

**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**

Market Report | 2025-04-01 | 150 pages | IMARC Group

**AVAILABLE LICENSES:**

- Electronic (PDF) Single User \$3999.00
- Five User Licence \$4999.00
- Enterprisewide License \$5999.00

**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, theochemical 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

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

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

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 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?

#### Table of Contents:

- 1 Preface
- 2 Scope and Methodology
  - 2.1 Objectives of the Study
  - 2.2 Stakeholders
  - 2.3 Data Sources
    - 2.3.1 Primary Sources
    - 2.3.2 Secondary Sources
  - 2.4 Market Estimation
    - 2.4.1 Bottom-Up Approach
    - 2.4.2 Top-Down Approach
  - 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.1 Overview
- 4.2 Key Industry Trends
- 5 Global Thiochemicals Market
  - 5.1 Market Overview
  - 5.2 Market Performance
  - 5.3 Impact of COVID-19
  - 5.4 Market Forecast
- 6 Market Breakup by Product Type
  - 6.1 Mercaptan
    - 6.1.1 Market Trends
    - 6.1.2 Market Forecast
  - 6.2 Dimethyl Sulfoxide (DMSO)
    - 6.2.1 Market Trends
    - 6.2.2 Market Forecast
  - 6.3 Dimethyl Disulfide (DMDS)
    - 6.3.1 Market Trends
    - 6.3.2 Market Forecast
  - 6.4 Thioglycolic Acid and Ester
    - 6.4.1 Market Trends
    - 6.4.2 Market Forecast
  - 6.5 Thiourea
    - 6.5.1 Market Trends
    - 6.5.2 Market Forecast
  - 6.6 Others
    - 6.6.1 Market Trends
    - 6.6.2 Market Forecast
- 7 Market Breakup by Application
  - 7.1 Animal Nutrition
    - 7.1.1 Market Trends
    - 7.1.2 Market Forecast
  - 7.2 Oil and Gas
    - 7.2.1 Market Trends
    - 7.2.2 Market Forecast
  - 7.3 Polymers and Chemicals
    - 7.3.1 Market Trends
    - 7.3.2 Market Forecast
  - 7.4 Food and Agrochemicals
    - 7.4.1 Market Trends
    - 7.4.2 Market Forecast
  - 7.5 Automotive and Transportation
    - 7.5.1 Market Trends
    - 7.5.2 Market Forecast
  - 7.6 Consumer Goods
    - 7.6.1 Market Trends
    - 7.6.2 Market Forecast
  - 7.7 Plastics
    - 7.7.1 Market Trends

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 7.7.2 Market Forecast
- 7.8 Others
  - 7.8.1 Market Trends
  - 7.8.2 Market Forecast
- 8 Market Breakup by Region
  - 8.1 North America
    - 8.1.1 United States
      - 8.1.1.1 Market Trends
      - 8.1.1.2 Market Forecast
    - 8.1.2 Canada
      - 8.1.2.1 Market Trends
      - 8.1.2.2 Market Forecast
  - 8.2 Asia-Pacific
    - 8.2.1 China
      - 8.2.1.1 Market Trends
      - 8.2.1.2 Market Forecast
    - 8.2.2 Japan
      - 8.2.2.1 Market Trends
      - 8.2.2.2 Market Forecast
    - 8.2.3 India
      - 8.2.3.1 Market Trends
      - 8.2.3.2 Market Forecast
    - 8.2.4 South Korea
      - 8.2.4.1 Market Trends
      - 8.2.4.2 Market Forecast
    - 8.2.5 Australia
      - 8.2.5.1 Market Trends
      - 8.2.5.2 Market Forecast
    - 8.2.6 Indonesia
      - 8.2.6.1 Market Trends
      - 8.2.6.2 Market Forecast
    - 8.2.7 Others
      - 8.2.7.1 Market Trends
      - 8.2.7.2 Market Forecast
  - 8.3 Europe
    - 8.3.1 Germany
      - 8.3.1.1 Market Trends
      - 8.3.1.2 Market Forecast
    - 8.3.2 France
      - 8.3.2.1 Market Trends
      - 8.3.2.2 Market Forecast
    - 8.3.3 United Kingdom
      - 8.3.3.1 Market Trends
      - 8.3.3.2 Market Forecast
    - 8.3.4 Italy
      - 8.3.4.1 Market Trends
      - 8.3.4.2 Market Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 8.3.5 Spain
  - 8.3.5.1 Market Trends
  - 8.3.5.2 Market Forecast
- 8.3.6 Russia
  - 8.3.6.1 Market Trends
  - 8.3.6.2 Market Forecast
- 8.3.7 Others
  - 8.3.7.1 Market Trends
  - 8.3.7.2 Market Forecast
- 8.4 Latin America
  - 8.4.1 Brazil
    - 8.4.1.1 Market Trends
    - 8.4.1.2 Market Forecast
  - 8.4.2 Mexico
    - 8.4.2.1 Market Trends
    - 8.4.2.2 Market Forecast
  - 8.4.3 Others
    - 8.4.3.1 Market Trends
    - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
  - 8.5.1 Market Trends
  - 8.5.2 Market Breakup by Country
  - 8.5.3 Market Forecast
- 9 SWOT Analysis
  - 9.1 Overview
  - 9.2 Strengths
  - 9.3 Weaknesses
  - 9.4 Opportunities
  - 9.5 Threats
- 10 Value Chain Analysis
- 11 Porters Five Forces Analysis
  - 11.1 Overview
  - 11.2 Bargaining Power of Buyers
  - 11.3 Bargaining Power of Suppliers
  - 11.4 Degree of Competition
  - 11.5 Threat of New Entrants
  - 11.6 Threat of Substitutes
- 12 Price Analysis
- 13 Competitive Landscape
  - 13.1 Market Structure
  - 13.2 Key Players
  - 13.3 Profiles of Key Players
    - 13.3.1 Arkema S.A.
      - 13.3.1.1 Company Overview
      - 13.3.1.2 Product Portfolio
      - 13.3.1.3 SWOT Analysis
    - 13.3.2 Bruno Bock GmbH (Bruno Bock Holding GmbH & Co. KG)

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.3.2.1 Company Overview
- 13.3.2.2 Product Portfolio
- 13.3.3 Chevron Phillips Chemical Company LLC
  - 13.3.3.1 Company Overview
  - 13.3.3.2 Product Portfolio
  - 13.3.3.3 SWOT Analysis
- 13.3.4 Daicel Corporation
  - 13.3.4.1 Company Overview
  - 13.3.4.2 Product Portfolio
  - 13.3.4.3 SWOT Analysis
- 13.3.5 Dr. Spiess Chemische Fabrik GmbH (GECHEM GmbH & Co KG)
  - 13.3.5.1 Company Overview
  - 13.3.5.2 Product Portfolio
- 13.3.6 Hebei Yanuo Bioscience Co. Ltd.
  - 13.3.6.1 Company Overview
  - 13.3.6.2 Product Portfolio
- 13.3.7 Hohhot Guangxin Chemical Trade Co. Ltd.
  - 13.3.7.1 Company Overview
  - 13.3.7.2 Product Portfolio
- 13.3.8 Langfang Shinya Chemical Co. Ltd.
  - 13.3.8.1 Company Overview
  - 13.3.8.2 Product Portfolio
- 13.3.9 Merck KGaA
  - 13.3.9.1 Company Overview
  - 13.3.9.2 Product Portfolio
  - 13.3.9.3 Financials
  - 13.3.9.4 SWOT Analysis
- 13.3.10 TCI Chemicals (India) Pvt. Ltd
  - 13.3.10.1 Company Overview
  - 13.3.10.2 Product Portfolio
- 13.3.11 Toray Fine Chemicals Co. Ltd. (Toray Industries Inc.)
  - 13.3.11.1 Company Overview
  - 13.3.11.2 Product Portfolio

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**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**

Market Report | 2025-04-01 | 150 pages | IMARC Group

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Electronic (PDF) Single User	\$3999.00
	Five User Licence	\$4999.00
	Enterprisewide License	\$5999.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-04"/>
		Signature	<input type="text"/>