+357 96 030922
info@marketpublishers.com

Polyol Sweeteners Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Sorbitol, Erythritol, Maltitol, Mannitol, lactitol, Isomalt, Xylitol, Hydrogenated Starch Hydrolysate and Others), By Form (Powder/Crystal and Liquid/Syrup), By Application (Beverages, Bakery & Confectionery, Dairy, Oral Care, Pharmaceuticals and Others), By Function (Bulking Agents, Flavouring or Sweetening Agents, Excipients, Humectants and Others), By Region & Competition, 2021-2031F

https://marketpublishers.com/r/PBF84D1E8B50EN.html
Date: January 2026
Pages: 181
Price: US$ 4,500.00 (Single User License)
ID: PBF84D1E8B50EN

Abstracts

The Global Polyol Sweeteners Market is projected to expand from USD 6.13 Billion in 2025 to USD 9.31 Billion by 2031, registering a CAGR of 7.21%. Commonly referred to as sugar alcohols, these carbohydrate-derived additives?including sorbitol, xylitol, and erythritol?serve as low-calorie, reduced-glycemic sugar substitutes. This growth is primarily fueled by the increasing global incidence of diabetes and obesity, which creates a critical need for non-cariogenic and insulin-independent sweeteners in food production. Furthermore, the unique technical capacity of polyols to function as humectants and bulking agents facilitates their use in confectionery and pharmaceutical products, providing functional advantages beyond simple sweetness. Data from Starch Europe indicates that in 2024, the European sector produced 9.8 million tonnes of starch and starch derivatives, guaranteeing a substantial and reliable feedstock supply for large-scale polyol manufacturing.

Despite this positive growth trend, the market encounters a major hurdle regarding

gastrointestinal tolerance, as consuming high amounts of specific polyols can trigger laxative effects and digestive distress. This physiological constraint forces regulatory agencies to require warning labels and necessitates that manufacturers limit usage levels, thereby restricting the capacity of these sweeteners to act as comprehensive, high-volume sucrose substitutes across all consumer goods.

Market Driver

The escalating global prevalence of diabetes and obesity serves as a primary driver for the global polyol sweeteners market. As health consciousness increases, consumers are actively seeking low-glycemic substitutes for sucrose to manage blood glucose and weight. Polyols such as erythritol and xylitol are crucial in this transition because they offer the requisite sweetness and bulking characteristics without the high caloric density of traditional sugars. This health-oriented demand is supported by concerning disease statistics that urge food manufacturers to reformulate products using insulin-independent ingredients; according to the International Diabetes Federation, approximately 589 million adults globally were living with diabetes in 2024, highlighting the urgent need for diabetic-friendly food formulations.

Stringent government regulations and sugar reduction mandates further speed up market growth by compelling the industry to adopt non-nutritive sweeteners. Governments worldwide are enacting fiscal policies, such as sugar taxes and front-of-pack labeling laws, to lower excessive sugar consumption and alleviate public health issues. These legislative pressures leave manufacturers with little alternative but to incorporate polyols, which provide functional versatility in maintaining texture and mouthfeel in reformulated beverages and confectionery. The World Health Organization noted in April 2024 that 108 countries had established national taxes on sugar-sweetened beverages to deter high-sugar intake. Consequently, major ingredient suppliers are expanding their sugar-reduction portfolios to adhere to these regulations; for instance, Tate & Lyle PLC reported in its 'Annual Report 2024' (May 2024) that its low- and no-calorie sweeteners and fibers have eliminated 7.9 million tonnes of sugar from consumer diets since March 2020.

Market Challenge

The main impediment hindering the growth of the Global Polyol Sweeteners Market is the issue of gastrointestinal tolerance. Since polyol molecules are only partially absorbed in the small intestine, excessive consumption inevitably results in colonic fermentation, leading to gas, bloating, and laxative effects. This physiological limitation

obliges food and beverage manufacturers to limit the inclusion rates of these ingredients to prevent consumer discomfort, effectively blocking polyols from acting as 1:1 bulk replacements for sucrose in high-volume products. Moreover, the regulatory mandate for warning labels regarding these laxative effects generates a negative perception, causing health-conscious buyers to hesitate before purchasing items containing these additives.

This caution regarding potential adverse reactions directly diminishes the total addressable market volume. According to the International Food Information Council, 31% of consumers who reduced or ceased their intake of low- and no-calorie sweeteners in 2024 cited safety concerns as a primary motivation. This statistic highlights a critical retention issue; even as the demand for sugar reduction accelerates, the market cannot fully capitalize on this trend because the physical side effects of polyols deter a significant segment of the consumer base. Consequently, manufacturers are restricted to using these sweeteners in smaller quantities or niche applications, thereby stunting the overall expansion of the industry.

Market Trends

The transition toward plant-based and natural polyol sourcing is fundamentally reshaping the market as manufacturers increasingly prioritize sustainable feedstock procurement to meet clean-label consumer demands. Rather than relying solely on conventional starch derivatives, major producers are moving to regenerative agricultural supply chains to lower the carbon footprint of ingredients like erythritol and sorbitol. This trend extends beyond simple natural origin claims to focus deeply on the environmental impact of the agricultural practices used to cultivate corn and wheat feedstocks. According to ADM's annual regenerative agriculture report in September 2025, the company engaged more than 5 million acres in regenerative farming practices, achieving its 2025 sustainability goal a year early and securing a large-scale, eco-friendly supply chain for its ingredient portfolio.

At the same time, the industry is seeing a strong trend toward formulating synergistic blends of polyols and high-intensity sweeteners to resolve the functional limitations of single ingredients. To replicate the exact temporal profile and mouthfeel of sucrose, suppliers are shifting away from selling isolated polyols and are instead engineering sophisticated systems that combine the bulking properties of sugar alcohols with the potency of stevia or monk fruit. This solutions-oriented approach enables manufacturers to mask off-notes and cooling effects, thereby driving higher adoption rates in reformulation projects. This demand for complex systems is evident in financial

performance; according to Ingredion Incorporated's 'Fourth Quarter and Full-Year 2024 Results' from February 2025, the company's Texture & Healthful Solutions segment delivered double-digit sales volume growth in the fourth quarter of 2024, highlighting the rapid industrial uptake of these advanced sweetener formulations.

Key Market Players

Archer Daniels Midland Company

Cargill, Inc.

Ingredion Incorporated

Roquette Freres S.A.

International Flavors & Fragrances Inc.

Tereos S.A.

Jungbunzlauer Suisse AG

B Food Science Co., Ltd.

BENEO GmbH

DuPont de Nemours, Inc.

Report Scope

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

Polyol Sweeteners Market, By Type

Sorbitol

Erythritol

+357 96 030922
info@marketpublishers.com

- Maltitol
- Mannitol
- lactitol
- Isomalt
- Xylitol
- Hydrogenated Starch Hydrolysate and Others

Polyol Sweeteners Market, By Form

- Powder/Crystal and Liquid/Syrup

Polyol Sweeteners Market, By Application

- Beverages
- Bakery & Confectionery
- Dairy
- Oral Care
- Pharmaceuticals and Others

Polyol Sweeteners Market, By Function

- Bulking Agents
- Flavouring or Sweetening Agents
- Excipients
- Humectants and Others

+357 96 030922
info@marketpublishers.com

Polyol Sweeteners Market, By Region

- North America
  - United States
  - Canada
  - Mexico
- Europe
  - France
  - United Kingdom
  - Italy
  - Germany
  - Spain
- Asia Pacific
  - China
  - India
  - Japan
  - Australia
  - South Korea
- South America
  - Brazil
  - Argentina

+357 96 030922
info@marketpublishers.com

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Polyol Sweeteners Market.

Available Customizations:

Global Polyol Sweeteners 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).

+357 96 030922
info@marketpublishers.com

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, Trends

4. VOICE OF CUSTOMER

5. GLOBAL POLYOL SWEETENERS MARKET OUTLOOK

5.1. Market Size & Forecast
  5.1.1. By Value
5.2. Market Share & Forecast
  5.2.1. By Type (Sorbitol, Erythritol, Maltitol, Mannitol, lactitol, Isomalt, Xylitol, Hydrogenated Starch Hydrolysate and Others)
  5.2.2. By Form (Powder/Crystal and Liquid/Syrup)
  5.2.3. By Application (Beverages, Bakery & Confectionery, Dairy, Oral Care,

Pharmaceuticals and Others)
5.2.4. By Function (Bulking Agents, Flavouring or Sweetening Agents, Excipients, Humectants and Others)
5.2.5. By Region
5.2.6. By Company (2025)
5.3. Market Map

6. NORTH AMERICA POLYOL SWEETENERS MARKET OUTLOOK

6.1. Market Size & Forecast
6.1.1. By Value
6.2. Market Share & Forecast
6.2.1. By Type
6.2.2. By Form
6.2.3. By Application
6.2.4. By Function
6.2.5. By Country
6.3. North America: Country Analysis
6.3.1. United States Polyol Sweeteners Market Outlook
6.3.1.1. Market Size & Forecast
6.3.1.1.1. By Value
6.3.1.2. Market Share & Forecast
6.3.1.2.1. By Type
6.3.1.2.2. By Form
6.3.1.2.3. By Application
6.3.1.2.4. By Function
6.3.2. Canada Polyol Sweeteners Market Outlook
6.3.2.1. Market Size & Forecast
6.3.2.1.1. By Value
6.3.2.2. Market Share & Forecast
6.3.2.2.1. By Type
6.3.2.2.2. By Form
6.3.2.2.3. By Application
6.3.2.2.4. By Function
6.3.3. Mexico Polyol Sweeteners Market Outlook
6.3.3.1. Market Size & Forecast
6.3.3.1.1. By Value
6.3.3.2. Market Share & Forecast
6.3.3.2.1. By Type

6.3.3.2.2. By Form
6.3.3.2.3. By Application
6.3.3.2.4. By Function

7. EUROPE POLYOL SWEETENERS MARKET OUTLOOK

7.1. Market Size & Forecast
7.1.1. By Value
7.2. Market Share & Forecast
7.2.1. By Type
7.2.2. By Form
7.2.3. By Application
7.2.4. By Function
7.2.5. By Country
7.3. Europe: Country Analysis
7.3.1. Germany Polyol Sweeteners Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Type
7.3.1.2.2. By Form
7.3.1.2.3. By Application
7.3.1.2.4. By Function
7.3.2. France Polyol Sweeteners Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Type
7.3.2.2.2. By Form
7.3.2.2.3. By Application
7.3.2.2.4. By Function
7.3.3. United Kingdom Polyol Sweeteners Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Type
7.3.3.2.2. By Form
7.3.3.2.3. By Application
7.3.3.2.4. By Function

7.3.4. Italy Polyol Sweeteners Market Outlook
7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Type
7.3.4.2.2. By Form
7.3.4.2.3. By Application
7.3.4.2.4. By Function
7.3.5. Spain Polyol Sweeteners Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value
7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Type
7.3.5.2.2. By Form
7.3.5.2.3. By Application
7.3.5.2.4. By Function

8. ASIA PACIFIC POLYOL SWEETENERS MARKET OUTLOOK

8.1. Market Size & Forecast
8.1.1. By Value
8.2. Market Share & Forecast
8.2.1. By Type
8.2.2. By Form
8.2.3. By Application
8.2.4. By Function
8.2.5. By Country
8.3. Asia Pacific: Country Analysis
8.3.1. China Polyol Sweeteners Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Type
8.3.1.2.2. By Form
8.3.1.2.3. By Application
8.3.1.2.4. By Function
8.3.2. India Polyol Sweeteners Market Outlook
8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Type
8.3.2.2.2. By Form
8.3.2.2.3. By Application
8.3.2.2.4. By Function
8.3.3. Japan Polyol Sweeteners Market Outlook
8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Type
8.3.3.2.2. By Form
8.3.3.2.3. By Application
8.3.3.2.4. By Function
8.3.4. South Korea Polyol Sweeteners Market Outlook
8.3.4.1. Market Size & Forecast
8.3.4.1.1. By Value
8.3.4.2. Market Share & Forecast
8.3.4.2.1. By Type
8.3.4.2.2. By Form
8.3.4.2.3. By Application
8.3.4.2.4. By Function
8.3.5. Australia Polyol Sweeteners Market Outlook
8.3.5.1. Market Size & Forecast
8.3.5.1.1. By Value
8.3.5.2. Market Share & Forecast
8.3.5.2.1. By Type
8.3.5.2.2. By Form
8.3.5.2.3. By Application
8.3.5.2.4. By Function

9. MIDDLE EAST & AFRICA POLYOL SWEETENERS MARKET OUTLOOK

9.1. Market Size & Forecast
9.1.1. By Value
9.2. Market Share & Forecast
9.2.1. By Type
9.2.2. By Form
9.2.3. By Application
9.2.4. By Function

+357 96 030922
info@marketpublishers.com

9.2.5. By Country
9.3. Middle East & Africa: Country Analysis
9.3.1. Saudi Arabia Polyol Sweeteners Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Type
9.3.1.2.2. By Form
9.3.1.2.3. By Application
9.3.1.2.4. By Function
9.3.2. UAE Polyol Sweeteners Market Outlook
9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value
9.3.2.2. Market Share & Forecast
9.3.2.2.1. By Type
9.3.2.2.2. By Form
9.3.2.2.3. By Application
9.3.2.2.4. By Function
9.3.3. South Africa Polyol Sweeteners Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Type
9.3.3.2.2. By Form
9.3.3.2.3. By Application
9.3.3.2.4. By Function

10. SOUTH AMERICA POLYOL SWEETENERS MARKET OUTLOOK

10.1. Market Size & Forecast
10.1.1. By Value
10.2. Market Share & Forecast
10.2.1. By Type
10.2.2. By Form
10.2.3. By Application
10.2.4. By Function
10.2.5. By Country
10.3. South America: Country Analysis
10.3.1. Brazil Polyol Sweeteners Market Outlook

10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Type
10.3.1.2.2. By Form
10.3.1.2.3. By Application
10.3.1.2.4. By Function
10.3.2. Colombia Polyol Sweeteners Market Outlook
10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Type
10.3.2.2.2. By Form
10.3.2.2.3. By Application
10.3.2.2.4. By Function
10.3.3. Argentina Polyol Sweeteners Market Outlook
10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Type
10.3.3.2.2. By Form
10.3.3.2.3. By Application
10.3.3.2.4. By Function

11. MARKET DYNAMICS

11.1. Drivers
11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Merger & Acquisition (If Any)
12.2. Product Launches (If Any)
12.3. Recent Developments

13. GLOBAL POLYOL SWEETENERS MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

+357 96 030922
info@marketpublishers.com

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. Archer Daniels Midland Company
  15.1.1. Business Overview
  15.1.2. Products & Services
  15.1.3. Recent Developments
  15.1.4. Key Personnel
  15.1.5. SWOT Analysis
15.2. Cargill, Inc.
15.3. Ingredion Incorporated
15.4. Roquette Freres S.A.
15.5. International Flavors & Fragrances Inc.
15.6. Tereos S.A.
15.7. Jungbunzlauer Suisse AG
15.8. B Food Science Co., Ltd.
15.9. BENEO GmbH
15.10. DuPont de Nemours, Inc.

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Polyol Sweeteners Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Sorbitol, Erythritol, Maltitol, Mannitol, lactitol, Isomalt, Xylitol, Hydrogenated Starch Hydrolysate and Others), By Form (Powder/Crystal and Liquid/Syrup), By Application (Beverages, Bakery & Confectionery, Dairy, Oral Care, Pharmaceuticals and Others), By Function (Bulking Agents, Flavouring or Sweetening Agents, Excipients, Humectants and Others), By Region & Competition, 2021-2031F

Product link: https://marketpublishers.com/r/PBF84D1E8B50EN.html

Price: US$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/PBF84D1E8B50EN.html