

Sodium Methylate Market Research Report by Type (Solid, Liquid), by Application (Pharmaceuticals, Agrochemicals, Plastics & Polymers, Personal Care, Analytical Reagent, Biodiesel, Others), and by Region (North America, Europe, Asia-Pacific, Latin America, Middle East & Africa) Forecast till 2030

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Market Overview

The global sodium methylate market is projected to reach USD 2,230.80 million by 2030, growing at a CAGR of 8.83% from 2024 to 2030. Sodium methylate, also called sodium methoxide, is a strong base and nucleophile with the formula CH_3ONa . It is widely used as a catalyst in biodiesel production, pharmaceuticals, and organic synthesis.

One of the most important factors leading the global sodium methylate market is the growing demand for the use of the product as a catalyst in the production of biodiesel. Compared to traditional hydroxides, sodium methylate is a highly efficient catalyst that not only guarantees higher yields but also lower purification costs and higher product quality. The zero-water composition is designed to minimize side reactions. This product is perfect for big plants using oils, fats, and grease as feedstock.

Key Company Development

In January 2023, American Elements, a Los Angeles-based materials science company, announced an increase in capacity for its rare earth and less common metals organometallics facilities. The decision to expand the company's operations aims to satisfy the need for precursors in thin film deposition processes such as CVD and MOCVD, and also to produce catalysts in the hydrocarbon and petrochemical industries. Several metric tons of high-purity compounds can be produced at the new installation every month.

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Major Players

Key players in the global sodium methylate market are BASF SE, Evonik Industries, Desatec GMBH, Zibo Xusheng Chemical Co., Ltd., Supra Group of Companies, Lian Chemical Development Co, and Sica Atlantique.

Report Attribute Details

- Market Size 2023: USD 1,268.99 Million
- Market Size 2030: USD 2,230.80 Million
- CAGR (2024-2030): 8.83%
- Base Year: 2023
- Market Forecast Period: 2024-2030

Market Segmentations

- By Type: Solid - 77.4%, Liquid - 22.6%.
- By Application: Pharmaceuticals - 8.89%, Agrochemicals - 8.46%.

Regional Insights

The US sodium methylate market in North America is mainly driven by the development of the biodiesel sector. This is mainly supported by the extremely powerful regulatory framework, such as the US Renewable Fuel Standard (RFS). The US and Canada have a considerable number of biodiesel production units, mainly located in the Great Lakes area. In 2023, North America recorded a sodium methylate market value of USD 269 million in the U.S. and USD 32.55 million in Canada, reflecting steady demand from biodiesel and chemical industries.

The European sodium methylate market is heavily influenced by the continent's inclination towards green and environmental norms. The region's well-established pharmaceutical and industrial chemical sectors are the main contributors to the steady state of demand. Europe's market was led by Germany at USD 65.81 million, followed by France (USD 37.69 million) and the UK (USD 23.95 million), underpinned by strong renewable energy policies.

The Asia-Pacific region is becoming the fastest-growing market for sodium methylate, with the major contribution of extensive industrial activities and increasing biodiesel projects in China, India, Indonesia, and Japan. The goal of India to reach a 5% biodiesel blending rate by 2030 underlines the country's rising focus on energy from renewable sources. Asia-Pacific showed robust growth, with China at USD 271.10 million, Japan at USD 124.89 million, and India at USD 80.58 million, driven by expanding biodiesel and pharmaceutical applications.

The Middle East and Africa region shows increasing interest in biofuels, although biodiesel production remains comparatively lower than in other regions. Industrial chemical activities in Saudi Arabia and the UAE contribute indirectly to demand. Collaborative ventures such as Sasol and Topsoe's SAF project further reinforce the region's role in the sustainable energy transition.

South America stands out as one of the most dynamic markets for sodium methylate, anchored by Brazil's large biodiesel production capacity. Argentina also plays an important role, with producers lobbying for reforms to increase blending rates and ramp up exports. Local sodium methylate production helps the region reduce dependency on imports.

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