

Methyl Diethanolamine Market Report and Forecast 2025-2034

Market Report | 2025-07-15 | 178 pages | EMR Inc.

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Report description:

The global methyl diethanolamine market is expected to grow at a CAGR of 4.60% between 2025 and 2034. The market is being driven by versatility of the compound, making it applicable across various end-use sectors.

Key Trends in the Market

Methyl diethanolamine, also referred as N-methyl diethanolamine, is a colourless organic compound categorised as a tertiary amine which is used as a sweating agent in chemicals, syngas production, and natural gas, among other components. This compound has an ammonia-like odour and is soluble in water and ethanol. The low chemical and thermal degradation properties makes methyl diethanolamine applicable across various industrial applications.

- Methyl diethanolamine is a highly versatile compound which is used across various end use sectors such as oil and gas, medical and pharmaceutical, and textile, among others. The increasing expansion of these sectors across the emerging economies is fuelling the growth of the methyl diethanolamine market.

- Additionally, methyl diethanolamine is used in the synthesis of analgesics and in the manufacturing of various pharmaceutical products. In this regard, the increasing healthcare expenditure and growing prevalence of chronic diseases are generating the demand for methyl diethanolamine.

- Methyl diethanolamine is also used in manufacturing paints and coatings. Hence, the increasing demand for paints and coatings in the construction sector, supported by urban development activities and increasing standards of living, is invigorating the methyl diethanolamine market growth.

- In the chemical sector, methyl diethanolamine plays a crucial role as it is used to produce agro-chemicals, polishes, lubricants, water-treatment chemicals, and pesticides, among others. As the demand for chemicals and chemical gents increase, the market for methyl diethanolamine is likely to expand further.

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Market Segmentation

The EMR's report titled "Methyl Diethanolamine Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Product

- MDEA 95%
- MDEA 97%
- MDEA 99%
- Others

Market Breakup by Application

- Gas Treatment
- Analgesics
- Epoxy Curing Agents
- Fabric Treatment
- Others

Market Breakup by End-Use

- Oil and Gas
- Textile
- Paint and Coating
- Medical and Pharmaceutical
- Others

Market Breakup by Region

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

Market Share by Application

The gas treatment segment, based on application, accounts for a healthy share of the methyl diethanolamine market which can be attributed to the increasing demand for methyl diethanolamine for the treatment of amine gas. The surging applications of amine gas across refineries, petrochemical facilities, natural gas processing facilities, and in various oil and gas operations, is fuelling the segment's growth. Meanwhile, methyl diethanolamine is used to separate H₂S and CO₂ from natural gas, which is further generating the demand for the compound. Over the forecast period, the anticipated increase in demand for natural gas across the commercial sectors, such as food, residential, and HVAC, among others, is likely to bolster the gas treatment applications of methyl diethanolamine.

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Market Share by End-Use

Based on end-use, oil and gas segment accounts for a significant share in the methyl diethanolamine market where the compound is used as a decarboniser and sweating agent in oil refineries. It is also used for removing acid from gas streams. The thriving oil and gas sector across the emerging economies is heightening the segment's growth.

Meanwhile, in textiles, methyl diethanolamine is used as a softening agent to provide fabrics with improved softness, better draping, easier fabric handling, and enhanced sewing capabilities. Softening agents are utilised in the textile sector on materials such as fibre, yarn, woven fabrics, and knitted fabrics during the process of dyeing. The growing fashion industry and rising demand for clothing materials with smooth drapes are expected to catalyse the demand for the methyl diethanolamine market in upcoming years.

Competitive Landscape

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. The report gives a detailed analysis of the following key players in the global methyl diethanolamine market, covering their competitive landscape and latest developments like mergers, acquisitions, investments and expansion plans.

Dow Chemical Company

Dow Chemical Company is a leading chemicals corporation which is known as one of the largest chemical producers across the world. The company supplies chemicals, plastics, synthetic fibres, and agricultural products, among others, with a goal to deliver solutions that are innovative as well as sustainable. Dow Chemical Company was established in 1897 and is currently headquartered in Michigan, United States.

BASF SE

BASF SE is one of the largest chemical producing companies in the world. The diverse product portfolio of this company includes agriculture products, automotive and transportation products, chemicals, plastics and rubber, pulp and paper, and electronics and electric products, among others. The company was founded in 1865 and is headquartered in Ludwigshafen, Germany.

Sintez OKA Group

Sintez OKA Group is a chemical manufacturing company which produces and markets chemical products such as ethanolamines, surfactants, oilfield chemicals, construction chemicals, polyurethanes, and alkylethanolamines, among others. The company caters to the diverse demands of the chemical sector. It was founded in 1938 and is currently headquartered in Nizhegorod, Russia.

Other market players include Advance Petrochemicals Limited, and Amines and Plasticizers Ltd., among others.

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