

Global Starch Derivatives Market Size study, by Product (Maltodextrin, Glucose Syrup, Cyclodextrin, Hydrolysates), by Application (Cosmetics, Paper, Food & Beverages), and Regional Forecasts 2022-2032

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Abstracts

The Global Starch Derivatives Market is valued at approximately USD 78.96 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 6.20% over the forecast period 2024–2032. As industries across the globe transition toward multifunctional, cost-effective, and health-driven ingredients, starch derivatives have rapidly emerged as pivotal building blocks across diverse applications. Derived from natural starch sources such as corn, wheat, or cassava, these derivatives—including maltodextrin, glucose syrup, cyclodextrins, and hydrolysates—have transformed from simple sweeteners into sophisticated agents enhancing texture, stability, and shelf life in food, cosmetics, and industrial formulations.

With the rise in functional and convenience food consumption, manufacturers are increasingly leveraging starch derivatives to improve mouthfeel, reduce fat content, and provide longer shelf stability—without altering sensory characteristics. In the food and beverage industry, glucose syrup acts as a humectant and sweetener; maltodextrin improves body and bulk in sports nutrition, while hydrolysates serve as vital carriers in encapsulated flavors. Simultaneously, cosmetics and personal care sectors are using starch-based compounds for skin-conditioning effects and smoother product spreadability. In paper manufacturing, starch derivatives are crucial for enhancing printability and binding strength, thus serving as eco-friendlier alternatives to synthetic chemicals.

This expanding market is being fueled by relentless R&D initiatives that explore next-

generation starch derivatives customized for specific industrial applications. Innovations in enzymatic and acid hydrolysis technologies, coupled with the integration of green processing and non-GMO starch sources, are reshaping the competitive dynamics of the market. Companies are investing in biotechnological advancements to offer tailored viscosities, improved solubility, and clean-label appeal. Regulatory shifts in favor of plant-based ingredients and sustainability are also amplifying the demand for starch derivatives in formulations that must comply with stringent labeling and environmental norms.

As health-conscious consumers gravitate toward low-calorie and clean-label products, starch derivatives are playing a critical role in aligning product development with evolving market demands. In processed foods, they replace fats and sugars while maintaining taste and structure. In cosmetics, they are seen as safe, plant-based alternatives. Additionally, the increasing push for bio-based packaging and industrial materials has opened new frontiers for starch derivative applications, creating synergistic opportunities across industries. These developments are not only driving volume growth but also allowing manufacturers to differentiate through performance and sustainability attributes.

Regionally, North America holds a strong foothold in the starch derivatives market, fueled by a mature food processing industry and robust demand for functional ingredients. Europe follows closely, benefiting from supportive regulatory frameworks and high adoption in cosmetics and paper applications. Asia Pacific is projected to register the fastest CAGR over the forecast period, driven by rapid urbanization, a burgeoning food sector, and government incentives supporting the use of eco-friendly materials in countries like China, India, and Indonesia. Latin America and the Middle East & Africa are also witnessing incremental growth, catalyzed by rising consumer awareness and expanding industrial manufacturing.

Major market player included in this report are:

Cargill, Incorporated

Tate & Lyle PLC

Roquette Freres

Archer Daniels Midland Company

Ingredion Incorporated

Avebe Group

BENEO GmbH

Foodchem International Corporation

Global Sweeteners Holdings Ltd

AGRANA Beteiligungs-AG

Gulshan Polyols Ltd.

Grain Processing Corporation

Matsutani Chemical Industry Co., Ltd.

Sunar Misir

Zhucheng Dongxiao Biotechnology Co., Ltd.

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

By Product

Maltodextrin

Glucose Syrup

Cyclodextrin

Hydrolysates

By Application

Cosmetics

Paper

Food & Beverages

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & 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.

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