

# Global Methyl Tertiary-Butyl Ether Market Outlook to 2027

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## Abstracts

Methyl Tertiary Butyl Ether (MTBE) is a volatile, flammable, and colorless liquid, and it is sparingly soluble in water. According to BlueQuark Research & Consulting, the global Methyl Tertiary Butyl Ether market is anticipated to face a significant growth rate during the forecast period. Factors such as the increasing demand in the petroleum and automotive industry drive the current MTBE market as it is used as a critical component in fuel for gasoline engines. Furthermore, it is used as a solvent and a safer alternative to diethyl ether for academic research. However, the availability of substitutes such as ethanol and EBTE can be a significant restraint to the Global Methyl Tertiary Butyl Ether market.

Methyl Tertiary Butyl Ether Market is used as a fuel component in fuel for gasoline engines, as an anti-knocking agent, and as a solvent for academic research. It is also used to manufacture highly pure isobutylene, highly reactive polyisobutylene, Methyl Methacrylate (MMA), and other derivatives. It serves various end-users like the Automotive, petroleum, and chemical industry.

Gasoline and gasoline fuel-based engines are the prime consumers of Methyl Tertiary Butyl Ether (MTBE) and drive the Global Methyl Tertiary Butyl Ether Market. MTBE belongs to a group of chemicals which are known as oxygenates as they raise the oxygen content of gasoline. The widespread availability of Methyl Tertiary Butyl Ether as a cheap feedstock, and with being an attractive substitute to aromatics in gasoline, further propels the growth of the MTBE market in the region. Methyl tertiary butyl ether (MTBE) is widely used as a gasoline additive, which is an anti-knocking factor and an octane booster in the fuel for the gasoline engine. The lower cost and usefulness of MTBE make it the second-largest gasoline additive type worldwide. Besides this, MTBE represents a common substitute for toxic fuel components, like olefins, lead, benzene,

and sulfur. The increasing population and swift urbanization have increased the sales of automotive vehicles globally, driving the Gasoline industry. Owing to the growing urbanization in emerging countries like China and India, the sales of commercial vehicles like trucks, tractors, and trailers are in a rush. Furthermore, the automotive industry is experiencing a boom, but the increasing sales of electric vehicles can restrain the gasoline market, consequently affecting the Methyl Tertiary Butyl Ether market. The use of Methyl Tertiary Butyl Ether as an oxygenate also reduces air pollution; thus, the demand is high for gasoline blending. The U.S. market of MTBE peaked in 1999 at around 260,000 barrels per day but then dropped down to 50,000 barrels per day and remained steady. Saudi Aramco, an oil giant, is now considered the world's largest manufacturer of Methyl Tertiary Butyl Ether with a production capacity of 2.37 million MT per annum. The global production capacity of Methyl Tertiary Butyl Ether in 2018 was 25 million MT. Environment-friendly and sustainable products have come in great demand due to specific regulations by governments across the globe. Thus, the need for additives in gasoline and diesel has been growing, resulting in the growth of the Methyl Tertiary Butyl Ether Market. Methyl Tertiary Butyl Ether is also used for academic research purposes as a solvent, although it is an ether MTBE is a weak Lewis base is not helpful in the formation of Grignard reagents. It is precarious with solid acids and reacts aggressively with bromine.

The Asia-Pacific is the most dominating region in demand and supply of Methyl Tertiary Butyl Ether (MTBE) in the forecasted year. Owing to the growing population in the region, the demand for automotive vehicles increases gasoline and diesel demand. With the swift industrialization in the area, the need for heavy-duty vehicles for commercial purposes also increases, resulting in the growth of the Methyl Tertiary Butyl Ether (MTBE) market. Since China's growth rate had been magnificent in the last decades, the upcoming decade is also expected to witness the same growth, making China a leader in Methyl Tertiary Butyl Ether (MTBE) demand. Further, China has the most notable automotive industry and is expected to consolidate its position as a prime Methyl Tertiary Butyl Ether market. China and India, the most dominating countries of the Methyl Tertiary Butyl Ether market, were among the worst-hit countries by Corona Virus disease. Therefore, the automobile industry sales witnessed a drop of 11 % from 2019 to 2020, affecting the Methyl Tertiary Butyl Ether in the region. Due to leakage of underground gasoline storage tanks, some water sources like aquifers get contaminated by MTBE as it is water-soluble. Because of contamination of groundwater and the concerns regarding the health of people exposed to it, many states have banned or regulated the supply of Methyl Tertiary Butyl Ether (MTBE), restraining the market in the region.

Major global players in the industry were SABIC, Evonik Industries, ExxonMobil Corporation, Reliance Industries Limited, among others.

In April 2021, Saudi Aramco declared that the responsibility of sales and marketing of the company's petrochemicals and polymer products, including Methyl Tertiary Butyl Ether, has been given to Saudi Arabia's state-controlled petrochemicals manufacturer SABIC. SABIC has officially become the chemicals arm of the oil giant. Aramco has completed an acquisition of a 70pc stake in SABIC in 2020. The oil giant is paying the Public Investment Fund of 69.1 billion USD for the purchase in installments.

Global Methyl Tertiary Butyl Ether (MTBE) Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Methyl Tertiary Butyl Ether market by segmenting based on the End-User Industry (Petroleum Industry, Automobile Industry, Chemical Industry, and Others), the applications (Gasoline additive, anti-knocking agent, and solvents), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). This report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. This study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. The report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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