

Polyglycerol Market Report by Product (PG-2, PG-3, PG-4, PG-6, PG-10), Application (Food and Beverage, Pharmaceuticals, Personal Care, and Others), and Region 2025-2033

Market Report | 2025-09-01 | 147 pages | IMARC Group

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Report description:

The global polyglycerol market size reached USD 2.9 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 5.4 Billion by 2033, exhibiting a growth rate (CAGR) of 7.1% during 2025-2033.

Polyglycerol is a clear, viscous, and nonvolatile liquid manufactured via alkali-catalyzed dehydration of glycerol with epoxy intermediates. Its fatty acid esters, which are innocuous, biodegradable, and nonionic surfactants, are employed in the food and beverage (F&B) industry as antistatic and antifogging agents for food packaging. They are also used as a mold inhibitor and an emulsifying agent in the production of baked goods, chewing gum, and low-fat spreads. Besides this, on account of its amphiphilic properties, polyglycerol is utilized in the pharmaceutical and cosmetics industries worldwide.

Polyglycerol Market Trends:

The increasing consumption of processed food products due to hectic lifestyles and inflating disposable incomes represents one of the major factors contributing to market growth. Moreover, the rising preference for organic products is positively influencing the application of polyglycerol in the personal care industry, wherein it is used as a moisture-retaining agent and thickener. Additionally, the growing influence of social media and increasing focus on health and hygiene are driving the sales of personal care products around the world. Apart from this, the derivatives of polyglycerol are widely being used in the pharmaceutical industry as drug carriers and in the biomedical sector for regenerative medicines. On account of the rising prevalence of medical ailments and the increasing development of healthcare infrastructure, the thriving pharmaceutical industry is also bolstering the market growth. Furthermore, several market players are investing in research and development (R&D) activities to launch new products. This is anticipated to increase the use of polyglycerol in the manufacturing of water-soluble polymer plasticizers and lubricating food equipment and agrochemicals.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global polyglycerol market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on product and application.

Breakup by Product:

- PG-2
- PG-3
- PG-4
- PG-6
- PG-10

Breakup by Application:

- Food and Beverage
- Pharmaceuticals
- Personal Care
- Others

Breakup by Region:

- North America
 - o□United States
 - o□Canada
- Asia-Pacific
 - o□China
 - o□Japan
 - o□India
 - o□South Korea
 - o□Australia
 - o□Indonesia
 - o□Others
- Europe
 - o□Germany
 - o□France
 - o□United Kingdom
 - o□Italy
 - o□Spain
 - o□Russia
 - o□Others
- Latin America
 - o□Brazil
 - o□Mexico
 - o□Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cargill Incorporated, Croda International Plc, DuPont de Nemours Inc, Lonza Group AG, Palsgaard A/S, Riken Vitamin Co. Ltd., Sakamoto

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Yakuhin kogyo Co. Ltd., Savannah Surfactants, Spiga Nord S.p.A., Stepan Company, The Good Scents Company and The Procter & Gamble Company.

Key Questions Answered in This Report

- 1.How big is the global polyglycerol market?
- 2.What is the expected growth rate of the global polyglycerol market during 2025-2033?
- 3.What are the key factors driving the global polyglycerol market?
- 4.What has been the impact of COVID-19 on the global polyglycerol market?
- 5.What is the breakup of the global polyglycerol market based on the product?
- 6.What is the breakup of the global polyglycerol market based on the application?
- 7.What are the key regions in the global polyglycerol market?
- 8.Who are the key players/companies in the global polyglycerol market?

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