Dimethyl Ether (DME) Market Research Report by Raw Materials (Natural Gas, Coal, Biomass, and Others), by Application (Transportation Fuel, Aerosol Propellant, LPG Blending, and Others), by Region till 2023

Dimethyl Ether (DME) is a clean energy source that can be fabricated from natural gas, coal and biomass. DME creates definitely no SOx or ash when burned. It is gaseous at normal temperature and pressure, but changes to a liquid when subjected to moderate pressure or cooling. This easy liquefaction makes DME easy to transport and store. Utilization of DME is progressing in the fields of power generation, automotive motors, and domestic household use among other conceivable applications owing to its magnificent physical, chemical, and storage properties.

The DME production as a fuel has targeted the use of DME as an LPG alternative, a transportation fuel for diesel engines, and fuel for gas turbines which is expected to drive the demand of Dimethyl Ether. Higher growth of end use industries such as oil & gas, which consume major share of overall Dimethyl Ether as a solvent, is expected to fuel the demand of Dimethyl Ether during the forecast period. Global paints & coatings market is estimated to grow at higher CAGR during the forecast period of 2017 to 2023. DME is used as an aerosol propellant which is used to help spray the vapor state paints or coatings from a pressurized container. This is anticipated to fuel the demand of Dimethyl Ether for manufacturing paints & coatings. The major factors favoring the growth of the Global Dimethyl Ether Market is growing demand of dimethyl ether in a wide range of application such as manufacturing paints and coatings, household fuel and transportation fuel among others. As the world is shifting towards clean and renewable energy, there are numerous investments on projects to utilize and cost optimize DME as an alternative fuel to LPG. DME is costlier than LPG, so it is blended with LPG as a fuel to save cost. DME possess no negative effect on environment.

Global Dimethyl Ether Market Share, by End Use Industries 2016 (%):

Regional Analysis:
The Global Dimethyl Ether Market is divided into five key regions including, Asia Pacific, Europe,
North America, the Middle East & Africa, and Latin America. Asia Pacific is the fastest growing market among them due to growing paints & coatings and household fuel in the region. India and China are the major markets in this region on account of the presence of major end use industries. Europe is holding a comparatively smaller share in the Global Dimethyl Ether Market. Countries namely, Germany, U.K, and Italy are the key contributors to the regional market in this region owing to the growing demand of Dimethyl Ether by end use industries such as automotive, wherein the product is majorly used in the form of paints and lacquer. Apart from this, there is a significant presence of key players which may help push growth of the regional market forward. North America is closely following Europe, in terms of market size, in the Global Dimethyl Ether Market. U.S. is the largest market in this region, which is attributed to the growing reconstruction activities along with the chemicals industry. The Middle East and Africa is anticipated to grow at significant CAGR during the forecast period on account of the vast investment potential and growth opportunities in end use industries such as transportation fuel and construction. Latin America would join hand with the leading regions in the Global Dimethyl Ether Market owing to the pacifying political and economic scenario in Brazil and Colombia.

**Segmentation:**

The Global Dimethyl Ether Market is segmented on the basis of raw materials, application and region. On the basis of raw materials the market is divided into natural gas, coal, biomass, and others. Based on application, global dimethyl ether market is segmented into transportation fuel, aerosol propellant, liquefied natural gas (LPG) blending, and others. Geographically, the market is divided into five key regions including Asia Pacific, Europe, North America, Middle East & Africa, and Latin America.

**Key Players:**

The prominent players in the Global Dimethyl Ether Market are Akzo Nobel N.V. (the Netherlands), China Energy Limited (China), The Chemours Company (U.S.), Mitsubishi Corporation (Japan), Royal Dutch Shell plc (the Netherlands), Ferrostaal GmbH (Germany), Grillo Werke AG (Germany), Jiutai Energy Group (China), Oberon Fuels (U.S.), and Zagros Petrochemical Company (Iran) among others.

**Intended Audience**

- Dimethyl Ether Manufacturers
- Traders and Distributors of Dimethyl Ether
- Research and Development Institutes
- Potential Investors
- Raw Material Suppliers
- Nationalized Laboratory
The global dimethyl ether (DME) market was valued at USD 6.4 billion in 2018 and is expected to grow at a CAGR of 11.0% during the forecast period 2019–2025.

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