

## **Polyglycerol Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 159 pages | EMR Inc.

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### **Report description:**

The global polyglycerol market attained a value of about USD 3.25 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 9.00% to reach nearly USD 7.69 Billion by 2034.

Extensive Use of Polyglycerol in the Cosmetics and Personal Care Industry is Aiding the Market Growth

The growth of the global market for polyglycerol can be attributed to the extensive use of polyglycerol in the cosmetics and personal care industry. It is deployed to slow the process of separation of immiscible phases to aid engineers to form the desired product, hence surging its demand. As various innovative skincare products, such as micellar water, are increasingly becoming popular, polyglycerol is extensively used to thicken the formula as well as emulsifying the solvents. This, in turn, is increasing the demand for polyglycerol, thus fuelling the industry growth. In addition, the advent of clean label personal care products and the rising awareness regarding the harmful effects of chemicals are leading to a surge in the demand for natural and biodegradable polyglycerol, which is significantly contributing to the industry growth. The development of various technologies to aid in balancing various types of emulsifiers rapidly and effectively is propelling the market growth. Furthermore, the growing demand for saturated polymeric emulsifiers is escalating the demand for polyglycerol-2-dipolyhydroxy stearate, which is providing further impetus to the growth of the polyglycerol industry.

Polyglycerol: Market Segmentation

Polyglycerol is an emulsifier that is made from mixed partial esters that are formed by the reaction of polymerised glycerol with edible oils and fatty acids. It is typically hydrophilic and lipophilic while being soluble in oils and organic solvents. Polyglycerol is used as an emulsifier in various industries, such as food and beverage, pharmaceuticals, and food and beverages, among others.

The major products in the market are:

- Polyglycerol-2 (PG-2)

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- Polyglycerol-3 (PG-3)
- Polyglycerol-4 (PG-4)
- Polyglycerol-6 (PG-6)
- Polyglycerol-10 (PG-10)

The market can be broadly categorised on the basis of its applications segments into:

- Food and Beverage
- Pharmaceuticals
- Personal Care
- Others

The EMR report looks into the regional markets of polyglycerol like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Rising Use of Polyglycerol in the Baking Industry to Bolster the Market Growth

As polyglycerol is used to stabilise foams and enhance aeration to boost the sponginess of batters and cakes, it is being increasingly deployed in the baking industry. It also eases the production of baked goods while improving its shelf life, which is further augmenting the market growth. Moreover, the growing deployment of polyglycerol as a preservative, colourant, and emulsifier in various food and beverage products is also propelling the market growth. Polyglycerol is also used in the manufacturing of baked products and chewing gums as a substitute for fat, which is further adding to the industry growth. In addition, the rising demand for products, such as ice cream, biscuits, meat products, and chocolates, is increasing the use of polyglycerol as an emulsifier, hence surging its demand. This trend is expected to continue in the forecast period as the popularity of convenience and packaged food is increasing, which is projected to augment the industry growth in the forecast period.

#### Key Industry Players in the Global Polyglycerol Market

The report presents a detailed analysis of the following key players in the global polyglycerol market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- BASF SE
- Sakamoto Yakuhin Kogyo Co., Ltd.
- Oleon NV.
- Spiga Nord S.p.A.
- Lonza Group Ltd.
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

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