

**Thiochemicals Market Report by Product Type (Mercaptan, Dimethyl Sulfoxide (DMSO), Dimethyl Disulfide (DMDS), Thioglycolic Acid and Ester, Thiourea, and Others), Application (Animal Nutrition, Oil and Gas, Polymers and Chemicals, Food and Agrochemicals, Automotive and Transportation, Consumer Goods, Plastics, and Others), and Region 2025-2033**

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**Report description:**

The global thiochemicals market size reached USD 1,145.1 Million in 2024. Looking forward, IMARC Group expects the market to reach USD 1,703.5 Million by 2033, exhibiting a growth rate (CAGR) of 4.51% during 2025-2033. The growing role in wastewater treatment, increasing applications in the production of various drugs and active pharmaceutical ingredients (APIs), and rising use in personal care products, particularly in hair removal and hair treatment formulations, are some of the factors driving the market demand.

Thiochemicals refer to a set of chemicals, wherein the oxygen molecules present in the compound are replaced by sulfur ions through thitiation or thionation reaction. They consist of mercaptans or methanethiols, which are extensively used as an odorant for desulfurization and natural gas leakage detection purposes. Apart from this, thiochemical compounds are further employed to produce methyl mercaptans and utilized as an anti-cocking and polymerization agent in the polymer industry. On account of these properties, thiochemicals find extensive applications across several industrial verticals. At present, they are commercially available in varying types, such as dimethyl, sulfoxide, thioglycolic acid and ester.

**Thiochemicals Market Trends:**

The increasing need for animal feed to improve poultry health and fuel the production of various agricultural and animal-based products, including eggs, milk, veal, and chicken, are some of the key factors primarily driving the market growth. Thiochemicals

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are widely used for formulating methionine that is later incorporated in feeds as a dietary supplement. This is further supported by rising consumption of livestock meat across the globe due to growing health consciousness and awareness regarding their several nutritional properties. In line with this, rapid industrialization has prompted the extensive deployment of thiochemicals in the oil and gas industry for detecting gas leakage and desulfurization of gasoline and diesel, which, in turn, is acting as a major growth-inducing factor. Additionally, the increasing demand for thiochemicals can also be attributed to the rising environmental concerns, which have led governments of various nations to promote the uptake of natural gasses in ongoing petrochemical projects. Apart from this, strategic collaborations amongst key players and significant investments in research and development (R&D) activities to further intensify the effective usage of thiochemicals across sectors are creating a positive outlook for the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global thiochemicals market report, along with forecasts at the global, regional and country levels from 2025-2033. Our report has categorized the market based on product type and application.

#### Breakup by Product Type:

- Mercaptan
- Dimethyl Sulfoxide (DMSO)
- Dimethyl Disulfide (DMDS)
- Thioglycolic Acid and Ester
- Thiourea
- Others

#### Breakup by Application:

- Animal Nutrition
- Oil and Gas
- Polymers and Chemicals
- Food and Agrochemicals
- Automotive and Transportation
- Consumer Goods
- Plastics
- Others

#### Breakup by Region:

- North America
- United States
- Canada
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Australia
- Indonesia

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- Others
- Europe
- Germany
- France
- United Kingdom
- Italy
- Spain
- Russia
- Others
- Latin America
- Brazil
- Mexico
- Others
- Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arkema S.A., Bruno Bock GmbH (Bruno Bock Holding GmbH & Co. KG), Chevron Phillips Chemical Company LLC, Daicel Corporation, Dr. Spiess Chemische Fabrik GmbH (GECHEM GmbH & Co KG), Hebei Yanuo Bioscience Co. Ltd., Hohhot Guangxin Chemical Trade Co. Ltd., Langfang Shinya Chemical Co. Ltd., Merck KGaA, TCI Chemicals (India) Pvt. Ltd and Toray Fine Chemicals Co. Ltd. (Toray Industries Inc.).

#### Key Questions Answered in This Report

- 1.What was the size of the global thiochemicals market in 2024?
- 2.What is the expected growth rate of the global thiochemicals market during 2025-2033?
- 3.What are the key factors driving the global thiochemicals market?
- 4.What has been the impact of COVID-19 on the global thiochemicals market?
- 5.What is the breakup of the global thiochemicals market based on product type?
- 6.What is the breakup of the global thiochemicals market based on the application?
- 7.What are the key regions in the global thiochemicals market?
- 8.Who are the key players/companies in the global thiochemicals market?

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