+357 96 030922
info@marketpublishers.com

Global Biobased Isobutanol Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GC884746AB6AEN.html
Date: September 2026
Pages: 95
Price: US$ 4,480.00 (Single User License)
ID: GC884746AB6AEN

Abstracts

The global Biobased Isobutanol market size is expected to reach $ 38.04 million by 2032, rising at a market growth of 10.1% CAGR during the forecast period (2026-2032).

In 2025, global production of biobased isobutanol was approximately 8,600 metric tons, with an average global market price of around $2,200 per metric ton. Total global production capacity for biobased isobutanol reached approximately 18,000 metric tons that year. The industry's average gross profit margin stood at approximately 22%. Biobased isobutanol is a four-carbon branched-chain alcohol (molecular formula C?H??O) produced through microbial fermentation and subsequent separation and purification, utilizing carbon sources such as sugars, starch, lignocellulose, agricultural by-products, or other renewable biomass. Its chemical structure and performance characteristics are essentially identical to those of petroleum-based isobutanol, yet the carbon within the product is derived—wholly or partially—from renewable resources. A typical biomanufacturing route employs metabolically engineered yeast, *E. coli*, or other industrial microorganisms to convert carbon sources (such as glucose and sucrose) into isobutanol via pyruvate and valine metabolic pathways. Compared to ethanol, isobutanol offers higher energy density, lower hygroscopicity, lower vapor pressure, and better compatibility with gasoline; it also serves as a crucial raw material for isobutylene, isobutyrate esters, coating solvents, plasticizers, and fine chemicals.

The upstream segment of the biobased isobutanol industry chain primarily encompasses sugar and starch feedstocks—such as corn, sugarcane, sugar beets, and cassava—as well as lignocellulosic resources like molasses, food processing by-products, crop stalks, and wood chips. Starch and cellulosic raw materials typically undergo processes such as grinding, pretreatment, liquefaction, saccharification, and enzymatic hydrolysis to convert them into fermentable sugars like glucose and xylose.

+357 96 030922
info@marketpublishers.com

The upstream sector also involves engineered strains, enzyme preparations, culture media, nutrient salts, bioreactors, and process control equipment; notably, the strain's carbon conversion efficiency, isobutanol tolerance, and ability to control by-products directly impact production costs. With the advancement of synthetic biology, the industry is enhancing isobutanol yields and fermentation concentrations through metabolic pathway strengthening, the knockout of competing pathways, and the screening of solvent-tolerant strains, while gradually increasing the proportion of non-food biomass and waste materials used as feedstocks. The midstream segment consists primarily of industrial biotechnology companies, biorefineries, and green chemical manufacturers responsible for seed culture, fermentation production, isobutanol recovery, dehydration and rectification, and quality testing. Since isobutanol can inhibit microbial cells and product concentrations in fermentation broth are typically lower than those in traditional petrochemical processes, midstream enterprises must employ technologies such as gas stripping, adsorption, membrane separation, liquid-liquid extraction, or in-situ recovery to mitigate product inhibition and reduce energy consumption during downstream distillation. Depending on application requirements, the product can be processed into fuel-grade, industrial solvent-grade, or high-purity chemical-grade isobutanol. Current industry competition focuses on strain stability, continuous fermentation capabilities, low-energy separation technologies, facility utilization rates, and the comprehensive utilization of by-products and residual biomass. Downstream applications for bio-based isobutanol span sectors such as transportation fuels, coatings and inks, adhesives, plasticizers, lubricants, fragrances and flavors, and high-performance materials. In the fuel sector, it serves as a direct gasoline blending component and can be further converted into sustainable aviation fuel (SAF) and other hydrocarbon fuels. In the chemical sector, it can be dehydrated to produce bio-based isobutylene—a precursor for butyl rubber, methyl methacrylate (MMA), isooctane, and various high-value-added chemicals—and utilized as a solvent or esterification feedstock for producing isobutyl acetate, isobutyl acrylate, and coating additives. Looking ahead, driven by the decarbonization of aviation fuels, the growth of bio-based materials, and the efforts of brand-name companies to reduce fossil-carbon usage, bio-based isobutanol is expected to expand from the fuel blending market into high-value sectors such as bio-based olefins, specialty solvents, and feedstocks for sustainable polymers.

Biobased isobutanol possesses a higher energy density than ethanol, along with relatively low hygroscopicity and vapor pressure. It is highly compatible with gasoline and existing fuel infrastructure, allowing it to serve directly as a gasoline blending component or be further converted into isobutylene, isooctane, and aviation fuel components. The U.S. Department of Energy views isobutanol as a potential precursor for sustainable aviation fuel and has supported demonstration projects involving

+357 96 030922
info@marketpublishers.com

technologies such as continuous fermentation and membrane separation; the advancement of alcohol-to-jet fuel pathways will expand the market for isobutanol from a standard solvent to a low-carbon fuel intermediate.

Beyond its use as a solvent for coatings, inks, resins, and adhesives, isobutanol can be dehydrated to produce bio-based isobutylene, which serves as a feedstock for isooctane, acrylates, sealants, synthetic rubber, and other fine chemicals. Compared to the price-sensitive fuel market, chemical intermediates and specialty solvents often command higher price premiums; consequently, producers are increasingly adopting a platform-based strategy centered on the "isobutanol–isobutylene–isooctane–renewable fuels and chemicals" value chain.

Bio-based isobutanol production still faces challenges such as low fermentation titers, isobutanol toxicity to microorganisms, suboptimal sugar conversion efficiency, and high energy consumption during distillation. Future technological upgrades will focus on enhancing the valine metabolic pathway, minimizing competing by-products (like ethanol), improving strain tolerance to isobutanol, and integrating continuous fermentation with techniques such as membrane extraction, gas stripping, adsorption, or in-situ recovery. Projects supported by the U.S. Department of Energy propose using membrane separation to reduce the energy required for isobutanol recovery, highlighting that process integration is becoming a key strategy for commercial cost reduction; the techno-economic viability of lignocellulosic isobutanol also depends heavily on fermentation performance, purification energy consumption, and plant scale.

In the short term, biobased isobutanol production will continue to rely primarily on established sugar sources—such as corn sugar and sucrose—and small-scale commercial facilities, with companies prioritizing high-value markets such as high-octane fuels, aviation fuel intermediates, and green chemicals. In the medium to long term, the proportion of feedstocks such as crop stalks, forestry residues, food waste, and other low-cost carbon sources is expected to rise; existing ethanol plants may also pivot to—or co-produce—biobased isobutanol by adding dedicated fermentation and separation units, thereby minimizing additional capital expenditure. While the EU and the US continue to support the transition of biomanufacturing, bio-based chemicals, and sustainable fuels from technology development to commercial-scale production, factors such as feedstock sustainability, facility utilization rates, and cost disparities relative to petrochemical-based pathways will continue to constrain large-scale expansion in the near term.

+357 96 030922
info@marketpublishers.com

Report Scope

This report studies the global Biobased Isobutanol production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biobased Isobutanol and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Biobased Isobutanol that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Biobased Isobutanol total production and demand, 2021-2032, (Tons)

Global Biobased Isobutanol total production value, 2021-2032, (USD Million)

Global Biobased Isobutanol production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Biobased Isobutanol consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Biobased Isobutanol domestic production, consumption, key domestic manufacturers and share

Global Biobased Isobutanol production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Biobased Isobutanol production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Biobased Isobutanol production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Biobased Isobutanol market based on the

+357 96 030922
info@marketpublishers.com

following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Gevo, DuPont, Godavari Biorefineries, Butamax Advanced Biofuels, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Biobased Isobutanol market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Tons) and average price (US$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Biobased Isobutanol Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

+357 96 030922
info@marketpublishers.com

Market Segmentation

Global Biobased Isobutanol Market, Segmentation by Type:

Corn

Wood Waste

Global Biobased Isobutanol Market, Segmentation by Biomass Raw Material Source:

Sugar-based Bio-isobutanol

Starch-based Bio-isobutanol

Lignocellulosic Bio-isobutanol

Others

Global Biobased Isobutanol Market, Segmentation by Production Technology Route:

Engineered Yeast Fermentation

Engineered Bacteria Fermentation

Clostridium or Mixed-culture Fermentation

Gas Fermentation

Others

Global Biobased Isobutanol Market, Segmentation by Bio-based Content:

+357 96 030922
info@marketpublishers.com

Fully Biobased Isobutanol

Partially Biobased Isobutanol

Global Biobased Isobutanol Market, Segmentation by Application:

Fuel

Industrial Solvent

Others

Companies Profiled:

Gevo

DuPont

Godavari Biorefineries

Butamax Advanced Biofuels

Key Questions Answered:

1. How big is the global Biobased Isobutanol market?
2. What is the demand of the global Biobased Isobutanol market?
3. What is the year over year growth of the global Biobased Isobutanol market?
4. What is the production and production value of the global Biobased Isobutanol market?
5. Who are the key producers in the global Biobased Isobutanol market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Biobased Isobutanol Introduction
1.2 World Biobased Isobutanol Supply & Forecast
  1.2.1 World Biobased Isobutanol Production Value (2021 & 2025 & 2032)
  1.2.2 World Biobased Isobutanol Production (2021-2032)
  1.2.3 World Biobased Isobutanol Pricing Trends (2021-2032)
1.3 World Biobased Isobutanol Production by Region (Based on Production Site)
  1.3.1 World Biobased Isobutanol Production Value by Region (2021-2032)
  1.3.2 World Biobased Isobutanol Production by Region (2021-2032)
  1.3.3 World Biobased Isobutanol Average Price by Region (2021-2032)
  1.3.4 North America Biobased Isobutanol Production (2021-2032)
  1.3.5 Europe Biobased Isobutanol Production (2021-2032)
  1.3.6 China Biobased Isobutanol Production (2021-2032)
  1.3.7 Japan Biobased Isobutanol Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Biobased Isobutanol Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Biobased Isobutanol Major Market Trends

2 DEMAND SUMMARY

2.1 World Biobased Isobutanol Demand (2021-2032)
2.2 World Biobased Isobutanol Consumption by Region
  2.2.1 World Biobased Isobutanol Consumption by Region (2021-2026)
  2.2.2 World Biobased Isobutanol Consumption Forecast by Region (2027-2032)
2.3 United States Biobased Isobutanol Consumption (2021-2032)
2.4 China Biobased Isobutanol Consumption (2021-2032)
2.5 Europe Biobased Isobutanol Consumption (2021-2032)
2.6 Japan Biobased Isobutanol Consumption (2021-2032)
2.7 South Korea Biobased Isobutanol Consumption (2021-2032)
2.8 ASEAN Biobased Isobutanol Consumption (2021-2032)
2.9 India Biobased Isobutanol Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Biobased Isobutanol Production Value by Manufacturer (2021-2026)

+357 96 030922
info@marketpublishers.com

3.2 World Biobased Isobutanol Production by Manufacturer (2021-2026)
3.3 World Biobased Isobutanol Average Price by Manufacturer (2021-2026)
3.4 Biobased Isobutanol Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Biobased Isobutanol Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Biobased Isobutanol in 2025
  3.5.3 Global Concentration Ratios (CR8) for Biobased Isobutanol in 2025
3.6 Biobased Isobutanol Market: Overall Company Footprint Analysis
  3.6.1 Biobased Isobutanol Market: Region Footprint
  3.6.2 Biobased Isobutanol Market: Company Product Type Footprint
  3.6.3 Biobased Isobutanol Market: Company Product Application Footprint
3.7 Competitive Environment
  3.7.1 Historical Structure of the Industry
  3.7.2 Barriers of Market Entry
  3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Biobased Isobutanol Production Value Comparison
  4.1.1 United States VS China: Biobased Isobutanol Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: Biobased Isobutanol Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Biobased Isobutanol Production Comparison
  4.2.1 United States VS China: Biobased Isobutanol Production Comparison (2021 & 2025 & 2032)
  4.2.2 United States VS China: Biobased Isobutanol Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Biobased Isobutanol Consumption Comparison
  4.3.1 United States VS China: Biobased Isobutanol Consumption Comparison (2021 & 2025 & 2032)
  4.3.2 United States VS China: Biobased Isobutanol Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Biobased Isobutanol Manufacturers and Market Share, 2021-2026
  4.4.1 United States Based Biobased Isobutanol Manufacturers, Headquarters and Production Site (States, Country)

+357 96 030922
info@marketpublishers.com

4.4.2 United States Based Manufacturers Biobased Isobutanol Production Value (2021-2026)
4.4.3 United States Based Manufacturers Biobased Isobutanol Production (2021-2026)
4.5 China Based Biobased Isobutanol Manufacturers and Market Share
4.5.1 China Based Biobased Isobutanol Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Biobased Isobutanol Production Value (2021-2026)
4.5.3 China Based Manufacturers Biobased Isobutanol Production (2021-2026)
4.6 Rest of World Based Biobased Isobutanol Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Biobased Isobutanol Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Biobased Isobutanol Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Biobased Isobutanol Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Biobased Isobutanol Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Corn
5.2.2 Wood Waste
5.3 Market Segment by Type
5.3.1 World Biobased Isobutanol Production by Type (2021-2032)
5.3.2 World Biobased Isobutanol Production Value by Type (2021-2032)
5.3.3 World Biobased Isobutanol Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY BIOMASS RAW MATERIAL SOURCE

6.1 World Biobased Isobutanol Market Size Overview by Biomass Raw Material Source: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Biomass Raw Material Source
6.2.1 Sugar-based Bio-isobutanol
6.2.2 Starch-based Bio-isobutanol
6.2.3 Lignocellulosic Bio-isobutanol
6.2.4 Others
6.3 Market Segment by Biomass Raw Material Source
6.3.1 World Biobased Isobutanol Production by Biomass Raw Material Source

+357 96 030922
info@marketpublishers.com

(2021-2032)
6.3.2 World Biobased Isobutanol Production Value by Biomass Raw Material Source (2021-2032)
6.3.3 World Biobased Isobutanol Average Price by Biomass Raw Material Source (2021-2032)

7 MARKET ANALYSIS BY PRODUCTION TECHNOLOGY ROUTE

7.1 World Biobased Isobutanol Market Size Overview by Production Technology Route: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Production Technology Route
7.2.1 Engineered Yeast Fermentation
7.2.2 Engineered Bacteria Fermentation
7.2.3 Clostridium or Mixed-culture Fermentation
7.2.4 Gas Fermentation
7.2.5 Others
7.3 Market Segment by Production Technology Route
7.3.1 World Biobased Isobutanol Production by Production Technology Route (2021-2032)
7.3.2 World Biobased Isobutanol Production Value by Production Technology Route (2021-2032)
7.3.3 World Biobased Isobutanol Average Price by Production Technology Route (2021-2032)

8 MARKET ANALYSIS BY BIO-BASED CONTENT

8.1 World Biobased Isobutanol Market Size Overview by Bio-based Content: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Bio-based Content
8.2.1 Fully Biobased Isobutanol
8.2.2 Partially Biobased Isobutanol
8.3 Market Segment by Bio-based Content
8.3.1 World Biobased Isobutanol Production by Bio-based Content (2021-2032)
8.3.2 World Biobased Isobutanol Production Value by Bio-based Content (2021-2032)
8.3.3 World Biobased Isobutanol Average Price by Bio-based Content (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Biobased Isobutanol Market Size Overview by Application: 2021 VS 2025 VS

+357 96 030922
info@marketpublishers.com

2032
9.2 Segment Introduction by Application
9.2.1 Fuel
9.2.2 Industrial Solvent
9.2.3 Others
9.3 Market Segment by Application
9.3.1 World Biobased Isobutanol Production by Application (2021-2032)
9.3.2 World Biobased Isobutanol Production Value by Application (2021-2032)
9.3.3 World Biobased Isobutanol Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Gevo
10.1.1 Gevo Details
10.1.2 Gevo Major Business
10.1.3 Gevo Biobased Isobutanol Product and Services
10.1.4 Gevo Biobased Isobutanol Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.1.5 Gevo Recent Developments/Updates
10.1.6 Gevo Competitive Strengths & Weaknesses
10.2 DuPont
10.2.1 DuPont Details
10.2.2 DuPont Major Business
10.2.3 DuPont Biobased Isobutanol Product and Services
10.2.4 DuPont Biobased Isobutanol Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.2.5 DuPont Recent Developments/Updates
10.2.6 DuPont Competitive Strengths & Weaknesses
10.3 Godavari Biorefineries
10.3.1 Godavari Biorefineries Details
10.3.2 Godavari Biorefineries Major Business
10.3.3 Godavari Biorefineries Biobased Isobutanol Product and Services
10.3.4 Godavari Biorefineries Biobased Isobutanol Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.3.5 Godavari Biorefineries Recent Developments/Updates
10.3.6 Godavari Biorefineries Competitive Strengths & Weaknesses
10.4 Butamax Advanced Biofuels
10.4.1 Butamax Advanced Biofuels Details
10.4.2 Butamax Advanced Biofuels Major Business

+357 96 030922
info@marketpublishers.com

10.4.3 Butamax Advanced Biofuels Biobased Isobutanol Product and Services
10.4.4 Butamax Advanced Biofuels Biobased Isobutanol Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.4.5 Butamax Advanced Biofuels Recent Developments/Updates
10.4.6 Butamax Advanced Biofuels Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 Biobased Isobutanol Industry Chain
11.2 Biobased Isobutanol Upstream Analysis
11.2.1 Biobased Isobutanol Core Raw Materials
11.2.2 Main Manufacturers of Biobased Isobutanol Core Raw Materials
11.3 Midstream Analysis
11.4 Downstream Analysis
11.5 Biobased Isobutanol Production Mode
11.6 Biobased Isobutanol Procurement Model
11.7 Biobased Isobutanol Industry Sales Model and Sales Channels
11.7.1 Biobased Isobutanol Sales Model
11.7.2 Biobased Isobutanol Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology
13.2 Research Process and Data Source
13.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Biobased Isobutanol Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Biobased Isobutanol Production Value by Region (2021-2026) & (USD Million)
Table 3. World Biobased Isobutanol Production Value by Region (2027-2032) & (USD Million)
Table 4. World Biobased Isobutanol Production Value Market Share by Region (2021-2026)
Table 5. World Biobased Isobutanol Production Value Market Share by Region (2027-2032)
Table 6. World Biobased Isobutanol Production by Region (2021-2026) & (Tons)
Table 7. World Biobased Isobutanol Production by Region (2027-2032) & (Tons)
Table 8. World Biobased Isobutanol Production Market Share by Region (2021-2026)
Table 9. World Biobased Isobutanol Production Market Share by Region (2027-2032)
Table 10. World Biobased Isobutanol Average Price by Region (2021-2026) & (US$/Ton)
Table 11. World Biobased Isobutanol Average Price by Region (2027-2032) & (US$/Ton)
Table 12. Biobased Isobutanol Major Market Trends
Table 13. World Biobased Isobutanol Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)
Table 14. World Biobased Isobutanol Consumption by Region (2021-2026) & (Tons)
Table 15. World Biobased Isobutanol Consumption Forecast by Region (2027-2032) & (Tons)
Table 16. World Biobased Isobutanol Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Biobased Isobutanol Producers in 2025
Table 18. World Biobased Isobutanol Production by Manufacturer (2021-2026) & (Tons)
Table 19. Production Market Share of Key Biobased Isobutanol Producers in 2025
Table 20. World Biobased Isobutanol Average Price by Manufacturer (2021-2026) & (US$/Ton)
Table 21. Global Biobased Isobutanol Company Evaluation Quadrant
Table 22. World Biobased Isobutanol Industry Rank of Major Manufacturers, Based on Production Value in 2025

+357 96 030922
info@marketpublishers.com

Table 23. Head Office and Biobased Isobutanol Production Site of Key Manufacturer
Table 24. Biobased Isobutanol Market: Company Product Type Footprint
Table 25. Biobased Isobutanol Market: Company Product Application Footprint
Table 26. Biobased Isobutanol Competitive Factors
Table 27. Biobased Isobutanol New Entrant and Capacity Expansion Plans
Table 28. Biobased Isobutanol Mergers & Acquisitions Activity
Table 29. United States VS China Biobased Isobutanol Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Biobased Isobutanol Production Comparison, (2021 & 2025 & 2032) & (Tons)
Table 31. United States VS China Biobased Isobutanol Consumption Comparison, (2021 & 2025 & 2032) & (Tons)
Table 32. United States Based Biobased Isobutanol Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Biobased Isobutanol Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Biobased Isobutanol Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Biobased Isobutanol Production (2021-2026) & (Tons)
Table 36. United States Based Manufacturers Biobased Isobutanol Production Market Share (2021-2026)
Table 37. China Based Biobased Isobutanol Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Biobased Isobutanol Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Biobased Isobutanol Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Biobased Isobutanol Production, (2021-2026) & (Tons)
Table 41. China Based Manufacturers Biobased Isobutanol Production Market Share (2021-2026)
Table 42. Rest of World Based Biobased Isobutanol Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Biobased Isobutanol Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Biobased Isobutanol Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Biobased Isobutanol Production,

+357 96 030922
info@marketpublishers.com

(2021-2026) & (Tons)
Table 46. Rest of World Based Manufacturers Biobased Isobutanol Production Market Share (2021-2026)
Table 47. World Biobased Isobutanol Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Biobased Isobutanol Production by Type (2021-2026) & (Tons)
Table 49. World Biobased Isobutanol Production by Type (2027-2032) & (Tons)
Table 50. World Biobased Isobutanol Production Value by Type (2021-2026) & (USD Million)
Table 51. World Biobased Isobutanol Production Value by Type (2027-2032) & (USD Million)
Table 52. World Biobased Isobutanol Average Price by Type (2021-2026) & (US$/Ton)
Table 53. World Biobased Isobutanol Average Price by Type (2027-2032) & (US$/Ton)
Table 54. World Biobased Isobutanol Production Value by Biomass Raw Material Source, (USD Million), 2021 & 2025 & 2032
Table 55. World Biobased Isobutanol Production by Biomass Raw Material Source (2021-2026) & (Tons)
Table 56. World Biobased Isobutanol Production by Biomass Raw Material Source (2027-2032) & (Tons)
Table 57. World Biobased Isobutanol Production Value by Biomass Raw Material Source (2021-2026) & (USD Million)
Table 58. World Biobased Isobutanol Production Value by Biomass Raw Material Source (2027-2032) & (USD Million)
Table 59. World Biobased Isobutanol Average Price by Biomass Raw Material Source (2021-2026) & (US$/Ton)
Table 60. World Biobased Isobutanol Average Price by Biomass Raw Material Source (2027-2032) & (US$/Ton)
Table 61. World Biobased Isobutanol Production Value by Production Technology Route, (USD Million), 2021 & 2025 & 2032
Table 62. World Biobased Isobutanol Production by Production Technology Route (2021-2026) & (Tons)
Table 63. World Biobased Isobutanol Production by Production Technology Route (2027-2032) & (Tons)
Table 64. World Biobased Isobutanol Production Value by Production Technology Route (2021-2026) & (USD Million)
Table 65. World Biobased Isobutanol Production Value by Production Technology Route (2027-2032) & (USD Million)
Table 66. World Biobased Isobutanol Average Price by Production Technology Route (2021-2026) & (US$/Ton)

+357 96 030922
info@marketpublishers.com

Table 67. World Biobased Isobutanol Average Price by Production Technology Route (2027-2032) & (US$/Ton)
Table 68. World Biobased Isobutanol Production Value by Bio-based Content, (USD Million), 2021 & 2025 & 2032
Table 69. World Biobased Isobutanol Production by Bio-based Content (2021-2026) & (Tons)
Table 70. World Biobased Isobutanol Production by Bio-based Content (2027-2032) & (Tons)
Table 71. World Biobased Isobutanol Production Value by Bio-based Content (2021-2026) & (USD Million)
Table 72. World Biobased Isobutanol Production Value by Bio-based Content (2027-2032) & (USD Million)
Table 73. World Biobased Isobutanol Average Price by Bio-based Content (2021-2026) & (US$/Ton)
Table 74. World Biobased Isobutanol Average Price by Bio-based Content (2027-2032) & (US$/Ton)
Table 75. World Biobased Isobutanol Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 76. World Biobased Isobutanol Production by Application (2021-2026) & (Tons)
Table 77. World Biobased Isobutanol Production by Application (2027-2032) & (Tons)
Table 78. World Biobased Isobutanol Production Value by Application (2021-2026) & (USD Million)
Table 79. World Biobased Isobutanol Production Value by Application (2027-2032) & (USD Million)
Table 80. World Biobased Isobutanol Average Price by Application (2021-2026) & (US$/Ton)
Table 81. World Biobased Isobutanol Average Price by Application (2027-2032) & (US$/Ton)
Table 82. Gevo Basic Information, Manufacturing Base and Competitors
Table 83. Gevo Major Business
Table 84. Gevo Biobased Isobutanol Product and Services
Table 85. Gevo Biobased Isobutanol Production (Tons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 86. Gevo Recent Developments/Updates
Table 87. Gevo Competitive Strengths & Weaknesses
Table 88. DuPont Basic Information, Manufacturing Base and Competitors
Table 89. DuPont Major Business
Table 90. DuPont Biobased Isobutanol Product and Services
Table 91. DuPont Biobased Isobutanol Production (Tons), Price (US$/Ton), Production

+357 96 030922
info@marketpublishers.com

Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 92. DuPont Recent Developments/Updates
Table 93. DuPont Competitive Strengths & Weaknesses
Table 94. Godavari Biorefineries Basic Information, Manufacturing Base and Competitors
Table 95. Godavari Biorefineries Major Business
Table 96. Godavari Biorefineries Biobased Isobutanol Product and Services
Table 97. Godavari Biorefineries Biobased Isobutanol Production (Tons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 98. Godavari Biorefineries Recent Developments/Updates
Table 99. Godavari Biorefineries Competitive Strengths & Weaknesses
Table 100. Butamax Advanced Biofuels Basic Information, Manufacturing Base and Competitors
Table 101. Butamax Advanced Biofuels Major Business
Table 102. Butamax Advanced Biofuels Biobased Isobutanol Product and Services
Table 103. Butamax Advanced Biofuels Biobased Isobutanol Production (Tons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 104. Butamax Advanced Biofuels Recent Developments/Updates
Table 105. Butamax Advanced Biofuels Competitive Strengths & Weaknesses
Table 106. Global Key Players of Biobased Isobutanol Upstream (Raw Materials)
Table 107. Global Biobased Isobutanol Typical Customers
Table 108. Biobased Isobutanol Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Biobased Isobutanol Picture
Figure 2. World Biobased Isobutanol Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Biobased Isobutanol Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Biobased Isobutanol Production (2021-2032) & (Tons)
Figure 5. World Biobased Isobutanol Average Price (2021-2032) & (US$/Ton)
Figure 6. World Biobased Isobutanol Production Value Market Share by Region (2021-2032)
Figure 7. World Biobased Isobutanol Production Market Share by Region (2021-2032)
Figure 8. North America Biobased Isobutanol Production (2021-2032) & (Tons)
Figure 9. Europe Biobased Isobutanol Production (2021-2032) & (Tons)
Figure 10. China Biobased Isobutanol Production (2021-2032) & (Tons)
Figure 11. Japan Biobased Isobutanol Production (2021-2032) & (Tons)
Figure 12. Biobased Isobutanol Market Drivers
Figure 13. Factors Affecting Demand
Figure 14. World Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 15. World Biobased Isobutanol Consumption Market Share by Region (2021-2032)
Figure 16. United States Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 17. China Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 18. Europe Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 19. Japan Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 20. South Korea Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 21. ASEAN Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 22. India Biobased Isobutanol Consumption (2021-2032) & (Tons)
Figure 23. Producer Shipments of Biobased Isobutanol by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 24. Global Four-firm Concentration Ratios (CR4) for Biobased Isobutanol Markets in 2025
Figure 25. Global Four-firm Concentration Ratios (CR8) for Biobased Isobutanol Markets in 2025
Figure 26. United States VS China: Biobased Isobutanol Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Biobased Isobutanol Production Market Share

+357 96 030922
info@marketpublishers.com

Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Biobased Isobutanol Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Biobased Isobutanol Production Market Share 2025
Figure 30. China Based Manufacturers Biobased Isobutanol Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Biobased Isobutanol Production Market Share 2025
Figure 32. World Biobased Isobutanol Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Biobased Isobutanol Production Value Market Share by Type in 2025
Figure 34. Corn
Figure 35. Wood Waste
Figure 36. World Biobased Isobutanol Production Market Share by Type (2021-2032)
Figure 37. World Biobased Isobutanol Production Value Market Share by Type (2021-2032)
Figure 38. World Biobased Isobutanol Average Price by Type (2021-2032) & (US$/Ton)
Figure 39. World Biobased Isobutanol Production Value by Biomass Raw Material Source, (USD Million), 2021 & 2025 & 2032
Figure 40. World Biobased Isobutanol Production Value Market Share by Biomass Raw Material Source in 2025
Figure 41. Sugar-based Bio-isobutanol
Figure 42. Starch-based Bio-isobutanol
Figure 43. Lignocellulosic Bio-isobutanol
Figure 44. Others
Figure 45. World Biobased Isobutanol Production Market Share by Biomass Raw Material Source (2021-2032)
Figure 46. World Biobased Isobutanol Production Value Market Share by Biomass Raw Material Source (2021-2032)
Figure 47. World Biobased Isobutanol Average Price by Biomass Raw Material Source (2021-2032) & (US$/Ton)
Figure 48. World Biobased Isobutanol Production Value by Production Technology Route, (USD Million), 2021 & 2025 & 2032
Figure 49. World Biobased Isobutanol Production Value Market Share by Production Technology Route in 2025
Figure 50. Engineered Yeast Fermentation
Figure 51. Engineered Bacteria Fermentation
Figure 52. Clostridium or Mixed-culture Fermentation

+357 96 030922
info@marketpublishers.com

Figure 53. Gas Fermentation
Figure 54. Others
Figure 55. World Biobased Isobutanol Production Market Share by Production Technology Route (2021-2032)
Figure 56. World Biobased Isobutanol Production Value Market Share by Production Technology Route (2021-2032)
Figure 57. World Biobased Isobutanol Average Price by Production Technology Route (2021-2032) & (US$/Ton)
Figure 58. World Biobased Isobutanol Production Value by Bio-based Content, (USD Million), 2021 & 2025 & 2032
Figure 59. World Biobased Isobutanol Production Value Market Share by Bio-based Content in 2025
Figure 60. Fully Biobased Isobutanol
Figure 61. Partially Biobased Isobutanol
Figure 62. World Biobased Isobutanol Production Market Share by Bio-based Content (2021-2032)
Figure 63. World Biobased Isobutanol Production Value Market Share by Bio-based Content (2021-2032)
Figure 64. World Biobased Isobutanol Average Price by Bio-based Content (2021-2032) & (US$/Ton)
Figure 65. World Biobased Isobutanol Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 66. World Biobased Isobutanol Production Value Market Share by Application in 2025
Figure 67. Fuel
Figure 68. Industrial Solvent
Figure 69. Others
Figure 70. World Biobased Isobutanol Production Market Share by Application (2021-2032)
Figure 71. World Biobased Isobutanol Production Value Market Share by Application (2021-2032)
Figure 72. World Biobased Isobutanol Average Price by Application (2021-2032) & (US$/Ton)
Figure 73. Biobased Isobutanol Industry Chain
Figure 74. Biobased Isobutanol Procurement Model
Figure 75. Biobased Isobutanol Sales Model
Figure 76. Biobased Isobutanol Sales Channels, Direct Sales, and Distribution
Figure 77. Methodology
Figure 78. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Biobased Isobutanol Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GC884746AB6AEN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GC884746AB6AEN.html