product Portfolio
 - 9.8.6. Business Performance
 - 9.8.7. Key Strategic Moves and Developments
- 9.9. A.M FOOD CHEMICAL CO., LIMITED
 - 9.9.1. Company Overview
 - 9.9.2. Key Executives
 - 9.9.3. Company Snapshot
 - 9.9.4. Operating Business Segments
 - 9.9.5. Product Portfolio
 - 9.9.6. Business Performance
 - 9.9.7. Key Strategic Moves and Developments
- 9.10. Calpro Specialities
 - 9.10.1. Company Overview
 - 9.10.2. Key Executives
 - 9.10.3. Company Snapshot
 - 9.10.4. Operating Business Segments
 - 9.10.5. Product Portfolio
 - 9.10.6. Business Performance
 - 9.10.7. Key Strategic Moves and Developments

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