

# Global 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 Propylene Glycol (PG) market size was valued at USD 3942.9 million in 2023 and is forecast to a readjusted size of USD 4356.6 million by 2030 with a CAGR of 1.4% 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 60% of the global market. Industrial Grade is the main type, with a share about 40%. UPR is the main application, which holds a share about 40%.

The Global Info Research report includes an overview of the development of the

Propylene Glycol (PG) industry chain, the market status of UPR (Industrial Grade, Food Grade), PPG (Industrial Grade, Food Grade), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Propylene Glycol (PG).

Regionally, the report analyzes the 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 Propylene Glycol (PG) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the 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 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., Industrial Grade, Food Grade).

**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 Propylene Glycol (PG) market.

**Regional Analysis:** The report involves examining the 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 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 Propylene Glycol (PG):

**Company Analysis:** Report covers individual 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 Propylene Glycol (PG). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (UPR, PPG).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the 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

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

Industrial Grade

Food Grade

Pharmaceutical Grade

### Market segment by Application

UPR

PPG

Pharmaceuticals and Food

Others

### Major players covered

Dow

DuPont

Huntsman

ADM

Polioles

Lyondell Basell Industries

Repsol

BASF

Oelon

Sumitomo Chemical

Asahi

ADEKA

SKC

Shell

Shandong Shida Shenghua Chemical

Tongling Jintai Chemical

CNOOC and Shell Petrochemicals

Hi-tech Spring Chemical

Daze Group

Shandong Depu Chemical

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 Propylene Glycol (PG) product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the 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 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 Propylene Glycol (PG).

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

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