

Global Isobutylene Market Outlook to 2027

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Abstracts

Isobutylene mentions to a colorless flammable gas with a very foul odor, which is likened to the smell of coal gas and is extensively utilized in the production of high-octane aviation gasoline and the process of organic synthesis. According to BlueQuark Research & Consulting, the global Isobutylene market is expected to witness a significant growth rate during the forecasted period. Factors likely to improve fuel efficiency, lessen carbon emission, and boost the octane number influenced the growing demand for the Isobutylene market in the aerospace industry in the forecasted period. Further, in simple terms, Polybutylene is butyl rubber used to produce tires and other synthetic products. Thus, increasing demand for butyl rubber is likely to drive the demand for Isobutylene. Furthermore, the product segment of the isobutylene market is segmented into methyl tert-butyl ether & ethyl tert-butyl ether is expected to enhance the market growth of Isobutylene in the forecasted period. However, fluctuations in the cost of the raw materials & risk associated with their toxic properties are the expected factors that hinder the market growth in the forecasted period.

Isobutylene derivatives are used in aerospace, automotive, pharmaceuticals, & other sectors. It is also helpful for various niche applications, such as wires & cables, compression packaging, & electrical insulation.

The Aerospace industry is the prime user of isobutylene and is projected to drive the Isobutylene market. High demand for isobutylene from various end-user industries, such as aerospace & aviation, is likely to support the growth of the global Isobutylene market in the forecasted period. Isobutylene is more adaptable than hydrogen and is ideal for use as a gasoline additive & inject fuels. High costs & pollution are plaguing the world, and isobutene ability to act as a renewable fuel is impressive. Isobutene on alkylation with butane develops isooctane, which is substantially worn as a fuel additive in aviation fuel. The civil aviation industry, in particular, is observing significant expansion due to factors such as liberalization in trade activities, declining fares, opening up of

economies for foreign direct investment, & advancement in information technology. Engine manufactures of aircraft recommend a particular type of oil for use in different application areas such as engine usage, engine design, climate, and location. The growing importance of regional connectivity, along with rapid urbanization, has supported the growth of the aviation industry. According to the International Air Transports Association (IATA), the air transports fleet will grow to include 39,000 aircraft by 2027, making way for the Isobutylene market's growth.

Some of the market's key players are LyondellBasell, ExxonMobil Chemical, TPC Group, Sumitomo Chemical, Evonik Industries, and Honeywell.

The North America dominated the Isobutylene market across the globe, with the most significant consumption from the countries. The usage of rubber is prevalent across various industries, including transportation, garments, pharmaceutical, and others. In comparison to natural, synthetic rubber is much more thermally stable & compatible with petroleum products due to constituents which include chemical compounds such as isobutene, chloroprene, & others. Consumers are increasingly becoming confident & choosing to purchase individual cars while favoring luxurious models & these factors are expected to drive MTBE consumption in rubber tires, tubes, & other automotive components. Isobutylene is a highly versatile gas & is used as a fuel additive, intermediate in butyl rubber & cosmetics, chemicals, and others. Typically the nature of the product, gas permeability & excellent resistance to weather, water, chemical, and heat remain vital influencing factors for use in the production of butyl rubber. Manufactures are targeted towards identifying & leveraging white spaces in the applications of isobutylene, ranging from cosmetics & pharmaceuticals to chemical lubricants MTBE & ETBE are most by used as octane improvers. In contrast, the remainder is used in the production of high purity isobutylene, and its rapid expansion of the fuel industry is thus anticipated to work to the advantage of isobutylene manufacturers.

Global Isobutylene Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Isobutylene market by segmenting based on Type (Methyl Tert-Butyl Ether, Ethyl Tert-Butyl Ether), End-use Industry (Aerospace, Automotive, Rubber, Pharmaceuticals, Others). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, development, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

Contents

1. Executive Summary

2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
 - 3.2.1 Drivers
 - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Regulatory Policies
- 3.6 Analysis of Covid-19 Impact

4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Competition in the Industry
 - 4.2.2 Potential of New Entrants into the Industry
 - 4.2.3 Bargaining Power of Suppliers
 - 4.2.4 Bargaining Power of Consumers
 - 4.2.5 Threat of substitute products

5. Market Segmentation & Forecast

- 5.1 By Type
 - 5.1.1 Methyl Tert-Butyl Ether
 - 5.1.2 Ethyl Tert-Butyl Ether
- 5.2 By End-User Industries
 - 5.2.1 Aerospace
 - 5.2.2 Automotive
 - 5.2.3 Rubber

5.2.4 Pharmaceuticals

5.2.5 Others

Regional Market Analysis

6.1 North America

6.1.1 United States

6.1.2 Canada

6.1.3 Mexico

6.2 Europe

6.2.1 Germany

6.2.2 United Kingdom

6.2.3 Italy

6.2.4 France

6.2.5 Spain

6.2.6 Rest of Europe

6.3 Asia-Pacific

6.3.1 China

6.3.2 India

6.3.3 Japan

6.3.4 South Korea

6.3.5 Rest of Asia-Pacific

6.4 South America

6.4.1 Brazil

6.4.2 Argentina

6.4.3 Rest of South America

6.5 Middle East & Africa

6.5.1 South Africa

6.5.2 Saudi Arabia

6.5.3 Rest of Middle East & Africa

Company Profiles

IndellBasell

onMobil Chemical

Group

hitomo Chemical

nik Industries

eywell

gwon Industrial

CO

F

Zhou Petrochemical

Zhejiang Shunda New Material

Zhangdong Chambroad Petrochemicals

Zhejiang Chemicals

Zhejiang Petrochemical

Zhejiang Qixiang Tengda

Zhejiang Petrochemical Inc.* *List of companies is not exhaustive***Competitive Landscape**

List of Notable Players in the Market

Mergers, Acquisitions, JV, and Agreements

Market Share Analysis

Strategies of Key Players

Conclusions and Recommendations

List Of Tables

LIST OF TABLES

Global Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

North America Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

United States Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Canada Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Mexico Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Europe Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

United Kingdom Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Germany Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Italy Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

France Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Other Supporting Charts

Rest of Europe Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

South America Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Brazil Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Argentina Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Rest of South America Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Asia-Pacific Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

China Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

India Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Japan Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

South Korea Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Rest of Asia-Pacific Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Middle East & Africa Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Saudi Arabia Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

South Africa Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

Rest of Middle-East & Africa Isobutylene Market Size, Market Growth & Market Forecast Revenue (in USD Millions), 2016-2026

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