

Global Enzyme Preparations for Biofuel Market Growth 2026-2032

<https://marketpublishers.com/r/G619D0692B8EEN.html>

Date: July 2026

Pages: 93

Price: US\$ 3,660.00 (Single User License)

ID: G619D0692B8EEN

Abstracts

The global Enzyme Preparations for Biofuel market size is predicted to grow from US\$ 286 million in 2025 to US\$ 417 million in 2032; it is expected to grow at a CAGR of 5.8% from 2026 to 2032.

Enzyme Preparations for Biofuel are industrial enzyme products utilized in the biofuel production process. Their primary function is to degrade macromolecules such as starch, cellulose, hemicellulose, proteins, or lipids present in biomass feedstocks (including corn, wheat, cassava, bagasse, crop straw, and lignocellulose) into fermentable sugars, utilizable nutrients, or convertible intermediates. This process ultimately enhances the yield and production efficiency of products such as fuel ethanol, biodiesel, and cellulosic ethanol.

The upstream segment primarily comprises biomass feedstocks such as corn, wheat, cassava, bagasse, crop straw, corn fiber, vegetable oils, and waste fats as well as the microbial strains and fermentation media required for enzyme production. The midstream segment involves industrial enzyme manufacturers executing processes such as microbial strain screening, fermentation expression, separation and concentration, formulation and stabilization, and application testing. The downstream segment focuses primarily on improving starch and fiber conversion rates, reducing slurry viscosity, boosting fermentation efficiency, optimizing lipid pretreatment, and increasing overall fuel yields.

By 2025, global sales volume for biofuel enzyme preparations is projected to reach approximately 40,000 tons, with an average price ranging from \$6,500 to \$8,000 per ton; leading enterprises in the sector are expected to maintain gross margins of approximately 35% to 50%.

Growth in the biofuel enzyme industry is primarily driven by rising demand for low-carbon fuels such as fuel ethanol, biodiesel, and cellulosic ethanol. Key drivers include national blending mandates for renewable fuels, regulatory requirements for reducing carbon emissions in transportation fuels, energy security imperatives, and the continuous need among biofuel producers to reduce costs and enhance efficiency. In biofuel production, enzymes play pivotal roles in liquefaction, saccharification, fiber conversion, viscosity reduction, fermentation efficiency enhancement, and lipid pretreatment. By facilitating these processes, enzymes boost raw material conversion rates, reduce energy and water consumption, and enable companies to achieve higher yields of ethanol or lipid-based products from equivalent inputs of raw materials. Overall, biofuel enzymes are not merely generic additives that grow linearly in tandem with biofuel production volumes; rather, they serve as critical process materials essential for reducing costs, improving efficiency, and decarbonizing the biofuel sector. Future growth is expected to be driven primarily by high-solids fuel ethanol production, corn fiber ethanol, cellulosic ethanol, lipid pretreatment for biodiesel, and process upgrades spurred by low-carbon fuel policies.

LP Information, Inc. (LPI)'s newest research report, the "Enzyme Preparations for Biofuel Industry Forecast" looks at past sales and reviews total world Enzyme Preparations for Biofuel sales in 2025, providing a comprehensive analysis by region and market sector of projected Enzyme Preparations for Biofuel sales for 2026 through 2032. With Enzyme Preparations for Biofuel sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Enzyme Preparations for Biofuel industry.

This Insight Report provides a comprehensive analysis of the global Enzyme Preparations for Biofuel landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Enzyme Preparations for Biofuel portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Enzyme Preparations for Biofuel market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Enzyme Preparations for Biofuel and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-

up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Enzyme Preparations for Biofuel.

This report presents a comprehensive overview, market shares, and growth opportunities of Enzyme Preparations for Biofuel market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Starch Hydrolyzing Enzymes

Cellulose-Degrading Enzymes

Lipases

Segmentation by Product Form:

Liquid

Dry Powder

Segmentation by Process Stages:

Enzyme Preparations for Liquefaction

Enzyme Preparations for Saccharification

Enzyme Preparations for Cellulose Conversion

Segmentation by Application:

Ethanol

Biodiesel

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Novonesis

IFF

Lallemand

Kemin Industries

Advanced Enzyme Technologies

Guangdong VTR Bio-Tech

Key Questions Addressed in this Report

What is the 10-year outlook for the global Enzyme Preparations for Biofuel market?

What factors are driving Enzyme Preparations for Biofuel market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Enzyme Preparations for Biofuel market opportunities vary by end market size?

How does Enzyme Preparations for Biofuel break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Enzyme Preparations for Biofuel Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Enzyme Preparations for Biofuel by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Enzyme Preparations for Biofuel by Country/Region, 2021, 2025 & 2032
- 2.2 Enzyme Preparations for Biofuel Segment by Type
 - 2.2.1 Starch Hydrolyzing Enzymes
 - 2.2.2 Cellulose-Degrading Enzymes
 - 2.2.3 Lipases
 - 2.2.4 Enzyme Preparations for Biofuel Sales by Type
 - 2.2.4.1 Global Enzyme Preparations for Biofuel Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Enzyme Preparations for Biofuel Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Enzyme Preparations for Biofuel Sale Price by Type (2021-2026)
- 2.3 Enzyme Preparations for Biofuel Segment by Product Form
 - 2.3.1 Liquid
 - 2.3.2 Dry Powder
 - 2.3.3 Enzyme Preparations for Biofuel Sales by Product Form
 - 2.3.3.1 Global Enzyme Preparations for Biofuel Sales Market Share by Product Form (2021-2026)
 - 2.3.3.2 Global Enzyme Preparations for Biofuel Revenue and Market Share by Product Form (2021-2026)

2.3.3.3 Global Enzyme Preparations for Biofuel Sale Price by Product Form
(2021-2026)

2.4 Enzyme Preparations for Biofuel Segment by Process Stages

2.4.1 Enzyme Preparations for Liquefaction

2.4.2 Enzyme Preparations for Saccharification

2.4.3 Enzyme Preparations for Cellulose Conversion

2.4.4 Enzyme Preparations for Biofuel Sales by Process Stages

2.4.4.1 Global Enzyme Preparations for Biofuel Sales Market Share by Process
Stages (2021-2026)

2.4.4.2 Global Enzyme Preparations for Biofuel Revenue and Market Share by
Process Stages (2021-2026)

2.4.4.3 Global Enzyme Preparations for Biofuel Sale Price by Process Stages
(2021-2026)

2.5 Enzyme Preparations for Biofuel Segment by Application

2.5.1 Ethanol

2.5.2 Biodiesel

2.5.3 Other

2.5.4 Enzyme Preparations for Biofuel Sales by Application

2.5.4.1 Global Enzyme Preparations for Biofuel Sale Market Share by Application
(2021-2026)

2.5.4.2 Global Enzyme Preparations for Biofuel Revenue and Market Share by
Application (2021-2026)

2.5.4.3 Global Enzyme Preparations for Biofuel Sale Price by Application
(2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Enzyme Preparations for Biofuel Breakdown Data by Company

3.1.1 Global Enzyme Preparations for Biofuel Annual Sales by Company (2021-2026)

3.1.2 Global Enzyme Preparations for Biofuel Sales Market Share by Company
(2021-2026)

3.2 Global Enzyme Preparations for Biofuel Annual Revenue by Company (2021-2026)

3.2.1 Global Enzyme Preparations for Biofuel Revenue by Company (2021-2026)

3.2.2 Global Enzyme Preparations for Biofuel Revenue Market Share by Company
(2021-2026)

3.3 Global Enzyme Preparations for Biofuel Sale Price by Company

3.4 Key Manufacturers Enzyme Preparations for Biofuel Producing Area Distribution,
Sales Area, Product Type

3.4.1 Key Manufacturers Enzyme Preparations for Biofuel Product Location

Distribution

- 3.4.2 Players Enzyme Preparations for Biofuel Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ENZYME PREPARATIONS FOR BIOFUEL BY GEOGRAPHIC REGION

- 4.1 World Historic Enzyme Preparations for Biofuel Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Enzyme Preparations for Biofuel Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Enzyme Preparations for Biofuel Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Enzyme Preparations for Biofuel Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Enzyme Preparations for Biofuel Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Enzyme Preparations for Biofuel Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Enzyme Preparations for Biofuel Sales Growth
- 4.4 APAC Enzyme Preparations for Biofuel Sales Growth
- 4.5 Europe Enzyme Preparations for Biofuel Sales Growth
- 4.6 Middle East & Africa Enzyme Preparations for Biofuel Sales Growth

5 AMERICAS

- 5.1 Americas Enzyme Preparations for Biofuel Sales by Country
 - 5.1.1 Americas Enzyme Preparations for Biofuel Sales by Country (2021-2026)
 - 5.1.2 Americas Enzyme Preparations for Biofuel Revenue by Country (2021-2026)
- 5.2 Americas Enzyme Preparations for Biofuel Sales by Type (2021-2026)
- 5.3 Americas Enzyme Preparations for Biofuel Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

6.1 APAC Enzyme Preparations for Biofuel Sales by Region

6.1.1 APAC Enzyme Preparations for Biofuel Sales by Region (2021-2026)

6.1.2 APAC Enzyme Preparations for Biofuel Revenue by Region (2021-2026)

6.2 APAC Enzyme Preparations for Biofuel Sales by Type (2021-2026)

6.3 APAC Enzyme Preparations for Biofuel Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Enzyme Preparations for Biofuel by Country

7.1.1 Europe Enzyme Preparations for Biofuel Sales by Country (2021-2026)

7.1.2 Europe Enzyme Preparations for Biofuel Revenue by Country (2021-2026)

7.2 Europe Enzyme Preparations for Biofuel Sales by Type (2021-2026)

7.3 Europe Enzyme Preparations for Biofuel Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Enzyme Preparations for Biofuel by Country

8.1.1 Middle East & Africa Enzyme Preparations for Biofuel Sales by Country (2021-2026)

8.1.2 Middle East & Africa Enzyme Preparations for Biofuel Revenue by Country (2021-2026)

8.2 Middle East & Africa Enzyme Preparations for Biofuel Sales by Type (2021-2026)

8.3 Middle East & Africa Enzyme Preparations for Biofuel Sales by Application (2021-2026)

- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Enzyme Preparations for Biofuel
- 10.3 Manufacturing Process Analysis of Enzyme Preparations for Biofuel
- 10.4 Industry Chain Structure of Enzyme Preparations for Biofuel

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Enzyme Preparations for Biofuel Distributors
- 11.3 Enzyme Preparations for Biofuel Customer

12 WORLD FORECAST REVIEW FOR ENZYME PREPARATIONS FOR BIOFUEL BY GEOGRAPHIC REGION

- 12.1 Global Enzyme Preparations for Biofuel Market Size Forecast by Region
 - 12.1.1 Global Enzyme Preparations for Biofuel Forecast by Region (2027-2032)
 - 12.1.2 Global Enzyme Preparations for Biofuel Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Enzyme Preparations for Biofuel Forecast by Type (2027-2032)

12.7 Global Enzyme Preparations for Biofuel Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Novonesis

13.1.1 Novonesis Company Information

13.1.2 Novonesis Enzyme Preparations for Biofuel Product Portfolios and Specifications

13.1.3 Novonesis Enzyme Preparations for Biofuel Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Novonesis Main Business Overview

13.1.5 Novonesis Latest Developments

13.2 IFF

13.2.1 IFF Company Information

13.2.2 IFF Enzyme Preparations for Biofuel Product Portfolios and Specifications

13.2.3 IFF Enzyme Preparations for Biofuel Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 IFF Main Business Overview

13.2.5 IFF Latest Developments

13.3 Lallemand

13.3.1 Lallemand Company Information

13.3.2 Lallemand Enzyme Preparations for Biofuel Product Portfolios and Specifications

13.3.3 Lallemand Enzyme Preparations for Biofuel Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Lallemand Main Business Overview

13.3.5 Lallemand Latest Developments

13.4 Kemin Industries

13.4.1 Kemin Industries Company Information

13.4.2 Kemin Industries Enzyme Preparations for Biofuel Product Portfolios and Specifications

13.4.3 Kemin Industries Enzyme Preparations for Biofuel Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Kemin Industries Main Business Overview

13.4.5 Kemin Industries Latest Developments

13.5 Advanced Enzyme Technologies

13.5.1 Advanced Enzyme Technologies Company Information

13.5.2 Advanced Enzyme Technologies Enzyme Preparations for Biofuel Product Portfolios and Specifications

13.5.3 Advanced Enzyme Technologies Enzyme Preparations for Biofuel Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Advanced Enzyme Technologies Main Business Overview

13.5.5 Advanced Enzyme Technologies Latest Developments

13.6 Guangdong VTR Bio-Tech

13.6.1 Guangdong VTR Bio-Tech Company Information

13.6.2 Guangdong VTR Bio-Tech Enzyme Preparations for Biofuel Product Portfolios and Specifications

13.6.3 Guangdong VTR Bio-Tech Enzyme Preparations for Biofuel Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Guangdong VTR Bio-Tech Main Business Overview

13.6.5 Guangdong VTR Bio-Tech Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Enzyme Preparations for Biofuel Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Enzyme Preparations for Biofuel Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Starch Hydrolyzing Enzymes

Table 4. Major Players of Cellulose-Degrading Enzymes

Table 5. Major Players of Lipases

Table 6. Global Enzyme Preparations for Biofuel Sales by Type (2021-2026) & (Tons)

Table 7. Global Enzyme Preparations for Biofuel Sales Market Share by Type (2021-2026)

Table 8. Global Enzyme Preparations for Biofuel Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Enzyme Preparations for Biofuel Revenue Market Share by Type (2021-2026)

Table 10. Global Enzyme Preparations for Biofuel Sale Price by Type (2021-2026) & (US\$/Ton)

Table 11. Major Players of Liquid

Table 12. Major Players of Dry Powder

Table 13. Global Enzyme Preparations for Biofuel Sales by Product Form (2021-2026) & (Tons)

Table 14. Global Enzyme Preparations for Biofuel Sales Market Share by Product Form (2021-2026)

Table 15. Global Enzyme Preparations for Biofuel Revenue by Product Form (2021-2026) & (\$ million)

Table 16. Global Enzyme Preparations for Biofuel Revenue Market Share by Product Form (2021-2026)

Table 17. Global Enzyme Preparations for Biofuel Sale Price by Product Form (2021-2026) & (US\$/Ton)

Table 18. Major Players of Enzyme Preparations for Liquefaction

Table 19. Major Players of Enzyme Preparations for Saccharification

Table 20. Major Players of Enzyme Preparations for Cellulose Conversion

Table 21. Global Enzyme Preparations for Biofuel Sales by Process Stages (2021-2026) & (Tons)

Table 22. Global Enzyme Preparations for Biofuel Sales Market Share by Process Stages (2021-2026)

Table 23. Global Enzyme Preparations for Biofuel Revenue by Process Stages (2021-2026) & (\$ million)

Table 24. Global Enzyme Preparations for Biofuel Revenue Market Share by Process Stages (2021-2026)

Table 25. Global Enzyme Preparations for Biofuel Sale Price by Process Stages (2021-2026) & (US\$/Ton)

Table 26. Global Enzyme Preparations for Biofuel Sale by Application (2021-2026) & (Tons)

Table 27. Global Enzyme Preparations for Biofuel Sale Market Share by Application (2021-2026)

Table 28. Global Enzyme Preparations for Biofuel Revenue by Application (2021-2026) & (\$ million)

Table 29. Global Enzyme Preparations for Biofuel Revenue Market Share by Application (2021-2026)

Table 30. Global Enzyme Preparations for Biofuel Sale Price by Application (2021-2026) & (US\$/Ton)

Table 31. Global Enzyme Preparations for Biofuel Sales by Company (2021-2026) & (Tons)

Table 32. Global Enzyme Preparations for Biofuel Sales Market Share by Company (2021-2026)

Table 33. Global Enzyme Preparations for Biofuel Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global Enzyme Preparations for Biofuel Revenue Market Share by Company (2021-2026)

Table 35. Global Enzyme Preparations for Biofuel Sale Price by Company (2021-2026) & (US\$/Ton)

Table 36. Key Manufacturers Enzyme Preparations for Biofuel Producing Area Distribution and Sales Area

Table 37. Players Enzyme Preparations for Biofuel Products Offered

Table 38. Enzyme Preparations for Biofuel Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global Enzyme Preparations for Biofuel Sales by Geographic Region (2021-2026) & (Tons)

Table 42. Global Enzyme Preparations for Biofuel Sales Market Share Geographic Region (2021-2026)

Table 43. Global Enzyme Preparations for Biofuel Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 44. Global Enzyme Preparations for Biofuel Revenue Market Share by Geographic Region (2021-2026)

Table 45. Global Enzyme Preparations for Biofuel Sales by Country/Region (2021-2026) & (Tons)

Table 46. Global Enzyme Preparations for Biofuel Sales Market Share by Country/Region (2021-2026)

Table 47. Global Enzyme Preparations for Biofuel Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global Enzyme Preparations for Biofuel Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas Enzyme Preparations for Biofuel Sales by Country (2021-2026) & (Tons)

Table 50. Americas Enzyme Preparations for Biofuel Sales Market Share by Country (2021-2026)

Table 51. Americas Enzyme Preparations for Biofuel Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas Enzyme Preparations for Biofuel Sales by Type (2021-2026) & (Tons)

Table 53. Americas Enzyme Preparations for Biofuel Sales by Application (2021-2026) & (Tons)

Table 54. APAC Enzyme Preparations for Biofuel Sales by Region (2021-2026) & (Tons)

Table 55. APAC Enzyme Preparations for Biofuel Sales Market Share by Region (2021-2026)

Table 56. APAC Enzyme Preparations for Biofuel Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC Enzyme Preparations for Biofuel Sales by Type (2021-2026) & (Tons)

Table 58. APAC Enzyme Preparations for Biofuel Sales by Application (2021-2026) & (Tons)

Table 59. Europe Enzyme Preparations for Biofuel Sales by Country (2021-2026) & (Tons)

Table 60. Europe Enzyme Preparations for Biofuel Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe Enzyme Preparations for Biofuel Sales by Type (2021-2026) & (Tons)

Table 62. Europe Enzyme Preparations for Biofuel Sales by Application (2021-2026) & (Tons)

Table 63. Middle East & Africa Enzyme Preparations for Biofuel Sales by Country (2021-2026) & (Tons)

Table 64. Middle East & Africa Enzyme Preparations for Biofuel Revenue Market Share

by Country (2021-2026)

Table 65. Middle East & Africa Enzyme Preparations for Biofuel Sales by Type (2021-2026) & (Tons)

Table 66. Middle East & Africa Enzyme Preparations for Biofuel Sales by Application (2021-2026) & (Tons)

Table 67. Key Market Drivers & Growth Opportunities of Enzyme Preparations for Biofuel

Table 68. Key Market Challenges & Risks of Enzyme Preparations for Biofuel

Table 69. Key Industry Trends of Enzyme Preparations for Biofuel

Table 70. Enzyme Preparations for Biofuel Raw Material

Table 71. Key Suppliers of Raw Materials

Table 72. Enzyme Preparations for Biofuel Distributors List

Table 73. Enzyme Preparations for Biofuel Customer List

Table 74. Global Enzyme Preparations for Biofuel Sales Forecast by Region (2027-2032) & (Tons)

Table 75. Global Enzyme Preparations for Biofuel Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 76. Americas Enzyme Preparations for Biofuel Sales Forecast by Country (2027-2032) & (Tons)

Table 77. Americas Enzyme Preparations for Biofuel Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. APAC Enzyme Preparations for Biofuel Sales Forecast by Region (2027-2032) & (Tons)

Table 79. APAC Enzyme Preparations for Biofuel Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Europe Enzyme Preparations for Biofuel Sales Forecast by Country (2027-2032) & (Tons)

Table 81. Europe Enzyme Preparations for Biofuel Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. Middle East & Africa Enzyme Preparations for Biofuel Sales Forecast by Country (2027-2032) & (Tons)

Table 83. Middle East & Africa Enzyme Preparations for Biofuel Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. Global Enzyme Preparations for Biofuel Sales Forecast by Type (2027-2032) & (Tons)

Table 85. Global Enzyme Preparations for Biofuel Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 86. Global Enzyme Preparations for Biofuel Sales Forecast by Application (2027-2032) & (Tons)

Table 87. Global Enzyme Preparations for Biofuel Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 88. Novonesis Basic Information, Enzyme Preparations for Biofuel Manufacturing Base, Sales Area and Its Competitors

Table 89. Novonesis Enzyme Preparations for Biofuel Product Portfolios and Specifications

Table 90. Novonesis Enzyme Preparations for Biofuel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 91. Novonesis Main Business

Table 92. Novonesis Latest Developments

Table 93. IFF Basic Information, Enzyme Preparations for Biofuel Manufacturing Base, Sales Area and Its Competitors

Table 94. IFF Enzyme Preparations for Biofuel Product Portfolios and Specifications

Table 95. IFF Enzyme Preparations for Biofuel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 96. IFF Main Business

Table 97. IFF Latest Developments

Table 98. Lallemand Basic Information, Enzyme Preparations for Biofuel Manufacturing Base, Sales Area and Its Competitors

Table 99. Lallemand Enzyme Preparations for Biofuel Product Portfolios and Specifications

Table 100. Lallemand Enzyme Preparations for Biofuel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 101. Lallemand Main Business

Table 102. Lallemand Latest Developments

Table 103. Kemin Industries Basic Information, Enzyme Preparations for Biofuel Manufacturing Base, Sales Area and Its Competitors

Table 104. Kemin Industries Enzyme Preparations for Biofuel Product Portfolios and Specifications

Table 105. Kemin Industries Enzyme Preparations for Biofuel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 106. Kemin Industries Main Business

Table 107. Kemin Industries Latest Developments

Table 108. Advanced Enzyme Technologies Basic Information, Enzyme Preparations for Biofuel Manufacturing Base, Sales Area and Its Competitors

Table 109. Advanced Enzyme Technologies Enzyme Preparations for Biofuel Product Portfolios and Specifications

Table 110. Advanced Enzyme Technologies Enzyme Preparations for Biofuel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 111. Advanced Enzyme Technologies Main Business

Table 112. Advanced Enzyme Technologies Latest Developments

Table 113. Guangdong VTR Bio-Tech Basic Information, Enzyme Preparations for Biofuel Manufacturing Base, Sales Area and Its Competitors

Table 114. Guangdong VTR Bio-Tech Enzyme Preparations for Biofuel Product Portfolios and Specifications

Table 115. Guangdong VTR Bio-Tech Enzyme Preparations for Biofuel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 116. Guangdong VTR Bio-Tech Main Business

Table 117. Guangdong VTR Bio-Tech Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Enzyme Preparations for Biofuel
- Figure 2. Enzyme Preparations for Biofuel Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Enzyme Preparations for Biofuel Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Enzyme Preparations for Biofuel Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Enzyme Preparations for Biofuel Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Enzyme Preparations for Biofuel Sales Market Share by Country/Region (2025)
- Figure 10. Enzyme Preparations for Biofuel Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Starch Hydrolyzing Enzymes
- Figure 12. Product Picture of Cellulose-Degrading Enzymes
- Figure 13. Product Picture of Lipases
- Figure 14. Global Enzyme Preparations for Biofuel Sales Market Share by Type in 2026
- Figure 15. Global Enzyme Preparations for Biofuel Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Liquid
- Figure 17. Product Picture of Dry Powder
- Figure 18. Global Enzyme Preparations for Biofuel Sales Market Share by Product Form in 2026
- Figure 19. Global Enzyme Preparations for Biofuel Revenue Market Share by Product Form (2021-2026)
- Figure 20. Product Picture of Enzyme Preparations for Liquefaction
- Figure 21. Product Picture of Enzyme Preparations for Saccharification
- Figure 22. Product Picture of Enzyme Preparations for Cellulose Conversion
- Figure 23. Global Enzyme Preparations for Biofuel Sales Market Share by Process Stages in 2026
- Figure 24. Global Enzyme Preparations for Biofuel Revenue Market Share by Process Stages (2021-2026)
- Figure 25. Enzyme Preparations for Biofuel Consumed in Ethanol
- Figure 26. Global Enzyme Preparations for Biofuel Market: Ethanol (2021-2026) &

(Tons)

Figure 27. Enzyme Preparations for Biofuel Consumed in Biodiesel

Figure 28. Global Enzyme Preparations for Biofuel Market: Biodiesel (2021-2026) & (Tons)

Figure 29. Enzyme Preparations for Biofuel Consumed in Other

Figure 30. Global Enzyme Preparations for Biofuel Market: Other (2021-2026) & (Tons)

Figure 31. Global Enzyme Preparations for Biofuel Sale Market Share by Application (2025)

Figure 32. Global Enzyme Preparations for Biofuel Revenue Market Share by Application in 2025

Figure 33. Enzyme Preparations for Biofuel Sales by Company in 2025 (Tons)

Figure 34. Global Enzyme Preparations for Biofuel Sales Market Share by Company in 2025

Figure 35. Enzyme Preparations for Biofuel Revenue by Company in 2025 (\$ millions)

Figure 36. Global Enzyme Preparations for Biofuel Revenue Market Share by Company in 2025

Figure 37. Global Enzyme Preparations for Biofuel Sales Market Share by Geographic Region (2021-2026)

Figure 38. Global Enzyme Preparations for Biofuel Revenue Market Share by Geographic Region in 2025

Figure 39. Americas Enzyme Preparations for Biofuel Sales 2021-2026 (Tons)

Figure 40. Americas Enzyme Preparations for Biofuel Revenue 2021-2026 (\$ millions)

Figure 41. APAC Enzyme Preparations for Biofuel Sales 2021-2026 (Tons)

Figure 42. APAC Enzyme Preparations for Biofuel Revenue 2021-2026 (\$ millions)

Figure 43. Europe Enzyme Preparations for Biofuel Sales 2021-2026 (Tons)

Figure 44. Europe Enzyme Preparations for Biofuel Revenue 2021-2026 (\$ millions)

Figure 45. Middle East & Africa Enzyme Preparations for Biofuel Sales 2021-2026 (Tons)

Figure 46. Middle East & Africa Enzyme Preparations for Biofuel Revenue 2021-2026 (\$ millions)

Figure 47. Americas Enzyme Preparations for Biofuel Sales Market Share by Country in 2025

Figure 48. Americas Enzyme Preparations for Biofuel Revenue Market Share by Country (2021-2026)

Figure 49. Americas Enzyme Preparations for Biofuel Sales Market Share by Type (2021-2026)

Figure 50. Americas Enzyme Preparations for Biofuel Sales Market Share by Application (2021-2026)

Figure 51. United States Enzyme Preparations for Biofuel Revenue Growth 2021-2026

(\$ millions)

Figure 52. Canada Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 53. Mexico Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 54. Brazil Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 55. APAC Enzyme Preparations for Biofuel Sales Market Share by Region in 2025

Figure 56. APAC Enzyme Preparations for Biofuel Revenue Market Share by Region (2021-2026)

Figure 57. APAC Enzyme Preparations for Biofuel Sales Market Share by Type (2021-2026)

Figure 58. APAC Enzyme Preparations for Biofuel Sales Market Share by Application (2021-2026)

Figure 59. China Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 60. Japan Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 61. South Korea Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 62. Southeast Asia Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 63. India Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 64. Australia Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 65. China Taiwan Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 66. Europe Enzyme Preparations for Biofuel Sales Market Share by Country in 2025

Figure 67. Europe Enzyme Preparations for Biofuel Revenue Market Share by Country (2021-2026)

Figure 68. Europe Enzyme Preparations for Biofuel Sales Market Share by Type (2021-2026)

Figure 69. Europe Enzyme Preparations for Biofuel Sales Market Share by Application (2021-2026)

Figure 70. Germany Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 71. France Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 72. UK Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 73. Italy Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 74. Russia Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 75. Middle East & Africa Enzyme Preparations for Biofuel Sales Market Share by Country (2021-2026)

Figure 76. Middle East & Africa Enzyme Preparations for Biofuel Sales Market Share by Type (2021-2026)

Figure 77. Middle East & Africa Enzyme Preparations for Biofuel Sales Market Share by Application (2021-2026)

Figure 78. Egypt Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 79. South Africa Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 80. Israel Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 81. Turkey Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 82. GCC Countries Enzyme Preparations for Biofuel Revenue Growth 2021-2026 (\$ millions)

Figure 83. Manufacturing Cost Structure Analysis of Enzyme Preparations for Biofuel in 2026

Figure 84. Manufacturing Process Analysis of Enzyme Preparations for Biofuel

Figure 85. Industry Chain Structure of Enzyme Preparations for Biofuel

Figure 86. Channels of Distribution

Figure 87. Global Enzyme Preparations for Biofuel Sales Market Forecast by Region (2027-2032)

Figure 88. Global Enzyme Preparations for Biofuel Revenue Market Share Forecast by Region (2027-2032)

Figure 89. Global Enzyme Preparations for Biofuel Sales Market Share Forecast by Type (2027-2032)

Figure 90. Global Enzyme Preparations for Biofuel Revenue Market Share Forecast by Type (2027-2032)

Figure 91. Global Enzyme Preparations for Biofuel Sales Market Share Forecast by Application (2027-2032)

Figure 92. Global Enzyme Preparations for Biofuel Revenue Market Share Forecast by

Application (2027-2032)

I would like to order

Product name: Global Enzyme Preparations for Biofuel Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G619D0692B8EEN.html>

Price: US\$ 3,660.00 (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/G619D0692B8EEN.html>