

# Global Polyhydroxyalkanoates PHAs Market Research Report 2023(Status and Outlook)

<https://marketpublishers.com/r/G7B8B790323AEN.html>

Date: May 2023

Pages: 124

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

ID: G7B8B790323AEN

## Abstracts

### Report Overview

Polyhydroxyalkanoates (PHAs) are naturally-occurring polymers produced by bacteria. A variety of bacterial species produce PHAs by fermenting biomass under nutrient-limiting conditions. These water-insoluble storage polymers are biodegradable, exhibit thermoplastic properties and can be produced from renewable carbon sources found in plants. The thermoplastic properties, biodegradability and biocompatibility make these renewable materials suitable for several applications in packaging industry, medicine, pharmacy, agriculture and food industry.

Bosson Research's latest report provides a deep insight into the global Polyhydroxyalkanoates PHAs 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, Porter's five forces 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 Polyhydroxyalkanoates PHAs 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 Polyhydroxyalkanoates PHAs market in any manner.

Global Polyhydroxyalkanoates PHAs 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

GreenBio Materials

Shenzhen Ecomann Technology

MHG

P&G Chemicals

Metabolix

Tian'an Biopolymer

Kaneka

Biomer

Newlight Technologies

PHB Industrial

Market Segmentation (by Type)

PHB

PHBV

PHBHx

PHB4B

Others

Market Segmentation (by Application)

Men

Women

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 Polyhydroxyalkanoates PHAs Market  
Overview of the regional outlook of the Polyhydroxyalkanoates PHAs Market:

#### 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 (USD Billion) 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.  
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 Polyhydroxyalkanoates PHAs 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 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

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

1.1 Market Definition and Statistical Scope of Polyhydroxyalkanoates PHAs

1.2 Key Market Segments

1.2.1 Polyhydroxyalkanoates PHAs Segment by Type

1.2.2 Polyhydroxyalkanoates PHAs 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 POLYHYDROXYALKANOATES PHAS MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Polyhydroxyalkanoates PHAs Market Size (M USD) Estimates and Forecasts (2018-2029)

2.1.2 Global Polyhydroxyalkanoates PHAs Sales Estimates and Forecasts (2018-2029)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 POLYHYDROXYALKANOATES PHAS MARKET COMPETITIVE LANDSCAPE**

3.1 Global Polyhydroxyalkanoates PHAs Sales by Manufacturers (2018-2023)

3.2 Global Polyhydroxyalkanoates PHAs Revenue Market Share by Manufacturers (2018-2023)

3.3 Polyhydroxyalkanoates PHAs Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Polyhydroxyalkanoates PHAs Average Price by Manufacturers (2018-2023)

3.5 Manufacturers Polyhydroxyalkanoates PHAs Sales Sites, Area Served, Product Type

3.6 Polyhydroxyalkanoates PHAs Market Competitive Situation and Trends

3.6.1 Polyhydroxyalkanoates PHAs Market Concentration Rate

3.6.2 Global 5 and 10 Largest Polyhydroxyalkanoates PHAs Players Market Share by Revenue

### 3.6.3 Mergers & Acquisitions, Expansion

## **4 POLYHYDROXYALKANOATES PHAS INDUSTRY CHAIN ANALYSIS**

### 4.1 Polyhydroxyalkanoates PHAs 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 POLYHYDROXYALKANOATES PHAS MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Market Restraints

### 5.5 Industry News

#### 5.5.1 New Product Developments

#### 5.5.2 Mergers & Acquisitions

#### 5.5.3 Expansions

#### 5.5.4 Collaboration/Supply Contracts

### 5.6 Industry Policies

## **6 POLYHYDROXYALKANOATES PHAS MARKET SEGMENTATION BY TYPE**

### 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

### 6.2 Global Polyhydroxyalkanoates PHAs Sales Market Share by Type (2018-2023)

### 6.3 Global Polyhydroxyalkanoates PHAs Market Size Market Share by Type (2018-2023)

### 6.4 Global Polyhydroxyalkanoates PHAs Price by Type (2018-2023)

## **7 POLYHYDROXYALKANOATES PHAS MARKET SEGMENTATION BY APPLICATION**

### 7.1 Evaluation Matrix of Segment Market Development Potential (Application)

### 7.2 Global Polyhydroxyalkanoates PHAs Market Sales by Application (2018-2023)

### 7.3 Global Polyhydroxyalkanoates PHAs Market Size (M USD) by Application (2018-2023)

### 7.4 Global Polyhydroxyalkanoates PHAs Sales Growth Rate by Application (2018-2023)

## **8 POLYHYDROXYALKANOATES PHAS MARKET SEGMENTATION BY REGION**

### 8.1 Global Polyhydroxyalkanoates PHAs Sales by Region

#### 8.1.1 Global Polyhydroxyalkanoates PHAs Sales by Region

#### 8.1.2 Global Polyhydroxyalkanoates PHAs Sales Market Share by Region

### 8.2 North America

#### 8.2.1 North America Polyhydroxyalkanoates PHAs Sales by Country

#### 8.2.2 U.S.

#### 8.2.3 Canada

#### 8.2.4 Mexico

### 8.3 Europe

#### 8.3.1 Europe Polyhydroxyalkanoates PHAs Sales by Country

#### 8.3.2 Germany

#### 8.3.3 France

#### 8.3.4 U.K.

#### 8.3.5 Italy

#### 8.3.6 Russia

### 8.4 Asia Pacific

#### 8.4.1 Asia Pacific Polyhydroxyalkanoates PHAs Sales by Region

#### 8.4.2 China

#### 8.4.3 Japan

#### 8.4.4 South Korea

#### 8.4.5 India

#### 8.4.6 Southeast Asia

### 8.5 South America

#### 8.5.1 South America Polyhydroxyalkanoates PHAs Sales by Country

#### 8.5.2 Brazil

#### 8.5.3 Argentina

#### 8.5.4 Columbia

### 8.6 Middle East and Africa

#### 8.6.1 Middle East and Africa Polyhydroxyalkanoates PHAs Sales by Region

#### 8.6.2 Saudi Arabia

#### 8.6.3 UAE

#### 8.6.4 Egypt

#### 8.6.5 Nigeria

#### 8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

## 9.1 GreenBio Materials

- 9.1.1 GreenBio Materials Polyhydroxyalkanoates PHAs Basic Information
- 9.1.2 GreenBio Materials Polyhydroxyalkanoates PHAs Product Overview
- 9.1.3 GreenBio Materials Polyhydroxyalkanoates PHAs Product Market Performance
- 9.1.4 GreenBio Materials Business Overview
- 9.1.5 GreenBio Materials Polyhydroxyalkanoates PHAs SWOT Analysis
- 9.1.6 GreenBio Materials Recent Developments

## 9.2 Shenzhen Ecomann Technology

- 9.2.1 Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs Basic Information
- 9.2.2 Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs Product Overview
- 9.2.3 Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs Product Market Performance
- 9.2.4 Shenzhen Ecomann Technology Business Overview
- 9.2.5 Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs SWOT Analysis
- 9.2.6 Shenzhen Ecomann Technology Recent Developments

## 9.3 MHG

- 9.3.1 MHG Polyhydroxyalkanoates PHAs Basic Information
- 9.3.2 MHG Polyhydroxyalkanoates PHAs Product Overview
- 9.3.3 MHG Polyhydroxyalkanoates PHAs Product Market Performance
- 9.3.4 MHG Business Overview
- 9.3.5 MHG Polyhydroxyalkanoates PHAs SWOT Analysis
- 9.3.6 MHG Recent Developments

## 9.4 Pandamp;G Chemicals

- 9.4.1 Pandamp;G Chemicals Polyhydroxyalkanoates PHAs Basic Information
- 9.4.2 Pandamp;G Chemicals Polyhydroxyalkanoates PHAs Product Overview
- 9.4.3 Pandamp;G Chemicals Polyhydroxyalkanoates PHAs Product Market Performance
- 9.4.4 Pandamp;G Chemicals Business Overview
- 9.4.5 Pandamp;G Chemicals Polyhydroxyalkanoates PHAs SWOT Analysis
- 9.4.6 Pandamp;G Chemicals Recent Developments

## 9.5 Metabolix

- 9.5.1 Metabolix Polyhydroxyalkanoates PHAs Basic Information
- 9.5.2 Metabolix Polyhydroxyalkanoates PHAs Product Overview
- 9.5.3 Metabolix Polyhydroxyalkanoates PHAs Product Market Performance
- 9.5.4 Metabolix Business Overview
- 9.5.5 Metabolix Polyhydroxyalkanoates PHAs SWOT Analysis
- 9.5.6 Metabolix Recent Developments

## 9.6 Tian'an Biopolymer

- 9.6.1 Tian'an Biopolymer Polyhydroxyalkanoates PHAs Basic Information
- 9.6.2 Tian'an Biopolymer Polyhydroxyalkanoates PHAs Product Overview
- 9.6.3 Tian'an Biopolymer Polyhydroxyalkanoates PHAs Product Market Performance
- 9.6.4 Tian'an Biopolymer Business Overview
- 9.6.5 Tian'an Biopolymer Recent Developments

## 9.7 Kaneka

- 9.7.1 Kaneka Polyhydroxyalkanoates PHAs Basic Information
- 9.7.2 Kaneka Polyhydroxyalkanoates PHAs Product Overview
- 9.7.3 Kaneka Polyhydroxyalkanoates PHAs Product Market Performance
- 9.7.4 Kaneka Business Overview
- 9.7.5 Kaneka Recent Developments

## 9.8 Biomer

- 9.8.1 Biomer Polyhydroxyalkanoates PHAs Basic Information
- 9.8.2 Biomer Polyhydroxyalkanoates PHAs Product Overview
- 9.8.3 Biomer Polyhydroxyalkanoates PHAs Product Market Performance
- 9.8.4 Biomer Business Overview
- 9.8.5 Biomer Recent Developments

## 9.9 Newlight Technologies

- 9.9.1 Newlight Technologies Polyhydroxyalkanoates PHAs Basic Information
- 9.9.2 Newlight Technologies Polyhydroxyalkanoates PHAs Product Overview
- 9.9.3 Newlight Technologies Polyhydroxyalkanoates PHAs Product Market Performance
- 9.9.4 Newlight Technologies Business Overview
- 9.9.5 Newlight Technologies Recent Developments

## 9.10 PHB Industrial

- 9.10.1 PHB Industrial Polyhydroxyalkanoates PHAs Basic Information
- 9.10.2 PHB Industrial Polyhydroxyalkanoates PHAs Product Overview
- 9.10.3 PHB Industrial Polyhydroxyalkanoates PHAs Product Market Performance
- 9.10.4 PHB Industrial Business Overview
- 9.10.5 PHB Industrial Recent Developments

## **10 POLYHYDROXYALKANOATES PHAS MARKET FORECAST BY REGION**

### 10.1 Global Polyhydroxyalkanoates PHAs Market Size Forecast

### 10.2 Global Polyhydroxyalkanoates PHAs Market Forecast by Region

- 10.2.1 North America Market Size Forecast by Country
- 10.2.2 Europe Polyhydroxyalkanoates PHAs Market Size Forecast by Country
- 10.2.3 Asia Pacific Polyhydroxyalkanoates PHAs Market Size Forecast by Region

- 10.2.4 South America Polyhydroxyalkanoates PHAs Market Size Forecast by Country
- 10.2.5 Middle East and Africa Forecasted Consumption of Polyhydroxyalkanoates PHAs by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2024-2029)**

### 11.1 Global Polyhydroxyalkanoates PHAs Market Forecast by Type (2024-2029)

#### 11.1.1 Global Forecasted Sales of Polyhydroxyalkanoates PHAs by Type (2024-2029)

#### 11.1.2 Global Polyhydroxyalkanoates PHAs Market Size Forecast by Type (2024-2029)

#### 11.1.3 Global Forecasted Price of Polyhydroxyalkanoates PHAs by Type (2024-2029)

### 11.2 Global Polyhydroxyalkanoates PHAs Market Forecast by Application (2024-2029)

#### 11.2.1 Global Polyhydroxyalkanoates PHAs Sales (K MT) Forecast by Application

#### 11.2.2 Global Polyhydroxyalkanoates PHAs Market Size (M USD) Forecast by Application (2024-2029)

## **12 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. Polyhydroxyalkanoates PHAs Market Size Comparison by Region (M USD)

Table 5. Global Polyhydroxyalkanoates PHAs Sales (K MT) by Manufacturers  
(2018-2023)

Table 6. Global Polyhydroxyalkanoates PHAs Sales Market Share by Manufacturers  
(2018-2023)

Table 7. Global Polyhydroxyalkanoates PHAs Revenue (M USD) by Manufacturers  
(2018-2023)

Table 8. Global Polyhydroxyalkanoates PHAs Revenue Share by Manufacturers  
(2018-2023)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in  
Polyhydroxyalkanoates PHAs as of 2022)

Table 10. Global Market Polyhydroxyalkanoates PHAs Average Price (USD/MT) of Key  
Manufacturers (2018-2023)

Table 11. Manufacturers Polyhydroxyalkanoates PHAs Sales Sites and Area Served

Table 12. Manufacturers Polyhydroxyalkanoates PHAs Product Type

Table 13. Global Polyhydroxyalkanoates PHAs Manufacturers Market Concentration  
Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Polyhydroxyalkanoates PHAs

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Polyhydroxyalkanoates PHAs Market Challenges

Table 22. Market Restraints

Table 23. Global Polyhydroxyalkanoates PHAs Sales by Type (K MT)

Table 24. Global Polyhydroxyalkanoates PHAs Market Size by Type (M USD)

Table 25. Global Polyhydroxyalkanoates PHAs Sales (K MT) by Type (2018-2023)

Table 26. Global Polyhydroxyalkanoates PHAs Sales Market Share by Type  
(2018-2023)

Table 27. Global Polyhydroxyalkanoates PHAs Market Size (M USD) by Type

(2018-2023)

Table 28. Global Polyhydroxyalkanoates PHAs Market Size Share by Type (2018-2023)

Table 29. Global Polyhydroxyalkanoates PHAs Price (USD/MT) by Type (2018-2023)

Table 30. Global Polyhydroxyalkanoates PHAs Sales (K MT) by Application

Table 31. Global Polyhydroxyalkanoates PHAs Market Size by Application

Table 32. Global Polyhydroxyalkanoates PHAs Sales by Application (2018-2023) & (K MT)

Table 33. Global Polyhydroxyalkanoates PHAs Sales Market Share by Application (2018-2023)

Table 34. Global Polyhydroxyalkanoates PHAs Sales by Application (2018-2023) & (M USD)

Table 35. Global Polyhydroxyalkanoates PHAs Market Share by Application (2018-2023)

Table 36. Global Polyhydroxyalkanoates PHAs Sales Growth Rate by Application (2018-2023)

Table 37. Global Polyhydroxyalkanoates PHAs Sales by Region (2018-2023) & (K MT)

Table 38. Global Polyhydroxyalkanoates PHAs Sales Market Share by Region (2018-2023)

Table 39. North America Polyhydroxyalkanoates PHAs Sales by Country (2018-2023) & (K MT)

Table 40. Europe Polyhydroxyalkanoates PHAs Sales by Country (2018-2023) & (K MT)

Table 41. Asia Pacific Polyhydroxyalkanoates PHAs Sales by Region (2018-2023) & (K MT)

Table 42. South America Polyhydroxyalkanoates PHAs Sales by Country (2018-2023) & (K MT)

Table 43. Middle East and Africa Polyhydroxyalkanoates PHAs Sales by Region (2018-2023) & (K MT)

Table 44. GreenBio Materials Polyhydroxyalkanoates PHAs Basic Information

Table 45. GreenBio Materials Polyhydroxyalkanoates PHAs Product Overview

Table 46. GreenBio Materials Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 47. GreenBio Materials Business Overview

Table 48. GreenBio Materials Polyhydroxyalkanoates PHAs SWOT Analysis

Table 49. GreenBio Materials Recent Developments

Table 50. Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs Basic Information

Table 51. Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs Product Overview

Table 52. Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs Sales (K MT),

Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 53. Shenzhen Ecomann Technology Business Overview

Table 54. Shenzhen Ecomann Technology Polyhydroxyalkanoates PHAs SWOT Analysis

Table 55. Shenzhen Ecomann Technology Recent Developments

Table 56. MHG Polyhydroxyalkanoates PHAs Basic Information

Table 57. MHG Polyhydroxyalkanoates PHAs Product Overview

Table 58. MHG Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 59. MHG Business Overview

Table 60. MHG Polyhydroxyalkanoates PHAs SWOT Analysis

Table 61. MHG Recent Developments

Table 62. Pandamp;G Chemicals Polyhydroxyalkanoates PHAs Basic Information

Table 63. Pandamp;G Chemicals Polyhydroxyalkanoates PHAs Product Overview

Table 64. Pandamp;G Chemicals Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 65. Pandamp;G Chemicals Business Overview

Table 66. Pandamp;G Chemicals Polyhydroxyalkanoates PHAs SWOT Analysis

Table 67. Pandamp;G Chemicals Recent Developments

Table 68. Metabolix Polyhydroxyalkanoates PHAs Basic Information

Table 69. Metabolix Polyhydroxyalkanoates PHAs Product Overview

Table 70. Metabolix Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 71. Metabolix Business Overview

Table 72. Metabolix Polyhydroxyalkanoates PHAs SWOT Analysis

Table 73. Metabolix Recent Developments

Table 74. Tian'an Biopolymer Polyhydroxyalkanoates PHAs Basic Information

Table 75. Tian'an Biopolymer Polyhydroxyalkanoates PHAs Product Overview

Table 76. Tian'an Biopolymer Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 77. Tian'an Biopolymer Business Overview

Table 78. Tian'an Biopolymer Recent Developments

Table 79. Kaneka Polyhydroxyalkanoates PHAs Basic Information

Table 80. Kaneka Polyhydroxyalkanoates PHAs Product Overview

Table 81. Kaneka Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)

Table 82. Kaneka Business Overview

Table 83. Kaneka Recent Developments

Table 84. Biomer Polyhydroxyalkanoates PHAs Basic Information

- Table 85. Biomer Polyhydroxyalkanoates PHAs Product Overview
- Table 86. Biomer Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)
- Table 87. Biomer Business Overview
- Table 88. Biomer Recent Developments
- Table 89. Newlight Technologies Polyhydroxyalkanoates PHAs Basic Information
- Table 90. Newlight Technologies Polyhydroxyalkanoates PHAs Product Overview
- Table 91. Newlight Technologies Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)
- Table 92. Newlight Technologies Business Overview
- Table 93. Newlight Technologies Recent Developments
- Table 94. PHB Industrial Polyhydroxyalkanoates PHAs Basic Information
- Table 95. PHB Industrial Polyhydroxyalkanoates PHAs Product Overview
- Table 96. PHB Industrial Polyhydroxyalkanoates PHAs Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2018-2023)
- Table 97. PHB Industrial Business Overview
- Table 98. PHB Industrial Recent Developments
- Table 99. Global Polyhydroxyalkanoates PHAs Sales Forecast by Region (2024-2029) & (K MT)
- Table 100. Global Polyhydroxyalkanoates PHAs Market Size Forecast by Region (2024-2029) & (M USD)
- Table 101. North America Polyhydroxyalkanoates PHAs Sales Forecast by Country (2024-2029) & (K MT)
- Table 102. North America Polyhydroxyalkanoates PHAs Market Size Forecast by Country (2024-2029) & (M USD)
- Table 103. Europe Polyhydroxyalkanoates PHAs Sales Forecast by Country (2024-2029) & (K MT)
- Table 104. Europe Polyhydroxyalkanoates PHAs Market Size Forecast by Country (2024-2029) & (M USD)
- Table 105. Asia Pacific Polyhydroxyalkanoates PHAs Sales Forecast by Region (2024-2029) & (K MT)
- Table 106. Asia Pacific Polyhydroxyalkanoates PHAs Market Size Forecast by Region (2024-2029) & (M USD)
- Table 107. South America Polyhydroxyalkanoates PHAs Sales Forecast by Country (2024-2029) & (K MT)
- Table 108. South America Polyhydroxyalkanoates PHAs Market Size Forecast by Country (2024-2029) & (M USD)
- Table 109. Middle East and Africa Polyhydroxyalkanoates PHAs Consumption Forecast by Country (2024-2029) & (Units)

Table 110. Middle East and Africa Polyhydroxyalkanoates PHAs Market Size Forecast by Country (2024-2029) & (M USD)

Table 111. Global Polyhydroxyalkanoates PHAs Sales Forecast by Type (2024-2029) & (K MT)

Table 112. Global Polyhydroxyalkanoates PHAs Market Size Forecast by Type (2024-2029) & (M USD)

Table 113. Global Polyhydroxyalkanoates PHAs Price Forecast by Type (2024-2029) & (USD/MT)

Table 114. Global Polyhydroxyalkanoates PHAs Sales (K MT) Forecast by Application (2024-2029)

Table 115. Global Polyhydroxyalkanoates PHAs Market Size Forecast by Application (2024-2029) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Polyhydroxyalkanoates PHAs

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Polyhydroxyalkanoates PHAs Market Size (M USD), 2018-2029

Figure 5. Global Polyhydroxyalkanoates PHAs Market Size (M USD) (2018-2029)

Figure 6. Global Polyhydroxyalkanoates PHAs Sales (K MT) & (2018-2029)

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. Polyhydroxyalkanoates PHAs Market Size by Country (M USD)

Figure 11. Polyhydroxyalkanoates PHAs Sales Share by Manufacturers in 2022

Figure 12. Global Polyhydroxyalkanoates PHAs Revenue Share by Manufacturers in 2022

Figure 13. Polyhydroxyalkanoates PHAs Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2018 Vs 2022

Figure 14. Global Market Polyhydroxyalkanoates PHAs Average Price (USD/MT) of Key Manufacturers in 2022

Figure 15. The Global 5 and 10 Largest Players: Market Share by Polyhydroxyalkanoates PHAs Revenue in 2022

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Polyhydroxyalkanoates PHAs Market Share by Type

Figure 18. Sales Market Share of Polyhydroxyalkanoates PHAs by Type (2018-2023)

Figure 19. Sales Market Share of Polyhydroxyalkanoates PHAs by Type in 2022

Figure 20. Market Size Share of Polyhydroxyalkanoates PHAs by Type (2018-2023)

Figure 21. Market Size Market Share of Polyhydroxyalkanoates PHAs by Type in 2022

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Polyhydroxyalkanoates PHAs Market Share by Application

Figure 24. Global Polyhydroxyalkanoates PHAs Sales Market Share by Application (2018-2023)

Figure 25. Global Polyhydroxyalkanoates PHAs Sales Market Share by Application in 2022

Figure 26. Global Polyhydroxyalkanoates PHAs Market Share by Application (2018-2023)

Figure 27. Global Polyhydroxyalkanoates PHAs Market Share by Application in 2022

Figure 28. Global Polyhydroxyalkanoates PHAs Sales Growth Rate by Application

(2018-2023)

Figure 29. Global Polyhydroxyalkanoates PHAs Sales Market Share by Region

(2018-2023)

Figure 30. North America Polyhydroxyalkanoates PHAs Sales and Growth Rate

(2018-2023) & (K MT)

Figure 31. North America Polyhydroxyalkanoates PHAs Sales Market Share by Country in 2022

Figure 32. U.S. Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 33. Canada Polyhydroxyalkanoates PHAs Sales (K MT) and Growth Rate (2018-2023)

Figure 34. Mexico Polyhydroxyalkanoates PHAs Sales (Units) and Growth Rate (2018-2023)

Figure 35. Europe Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 36. Europe Polyhydroxyalkanoates PHAs Sales Market Share by Country in 2022

Figure 37. Germany Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 38. France Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 39. U.K. Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 40. Italy Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 41. Russia Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 42. Asia Pacific Polyhydroxyalkanoates PHAs Sales and Growth Rate (K MT)

Figure 43. Asia Pacific Polyhydroxyalkanoates PHAs Sales Market Share by Region in 2022

Figure 44. China Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 45. Japan Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 46. South Korea Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 47. India Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 48. Southeast Asia Polyhydroxyalkanoates PHAs Sales and Growth Rate

(2018-2023) & (K MT)

Figure 49. South America Polyhydroxyalkanoates PHAs Sales and Growth Rate (K MT)

Figure 50. South America Polyhydroxyalkanoates PHAs Sales Market Share by Country in 2022

Figure 51. Brazil Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 52. Argentina Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 53. Columbia Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 54. Middle East and Africa Polyhydroxyalkanoates PHAs Sales and Growth Rate (K MT)

Figure 55. Middle East and Africa Polyhydroxyalkanoates PHAs Sales Market Share by Region in 2022

Figure 56. Saudi Arabia Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 57. UAE Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 58. Egypt Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 59. Nigeria Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 60. South Africa Polyhydroxyalkanoates PHAs Sales and Growth Rate (2018-2023) & (K MT)

Figure 61. Global Polyhydroxyalkanoates PHAs Sales Forecast by Volume (2018-2029) & (K MT)

Figure 62. Global Polyhydroxyalkanoates PHAs Market Size Forecast by Value (2018-2029) & (M USD)

Figure 63. Global Polyhydroxyalkanoates PHAs Sales Market Share Forecast by Type (2024-2029)

Figure 64. Global Polyhydroxyalkanoates PHAs Market Share Forecast by Type (2024-2029)

Figure 65. Global Polyhydroxyalkanoates PHAs Sales Forecast by Application (2024-2029)

Figure 66. Global Polyhydroxyalkanoates PHAs Market Share Forecast by Application (2024-2029)

## I would like to order

Product name: Global Polyhydroxyalkanoates PHAs Market Research Report 2023(Status and Outlook)

Product link: <https://marketpublishers.com/r/G7B8B790323AEN.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/G7B8B790323AEN.html>