+357 96 030922
info@marketpublishers.com

Global Bio-based Isobutyric Acid Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GFAF56C63D82EN.html
Date: September 2026
Pages: 80
Price: US$ 4,480.00 (Single User License)
ID: GFAF56C63D82EN

Abstracts

The global Bio-based Isobutyric Acid market size is expected to reach $ 73.58 million by 2032, rising at a market growth of 10.4% CAGR during the forecast period (2026-2032).

In 2025, global production of bio-based isobutyric acid stood at approximately 6,300 metric tons, with a global average market price of around $5,800 per metric ton. That year, total global production capacity reached 9,500 metric tons, and the industry's average gross profit margin hit 30%. Bio-based isobutyric acid refers to isobutyric acid products manufactured from renewable biomass resources using green processes such as microbial fermentation, biotransformation, or biocatalysis. Isobutyric acid is a branched-chain fatty acid with the molecular formula C?H?O?; it serves as a vital short-chain carboxylic acid and an intermediate in fine chemical production. Unlike traditional petroleum-based isobutyric acid—which relies primarily on the propylene carbonylation route—bio-based isobutyric acid is synthesized via the metabolic pathways of engineered microorganisms using renewable carbon sources such as glucose, starch-derived sugars, and sugarcane sugars. It offers advantages such as sustainable raw materials, lower carbon emissions, and alignment with green chemistry trends. Bio-based isobutyric acid finds applications in sectors including fragrances, coatings, solvents, plasticizers, pharmaceutical intermediates, bio-based polymers, and fuel additives. Notably, it can be further converted into high-value-added products such as isobutyrate esters, isobutanol, and methacrylate compounds. As the global chemical industry shifts toward low-carbon operations and biomanufacturing, and as corporate demand for sustainable raw materials and green supply chains grows, bio-based isobutyric acid is increasingly emerging as a significant alternative to traditional petrochemical-based isobutyric acid.

The upstream segment of the bio-based isobutyric acid value chain primarily

+357 96 030922
info@marketpublishers.com

encompasses the supply of renewable carbon sources, microbial strain development, fermentation auxiliary materials, and biomanufacturing equipment. Key raw materials include corn starch, sugarcane, cassava, wheat sugar syrup, and other sugar-containing biomass resources; these undergo saccharification to yield fermentation substrates like glucose, which serve as the carbon source for microbial synthesis. Currently, production relies on metabolically engineered microorganisms; by optimizing branched-chain amino acid metabolic pathways, these microorganisms convert sugars into isobutyric acid precursors, which are subsequently transformed into the target product. Core upstream technologies focus on constructing high-yield strains, regulating metabolic pathways, optimizing fermentation conditions, and enhancing raw material utilization efficiency. Because the production process involves challenges such as controlling by-products, increasing yields, and mitigating product inhibition, strain performance and fermentation technology are critical determinants of cost competitiveness. The midstream segment primarily covers the fermentation and manufacturing of bio-based isobutyric acid, as well as separation, extraction, refining, and product standardization. During production, microorganisms ferment carbohydrate-based feedstocks to convert carbon sources into isobutyric acid; high-purity isobutyric acid products are subsequently obtained through processes such as filtration, extraction, membrane separation, distillation, and rectification. Currently, bio-based isobutyric acid is in the stage of industrialization, with production scales smaller than those of traditional petrochemical-based routes; industry competition focuses on reducing production costs, enhancing fermentation conversion efficiency, optimizing separation processes, and establishing stable supply capabilities. Bio-based isobutyric acid has a wide range of downstream applications, with the fine chemical and fragrance industries serving as key sectors. Isobutyric acid is used to synthesize isobutyrate esters—such as ethyl isobutyrate and isobutyl isobutyrate—which are utilized in food flavorings, fragrances for daily-use chemicals, and seasoning agents. In the chemical industry, it serves as a vital raw material for producing isobutyrate esters, plasticizers, coating additives, solvents, and other organic intermediates. Furthermore, isobutyric acid can be further processed via biocatalytic and chemical conversion routes into isobutanol, methacrylic acid-related materials, and bio-based fuel components, demonstrating significant potential in the fields of green chemistry and sustainable materials. In the pharmaceutical sector, isobutyric acid and its derivatives are used in the synthesis of certain pharmaceutical intermediates.

The global chemical industry's low-carbon transition and the rising demand for sustainable raw materials are the core drivers behind the development of bio-based isobutyric acid. Produced via microbial fermentation or biotransformation using renewable biomass—such as glucose, starch-derived sugars, and sugarcane sugars—bio-

+357 96 030922
info@marketpublishers.com

based isobutyric acid offers advantages over traditional petrochemical routes, including reduced reliance on fossil resources, lower carbon emissions, and enhanced value within green supply chains. In recent years, regions such as Europe, the United States, China, and Japan have actively advanced carbon neutrality strategies, green manufacturing policies, and the adoption of sustainable chemicals, compelling chemical enterprises to seek alternatives to petroleum-based feedstocks. As a vital short-chain carboxylic acid and fine chemical intermediate, isobutyric acid enjoys steady demand in sectors ranging from fragrances and solvents to coating additives and high-performance chemicals; consequently, the bio-based production route has garnered increasing attention as a key direction for the green chemical industry.

Isobutyric acid serves as a precursor for the production of isobutyrate esters, isobutanol, methacrylic acid derivatives, and other functional chemicals, finding broad application in fragrances, coatings, adhesives, pharmaceutical intermediates, and specialty materials. Driven by consumer demand for natural fragrances, green solvents, and low-carbon materials, downstream enterprises are increasingly seeking chemical feedstocks with traceable bio-based origins. Furthermore, bio-based isobutyric acid holds potential as a platform molecule for future bio-based polymers and sustainable chemicals; as biomanufacturing technologies mature, its application scope is expected to expand from traditional fine chemicals into the realm of high-value-added materials.

Report Scope

This report studies the global Bio-based Isobutyric Acid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bio-based Isobutyric Acid 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 Bio-based Isobutyric Acid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bio-based Isobutyric Acid total production and demand, 2021-2032, (Tons)

+357 96 030922
info@marketpublishers.com

Global Bio-based Isobutyric Acid total production value, 2021-2032, (USD Million)

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

Global Bio-based Isobutyric Acid consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Bio-based Isobutyric Acid domestic production, consumption, key domestic manufacturers and share

Global Bio-based Isobutyric Acid production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Bio-based Isobutyric Acid production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Bio-based Isobutyric Acid production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Bio-based Isobutyric Acid market based on the 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 Afyren, Lygos, 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 Bio-based Isobutyric Acid 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

+357 96 030922
info@marketpublishers.com

year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Bio-based Isobutyric Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Bio-based Isobutyric Acid Market, Segmentation by Type:

Purity: ?98%

Purity: >98%

Global Bio-based Isobutyric Acid Market, Segmentation by Raw Material Source:

Food Crop-based Bio-Isobutyric Acid

Non-food Biomass-based Bio-Isobutyric Acid

+357 96 030922
info@marketpublishers.com

Waste-derived Bio-Isobutyric Acid

Global Bio-based Isobutyric Acid Market, Segmentation by Purity Grade:

Feed Grade

Food Grade

Pharmaceutical Grade

Global Bio-based Isobutyric Acid Market, Segmentation by Production Technology Route:

Microbial Fermentation Method

Enzyme-catalyzed Method

Metabolic Engineering Modification Route

Global Bio-based Isobutyric Acid Market, Segmentation by Application:

Pharmaceutical

Cosmetics

Food Additives

Plasticizer

Others

+357 96 030922
info@marketpublishers.com

Companies Profiled:

Afyren

Lygos

Key Questions Answered

1. How big is the global Bio-based Isobutyric Acid market?
2. What is the demand of the global Bio-based Isobutyric Acid market?
3. What is the year over year growth of the global Bio-based Isobutyric Acid market?
4. What is the total value of the global Bio-based Isobutyric Acid market?
5. Who are the Major Players in the global Bio-based Isobutyric Acid market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Bio-based Isobutyric Acid Production Value by Manufacturer (2021-2026)

+357 96 030922
info@marketpublishers.com

3.2 World Bio-based Isobutyric Acid Production by Manufacturer (2021-2026)
3.3 World Bio-based Isobutyric Acid Average Price by Manufacturer (2021-2026)
3.4 Bio-based Isobutyric Acid Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Bio-based Isobutyric Acid Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Bio-based Isobutyric Acid in 2025
  3.5.3 Global Concentration Ratios (CR8) for Bio-based Isobutyric Acid in 2025
3.6 Bio-based Isobutyric Acid Market: Overall Company Footprint Analysis
  3.6.1 Bio-based Isobutyric Acid Market: Region Footprint
  3.6.2 Bio-based Isobutyric Acid Market: Company Product Type Footprint
  3.6.3 Bio-based Isobutyric Acid 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: Bio-based Isobutyric Acid Production Value Comparison
  4.1.1 United States VS China: Bio-based Isobutyric Acid Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: Bio-based Isobutyric Acid Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Bio-based Isobutyric Acid Production Comparison
  4.2.1 United States VS China: Bio-based Isobutyric Acid Production Comparison (2021 & 2025 & 2032)
  4.2.2 United States VS China: Bio-based Isobutyric Acid Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Bio-based Isobutyric Acid Consumption Comparison
  4.3.1 United States VS China: Bio-based Isobutyric Acid Consumption Comparison (2021 & 2025 & 2032)
  4.3.2 United States VS China: Bio-based Isobutyric Acid Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Bio-based Isobutyric Acid Manufacturers and Market Share, 2021-2026
  4.4.1 United States Based Bio-based Isobutyric Acid Manufacturers, Headquarters and Production Site (States, Country)

+357 96 030922
info@marketpublishers.com

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

5 MARKET ANALYSIS BY TYPE

5.1 World Bio-based Isobutyric Acid Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Purity: ?98%
5.2.2 Purity: >98%
5.3 Market Segment by Type
5.3.1 World Bio-based Isobutyric Acid Production by Type (2021-2032)
5.3.2 World Bio-based Isobutyric Acid Production Value by Type (2021-2032)
5.3.3 World Bio-based Isobutyric Acid Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY RAW MATERIAL SOURCE

6.1 World Bio-based Isobutyric Acid Market Size Overview by Raw Material Source: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Raw Material Source
6.2.1 Food Crop-based Bio-Isobutyric Acid
6.2.2 Non-food Biomass-based Bio-Isobutyric Acid
6.2.3 Waste-derived Bio-Isobutyric Acid

+357 96 030922
info@marketpublishers.com

6.3 Market Segment by Raw Material Source
6.3.1 World Bio-based Isobutyric Acid Production by Raw Material Source (2021-2032)
6.3.2 World Bio-based Isobutyric Acid Production Value by Raw Material Source (2021-2032)
6.3.3 World Bio-based Isobutyric Acid Average Price by Raw Material Source (2021-2032)

7 MARKET ANALYSIS BY PURITY GRADE

7.1 World Bio-based Isobutyric Acid Market Size Overview by Purity Grade: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Purity Grade
7.2.1 Feed Grade
7.2.2 Food Grade
7.2.3 Pharmaceutical Grade
7.3 Market Segment by Purity Grade
7.3.1 World Bio-based Isobutyric Acid Production by Purity Grade (2021-2032)
7.3.2 World Bio-based Isobutyric Acid Production Value by Purity Grade (2021-2032)
7.3.3 World Bio-based Isobutyric Acid Average Price by Purity Grade (2021-2032)

8 MARKET ANALYSIS BY PRODUCTION TECHNOLOGY ROUTE

8.1 World Bio-based Isobutyric Acid Market Size Overview by Production Technology Route: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Production Technology Route
8.2.1 Microbial Fermentation Method
8.2.2 Enzyme-catalyzed Method
8.2.3 Metabolic Engineering Modification Route
8.3 Market Segment by Production Technology Route
8.3.1 World Bio-based Isobutyric Acid Production by Production Technology Route (2021-2032)
8.3.2 World Bio-based Isobutyric Acid Production Value by Production Technology Route (2021-2032)
8.3.3 World Bio-based Isobutyric Acid Average Price by Production Technology Route (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Bio-based Isobutyric Acid Market Size Overview by Application: 2021 VS

+357 96 030922
info@marketpublishers.com

2025 VS 2032
9.2 Segment Introduction by Application
9.2.1 Pharmaceutical
9.2.2 Cosmetics
9.2.3 Food Additives
9.2.4 Plasticizer
9.2.5 Others
9.3 Market Segment by Application
9.3.1 World Bio-based Isobutyric Acid Production by Application (2021-2032)
9.3.2 World Bio-based Isobutyric Acid Production Value by Application (2021-2032)
9.3.3 World Bio-based Isobutyric Acid Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Afyren
10.1.1 Afyren Details
10.1.2 Afyren Major Business
10.1.3 Afyren Bio-based Isobutyric Acid Product and Services
10.1.4 Afyren Bio-based Isobutyric Acid Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.1.5 Afyren Recent Developments/Updates
10.1.6 Afyren Competitive Strengths & Weaknesses
10.2 Lygos
10.2.1 Lygos Details
10.2.2 Lygos Major Business
10.2.3 Lygos Bio-based Isobutyric Acid Product and Services
10.2.4 Lygos Bio-based Isobutyric Acid Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.2.5 Lygos Recent Developments/Updates
10.2.6 Lygos Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 Bio-based Isobutyric Acid Industry Chain
11.2 Bio-based Isobutyric Acid Upstream Analysis
11.2.1 Bio-based Isobutyric Acid Core Raw Materials
11.2.2 Main Manufacturers of Bio-based Isobutyric Acid Core Raw Materials
11.3 Midstream Analysis
11.4 Downstream Analysis

+357 96 030922
info@marketpublishers.com

11.5 Bio-based Isobutyric Acid Production Mode
11.6 Bio-based Isobutyric Acid Procurement Model
11.7 Bio-based Isobutyric Acid Industry Sales Model and Sales Channels
11.7.1 Bio-based Isobutyric Acid Sales Model
11.7.2 Bio-based Isobutyric Acid 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 Bio-based Isobutyric Acid Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Bio-based Isobutyric Acid Production Value by Region (2021-2026) & (USD Million)
Table 3. World Bio-based Isobutyric Acid Production Value by Region (2027-2032) & (USD Million)
Table 4. World Bio-based Isobutyric Acid Production Value Market Share by Region (2021-2026)
Table 5. World Bio-based Isobutyric Acid Production Value Market Share by Region (2027-2032)
Table 6. World Bio-based Isobutyric Acid Production by Region (2021-2026) & (Tons)
Table 7. World Bio-based Isobutyric Acid Production by Region (2027-2032) & (Tons)
Table 8. World Bio-based Isobutyric Acid Production Market Share by Region (2021-2026)
Table 9. World Bio-based Isobutyric Acid Production Market Share by Region (2027-2032)
Table 10. World Bio-based Isobutyric Acid Average Price by Region (2021-2026) & (US$/Ton)
Table 11. World Bio-based Isobutyric Acid Average Price by Region (2027-2032) & (US$/Ton)
Table 12. Bio-based Isobutyric Acid Major Market Trends
Table 13. World Bio-based Isobutyric Acid Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)
Table 14. World Bio-based Isobutyric Acid Consumption by Region (2021-2026) & (Tons)
Table 15. World Bio-based Isobutyric Acid Consumption Forecast by Region (2027-2032) & (Tons)
Table 16. World Bio-based Isobutyric Acid Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Bio-based Isobutyric Acid Producers in 2025
Table 18. World Bio-based Isobutyric Acid Production by Manufacturer (2021-2026) & (Tons)
Table 19. Production Market Share of Key Bio-based Isobutyric Acid Producers in 2025
Table 20. World Bio-based Isobutyric Acid Average Price by Manufacturer (2021-2026)

+357 96 030922
info@marketpublishers.com

& (US$/Ton)
Table 21. Global Bio-based Isobutyric Acid Company Evaluation Quadrant
Table 22. World Bio-based Isobutyric Acid Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Bio-based Isobutyric Acid Production Site of Key Manufacturer
Table 24. Bio-based Isobutyric Acid Market: Company Product Type Footprint
Table 25. Bio-based Isobutyric Acid Market: Company Product Application Footprint
Table 26. Bio-based Isobutyric Acid Competitive Factors
Table 27. Bio-based Isobutyric Acid New Entrant and Capacity Expansion Plans
Table 28. Bio-based Isobutyric Acid Mergers & Acquisitions Activity
Table 29. United States VS China Bio-based Isobutyric Acid Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Bio-based Isobutyric Acid Production Comparison, (2021 & 2025 & 2032) & (Tons)
Table 31. United States VS China Bio-based Isobutyric Acid Consumption Comparison, (2021 & 2025 & 2032) & (Tons)
Table 32. United States Based Bio-based Isobutyric Acid Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Bio-based Isobutyric Acid Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Bio-based Isobutyric Acid Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Bio-based Isobutyric Acid Production (2021-2026) & (Tons)
Table 36. United States Based Manufacturers Bio-based Isobutyric Acid Production Market Share (2021-2026)
Table 37. China Based Bio-based Isobutyric Acid Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Bio-based Isobutyric Acid Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Bio-based Isobutyric Acid Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Bio-based Isobutyric Acid Production, (2021-2026) & (Tons)
Table 41. China Based Manufacturers Bio-based Isobutyric Acid Production Market Share (2021-2026)
Table 42. Rest of World Based Bio-based Isobutyric Acid Manufacturers, Headquarters and Production Site (State, Country)

+357 96 030922
info@marketpublishers.com

Table 43. Rest of World Based Manufacturers Bio-based Isobutyric Acid Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Bio-based Isobutyric Acid Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Bio-based Isobutyric Acid Production, (2021-2026) & (Tons)
Table 46. Rest of World Based Manufacturers Bio-based Isobutyric Acid Production Market Share (2021-2026)
Table 47. World Bio-based Isobutyric Acid Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Bio-based Isobutyric Acid Production by Type (2021-2026) & (Tons)
Table 49. World Bio-based Isobutyric Acid Production by Type (2027-2032) & (Tons)
Table 50. World Bio-based Isobutyric Acid Production Value by Type (2021-2026) & (USD Million)
Table 51. World Bio-based Isobutyric Acid Production Value by Type (2027-2032) & (USD Million)
Table 52. World Bio-based Isobutyric Acid Average Price by Type (2021-2026) & (US$/Ton)
Table 53. World Bio-based Isobutyric Acid Average Price by Type (2027-2032) & (US$/Ton)
Table 54. World Bio-based Isobutyric Acid Production Value by Raw Material Source, (USD Million), 2021 & 2025 & 2032
Table 55. World Bio-based Isobutyric Acid Production by Raw Material Source (2021-2026) & (Tons)
Table 56. World Bio-based Isobutyric Acid Production by Raw Material Source (2027-2032) & (Tons)
Table 57. World Bio-based Isobutyric Acid Production Value by Raw Material Source (2021-2026) & (USD Million)
Table 58. World Bio-based Isobutyric Acid Production Value by Raw Material Source (2027-2032) & (USD Million)
Table 59. World Bio-based Isobutyric Acid Average Price by Raw Material Source (2021-2026) & (US$/Ton)
Table 60. World Bio-based Isobutyric Acid Average Price by Raw Material Source (2027-2032) & (US$/Ton)
Table 61. World Bio-based Isobutyric Acid Production Value by Purity Grade, (USD Million), 2021 & 2025 & 2032
Table 62. World Bio-based Isobutyric Acid Production by Purity Grade (2021-2026) & (Tons)
Table 63. World Bio-based Isobutyric Acid Production by Purity Grade (2027-2032) &

+357 96 030922
info@marketpublishers.com

(Tons)
Table 64. World Bio-based Isobutyric Acid Production Value by Purity Grade (2021-2026) & (USD Million)
Table 65. World Bio-based Isobutyric Acid Production Value by Purity Grade (2027-2032) & (USD Million)
Table 66. World Bio-based Isobutyric Acid Average Price by Purity Grade (2021-2026) & (US$/Ton)
Table 67. World Bio-based Isobutyric Acid Average Price by Purity Grade (2027-2032) & (US$/Ton)
Table 68. World Bio-based Isobutyric Acid Production Value by Production Technology Route, (USD Million), 2021 & 2025 & 2032
Table 69. World Bio-based Isobutyric Acid Production by Production Technology Route (2021-2026) & (Tons)
Table 70. World Bio-based Isobutyric Acid Production by Production Technology Route (2027-2032) & (Tons)
Table 71. World Bio-based Isobutyric Acid Production Value by Production Technology Route (2021-2026) & (USD Million)
Table 72. World Bio-based Isobutyric Acid Production Value by Production Technology Route (2027-2032) & (USD Million)
Table 73. World Bio-based Isobutyric Acid Average Price by Production Technology Route (2021-2026) & (US$/Ton)
Table 74. World Bio-based Isobutyric Acid Average Price by Production Technology Route (2027-2032) & (US$/Ton)
Table 75. World Bio-based Isobutyric Acid Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 76. World Bio-based Isobutyric Acid Production by Application (2021-2026) & (Tons)
Table 77. World Bio-based Isobutyric Acid Production by Application (2027-2032) & (Tons)
Table 78. World Bio-based Isobutyric Acid Production Value by Application (2021-2026) & (USD Million)
Table 79. World Bio-based Isobutyric Acid Production Value by Application (2027-2032) & (USD Million)
Table 80. World Bio-based Isobutyric Acid Average Price by Application (2021-2026) & (US$/Ton)
Table 81. World Bio-based Isobutyric Acid Average Price by Application (2027-2032) & (US$/Ton)
Table 82. Afyren Basic Information, Manufacturing Base and Competitors
Table 83. Afyren Major Business

+357 96 030922
info@marketpublishers.com

Table 84. Afyren Bio-based Isobutyric Acid Product and Services
Table 85. Afyren Bio-based Isobutyric Acid Production (Tons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 86. Afyren Recent Developments/Updates
Table 87. Afyren Competitive Strengths & Weaknesses
Table 88. Lygos Basic Information, Manufacturing Base and Competitors
Table 89. Lygos Major Business
Table 90. Lygos Bio-based Isobutyric Acid Product and Services
Table 91. Lygos Bio-based Isobutyric Acid Production (Tons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 92. Lygos Recent Developments/Updates
Table 93. Lygos Competitive Strengths & Weaknesses
Table 94. Global Key Players of Bio-based Isobutyric Acid Upstream (Raw Materials)
Table 95. Global Bio-based Isobutyric Acid Typical Customers
Table 96. Bio-based Isobutyric Acid Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

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

+357 96 030922
info@marketpublishers.com

Figure 27. United States VS China: Bio-based Isobutyric Acid Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Bio-based Isobutyric Acid Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Bio-based Isobutyric Acid Production Market Share 2025
Figure 30. China Based Manufacturers Bio-based Isobutyric Acid Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Bio-based Isobutyric Acid Production Market Share 2025
Figure 32. World Bio-based Isobutyric Acid Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Bio-based Isobutyric Acid Production Value Market Share by Type in 2025
Figure 34. Purity: ?98%
Figure 35. Purity: >98%
Figure 36. World Bio-based Isobutyric Acid Production Market Share by Type (2021-2032)
Figure 37. World Bio-based Isobutyric Acid Production Value Market Share by Type (2021-2032)
Figure 38. World Bio-based Isobutyric Acid Average Price by Type (2021-2032) & (US$/Ton)
Figure 39. World Bio-based Isobutyric Acid Production Value by Raw Material Source, (USD Million), 2021 & 2025 & 2032
Figure 40. World Bio-based Isobutyric Acid Production Value Market Share by Raw Material Source in 2025
Figure 41. Food Crop-based Bio-Isobutyric Acid
Figure 42. Non-food Biomass-based Bio-Isobutyric Acid
Figure 43. Waste-derived Bio-Isobutyric Acid
Figure 44. World Bio-based Isobutyric Acid Production Market Share by Raw Material Source (2021-2032)
Figure 45. World Bio-based Isobutyric Acid Production Value Market Share by Raw Material Source (2021-2032)
Figure 46. World Bio-based Isobutyric Acid Average Price by Raw Material Source (2021-2032) & (US$/Ton)
Figure 47. World Bio-based Isobutyric Acid Production Value by Purity Grade, (USD Million), 2021 & 2025 & 2032
Figure 48. World Bio-based Isobutyric Acid Production Value Market Share by Purity Grade in 2025

+357 96 030922
info@marketpublishers.com

Figure 49. Feed Grade
Figure 50. Food Grade
Figure 51. Pharmaceutical Grade
Figure 52. World Bio-based Isobutyric Acid Production Market Share by Purity Grade (2021-2032)
Figure 53. World Bio-based Isobutyric Acid Production Value Market Share by Purity Grade (2021-2032)
Figure 54. World Bio-based Isobutyric Acid Average Price by Purity Grade (2021-2032) & (US$/Ton)
Figure 55. World Bio-based Isobutyric Acid Production Value by Production Technology Route, (USD Million), 2021 & 2025 & 2032
Figure 56. World Bio-based Isobutyric Acid Production Value Market Share by Production Technology Route in 2025
Figure 57. Microbial Fermentation Method
Figure 58. Enzyme-catalyzed Method
Figure 59. Metabolic Engineering Modification Route
Figure 60. World Bio-based Isobutyric Acid Production Market Share by Production Technology Route (2021-2032)
Figure 61. World Bio-based Isobutyric Acid Production Value Market Share by Production Technology Route (2021-2032)
Figure 62. World Bio-based Isobutyric Acid Average Price by Production Technology Route (2021-2032) & (US$/Ton)
Figure 63. World Bio-based Isobutyric Acid Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 64. World Bio-based Isobutyric Acid Production Value Market Share by Application in 2025
Figure 65. Pharmaceutical
Figure 66. Cosmetics
Figure 67. Food Additives
Figure 68. Plasticizer
Figure 69. Others
Figure 70. World Bio-based Isobutyric Acid Production Market Share by Application (2021-2032)
Figure 71. World Bio-based Isobutyric Acid Production Value Market Share by Application (2021-2032)
Figure 72. World Bio-based Isobutyric Acid Average Price by Application (2021-2032) & (US$/Ton)
Figure 73. Bio-based Isobutyric Acid Industry Chain
Figure 74. Bio-based Isobutyric Acid Procurement Model

+357 96 030922
info@marketpublishers.com

Figure 75. Bio-based Isobutyric Acid Sales Model
Figure 76. Bio-based Isobutyric Acid 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 Bio-based Isobutyric Acid Supply, Demand and Key Producers, 2026-2032
Product link: https://marketpublishers.com/r/GFAF56C63D82EN.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/GFAF56C63D82EN.html