

Thiochemicals Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global thiochemicals market size reached US\$ 1038.6 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,432.1 Million by 2028, exhibiting a growth rate (CAGR) of 5.3% during 2023-2028.

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 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 sub-segment of the global thiochemicals market report, along with forecasts at the global, regional and country level from 2023-2028. 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
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:

How has the global thiochemicals market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global thiochemicals market?
What are the key regional markets?
What is the breakup of the market based on the product type?
What is the breakup of the market based on the application?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global thiochemicals market and who are the key players?

What is the degree of competition in the industry?

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