

Bio-Alcohols Market Report by Product Type (Bio-Methanol, Bio-Ethanol, Bio-Butanol, Bio-BDO, and Others), Raw Material (Grains, Sugarcane, Industrial Beets, Biowaste, and Others), Application (Transportation, Construction, Medical, Power Generation, and Others), and Region 2024-2032

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Abstracts

The global bio-alcohols market size reached US\$ 14.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 31.6 Billion by 2032, exhibiting a growth rate (CAGR) of 9.1% during 2024-2032.

Bio-alcohols comprise biomethanol, bioethanol, biopropanol, and biobutanol, which are renewable and eco-friendly fuels produced from biological resources or biomass. They are fermented by the action of microorganisms and enzymes through the fermentation of sugars, starches, and cellulose. They are combustible, volatile, and offer low viscosity and toxicity with a high energy density. At present, due to the emerging trend of cocktail culture, especially among millennials, bio-alcohols are gaining immense traction in alcoholic beverages.

Bio-Alcohols Market Trends:

The increasing adoption of biofuels in automobiles due to the implementation of stringent government regulations for minimizing carbon emissions of vehicles represents one of the major factors positively influencing the demand for bio-alcohols. It can also be attributed to the rising sales of high-performance automobiles and inflating prices of petrol worldwide. In addition, it is used in construction materials as it is a biodegradable, sustainable and economical renewable energy resource. This, in

confluence with rising construction activities in the residential, commercial, and industrial areas, is contributing to the market growth. Apart from this, bio-alcohols are widely employed in personal care and cosmetic products, such as perfumes, body mist, hair sprays, and hand sanitizers. This, along with the growing demand for organic and natural products, is propelling the market growth. Furthermore, the increasing consumer awareness about household cleanliness and hygiene is catalyzing the demand for bio-alcohols in household cleaners and disinfectants. Besides this, the widespread product usage in the production of medicinal products is offering lucrative growth opportunities to industry investors.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global bio-alcohols market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product type, raw material and application.

Breakup by Product Type:

- Bio-Methanol
- Bio-Ethanol
- Bio-Butanol
- Bio-BDO
- Others

Bio-ethanol dominates the market as its exhaust gases are much cleaner.

Breakup by Raw Material:

- Grains
- Sugarcane
- Industrial Beets
- Biowaste
- Others

Grains currently account for the majority of the total market share.

Breakup by Application:

- Transportation

Construction
Medical
Power Generation
Others

Bio-alcohols find extensive application in the transportation industry to minimize carbon emissions.

Breakup by Region:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

North America holds the majority of the global bio-alcohols market share due to increasing construction activities in the region.

Competitive Landscape:

The competitive landscape of the market has been analyzed in the report, along with the detailed profiles of the major players operating in the industry. Some of these players are BASF SE, Braskem SA, Cargill, Incorporated, DuPont de Nemours, Inc., Fulcrum BioEnergy, Inc., Genomatica, Inc., Harvest Power, Koninklijke DSM N.V., Lallemand Inc., Mitsubishi Chemical Holdings Corporation, PTT Global Chemical Public Company Limited, and Valero Marketing and Supply Company.

Key Questions Answered in This Report

1. How big is the global bio-alcohols market?
2. What is the expected growth rate of the global bio-alcohols market during 2024-2032?
3. What are the key factors driving the global bio-alcohols market?
4. What has been the impact of COVID-19 on the global bio-alcohols market?
5. What is the breakup of the global bio-alcohols market based on the product type?
6. What is the breakup of the global bio-alcohols market based on the raw material?
7. What is the breakup of the global bio-alcohols market based on the application?
8. What are the key regions in the global bio-alcohols market?
9. Who are the key players/companies in the global bio-alcohols market?

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