

## **Methyl Mercaptan Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)**

Market Report | 2025-08-12 | 171 pages | EMR Inc.

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### **Report description:**

The methyl mercaptan market size reached around USD 1.76 Billion in 2024. The market is projected to grow at a CAGR of 5.50% between 2025 and 2034 to reach nearly USD 3.01 Billion by 2034.

Methyl mercaptan is widely used as a feedstock for the animals and poultry, as an intermediate in the production of pesticides, fungicides, jet fuel, and plastics, and in the synthesis of methionine. It is also utilised as a gas odorant for natural gas, butane, and propane. The growth of the application sectors is driving the demand for the product, thus, aiding the market expansion.

North America Leading the Methyl Mercaptan Market

The market is dominated by the North America region. The market is expanding in the region due to the growing product demand from the various end-use sectors. The other significant markets for the product include the Asia Pacific and the Middle East and Africa. The rapidly emerging economies within these regions are expected to provide enhanced growth opportunities to the manufacturers. The presence of several oil and gas production facilities in the Middle East countries are also expected to aid the industry in the coming years.

Methyl Mercaptan: Market Segmentation

Methyl mercaptan, also known as methanethiol, is an organosulphur compound with the odour of rotten cabbage. It is a colourless gas with the chemical formula  $\text{CH}_3\text{SH}$ . It is produced from methanol and hydrogen sulphide. It occurs naturally in the blood and brain of humans and animals, in plant tissues, in a wide variety of vegetables including onions and garlic, and in coal tar and petroleum distillates. Owing to its distinct putrid smell, it is used as a gas odorant for natural gas, butane, and propane to aid in leak detection.

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The various sources of methyl mercaptan can be segmented into:

- Natural
- Synthetic

Based on synthesis type, the industry is divided into:

- Hydrogen Sulphide-Methanol Vapour Phase
- Sodium Sulphide-Dimethyl Sulphate
- Thiourea-Dimethyl Sulphate
- Others

On the basis of functionality, the industry is categorised into:

- Fungicides and Pesticides
- Intermediates
- Fuel Additives
- Catalysts
- Others

The major applications of the product include:

- Chemical
- Food
- Feed
- Mining Industry
- Others

The regional markets for the product include:

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

**Poultry and Animal Feed Applications are Driving the Methyl Mercaptan Market**

The market is being driven by the growing demand for methyl mercaptan from the major application sectors, particularly poultry and animal feed . With the growing demand for poultry feed in the emerging regions like the Asia Pacific, major players are extending their manufacturing capacities to such regions. Other factors like rising population, technological advancements, thriving agro-industry, increasing demand for petrochemicals, and growing polymer industry are also propelling the industry growth.

Owing to the growing demand for chemicals in various end use sectors and rapid urbanisation, particularly in the emerging nations, the product is expected to witness an enhanced demand. This is expected to have a positive effect on the expansion of the global methyl mercaptan industry over the forecast period.

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## Key Industry Players in the Global Methyl Mercaptan Market

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

- Arkema S.A.
- Chevron Phillips Chemical Company
- 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.

### **Table of Contents:**

- 1 Executive Summary
  - 1.1 Market Size 2024-2025
  - 1.2 Market Growth 2025(F)-2034(F)
  - 1.3 Key Demand Drivers
  - 1.4 Key Players and Competitive Structure
  - 1.5 Industry Best Practices
  - 1.6 Recent Trends and Developments
  - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
  - 2.1 Market Trends
  - 2.2 Key Verticals
  - 2.3 Key Regions
  - 2.4 Supplier Power
  - 2.5 Buyer Power
  - 2.6 Key Market Opportunities and Risks
  - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
  - 3.1 GDP Outlook
  - 3.2 GDP Per Capita Growth
  - 3.3 Inflation Trends
  - 3.4 Democracy Index
  - 3.5 Gross Public Debt Ratios
  - 3.6 Balance of Payment (BoP) Position
  - 3.7 Population Outlook
  - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
  - 4.1 Country Risk
  - 4.2 Business Climate
- 5 Global Methyl Mercaptan Market Analysis
  - 5.1 Key Industry Highlights

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- 5.2 Global Methyl Mercaptan Historical Market (2018-2024)
- 5.3 Global Methyl Mercaptan Market Forecast (2025-2034)
- 5.4 Global Methyl Mercaptan Market by Source
  - 5.4.1 Natural
    - 5.4.1.1 Historical Trend (2018-2024)
    - 5.4.1.2 Forecast Trend (2025-2034)
  - 5.4.2 Synthetic
    - 5.4.2.1 Historical Trend (2018-2024)
    - 5.4.2.2 Forecast Trend (2025-2034)
- 5.5 Global Methyl Mercaptan Market by Synthesis Type
  - 5.5.1 Hydrogen Sulphide-Methanol Vapour Phase
    - 5.5.1.1 Historical Trend (2018-2024)
    - 5.5.1.2 Forecast Trend (2025-2034)
  - 5.5.2 Sodium Sulphide-Dimethyl Sulphate
    - 5.5.2.1 Historical Trend (2018-2024)
    - 5.5.2.2 Forecast Trend (2025-2034)
  - 5.5.3 Thiourea-Dimethyl Sulphate
    - 5.5.3.1 Historical Trend (2018-2024)
    - 5.5.3.2 Forecast Trend (2025-2034)
  - 5.5.4 Others
- 5.6 Global Methyl Mercaptan Market by Functionality
  - 5.6.1 Fungicides and Pesticides
    - 5.6.1.1 Historical Trend (2018-2024)
    - 5.6.1.2 Forecast Trend (2025-2034)
  - 5.6.2 Intermediates
    - 5.6.2.1 Historical Trend (2018-2024)
    - 5.6.2.2 Forecast Trend (2025-2034)
  - 5.6.3 Fuel Additives
    - 5.6.3.1 Historical Trend (2018-2024)
    - 5.6.3.2 Forecast Trend (2025-2034)
  - 5.6.4 Catalysts
    - 5.6.4.1 Historical Trend (2018-2024)
    - 5.6.4.2 Forecast Trend (2025-2034)
  - 5.6.5 Others
- 5.7 Global Methyl Mercaptan Market by Application
  - 5.7.1 Chemical
    - 5.7.1.1 Historical Trend (2018-2024)
    - 5.7.1.2 Forecast Trend (2025-2034)
  - 5.7.2 Food
    - 5.7.2.1 Historical Trend (2018-2024)
    - 5.7.2.2 Forecast Trend (2025-2034)
  - 5.7.3 Feed
    - 5.7.3.1 Historical Trend (2018-2024)
    - 5.7.3.2 Forecast Trend (2025-2034)
  - 5.7.4 Mining Industry
    - 5.7.4.1 Historical Trend (2018-2024)
    - 5.7.4.2 Forecast Trend (2025-2034)

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- 5.7.5 Others
- 5.8 Global Methyl Mercaptan Market by Region
  - 5.8.1 North America
    - 5.8.1.1 Historical Trend (2018-2024)
    - 5.8.1.2 Forecast Trend (2025-2034)
  - 5.8.2 Europe
    - 5.8.2.1 Historical Trend (2018-2024)
    - 5.8.2.2 Forecast Trend (2025-2034)
  - 5.8.3 Asia Pacific
    - 5.8.3.1 Historical Trend (2018-2024)
    - 5.8.3.2 Forecast Trend (2025-2034)
  - 5.8.4 Latin America
    - 5.8.4.1 Historical Trend (2018-2024)
    - 5.8.4.2 Forecast Trend (2025-2034)
  - 5.8.5 Middle East and Africa
    - 5.8.5.1 Historical Trend (2018-2024)
    - 5.8.5.2 Forecast Trend (2025-2034)
- 6 North America Methyl Mercaptan Market Analysis
  - 6.1 United States of America
    - 6.1.1 Historical Trend (2018-2024)
    - 6.1.2 Forecast Trend (2025-2034)
  - 6.2 Canada
    - 6.2.1 Historical Trend (2018-2024)
    - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Methyl Mercaptan Market Analysis
  - 7.1 United Kingdom
    - 7.1.1 Historical Trend (2018-2024)
    - 7.1.2 Forecast Trend (2025-2034)
  - 7.2 Germany
    - 7.2.1 Historical Trend (2018-2024)
    - 7.2.2 Forecast Trend (2025-2034)
  - 7.3 France
    - 7.3.1 Historical Trend (2018-2024)
    - 7.3.2 Forecast Trend (2025-2034)
  - 7.4 Italy
    - 7.4.1 Historical Trend (2018-2024)
    - 7.4.2 Forecast Trend (2025-2034)
  - 7.5 Others
- 8 Asia Pacific Methyl Mercaptan Market Analysis
  - 8.1 China
    - 8.1.1 Historical Trend (2018-2024)
    - 8.1.2 Forecast Trend (2025-2034)
  - 8.2 Japan
    - 8.2.1 Historical Trend (2018-2024)
    - 8.2.2 Forecast Trend (2025-2034)
  - 8.3 India
    - 8.3.1 Historical Trend (2018-2024)

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- 8.3.2 Forecast Trend (2025-2034)
- 8.4 ASEAN
  - 8.4.1 Historical Trend (2018-2024)
  - 8.4.2 Forecast Trend (2025-2034)
- 8.5 Australia
  - 8.5.1 Historical Trend (2018-2024)
  - 8.5.2 Forecast Trend (2025-2034)
- 8.6 Others
- 9 Latin America Methyl Mercaptan Market Analysis
  - 9.1 Brazil
    - 9.1.1 Historical Trend (2018-2024)
    - 9.1.2 Forecast Trend (2025-2034)
  - 9.2 Argentina
    - 9.2.1 Historical Trend (2018-2024)
    - 9.2.2 Forecast Trend (2025-2034)
  - 9.3 Mexico
    - 9.3.1 Historical Trend (2018-2024)
    - 9.3.2 Forecast Trend (2025-2034)
  - 9.4 Others
- 10 Middle East and Africa Methyl Mercaptan Market Analysis
  - 10.1 Saudi Arabia
    - 10.1.1 Historical Trend (2018-2024)
    - 10.1.2 Forecast Trend (2025-2034)
  - 10.2 United Arab Emirates
    - 10.2.1 Historical Trend (2018-2024)
    - 10.2.2 Forecast Trend (2025-2034)
  - 10.3 Nigeria
    - 10.3.1 Historical Trend (2018-2024)
    - 10.3.2 Forecast Trend (2025-2034)
  - 10.4 South Africa
    - 10.4.1 Historical Trend (2018-2024)
    - 10.4.2 Forecast Trend (2025-2034)
  - 10.5 Others
- 11 Market Dynamics
  - 11.1 SWOT Analysis
    - 11.1.1 Strengths
    - 11.1.2 Weaknesses
    - 11.1.3 Opportunities
    - 11.1.4 Threats
  - 11.2 Porter's Five Forces Analysis
    - 11.2.1 Supplier's Power
    - 11.2.2 Buyer's Power
    - 11.2.3 Threat of New Entrants
    - 11.2.4 Degree of Rivalry
    - 11.2.5 Threat of Substitutes
  - 11.3 Key Indicators for Demand
  - 11.4 Key Indicators for Price

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- 12 Value Chain Analysis
- 13 Price Analysis
  - 13.1 North America Historical Price Trends (2018-2024) & Forecast (2025-2034)
  - 13.2 Europe Historical Price Trends (2018-2024) & Forecast (2025-2034)
  - 13.3 Asia Pacific Historical Price Trends (2018-2024) & Forecast (2025-2034)
  - 13.4 Latin America Historical Price Trends (2018-2024) & Forecast (2025-2034)
  - 13.5 Middle East & Africa Historical Price Trends (2018-2024) & Forecast (2025-2034)
- 14 Manufacturing Process
  - 14.1 Overview
  - 14.2 Detailed Process Flow
  - 14.3 Operation Involved
- 15 Competitive Landscape
  - 15.1 Supplier Selection
  - 15.2 Key Global Players
    - 15.3 Key Regional Players
    - 15.4 Key Player Strategies
    - 15.5 Company Profiles (\*This list is only indicative. The report contains a more comprehensive list of players.)
      - 15.5.1 Arkema S.A.
        - 15.5.1.1 Company Overview
        - 15.5.1.2 Product Portfolio
        - 15.5.1.3 Demographic Reach and Achievements
        - 15.5.1.4 Certifications
      - 15.5.2 Chevron Phillips Chemical Company
        - 15.5.2.1 Company Overview
        - 15.5.2.2 Product Portfolio
        - 15.5.2.3 Demographic Reach and Achievements
        - 15.5.2.4 Certifications
      - 15.5.3 Others

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