

Diethylene Glycol Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-08-12 | 152 pages | EMR Inc.

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Report description:

The diethylene glycol market reached 3.00 MMT in 2024 & expected to grow at 4.80% CAGR, to reach of 4.79 MMT by 2034.

Rising Government Investments to Bolster the Global Diethylene Glycol Market

The market in the Asia Pacific region is expected to witness a robust growth rate, owing to the rising investments by the governments within the region for infrastructural development and rapid industrialisation, particularly in developing countries, such as India and China. Diethylene glycol has various uses, like its use as a raw material in the manufacturing of polyester resins and plasticizers, as well as its use as a humectant, dehydrating agent in natural gas, plasticiser for paper, and as demulsifier and lubricant. Moreover, due to its superior properties as a softening agent, the chemical is extensively used in pigments and brake fluids paste. Further, expanding investments for new technologies, innovations, and patent registrations is expected to contribute significantly to the market growth in the forecast period. In addition to this, the market is expected to be stimulated in the forecast period by the growing demand for paint and coatings in the automotive sector as well as enhancing construction industry in emerging countries, such as Brazil, India, and China.

Diethylene Glycol: Market Segmentation

Diethylene glycol (DEG) is an organic chemical that is made by the partial hydrolysis of ethylene oxide. The chemical is a colourless, has low viscosity, and is a low volatile liquid, which is sweet in nature. The chemical dissolves completely in water, alcohol, acetone, and other organic solvents and is used as a solvent for textile dyes, resins, oils, paint pigments, and printing.

On the basis of application, the market is divided into:

- Antifreeze and Coolant

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- Solvents
- Humectants
- Polyester Resins and Plasticisers
- Emulsifiers and Lubricants
- Others

By end use, the market is segmented into:

- Agrochemical
- Automotive
- Cosmetic and Personal Care
- Paints and Coatings
- Oil and Gas
- Textiles
- Plastics Industry
- Others

The regional markets for the product include:

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

Extensive Use of the Product in End Use Industries to Aid the Diethylene Glycol Market Growth

The global diethylene glycol market is being driven by the growing demand for plasticisers in the plastics industry. Due to its hygroscopicity and low volatility, the product may witness an increase in demand for its gas drying applications. In addition, diethylene glycol is a vital chemical intermediate for products such as polyester resins and polyurethanes, which are further enhancing the market growth. The chemical is used extensively in the personal care and cosmetics industry in multiple products such as lotions, skin creams, deodorants, and toothpastes, among others. Thus, the rising demand for the product across its end-use industries is expected to propel the growth of the market in the coming years.

Key Industry Players in the Global Diethylene Glycol Market

The report gives a detailed analysis of the following key players in the global diethylene glycol market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- LyondellBasell Industries Holdings B.V.
- Dow Chemical Company
- Shell International B.V.
- Huntsman International LLC
- Nippon Shokubai Co., Ltd.
- Reliance Industries Limited
- SABIC

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- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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