

Global Bio-Based Propylene Glycol (PG) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Bio-Based Propylene Glycol (PG) market size was valued at USD 3942.9 million in 2023 and is forecast to a readjusted size of USD 4788.2 million by 2030 with a CAGR of 2.8% during review period.

Propylene glycol (PG) is a clear, colorless liquid with the consistency of syrup. It is practically odorless and tasteless. It is hygroscopic (attracts water), has low toxicity and outstanding stability, as well as high flash and boiling points, low vapor pressure and broad solvency. In addition, propylene glycol is an excellent solvent for many organic compounds and is completely water-soluble.

Propylene glycol is used by the chemical, food, and pharmaceutical industries as antifreeze when leakage might lead to contact with food. The Food and Drug Administration (FDA) has classified propylene glycol as an additive that is “generally recognized as safe” for use in food. It is used to absorb extra water and maintain moisture in certain medicines, cosmetics, or food products. It is a solvent for food colors and flavors, and in the paint and plastics industries. Propylene glycol is also used to create artificial smoke or fog used in fire-fighting training and in theatrical productions.

The major players in global Propylene Glycol (PG) market include Dow, Lyondell Basell Industries, etc. The top 2 players occupy about 40% shares of the global market. North America and Europe are main markets, they occupy about 67% of the global market. I

The Global Info Research report includes an overview of the development of the Bio-Based Propylene Glycol (PG) industry chain, the market status of Plastic (Bio-based

1,2- Propylene Glycol, Bio-based 1,3- Propylene Glycol), Food (Bio-based 1,2- Propylene Glycol, Bio-based 1,3- Propylene Glycol), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Bio-Based Propylene Glycol (PG).

Regionally, the report analyzes the Bio-Based Propylene Glycol (PG) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Bio-Based Propylene Glycol (PG) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Bio-Based Propylene Glycol (PG) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Bio-Based Propylene Glycol (PG) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Bio-based 1,2- Propylene Glycol, Bio-based 1,3- Propylene Glycol).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Bio-Based Propylene Glycol (PG) market.

Regional Analysis: The report involves examining the Bio-Based Propylene Glycol (PG) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Bio-Based Propylene Glycol (PG) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Bio-Based Propylene Glycol (PG):

Company Analysis: Report covers individual Bio-Based Propylene Glycol (PG) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Bio-Based Propylene Glycol (PG). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Plastic, Food).

Technology Analysis: Report covers specific technologies relevant to Bio-Based Propylene Glycol (PG). It assesses the current state, advancements, and potential future developments in Bio-Based Propylene Glycol (PG) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Bio-Based Propylene Glycol (PG) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Bio-Based Propylene Glycol (PG) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Bio-based 1,2- Propylene Glycol

Bio-based 1,3- Propylene Glycol

Market segment by Application

Plastic

Food

Electronic

Pharmaceutical

Others

Major players covered

Oelon (with BASF)

SK Chemicals

Tate & Lyle (Dupont)

ADM

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bio-Based Propylene Glycol (PG) product scope, market

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overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bio-Based Propylene Glycol (PG), with price, sales, revenue and global market share of Bio-Based Propylene Glycol (PG) from 2019 to 2024.

Chapter 3, the Bio-Based Propylene Glycol (PG) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bio-Based Propylene Glycol (PG) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Bio-Based Propylene Glycol (PG) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bio-Based Propylene Glycol (PG).

Chapter 14 and 15, to describe Bio-Based Propylene Glycol (PG) sales channel, distributors, customers, research findings and conclusion.

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