

High Purity Calcium Sulfate Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2020-2030F Segmented By Form (Powder, Granules, Others), By End Use (Pharmaceuticals, Food & Beverage, Construction, Agriculture, Cosmetics & Personal Care, Others), By Region & Competition, 2020-2030F

Market Report | 2025-09-30 | 185 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$4500.00
- Multi-User License \$5500.00
- Custom Research License \$8000.00

Report description:

Market Overview

Global High Purity Calcium Sulfate Market was valued at USD 11.20 Billion in 2024 and is expected to reach USD 16.07 Billion by 2030 with a CAGR of 6.20% during the forecast period. The global high-purity calcium sulfate (HPCS) market is experiencing steady growth, driven by rising demand in pharmaceuticals, food and beverages, construction, and agriculture. Its superior purity, safety, and functional properties make it a preferred additive and excipient. Advancements in sustainable manufacturing and expanding applications further enhance market opportunities worldwide.

Key Market Drivers

Pharmaceutical Use of High-Purity Calcium Sulfate

The pharmaceutical sector is one of the largest consumers of high-purity calcium sulfate (HPCS), and its continued expansion is a critical growth factor for the global market. Owing to its inert nature, stability, and compressibility, HPCS is widely used as an excipient in tablet formulations, capsules, and other oral solid dosage forms. As the demand for medicines grows worldwide, so does the reliance on safe and high-quality excipients, making pharmaceuticals a central driver of HPCS consumption.

The pharmaceutical industry is experiencing robust growth globally, particularly in emerging economies. According to the World Health Organization (WHO), the global pharmaceuticals market is projected to exceed USD 1.5 trillion annually by 2025. Much of this growth stems from increasing access to medicines, rising healthcare spending, and the burden of chronic diseases. For example, the International Diabetes Federation estimates that diabetes cases will rise to 643 million by 2030, substantially increasing demand for long-term therapies and, by extension, excipients used in oral medications.

More than 70% of medicines worldwide are delivered in oral solid dosage forms, such as tablets and capsules, because of their

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

stability, ease of use, and cost-effectiveness. Excipients like HPCS are indispensable in these formulations, functioning as binders, fillers, and anti-caking agents. The U.S. Pharmacopeia (USP) lists calcium sulfate among excipients recognized for their safety and efficacy in pharmaceutical use.

High-purity grades are especially important because they ensure compliance with stringent regulatory requirements for contaminant-free drug formulations. The European Medicines Agency (EMA) emphasizes that excipients must meet high standards of purity to ensure patient safety, particularly in chronic disease therapies where long-term exposure is common.

The pharmaceutical industry is a major engine of growth for the global high-purity calcium sulfate market. Rising demand for oral solid dosage forms, growing pharmaceutical production in emerging markets, and stringent regulatory standards all point toward sustained reliance on HPCS as an excipient. With chronic disease prevalence on the rise and healthcare access expanding worldwide, the role of high-purity calcium sulfate in pharmaceutical manufacturing is set to grow significantly in the years ahead.

Key Market Challenges

Raw Material Supply and Cost Volatility

One of the most pressing challenges faced by the global high-purity calcium sulfate (HPCS) market is the dependence on raw material availability and the associated cost volatility. HPCS is primarily derived from natural gypsum deposits or produced synthetically through chemical processes. Both pathways are highly sensitive to external factors that can disrupt supply and influence pricing.

Natural gypsum is a finite mineral resource, and its extraction is subject to mining regulations, land-use restrictions, and environmental protection policies in many regions. Governments across the globe are increasingly tightening restrictions on quarrying activities to reduce ecological degradation and preserve natural resources. These measures, while environmentally necessary, limit the volume of gypsum available for industrial processing. Additionally, geopolitical tensions, transportation bottlenecks, and uneven regional distribution of gypsum reserves exacerbate supply chain vulnerabilities, creating uncertainty for producers.

On the other hand, synthetic gypsum, produced as a byproduct of flue-gas desulfurization (FGD) in coal-fired power plants, faces its own set of challenges. The global shift toward renewable energy and the gradual phase-out of coal plants have reduced the availability of FGD gypsum in several developed economies. This decline restricts access to a previously reliable secondary source of raw material. Moreover, synthetic production methods that involve chemical processing demand high energy inputs, driving up operational costs, particularly in times of energy price inflation.

Key Market Trends

Sustainability & Green Manufacturing

Sustainability has emerged as a defining trend across industries, and the high-purity calcium sulfate (HPCS) market is no exception. Growing concerns about climate change, resource depletion, and environmental protection are compelling manufacturers to rethink traditional production methods and shift toward greener, more responsible practices.

Producers are increasingly investing in low-emission technologies and energy-efficient processing techniques to reduce the carbon footprint associated with gypsum extraction and calcium sulfate refining. Advanced recycling and waste recovery systems are also being deployed to minimize raw material wastage and improve overall efficiency. For example, several plants are exploring the use of renewable energy sources, such as solar and wind, to power operations, while others are optimizing water recycling in processing facilities.

The emphasis on sustainability is not only driven by internal commitments but also by external pressures. Regulatory frameworks such as the European Green Deal and stricter emissions standards in North America and Asia are pushing industries to comply with eco-friendly benchmarks. At the same time, global corporations are seeking suppliers who can demonstrate sustainable sourcing and transparent environmental reporting, creating market advantages for HPCS producers that align with these expectations.

Beyond compliance, sustainable production enhances the value proposition of HPCS in applications like green construction, where eco-certified materials are prioritized, and in agriculture, where HPCS is increasingly linked to soil enrichment and sustainable farming practices. This alignment of environmental responsibility with end-user demand is making green manufacturing a cornerstone of long-term growth in the global HPCS market.

Key Market Players

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Boral Limited
- USG Corporation
- Compagnie de Saint-Gobain SA
- Beijing New Building Materials Public Limited Company
- Jonoub Gypsum
- PABCO Building Products, LLC
- Solvay SA
- Georgia-Pacific Gypsum LLC
- Knauf Digital GmbH
- Yoshino Gypsum Co., Ltd.

Report Scope

In this report, the Global High Purity Calcium Sulfate Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

-□High Purity Calcium Sulfate Market, By Form:

- o Powder
- o Granules
- o Others

-□High Purity Calcium Sulfate Market, By End Use:

- o Pharmaceuticals
- o Food & Beverage
- o Construction
- o Agriculture
- o Cosmetics & Personal Care
- o Others

-□High Purity Calcium Sulfate Market, By Region:

- o North America
 - United States
 - Canada
 - Mexico
- o Europe
 - France
 - United Kingdom
 - Italy
 - Germany
 - Spain
- o Asia Pacific
 - China
 - India
 - Japan
 - Australia
 - South Korea
- o South America
 - Brazil
 - Argentina
 - Colombia
- o Middle East & Africa
 - South Africa

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

□ Saudi Arabia

□ UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global High Purity Calcium Sulfate Market.

Available Customizations:

Global High Purity Calcium Sulfate Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations
2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validation
 - 2.7. Assumptions and Limitations
3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations
 - 3.3. Overview of Key Market Players
 - 3.4. Overview of Key Regions/Countries
 - 3.5. Overview of Market Drivers, Challenges, and Trends
4. Global High Purity Calcium Sulfate Market Outlook
 - 4.1. Market Size & Forecast
 - 4.1.1. By Value & Volume
 - 4.2. Market Share & Forecast
 - 4.2.1. By Form (Powder, Granules, Others)
 - 4.2.2. By End Use (Pharmaceuticals, Food & Beverage, Construction, Agriculture, Cosmetics & Personal Care, Others)
 - 4.2.3. By Region
 - 4.2.4. By Company (2024)
 - 4.3. Market Map
5. North America High Purity Calcium Sulfate Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value & Volume
 - 5.2. Market Share & Forecast
 - 5.2.1. By Form
 - 5.2.2. By End Use

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.2.3. By Country
- 5.3. North America: Country Analysis
 - 5.3.1. United States High Purity Calcium Sulfate Market Outlook
 - 5.3.1.1. Market Size & Forecast
 - 5.3.1.1.1. By Value & Volume
 - 5.3.1.2. Market Share & Forecast
 - 5.3.1.2.1. By Form
 - 5.3.1.2.2. By End Use
 - 5.3.2. Mexico High Purity Calcium Sulfate Market Outlook
 - 5.3.2.1. Market Size & Forecast
 - 5.3.2.1.1. By Value & Volume
 - 5.3.2.2. Market Share & Forecast
 - 5.3.2.2.1. By Form
 - 5.3.2.2.2. By End Use
 - 5.3.3. Canada High Purity Calcium Sulfate Market Outlook
 - 5.3.3.1. Market Size & Forecast
 - 5.3.3.1.1. By Value & Volume
 - 5.3.3.2. Market Share & Forecast
 - 5.3.3.2.1. By Form
 - 5.3.3.2.2. By End Use
- 6. Europe High Purity Calcium Sulfate Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value & Volume
 - 6.2. Market Share & Forecast
 - 6.2.1. By Form
 - 6.2.2. By End Use
 - 6.2.3. By Country
 - 6.3. Europe: Country Analysis
 - 6.3.1. France High Purity Calcium Sulfate Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value & Volume
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Form
 - 6.3.1.2.2. By End Use
 - 6.3.2. Germany High Purity Calcium Sulfate Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value & Volume
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Form
 - 6.3.2.2.2. By End Use
 - 6.3.3. United Kingdom High Purity Calcium Sulfate Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value & Volume
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Form
 - 6.3.3.2.2. By End Use
 - 6.3.4. Italy High Purity Calcium Sulfate Market Outlook

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.3.4.1. Market Size & Forecast
 - 6.3.4.1.1. By Value & Volume
- 6.3.4.2. Market Share & Forecast
 - 6.3.4.2.1. By Form
 - 6.3.4.2.2. By End Use
- 6.3.5. Spain High Purity Calcium Sulfate Market Outlook
 - 6.3.5.1. Market Size & Forecast
 - 6.3.5.1.1. By Value & Volume
 - 6.3.5.2. Market Share & Forecast
 - 6.3.5.2.1. By Form
 - 6.3.5.2.2. By End Use
- 7. Asia-Pacific High Purity Calcium Sulfate Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value & Volume
 - 7.2. Market Share & Forecast
 - 7.2.1. By Form
 - 7.2.2. By End Use
 - 7.2.3. By Country
 - 7.3. Asia-Pacific: Country Analysis
 - 7.3.1. China High Purity Calcium Sulfate Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value & Volume
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Form
 - 7.3.1.2.2. By End Use
 - 7.3.2. India High Purity Calcium Sulfate Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value & Volume
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Form
 - 7.3.2.2.2. By End Use
 - 7.3.3. South Korea High Purity Calcium Sulfate Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value & Volume
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Form
 - 7.3.3.2.2. By End Use
 - 7.3.4. Japan High Purity Calcium Sulfate Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value & Volume
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Form
 - 7.3.4.2.2. By End Use
 - 7.3.5. Australia High Purity Calcium Sulfate Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value & Volume
 - 7.3.5.2. Market Share & Forecast

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.3.5.2.1. By Form
- 7.3.5.2.2. By End Use
- 8. South America High Purity Calcium Sulfate Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value & Volume
 - 8.2. Market Share & Forecast
 - 8.2.1. By Form
 - 8.2.2. By End Use
 - 8.2.3. By Country
 - 8.3. South America: Country Analysis
 - 8.3.1. Brazil High Purity Calcium Sulfate Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value & Volume
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Form
 - 8.3.1.2.2. By End Use
 - 8.3.2. Argentina High Purity Calcium Sulfate Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value & Volume
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Form
 - 8.3.2.2.2. By End Use
 - 8.3.3. Colombia High Purity Calcium Sulfate Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value & Volume
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Form
 - 8.3.3.2.2. By End Use
- 9. Middle East and Africa High Purity Calcium Sulfate Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value & Volume
 - 9.2. Market Share & Forecast
 - 9.2.1. By Form
 - 9.2.2. By End Use
 - 9.2.3. By Country
 - 9.3. MEA: Country Analysis
 - 9.3.1. South Africa High Purity Calcium Sulfate Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value & Volume
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Form
 - 9.3.1.2.2. By End Use
 - 9.3.2. Saudi Arabia High Purity Calcium Sulfate Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value & Volume
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Form

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.3.2.2.2. By End Use
- 9.3.3. UAE High Purity Calcium Sulfate Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value & Volume
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Form
 - 9.3.3.2.2. By End Use
- 10. Market Dynamics
 - 10.1. Drivers
 - 10.2. Challenges
- 11. Market Trends & Developments
 - 11.1. Merger & Acquisition (If Any)
 - 11.2. Product Launches (If Any)
 - 11.3. Recent Developments
- 12. Disruptions: Conflicts, Pandemics and Trade Barriers
- 13. Global High Purity Calcium Sulfate Market: SWOT Analysis
- 14. Porters Five Forces Analysis
 - 14.1. Competition in the Industry
 - 14.2. Potential of New Entrants
 - 14.3. Power of Suppliers
 - 14.4. Power of Customers
 - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
 - 15.1. Boral Limited
 - 15.1.1. Business Overview
 - 15.1.2. Company Snapshot
 - 15.1.3. Products & Service Offerings
 - 15.1.4. Financials (As Reported)
 - 15.1.5. Recent Developments
 - 15.1.6. Key Personnel Details
 - 15.1.7. SWOT Analysis
 - 15.2. USG Corporation
 - 15.3. Compagnie de Saint-Gobain SA
 - 15.4. Beijing New Building Materials Public Limited Company
 - 15.5. Jonoub Gypsum
 - 15.6. PABCO Building Products, LLC
 - 15.7. Solvay SA
 - 15.8. Georgia-Pacific Gypsum LLC
 - 15.9. Knauf Digital GmbH
 - 15.10. Yoshino Gypsum Co., Ltd.
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

High Purity Calcium Sulfate Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2020-2030F Segmented By Form (Powder, Granules, Others), By End Use (Pharmaceuticals, Food & Beverage, Construction, Agriculture, Cosmetics & Personal Care, Others), By Region & Competition, 2020-2030F

Market Report | 2025-09-30 | 185 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4500.00
	Multi-User License	\$5500.00
	Custom Research License	\$8000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-03

Signature

A large, empty rectangular box with a thin black border, intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com