

# **Biobutanol Market Report by Raw Material (Cereal Crops, Sugarcane Bagasse, Waste Biomass, and Others), Application (Acrylates, Acetates, Glycol Ethers, Biofuel, and Others), End Use Industry (Transportation, Construction, Medical, Power Generation, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/BC547E6D4C32EN.html>

Date: August 2024

Pages: 139

Price: US\$ 3,509.00 (Single User License)

ID: BC547E6D4C32EN

## **Abstracts**

The global biobutanol market size reached US\$ 1.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 2.2 Billion by 2032, exhibiting a growth rate (CAGR) of 4.8% during 2024-2032.

Biobutanol, or butyl alcohol, refers to a chemical compound used as a fuel in internal combustion (IC) engines or an organic solvent. It consists of four carbon atoms and is usually manufactured by microbial fermentation of starch, sugar and cellulosic feedstock. In comparison to the conventionally used ethanol and gasoline, it is non-corrosive in nature, immiscible in water, has higher energy content and flammability limits and lower vapor pressure. It also releases lesser quantities of hydrocarbons, nitrogen oxide and carbon monoxide upon combustion. As a result, biobutanol is widely used in the manufacturing of rubber, paints, coatings, resins, plasticizers, pharmaceuticals, food-grade extractants, chemical intermediates and herbicides.

The increasing demand for energy-efficient sources of fuel across the globe represents one of the key factors driving the growth of the market. With the increasing environmental concerns among the masses regarding the release of excessive greenhouse gasses (GHG) into the environment, there is a shifting preference towards alternative fuels and renewable energy sources, thereby driving the market growth. In line with this, widespread adoption of biobutanol for the manufacturing of chemicals,

such as butyl acrylates, is also contributing to the market growth. It is also used for the production of acetates, acrylates, glycol ethers and other industrial solvents. Additionally, various advancements in the fermentation and cellulosic extraction technologies are favoring the market growth. Other factors, including increasing consumption of biofuels in the aviation industry and fleet transportation sector, along with the implementation of favorable government policies promoting the use of bio-based products, are anticipated to drive the market further.

#### Key Market Segmentation:

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

#### Breakup by Raw Material:

Cereal Crops

Sugarcane Bagasse

Waste Biomass

Others

#### Breakup by Application:

Acrylates

Acetates

Glycol Ethers

Biofuel

Others

**Breakup by End Use Industry:**

Transportation

Construction

Medical

Power Generation

Others

**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

### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Abengoa, Biocleave Limited, Bioenergy International, Butalco GmbH (Lesaffre), Butamax Advanced Biofuels LLC (BP and Corteva), Eastman Chemical Company, Gevo Inc., Metabolic Explorer SA, Solvay S.A. and W2 Energy Inc.

### Key Questions Answered in This Report

1. How big is the global biobutanol market?
2. What is the expected growth rate of the global biobutanol market during 2024-2032?
3. What are the key factors driving the global biobutanol market?

4. What has been the impact of COVID-19 on the global biobutanol market?
5. What is the breakup of the global biobutanol market based on the application?
6. What is the breakup of the global biobutanol market based on the end use industry?
7. What are the key regions in the global biobutanol market?
8. Who are the key players/companies in the global biobutanol market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL BIOBUTANOL MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### 6 MARKET BREAKUP BY RAW MATERIAL

- 6.1 Cereal Crops
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Sugarcane Bagasse
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Waste Biomass

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

- 7.1 Acrylates
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Acetates
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Glycol Ethers
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Biofuel
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast
- 7.5 Others
  - 7.5.1 Market Trends
  - 7.5.2 Market Forecast

## **8 MARKET BREAKUP BY END USE INDUSTRY**

- 8.1 Transportation
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Construction
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Medical
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Power Generation
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast
- 8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

### 9.1 North America

#### 9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

#### 9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

### 9.2 Asia-Pacific

#### 9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

#### 9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

#### 9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

#### 9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

#### 9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

#### 9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

#### 9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

### 9.3 Europe

#### 9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

#### 9.3.2 France



- 9.3.2.1 Market Trends
- 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
  - 9.3.3.1 Market Trends
  - 9.3.3.2 Market Forecast
- 9.3.4 Italy
  - 9.3.4.1 Market Trends
  - 9.3.4.2 Market Forecast
- 9.3.5 Spain
  - 9.3.5.1 Market Trends
  - 9.3.5.2 Market Forecast
- 9.3.6 Russia
  - 9.3.6.1 Market Trends
  - 9.3.6.2 Market Forecast
- 9.3.7 Others
  - 9.3.7.1 Market Trends
  - 9.3.7.2 Market Forecast
- 9.4 Latin America
  - 9.4.1 Brazil
    - 9.4.1.1 Market Trends
    - 9.4.1.2 Market Forecast
  - 9.4.2 Mexico
    - 9.4.2.1 Market Trends
    - 9.4.2.2 Market Forecast
  - 9.4.3 Others
    - 9.4.3.1 Market Trends
    - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
  - 9.5.1 Market Trends
  - 9.5.2 Market Breakup by Country
  - 9.5.3 Market Forecast

## **10 SWOT ANALYSIS**

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 Abengoa
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
    - 14.3.1.3 Financials
    - 14.3.1.4 SWOT Analysis
  - 14.3.2 Biocleave Limited
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
  - 14.3.3 Bioenergy International
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
  - 14.3.4 Butalco GmbH (Lesaffre)
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
  - 14.3.5 Butamax Advanced Biofuels LLC (BP and Corteva)
    - 14.3.5.1 Company Overview
    - 14.3.5.2 Product Portfolio
  - 14.3.6 Eastman Chemical Company
    - 14.3.6.1 Company Overview
    - 14.3.6.2 Product Portfolio

- 14.3.6.3 Financials
- 14.3.6.4 SWOT Analysis
- 14.3.7 Gevo Inc.
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
  - 14.3.7.3 Financials
- 14.3.8 Metabolic Explorer SA
  - 14.3.8.1 Company Overview
  - 14.3.8.2 Product Portfolio
  - 14.3.8.3 Financials
- 14.3.9 Solvay S.A.
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
  - 14.3.9.3 Financials
  - 14.3.9.4 SWOT Analysis
- 14.3.10 W2 Energy Inc.
  - 14.3.10.1 Company Overview
  - 14.3.10.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: Biobutanol Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Biobutanol Market Forecast: Breakup by Raw Material (in Million US\$), 2024-2032

Table 3: Global: Biobutanol Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Biobutanol Market Forecast: Breakup by End Use Industry (in Million US\$), 2024-2032

Table 5: Global: Biobutanol Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Biobutanol Market: Competitive Structure

Table 7: Global: Biobutanol Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Biobutanol Market: Major Drivers and Challenges

Figure 2: Global: Biobutanol Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Biobutanol Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Biobutanol Market: Breakup by Raw Material (in %), 2023

Figure 5: Global: Biobutanol Market: Breakup by Application (in %), 2023

Figure 6: Global: Biobutanol Market: Breakup by End Use Industry (in %), 2023

Figure 7: Global: Biobutanol Market: Breakup by Region (in %), 2023

Figure 8: Global: Biobutanol (Cereal Crops) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Biobutanol (Cereal Crops) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Biobutanol (Sugarcane Bagasse) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Biobutanol (Sugarcane Bagasse) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Biobutanol (Waste Biomass) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Biobutanol (Waste Biomass) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Biobutanol (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Biobutanol (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Biobutanol (Acrylates) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Biobutanol (Acrylates) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Biobutanol (Acetates) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Biobutanol (Acetates) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Biobutanol (Glycol Ethers) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Biobutanol (Glycol Ethers) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Biobutanol (Biofuel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Biobutanol (Biofuel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Biobutanol (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Biobutanol (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Biobutanol (Transportation) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Biobutanol (Transportation) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Biobutanol (Construction) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Biobutanol (Construction) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Biobutanol (Medical) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Biobutanol (Medical) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: Biobutanol (Power Generation) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: Biobutanol (Power Generation) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Global: Biobutanol (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Global: Biobutanol (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: North America: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: United States: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: United States: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Canada: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Canada: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: North America: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Asia-Pacific: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: China: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

- Figure 44: China: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 45: Japan: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 46: Japan: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 47: India: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 48: India: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 49: South Korea: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 50: South Korea: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 51: Australia: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 52: Australia: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 53: Indonesia: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 54: Indonesia: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 55: Others: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 56: Others: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 57: Asia-Pacific: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 58: Europe: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 59: Germany: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 60: Germany: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 61: France: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 62: France: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 63: United Kingdom: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 64: United Kingdom: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 65: Italy: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 66: Italy: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 67: Spain: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 68: Spain: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 69: Russia: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 70: Russia: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 71: Others: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 72: Others: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 73: Europe: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 74: Latin America: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Brazil: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Brazil: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Mexico: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Mexico: Biobutanol Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 79: Others: Biobutanol Market: Sales Value (in Million US\$), 2018 & 2023

Figure 80: Others: Biobutanol Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Latin America: Biobutanol Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 82: Middle East and Africa: Biobutanol Market: Sales Value (in Million US\$),  
2018 & 2023

Figure 83: Middle East and Africa: Biobutanol Market: Breakup by Country (in %), 2023

Figure 84: Middle East and Africa: Biobutanol Market Forecast: Sales Value (in Million  
US\$), 2024-2032

Figure 85: Global: Biobutanol Industry: SWOT Analysis

Figure 86: Global: Biobutanol Industry: Value Chain Analysis

Figure 87: Global: Biobutanol Industry: Porter's Five Forces Analysis



## I would like to order

Product name: Biobutanol Market Report by Raw Material (Cereal Crops, Sugarcane Bagasse, Waste Biomass, and Others), Application (Acrylates, Acetates, Glycol Ethers, Biofuel, and Others), End Use Industry (Transportation, Construction, Medical, Power Generation, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/BC547E6D4C32EN.html>

Price: US\$ 3,509.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/BC547E6D4C32EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970