

# Global Bio-deinking Enzyme Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/B9B7E417856CEN.html>

Date: May 2025

Pages: 168

Price: US\$ 3,200.00 (Single User License)

ID: B9B7E417856CEN

## Abstracts

### Report Overview

Bio-deinking enzyme is made by modern biotechnology, with a variety of highly targeted and efficient bio-enzymes. It is used in combination with special additives for enzyme activation and is suitable for deinking mixed office waste paper, newspapers and magazines, etc. It can significantly improve the deposition of stickies in the papermaking process.

This report provides a deep insight into the global Bio-deinking Enzyme market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Bio-deinking Enzyme Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Bio-deinking Enzyme market in any manner.

Global Bio-deinking Enzyme Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### **Key Company**

Novozymes  
DuPont  
AB Enzymes  
Buckman  
Advanced Enzyme Technologies  
Enzymatic Deinking Technologies  
Noor Enzymes  
APC  
Shandong Lonct Enzymes  
Guangdong Vtr Bio-Tech  
Qingdao Vland Biotech  
CJ BIO  
Leveking Biotech  
Sukehan(Weifang)Bio-Engineering

### **Market Segmentation (by Type)**

Liquid Deinking Enzyme  
Solid Deinking Enzyme

### **Market Segmentation (by Application)**

Printing Paper  
Packaging Paper  
Others

### **Geographic Segmentation**

North America (USA, Canada, Mexico)  
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)  
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)  
South America (Brazil, Argentina, Columbia, Rest of South America)  
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of

MEA)

**Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Bio-deinking Enzyme Market

Overview of the regional outlook of the Bio-deinking Enzyme Market:

**Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

**Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Bio-deinking Enzyme Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help

readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Bio-deinking Enzyme, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Bio-deinking Enzyme
- 1.2 Key Market Segments
  - 1.2.1 Bio-deinking Enzyme Segment by Type
  - 1.2.2 Bio-deinking Enzyme Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 BIO-DEINKING ENZYME MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Bio-deinking Enzyme Market Size (M USD) Estimates and Forecasts (2020-2033)
  - 2.1.2 Global Bio-deinking Enzyme Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 BIO-DEINKING ENZYME MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Bio-deinking Enzyme Product Life Cycle
- 3.3 Global Bio-deinking Enzyme Sales by Manufacturers (2020-2025)
- 3.4 Global Bio-deinking Enzyme Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Bio-deinking Enzyme Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Bio-deinking Enzyme Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Bio-deinking Enzyme Market Competitive Situation and Trends
  - 3.8.1 Bio-deinking Enzyme Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Bio-deinking Enzyme Players Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

### **4 BIO-DEINKING ENZYME INDUSTRY CHAIN ANALYSIS**

- 4.1 Bio-deinking Enzyme Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF BIO-DEINKING ENZYME MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Bio-deinking Enzyme Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Bio-deinking Enzyme Market
- 5.7 ESG Ratings of Leading Companies

## **6 BIO-DEINKING ENZYME MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Bio-deinking Enzyme Sales Market Share by Type (2020-2025)
- 6.3 Global Bio-deinking Enzyme Market Size Market Share by Type (2020-2025)
- 6.4 Global Bio-deinking Enzyme Price by Type (2020-2025)

## **7 BIO-DEINKING ENZYME MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Bio-deinking Enzyme Market Sales by Application (2020-2025)
- 7.3 Global Bio-deinking Enzyme Market Size (M USD) by Application (2020-2025)

## 7.4 Global Bio-deinking Enzyme Sales Growth Rate by Application (2020-2025)

# 8 BIO-DEINKING ENZYME MARKET SALES BY REGION

## 8.1 Global Bio-deinking Enzyme Sales by Region

### 8.1.1 Global Bio-deinking Enzyme Sales by Region

### 8.1.2 Global Bio-deinking Enzyme Sales Market Share by Region

## 8.2 Global Bio-deinking Enzyme Market Size by Region

### 8.2.1 Global Bio-deinking Enzyme Market Size by Region

### 8.2.2 Global Bio-deinking Enzyme Market Size Market Share by Region

## 8.3 North America

### 8.3.1 North America Bio-deinking Enzyme Sales by Country

### 8.3.2 North America Bio-deinking Enzyme Market Size by Country

### 8.3.3 U.S. Market Overview

### 8.3.4 Canada Market Overview

### 8.3.5 Mexico Market Overview

## 8.4 Europe

### 8.4.1 Europe Bio-deinking Enzyme Sales by Country

### 8.4.2 Europe Bio-deinking Enzyme Market Size by Country

### 8.4.3 Germany Market Overview

### 8.4.4 France Market Overview

### 8.4.5 U.K. Market Overview

### 8.4.6 Italy Market Overview

### 8.4.7 Spain Market Overview

## 8.5 Asia Pacific

### 8.5.1 Asia Pacific Bio-deinking Enzyme Sales by Region

### 8.5.2 Asia Pacific Bio-deinking Enzyme Market Size by Region

### 8.5.3 China Market Overview

### 8.5.4 Japan Market Overview

### 8.5.5 South Korea Market Overview

### 8.5.6 India Market Overview

### 8.5.7 Southeast Asia Market Overview

## 8.6 South America

### 8.6.1 South America Bio-deinking Enzyme Sales by Country

### 8.6.2 South America Bio-deinking Enzyme Market Size by Country

### 8.6.3 Brazil Market Overview

### 8.6.4 Argentina Market Overview

### 8.6.5 Columbia Market Overview

## 8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Bio-deinking Enzyme Sales by Region
- 8.7.2 Middle East and Africa Bio-deinking Enzyme Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

## **9 BIO-DEINKING ENZYME MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Bio-deinking Enzyme by Region(2020-2025)
- 9.2 Global Bio-deinking Enzyme Revenue Market Share by Region (2020-2025)
- 9.3 Global Bio-deinking Enzyme Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Bio-deinking Enzyme Production
  - 9.4.1 North America Bio-deinking Enzyme Production Growth Rate (2020-2025)
  - 9.4.2 North America Bio-deinking Enzyme Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Bio-deinking Enzyme Production
  - 9.5.1 Europe Bio-deinking Enzyme Production Growth Rate (2020-2025)
  - 9.5.2 Europe Bio-deinking Enzyme Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Bio-deinking Enzyme Production (2020-2025)
  - 9.6.1 Japan Bio-deinking Enzyme Production Growth Rate (2020-2025)
  - 9.6.2 Japan Bio-deinking Enzyme Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Bio-deinking Enzyme Production (2020-2025)
  - 9.7.1 China Bio-deinking Enzyme Production Growth Rate (2020-2025)
  - 9.7.2 China Bio-deinking Enzyme Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

- 10.1 Novozymes
  - 10.1.1 Novozymes Basic Information
  - 10.1.2 Novozymes Bio-deinking Enzyme Product Overview
  - 10.1.3 Novozymes Bio-deinking Enzyme Product Market Performance
  - 10.1.4 Novozymes Business Overview
  - 10.1.5 Novozymes SWOT Analysis

- 10.1.6 Novozymes Recent Developments
- 10.2 DuPont
  - 10.2.1 DuPont Basic Information
  - 10.2.2 DuPont Bio-deinking Enzyme Product Overview
  - 10.2.3 DuPont Bio-deinking Enzyme Product Market Performance
  - 10.2.4 DuPont Business Overview
  - 10.2.5 DuPont SWOT Analysis
  - 10.2.6 DuPont Recent Developments
- 10.3 AB Enzymes
  - 10.3.1 AB Enzymes Basic Information
  - 10.3.2 AB Enzymes Bio-deinking Enzyme Product Overview
  - 10.3.3 AB Enzymes Bio-deinking Enzyme Product Market Performance
  - 10.3.4 AB Enzymes Business Overview
  - 10.3.5 AB Enzymes SWOT Analysis
  - 10.3.6 AB Enzymes Recent Developments
- 10.4 Buckman
  - 10.4.1 Buckman Basic Information
  - 10.4.2 Buckman Bio-deinking Enzyme Product Overview
  - 10.4.3 Buckman Bio-deinking Enzyme Product Market Performance
  - 10.4.4 Buckman Business Overview
  - 10.4.5 Buckman Recent Developments
- 10.5 Advanced Enzyme Technologies
  - 10.5.1 Advanced Enzyme Technologies Basic Information
  - 10.5.2 Advanced Enzyme Technologies Bio-deinking Enzyme Product Overview
  - 10.5.3 Advanced Enzyme Technologies Bio-deinking Enzyme Product Market Performance
  - 10.5.4 Advanced Enzyme Technologies Business Overview
  - 10.5.5 Advanced Enzyme Technologies Recent Developments
- 10.6 Enzymatic Deinking Technologies
  - 10.6.1 Enzymatic Deinking Technologies Basic Information
  - 10.6.2 Enzymatic Deinking Technologies Bio-deinking Enzyme Product Overview
  - 10.6.3 Enzymatic Deinking Technologies Bio-deinking Enzyme Product Market Performance
  - 10.6.4 Enzymatic Deinking Technologies Business Overview
  - 10.6.5 Enzymatic Deinking Technologies Recent Developments
- 10.7 Noor Enzymes
  - 10.7.1 Noor Enzymes Basic Information
  - 10.7.2 Noor Enzymes Bio-deinking Enzyme Product Overview
  - 10.7.3 Noor Enzymes Bio-deinking Enzyme Product Market Performance

- 10.7.4 Noor Enzymes Business Overview
- 10.7.5 Noor Enzymes Recent Developments
- 10.8 APC
  - 10.8.1 APC Basic Information
  - 10.8.2 APC Bio-deinking Enzyme Product Overview
  - 10.8.3 APC Bio-deinking Enzyme Product Market Performance
  - 10.8.4 APC Business Overview
  - 10.8.5 APC Recent Developments
- 10.9 Shandong Lonct Enzymes
  - 10.9.1 Shandong Lonct Enzymes Basic Information
  - 10.9.2 Shandong Lonct Enzymes Bio-deinking Enzyme Product Overview
  - 10.9.3 Shandong Lonct Enzymes Bio-deinking Enzyme Product Market Performance
  - 10.9.4 Shandong Lonct Enzymes Business Overview
  - 10.9.5 Shandong Lonct Enzymes Recent Developments
- 10.10 Guangdong Vtr Bio-Tech
  - 10.10.1 Guangdong Vtr Bio-Tech Basic Information
  - 10.10.2 Guangdong Vtr Bio-Tech Bio-deinking Enzyme Product Overview
  - 10.10.3 Guangdong Vtr Bio-Tech Bio-deinking Enzyme Product Market Performance
  - 10.10.4 Guangdong Vtr Bio-Tech Business Overview
  - 10.10.5 Guangdong Vtr Bio-Tech Recent Developments
- 10.11 Qingdao Vland Biotech
  - 10.11.1 Qingdao Vland Biotech Basic Information
  - 10.11.2 Qingdao Vland Biotech Bio-deinking Enzyme Product Overview
  - 10.11.3 Qingdao Vland Biotech Bio-deinking Enzyme Product Market Performance
  - 10.11.4 Qingdao Vland Biotech Business Overview
  - 10.11.5 Qingdao Vland Biotech Recent Developments
- 10.12 CJ BIO
  - 10.12.1 CJ BIO Basic Information
  - 10.12.2 CJ BIO Bio-deinking Enzyme Product Overview
  - 10.12.3 CJ BIO Bio-deinking Enzyme Product Market Performance
  - 10.12.4 CJ BIO Business Overview
  - 10.12.5 CJ BIO Recent Developments
- 10.13 Leveking Biotech
  - 10.13.1 Leveking Biotech Basic Information
  - 10.13.2 Leveking Biotech Bio-deinking Enzyme Product Overview
  - 10.13.3 Leveking Biotech Bio-deinking Enzyme Product Market Performance
  - 10.13.4 Leveking Biotech Business Overview
  - 10.13.5 Leveking Biotech Recent Developments
- 10.14 Sukehan(Weifang)Bio-Engineering

- 10.14.1 Sukehan(Weifang)Bio-Engineering Basic Information
- 10.14.2 Sukehan(Weifang)Bio-Engineering Bio-deinking Enzyme Product Overview
- 10.14.3 Sukehan(Weifang)Bio-Engineering Bio-deinking Enzyme Product Market Performance
- 10.14.4 Sukehan(Weifang)Bio-Engineering Business Overview
- 10.14.5 Sukehan(Weifang)Bio-Engineering Recent Developments

## **11 BIO-DEINKING ENZYME MARKET FORECAST BY REGION**

- 11.1 Global Bio-deinking Enzyme Market Size Forecast
- 11.2 Global Bio-deinking Enzyme Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Bio-deinking Enzyme Market Size Forecast by Country
  - 11.2.3 Asia Pacific Bio-deinking Enzyme Market Size Forecast by Region
  - 11.2.4 South America Bio-deinking Enzyme Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Bio-deinking Enzyme by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)**

- 12.1 Global Bio-deinking Enzyme Market Forecast by Type (2026-2033)
  - 12.1.1 Global Forecasted Sales of Bio-deinking Enzyme by Type (2026-2033)
  - 12.1.2 Global Bio-deinking Enzyme Market Size Forecast by Type (2026-2033)
  - 12.1.3 Global Forecasted Price of Bio-deinking Enzyme by Type (2026-2033)
- 12.2 Global Bio-deinking Enzyme Market Forecast by Application (2026-2033)
  - 12.2.1 Global Bio-deinking Enzyme Sales (K Units) Forecast by Application
  - 12.2.2 Global Bio-deinking Enzyme Market Size (M USD) Forecast by Application (2026-2033)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Bio-deinking Enzyme Market Size Comparison by Region (M USD)

Table 5. Global Bio-deinking Enzyme Sales (K Units) by Manufacturers (2020-2025)

Table 6. Global Bio-deinking Enzyme Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Bio-deinking Enzyme Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Bio-deinking Enzyme Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Bio-deinking Enzyme as of 2024)

Table 10. Global Market Bio-deinking Enzyme Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Bio-deinking Enzyme Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Bio-deinking Enzyme Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Bio-deinking Enzyme Sales by Type (K Units)

Table 26. Global Bio-deinking Enzyme Market Size by Type (M USD)

Table 27. Global Bio-deinking Enzyme Sales (K Units) by Type (2020-2025)

Table 28. Global Bio-deinking Enzyme Sales Market Share by Type (2020-2025)

Table 29. Global Bio-deinking Enzyme Market Size (M USD) by Type (2020-2025)

Table 30. Global Bio-deinking Enzyme Market Size Share by Type (2020-2025)

- Table 31. Global Bio-deinking Enzyme Price (USD/Unit) by Type (2020-2025)
- Table 32. Global Bio-deinking Enzyme Sales (K Units) by Application
- Table 33. Global Bio-deinking Enzyme Market Size by Application
- Table 34. Global Bio-deinking Enzyme Sales by Application (2020-2025) & (K Units)
- Table 35. Global Bio-deinking Enzyme Sales Market Share by Application (2020-2025)
- Table 36. Global Bio-deinking Enzyme Market Size by Application (2020-2025) & (M USD)
- Table 37. Global Bio-deinking Enzyme Market Share by Application (2020-2025)
- Table 38. Global Bio-deinking Enzyme Sales Growth Rate by Application (2020-2025)
- Table 39. Global Bio-deinking Enzyme Sales by Region (2020-2025) & (K Units)
- Table 40. Global Bio-deinking Enzyme Sales Market Share by Region (2020-2025)
- Table 41. Global Bio-deinking Enzyme Market Size by Region (2020-2025) & (M USD)
- Table 42. Global Bio-deinking Enzyme Market Size Market Share by Region (2020-2025)
- Table 43. North America Bio-deinking Enzyme Sales by Country (2020-2025) & (K Units)
- Table 44. North America Bio-deinking Enzyme Market Size by Country (2020-2025) & (M USD)
- Table 45. Europe Bio-deinking Enzyme Sales by Country (2020-2025) & (K Units)
- Table 46. Europe Bio-deinking Enzyme Market Size by Country (2020-2025) & (M USD)
- Table 47. Asia Pacific Bio-deinking Enzyme Sales by Region (2020-2025) & (K Units)
- Table 48. Asia Pacific Bio-deinking Enzyme Market Size by Region (2020-2025) & (M USD)
- Table 49. South America Bio-deinking Enzyme Sales by Country (2020-2025) & (K Units)
- Table 50. South America Bio-deinking Enzyme Market Size by Country (2020-2025) & (M USD)
- Table 51. Middle East and Africa Bio-deinking Enzyme Sales by Region (2020-2025) & (K Units)
- Table 52. Middle East and Africa Bio-deinking Enzyme Market Size by Region (2020-2025) & (M USD)
- Table 53. Global Bio-deinking Enzyme Production (K Units) by Region(2020-2025)
- Table 54. Global Bio-deinking Enzyme Revenue (US\$ Million) by Region (2020-2025)
- Table 55. Global Bio-deinking Enzyme Revenue Market Share by Region (2020-2025)
- Table 56. Global Bio-deinking Enzyme Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 57. North America Bio-deinking Enzyme Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. Europe Bio-deinking Enzyme Production (K Units), Revenue (US\$ Million),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Japan Bio-deinking Enzyme Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. China Bio-deinking Enzyme Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. Novozymes Basic Information

Table 62. Novozymes Bio-deinking Enzyme Product Overview

Table 63. Novozymes Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Novozymes Business Overview

Table 65. Novozymes SWOT Analysis

Table 66. Novozymes Recent Developments

Table 67. DuPont Basic Information

Table 68. DuPont Bio-deinking Enzyme Product Overview

Table 69. DuPont Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. DuPont Business Overview

Table 71. DuPont SWOT Analysis

Table 72. DuPont Recent Developments

Table 73. AB Enzymes Basic Information

Table 74. AB Enzymes Bio-deinking Enzyme Product Overview

Table 75. AB Enzymes Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. AB Enzymes Business Overview

Table 77. AB Enzymes SWOT Analysis

Table 78. AB Enzymes Recent Developments

Table 79. Buckman Basic Information

Table 80. Buckman Bio-deinking Enzyme Product Overview

Table 81. Buckman Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. Buckman Business Overview

Table 83. Buckman Recent Developments

Table 84. Advanced Enzyme Technologies Basic Information

Table 85. Advanced Enzyme Technologies Bio-deinking Enzyme Product Overview

Table 86. Advanced Enzyme Technologies Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 87. Advanced Enzyme Technologies Business Overview

Table 88. Advanced Enzyme Technologies Recent Developments

Table 89. Enzymatic Deinking Technologies Basic Information

- Table 90. Enzymatic Deinking Technologies Bio-deinking Enzyme Product Overview
- Table 91. Enzymatic Deinking Technologies Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 92. Enzymatic Deinking Technologies Business Overview
- Table 93. Enzymatic Deinking Technologies Recent Developments
- Table 94. Noor Enzymes Basic Information
- Table 95. Noor Enzymes Bio-deinking Enzyme Product Overview
- Table 96. Noor Enzymes Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 97. Noor Enzymes Business Overview
- Table 98. Noor Enzymes Recent Developments
- Table 99. APC Basic Information
- Table 100. APC Bio-deinking Enzyme Product Overview
- Table 101. APC Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 102. APC Business Overview
- Table 103. APC Recent Developments
- Table 104. Shandong Lonct Enzymes Basic Information
- Table 105. Shandong Lonct Enzymes Bio-deinking Enzyme Product Overview
- Table 106. Shandong Lonct Enzymes Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 107. Shandong Lonct Enzymes Business Overview
- Table 108. Shandong Lonct Enzymes Recent Developments
- Table 109. Guangdong Vtr Bio-Tech Basic Information
- Table 110. Guangdong Vtr Bio-Tech Bio-deinking Enzyme Product Overview
- Table 111. Guangdong Vtr Bio-Tech Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 112. Guangdong Vtr Bio-Tech Business Overview
- Table 113. Guangdong Vtr Bio-Tech Recent Developments
- Table 114. Qingdao Vland Biotech Basic Information
- Table 115. Qingdao Vland Biotech Bio-deinking Enzyme Product Overview
- Table 116. Qingdao Vland Biotech Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 117. Qingdao Vland Biotech Business Overview
- Table 118. Qingdao Vland Biotech Recent Developments
- Table 119. CJ BIO Basic Information
- Table 120. CJ BIO Bio-deinking Enzyme Product Overview
- Table 121. CJ BIO Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

- Table 122. CJ BIO Business Overview
- Table 123. CJ BIO Recent Developments
- Table 124. Leveking Biotech Basic Information
- Table 125. Leveking Biotech Bio-deinking Enzyme Product Overview
- Table 126. Leveking Biotech Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 127. Leveking Biotech Business Overview
- Table 128. Leveking Biotech Recent Developments
- Table 129. Sukehan(Weifang)Bio-Engineering Basic Information
- Table 130. Sukehan(Weifang)Bio-Engineering Bio-deinking Enzyme Product Overview
- Table 131. Sukehan(Weifang)Bio-Engineering Bio-deinking Enzyme Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 132. Sukehan(Weifang)Bio-Engineering Business Overview
- Table 133. Sukehan(Weifang)Bio-Engineering Recent Developments
- Table 134. Global Bio-deinking Enzyme Sales Forecast by Region (2026-2033) & (K Units)
- Table 135. Global Bio-deinking Enzyme Market Size Forecast by Region (2026-2033) & (M USD)
- Table 136. North America Bio-deinking Enzyme Sales Forecast by Country (2026-2033) & (K Units)
- Table 137. North America Bio-deinking Enzyme Market Size Forecast by Country (2026-2033) & (M USD)
- Table 138. Europe Bio-deinking Enzyme Sales Forecast by Country (2026-2033) & (K Units)
- Table 139. Europe Bio-deinking Enzyme Market Size Forecast by Country (2026-2033) & (M USD)
- Table 140. Asia Pacific Bio-deinking Enzyme Sales Forecast by Region (2026-2033) & (K Units)
- Table 141. Asia Pacific Bio-deinking Enzyme Market Size Forecast by Region (2026-2033) & (M USD)
- Table 142. South America Bio-deinking Enzyme Sales Forecast by Country (2026-2033) & (K Units)
- Table 143. South America Bio-deinking Enzyme Market Size Forecast by Country (2026-2033) & (M USD)
- Table 144. Middle East and Africa Bio-deinking Enzyme Sales Forecast by Country (2026-2033) & (Units)
- Table 145. Middle East and Africa Bio-deinking Enzyme Market Size Forecast by Country (2026-2033) & (M USD)
- Table 146. Global Bio-deinking Enzyme Sales Forecast by Type (2026-2033) & (K

Units)

Table 147. Global Bio-deinking Enzyme Market Size Forecast by Type (2026-2033) & (M USD)

Table 148. Global Bio-deinking Enzyme Price Forecast by Type (2026-2033) & (USD/Unit)

Table 149. Global Bio-deinking Enzyme Sales (K Units) Forecast by Application (2026-2033)

Table 150. Global Bio-deinking Enzyme Market Size Forecast by Application (2026-2033) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Bio-deinking Enzyme
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Bio-deinking Enzyme Market Size (M USD), 2024-2033
- Figure 5. Global Bio-deinking Enzyme Market Size (M USD) (2020-2033)
- Figure 6. Global Bio-deinking Enzyme Sales (K Units) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Bio-deinking Enzyme Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Bio-deinking Enzyme Product Life Cycle
- Figure 13. Bio-deinking Enzyme Sales Share by Manufacturers in 2024
- Figure 14. Global Bio-deinking Enzyme Revenue Share by Manufacturers in 2024
- Figure 15. Bio-deinking Enzyme Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Bio-deinking Enzyme Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Bio-deinking Enzyme Revenue in 2024
- Figure 18. Industry Chain Map of Bio-deinking Enzyme
- Figure 19. Global Bio-deinking Enzyme Market PEST Analysis
- Figure 20. Global Bio-deinking Enzyme Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Bio-deinking Enzyme Market Share by Type
- Figure 27. Sales Market Share of Bio-deinking Enzyme by Type (2020-2025)
- Figure 28. Sales Market Share of Bio-deinking Enzyme by Type in 2024
- Figure 29. Market Size Share of Bio-deinking Enzyme by Type (2020-2025)
- Figure 30. Market Size Share of Bio-deinking Enzyme by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Bio-deinking Enzyme Market Share by Application

Figure 33. Global Bio-deinking Enzyme Sales Market Share by Application (2020-2025)

Figure 34. Global Bio-deinking Enzyme Sales Market Share by Application in 2024

Figure 35. Global Bio-deinking Enzyme Market Share by Application (2020-2025)

Figure 36. Global Bio-deinking Enzyme Market Share by Application in 2024

Figure 37. Global Bio-deinking Enzyme Sales Growth Rate by Application (2020-2025)

Figure 38. Global Bio-deinking Enzyme Sales Market Share by Region (2020-2025)

Figure 39. Global Bio-deinking Enzyme Market Size Market Share by Region (2020-2025)

Figure 40. North America Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Bio-deinking Enzyme Sales Market Share by Country in 2024

Figure 43. North America Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Bio-deinking Enzyme Market Size Market Share by Country in 2024

Figure 45. U.S. Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Bio-deinking Enzyme Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Bio-deinking Enzyme Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Bio-deinking Enzyme Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Bio-deinking Enzyme Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Bio-deinking Enzyme Sales Market Share by Country in 2024

Figure 53. Europe Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Bio-deinking Enzyme Market Size Market Share by Country in 2024

Figure 55. Germany Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) &

(M USD)

Figure 59. U.K. Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Bio-deinking Enzyme Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Bio-deinking Enzyme Sales Market Share by Region in 2024

Figure 67. Asia Pacific Bio-deinking Enzyme Market Size Market Share by Region in 2024

Figure 68. China Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Bio-deinking Enzyme Sales and Growth Rate (K Units)

Figure 79. South America Bio-deinking Enzyme Sales Market Share by Country in 2024

Figure 80. South America Bio-deinking Enzyme Market Size and Growth Rate (M USD)

Figure 81. South America Bio-deinking Enzyme Market Size Market Share by Country in 2024

Figure 82. Brazil Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Bio-deinking Enzyme Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Bio-deinking Enzyme Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Bio-deinking Enzyme Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Bio-deinking Enzyme Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Bio-deinking Enzyme Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Bio-deinking Enzyme Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Bio-deinking Enzyme Production Market Share by Region (2020-2025)

Figure 103. North America Bio-deinking Enzyme Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Bio-deinking Enzyme Production (K Units) Growth Rate

(2020-2025)

Figure 105. Japan Bio-deinking Enzyme Production (K Units) Growth Rate (2020-2025)

Figure 106. China Bio-deinking Enzyme Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Bio-deinking Enzyme Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global Bio-deinking Enzyme Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Bio-deinking Enzyme Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Bio-deinking Enzyme Market Share Forecast by Type (2026-2033)

Figure 111. Global Bio-deinking Enzyme Sales Forecast by Application (2026-2033)

Figure 112. Global Bio-deinking Enzyme Market Share Forecast by Application (2026-2033)

## I would like to order

Product name: Global Bio-deinking Enzyme Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/B9B7E417856CEN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B9B7E417856CEN.html>