

Global Bio-Based Dimethyl Ether Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Bio-Based Dimethyl Ether market size is expected to reach \$ 603.7 million by 2029, rising at a market growth of 4.8% CAGR during the forecast period (2023-2029).

The production of bio-DME (dimethylether) is very similar to that of biomethanol. Bio-DME can be produced directly from synthesis gas, which is still under development. However, in the chemical industry, DME is produced from pure methanol by means of a process called catalytic dehydration, which chemically separates the water from the methanol. This methanol can be produced from coal, natural gas, or biomass. Often the production of methanol and DME is combined in one process. Research on the application of DME as an automotive fuel has only started recently. In the past, DME derived from fossil fuels, was mainly used as a substitute propellant for chlorofluorocarbons (CFCs) in spray cans. Bio-DME is a suitable diesel engine fuel due to its low-self-ignition temperature and high cetane number. However, DME cannot be blended with fossil diesel and its volumetric energy content is much lower, approximately half that of diesel. Retrofitting diesel engines for the use of DME is relatively simple.

This report studies the global Bio-Based Dimethyl Ether production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bio-Based Dimethyl Ether, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Bio-Based Dimethyl Ether that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bio-Based Dimethyl Ether total production and demand, 2018-2029, (Tons)

Global Bio-Based Dimethyl Ether total production value, 2018-2029, (USD Million)

Global Bio-Based Dimethyl Ether production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Bio-Based Dimethyl Ether consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Bio-Based Dimethyl Ether domestic production, consumption, key domestic manufacturers and share

Global Bio-Based Dimethyl Ether production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Bio-Based Dimethyl Ether production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Bio-Based Dimethyl Ether production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Bio-Based Dimethyl Ether market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Chemrec, ETIP Bioenergy, Enerkem and Cathay Biotech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Bio-Based Dimethyl Ether market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Bio-Based Dimethyl Ether Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Bio-Based Dimethyl Ether Market, Segmentation by Type

Wood

Agricultural Waste

Others

Global Bio-Based Dimethyl Ether Market, Segmentation by Application

Transport

Industrial

Others

Companies Profiled:

Chemrec

ETIP Bioenergy

Enerkem

Cathay Biotech

Key Questions Answered

1. How big is the global Bio-Based Dimethyl Ether market?
2. What is the demand of the global Bio-Based Dimethyl Ether market?
3. What is the year over year growth of the global Bio-Based Dimethyl Ether market?
4. What is the production and production value of the global Bio-Based Dimethyl Ether market?
5. Who are the key producers in the global Bio-Based Dimethyl Ether market?

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