

Global Triethylene Glycol Market Size Study, by Application (Natural Gas Dehydration, Solvents, Plasticizers, Polyurethanes, Humectants, Polyester Resins), by End User Industry (Automotive, Agrochemicals, Food and Beverage, Textile, Personal Care, Pharmaceuticals, Detergents, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G88797432FEEEN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G88797432FEEEN

Abstracts

The Global Triethylene Glycol Market, valued at approximately USD 0.84 billion in 2023, is poised to grow at a CAGR of 4.70% over the forecast period 2024-2032. Triethylene glycol (TEG), a vital industrial compound, is extensively used as a dehydrating agent in natural gas processing, a solvent in multiple industries, and an essential component in producing plasticizers and polyurethanes. The expanding global demand for natural gas, along with the increasing use of triethylene glycol in food preservation and cosmetics, significantly contributes to market growth. Additionally, its application as a key ingredient in dehumidifiers, lubricants, and heat transfer fluids further strengthens its industrial relevance.

The growth of the triethylene glycol market is driven by rapid industrialization and the rising need for moisture control in petrochemical and food processing industries. The natural gas sector, which requires TEG for effective dehydration, is expected to remain a dominant contributor to market demand, fueled by increasing global energy consumption. Moreover, stringent environmental regulations have led to the preference for bio-based alternatives, prompting manufacturers to innovate sustainable TEG production techniques. However, price volatility in raw materials and strict regulatory guidelines related to TEG handling and emissions may pose challenges to market expansion.

From a regional perspective, North America leads the global triethylene glycol market, owing to its well-established oil & gas industry and increasing investment in sustainable energy production. The United States accounts for a substantial share, driven by continuous advancements in petrochemical refining and stringent quality standards for moisture removal in gas processing. Meanwhile, Europe maintains steady growth, supported by its robust automotive sector and stringent regulatory frameworks that encourage eco-friendly chemical manufacturing. The Asia-Pacific region, on the other hand, is projected to witness the highest growth rate due to rapid industrialization in China, India, and Southeast Asia, coupled with increasing TEG applications in textile and personal care sectors.

The competitive landscape of the Global Triethylene Glycol Market is characterized by key players focusing on strategic partnerships, capacity expansions, and innovation in sustainable production technologies. Companies are also adopting digitalized manufacturing processes to enhance efficiency and reduce operational costs. With growing demand in the pharmaceutical, agrochemical, and consumer goods sectors, TEG manufacturers are diversifying their portfolios to cater to emerging markets. The transition toward green chemistry and bio-based glycols is expected to be a major trend, influencing the long-term market trajectory.

Major Market Players Included in This Report:

Dow Inc.

ExxonMobil Corporation

BASF SE

LyondellBasell Industries N.V.

Shell Chemicals

INEOS Group Holdings S.A.

SABIC

Huntsman Corporation

Eastman Chemical Company

Clariant AG

India Glycols Limited

Mitsubishi Chemical Corporation

Formosa Plastics Corporation

Sinopec Limited

Evonik Industries AG

The Detailed Segments and Sub-Segments of the Market are Explained Below:

By Application:

Natural Gas Dehydration

Solvents

Plasticizers

Polyurethanes

Humectants

Polyester Resins

By End User Industry:

Automotive

Agrochemicals

Food and Beverage

Textile

Personal Care

Pharmaceuticals

Detergents

Others

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe (ROE)

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America:

Brazil

Mexico

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa (RoMEA)

Years Considered for the Study:

Historical Year: 2022, 2023

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market estimates & forecasts for 10 years from 2022 to 2032.

Annualized revenue analysis at regional and country levels for each market segment.

In-depth geographical analysis with country-level insights into market performance.

Competitive landscape featuring major market players and key industry developments.

Strategic insights into business expansion, mergers, acquisitions, and innovations.

Structural market analysis outlining industry competitiveness.

Supply-demand analysis highlighting growth opportunities and challenges.

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