

Croscarmellose Sodium Market Poised for Growth at a 7.8% CAGR Over the Next Decade | Persistence Market Research

North America's croscarmellose sodium market thrives on strong pharma & nutraceutical demand, generics production, and rapid tablet disintegration use

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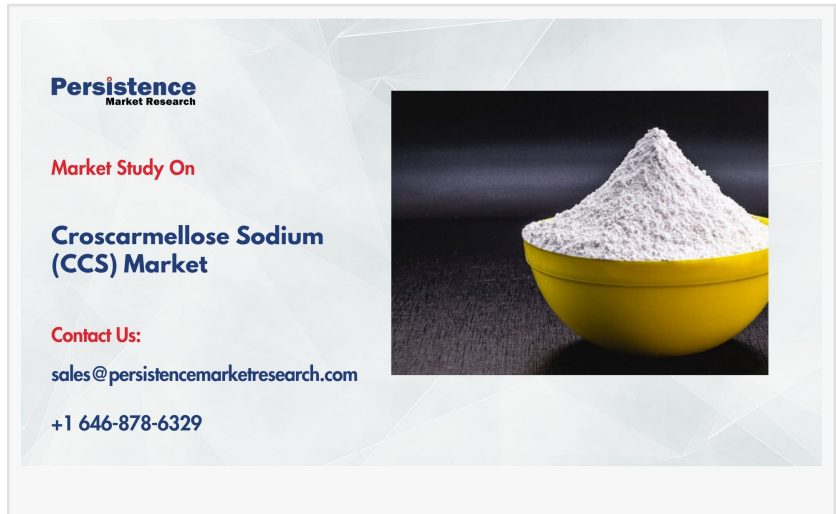
/EINPresswire.com/ -- The global [croscarmellose sodium market](#) size is likely to be valued at US\$ 288.7 Mn in 2025 and is expected to reach US\$ 487.0 Mn by 2032, growing at a robust

CAGR of 7.8% during the forecast period from 2025 to 2032. Croscarmellose sodium, a cross-linked polymer of carboxymethyl cellulose, is widely used as a superdisintegrant in pharmaceutical formulations to enhance the dissolution rate and bioavailability of oral dosage forms such as tablets and capsules. Its superior swelling properties, combined with excellent stability and non-toxic nature, make it an indispensable excipient in modern pharmaceutical manufacturing.

The market is witnessing significant growth due to the increasing global demand for oral solid dosage forms, expansion of the pharmaceutical industry, and rising prevalence of chronic diseases that require long-term medication. Croscarmellose sodium finds extensive applications across prescription drugs, over-the-counter medications, and nutraceuticals. Moreover, its adoption in fast-dissolving and orally disintegrating tablets is further driving market expansion. As pharmaceutical companies continue to focus on enhancing drug efficacy and patient compliance, the use of croscarmellose sodium is projected to grow steadily across the globe.

Key Highlights from the Report

- The global croscarmellose sodium market is projected to reach US\$ 487.0 Mn by 2032.
- Pharmaceutical formulations, particularly oral solid dosage forms, represent the largest end-



use segment.

- North America and Europe lead the market due to established pharmaceutical industries and regulatory compliance standards.
- Increasing demand for generic drugs and nutraceuticals is fueling market adoption.
- Technological innovations in drug delivery systems are driving growth globally.
- Asia-Pacific is emerging as a high-growth region due to rapid industrialization and expansion of pharmaceutical manufacturing capacities.

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Market Segmentation

The croscarmellose sodium market is segmented based on type, application, and end-use. On the basis of type, it includes sodium carboxymethyl cellulose cross-linked grades suitable for immediate-release and controlled-release formulations. Immediate-release tablets dominate the market owing to the widespread use of croscarmellose sodium as a superdisintegrant that rapidly facilitates tablet breakdown in the gastrointestinal tract. Controlled-release and modified-release formulations are increasingly adopting croscarmellose sodium to optimize drug release profiles and enhance patient compliance.

By application, the pharmaceutical sector constitutes the largest share, with tablets, capsules, and orally disintegrating tablets being the primary dosage forms. Nutraceuticals and dietary supplements are emerging as high-potential applications, driven by growing health awareness and increasing adoption of functional foods. The excipient is also witnessing applications in veterinary medicine and cosmetic formulations, expanding its market footprint.

Regional Insights

North America remains a dominant market for croscarmellose sodium, attributed to a well-established pharmaceutical industry, stringent regulatory frameworks, and rising R&D activities in advanced drug delivery systems. Europe follows closely, with demand driven by robust generic drug production, high healthcare expenditure, and adoption of advanced excipients in pharmaceutical formulations. The Asia-Pacific region is poised for the fastest growth, propelled by increasing pharmaceutical manufacturing in countries like India, China, and Japan, coupled with growing investments in healthcare infrastructure and rising awareness about drug quality and efficacy. Latin America and the Middle East & Africa show moderate growth, primarily fueled by emerging pharmaceutical manufacturing hubs and increasing government initiatives to strengthen healthcare access.

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Market Drivers

The growth of the croscarmellose sodium market is primarily driven by the increasing production of oral solid dosage forms, rising prevalence of chronic and lifestyle diseases, and growing demand for generic medications. The excipient's ability to enhance dissolution rates and improve bioavailability aligns with the pharmaceutical industry's focus on patient-centric drug development. In addition, the trend toward fast-dissolving and orally disintegrating tablets, which provide rapid therapeutic action and improved patient compliance, has significantly boosted the adoption of croscarmellose sodium. Continuous advancements in pharmaceutical formulations and drug delivery technologies further support market growth, while increasing regulatory approvals for excipients globally are facilitating widespread adoption.

Market Restraints

Despite strong growth prospects, the croscarmellose sodium market faces certain challenges. High manufacturing costs associated with cross-linked grades, stringent regulatory requirements for excipients, and variability in raw material availability may limit adoption in some regions. Additionally, competition from alternative superdisintegrants, such as sodium starch glycolate and crospovidone, could restrain market growth. Companies must also address challenges related to formulation compatibility, moisture sensitivity, and stability during storage and transport to maintain product efficacy.

Company Insights

Key players operating in the global croscarmellose sodium market include:

- Roquette Frères
- DFE Pharma
- JRS Pharma
- IFF Pharma
- Mingtai Chemical
- Sigachi Industries Limited
- Ankit Pulps and Boards Pvt. Ltd.
- Alsiano A/S
- NB Entrepreneur
- Amster Microcell
- Patel Chem Specialties Ltd.
- Nikita Pharmaceuticals
- Shandong Yulong Cellulose Technology Co., Ltd
- Padmashree Group
- Gangwal Healthcare Private Limited

- Accent Microcell Pvt. Ltd.
- Merck Millipore
- Jiangxi Alpha Hi-tech Pharmaceutical CO., Ltd.
- Prachin Chemical

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Recent developments in the market include:

- Ashland Global Holdings Inc. launched an advanced croscarmellose sodium grade tailored for orally disintegrating tablets, enhancing dissolution speed and patient compliance.
- Roquette Frères introduced a high-purity croscarmellose sodium variant for nutraceutical applications, catering to the growing functional food sector.
- Colorcon Inc. expanded its production capabilities in North America to meet rising demand for pharmaceutical excipients, including croscarmellose sodium, in generic drug manufacturing.

The global croscarmellose sodium market is set for substantial growth over the forecast period, supported by the rising production of oral solid dosage forms, expansion of pharmaceutical manufacturing capacities, and increasing focus on innovative drug delivery systems. With the growing adoption of fast-dissolving and patient-friendly tablets, coupled with expanding applications in nutraceuticals and veterinary medicines, croscarmellose sodium is poised to maintain a strong presence in the pharmaceutical excipients landscape. Continuous innovation, regional expansion, and strategic collaborations among key players will be critical in shaping market dynamics and ensuring sustainable growth in the coming years.

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