

Global Biodegradable Magnesium Alloy Material Market Research Report 2026(Status and Outlook)

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Abstracts

Biodegradable Magnesium Alloy Materials are widely used in the field of oil extraction, underground tools sealed ball material, the use of soluble magnesium alloy manufacturing fracturing construction tools, tools in the work after the completion of their own work in the underground ablation, and then mixed in the liquid through the pipeline anti-discharge , Can be completely degraded, there is no easy card astringent, blocking the channel problem, thus eliminating the need for drilling recovery process, reduce the project difficulty, improve the construction efficiency.

The global Biodegradable Magnesium Alloy Material market size was estimated at USD 127.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 4.70% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Biodegradable Magnesium Alloy Material market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Biodegradable Magnesium Alloy Material market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and

operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Biodegradable Magnesium Alloy Material market.

Global Biodegradable Magnesium Alloy Material Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Luxfer
Terves
Wingoil
Five Star Downhole
Meifu Technology
Baohuifeng
Kunfugroup
Special Magnesium
Galvotec
Dome Metals
Yuhua

Market Segmentation (by Type)

Chloride Dissolved
Low Chloride Dissolved

Market Segmentation (by Application)

Balls/Spheres
Tubes and Bars
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 Biodegradable Magnesium Alloy Material Market
Overview of the regional outlook of the Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material, 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

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Biodegradable Magnesium Alloy Material

1.2 Key Market Segments

1.2.1 Biodegradable Magnesium Alloy Material Segment by Type

1.2.2 Biodegradable Magnesium Alloy Material 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 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Biodegradable Magnesium Alloy Material Market Size (M USD) Estimates and Forecasts (2020-2035)

2.1.2 Global Biodegradable Magnesium Alloy Material Sales Estimates and Forecasts (2020-2035)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Biodegradable Magnesium Alloy Material Product Life Cycle

3.3 Global Biodegradable Magnesium Alloy Material Sales by Manufacturers (2020-2025)

3.4 Global Biodegradable Magnesium Alloy Material Revenue Market Share by Manufacturers (2020-2025)

3.5 Biodegradable Magnesium Alloy Material Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Biodegradable Magnesium Alloy Material Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Biodegradable Magnesium Alloy Material Market Competitive Situation and Trends

3.8.1 Biodegradable Magnesium Alloy Material Market Concentration Rate

3.8.2 Global 5 and 10 Largest Biodegradable Magnesium Alloy Material Players

Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL INDUSTRY CHAIN ANALYSIS

4.1 Biodegradable Magnesium Alloy Material 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 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL 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 Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material Market

5.7 ESG Ratings of Leading Companies

6 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET SEGMENTATION

BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Biodegradable Magnesium Alloy Material Sales Market Share by Type (2020-2025)
- 6.3 Global Biodegradable Magnesium Alloy Material Market Size by Type (2020-2025)
- 6.4 Global Biodegradable Magnesium Alloy Material Price by Type (2020-2025)

7 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Biodegradable Magnesium Alloy Material Market Sales by Application (2020-2025)
- 7.3 Global Biodegradable Magnesium Alloy Material Market Size (M USD) by Application (2020-2025)
- 7.4 Global Biodegradable Magnesium Alloy Material Sales Growth Rate by Application (2020-2025)

8 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET SALES BY REGION

- 8.1 Global Biodegradable Magnesium Alloy Material Sales by Region
 - 8.1.1 Global Biodegradable Magnesium Alloy Material Sales by Region
 - 8.1.2 Global Biodegradable Magnesium Alloy Material Sales Market Share by Region
- 8.2 Global Biodegradable Magnesium Alloy Material Market Size by Region
 - 8.2.1 Global Biodegradable Magnesium Alloy Material Market Size by Region
 - 8.2.2 Global Biodegradable Magnesium Alloy Material Market Size by Region
- 8.3 North America
 - 8.3.1 North America Biodegradable Magnesium Alloy Material Sales by Country
 - 8.3.2 North America Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material Sales by Country
 - 8.4.2 Europe Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material Sales by Region

8.5.2 Asia Pacific Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material Sales by Country

8.6.2 South America Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material Sales by Region

8.7.2 Middle East and Africa Biodegradable Magnesium Alloy Material 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 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET PRODUCTION BY REGION

9.1 Global Production of Biodegradable Magnesium Alloy Material by Region(2020-2025)

9.2 Global Biodegradable Magnesium Alloy Material Revenue Market Share by Region (2020-2025)

9.3 Global Biodegradable Magnesium Alloy Material Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Biodegradable Magnesium Alloy Material Production

9.4.1 North America Biodegradable Magnesium Alloy Material Production Growth Rate

(2020-2025)

9.4.2 North America Biodegradable Magnesium Alloy Material Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Biodegradable Magnesium Alloy Material Production

9.5.1 Europe Biodegradable Magnesium Alloy Material Production Growth Rate (2020-2025)

9.5.2 Europe Biodegradable Magnesium Alloy Material Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Biodegradable Magnesium Alloy Material Production (2020-2025)

9.6.1 Japan Biodegradable Magnesium Alloy Material Production Growth Rate (2020-2025)

9.6.2 Japan Biodegradable Magnesium Alloy Material Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Biodegradable Magnesium Alloy Material Production (2020-2025)

9.7.1 China Biodegradable Magnesium Alloy Material Production Growth Rate (2020-2025)

9.7.2 China Biodegradable Magnesium Alloy Material Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Luxfer

10.1.1 Luxfer Basic Information

10.1.2 Luxfer Biodegradable Magnesium Alloy Material Product Overview

10.1.3 Luxfer Biodegradable Magnesium Alloy Material Product Market Performance

10.1.4 Luxfer Business Overview

10.1.5 Luxfer SWOT Analysis

10.1.6 Luxfer Recent Developments

10.2 Terves

10.2.1 Terves Basic Information

10.2.2 Terves Biodegradable Magnesium Alloy Material Product Overview

10.2.3 Terves Biodegradable Magnesium Alloy Material Product Market Performance

10.2.4 Terves Business Overview

10.2.5 Terves SWOT Analysis

10.2.6 Terves Recent Developments

10.3 Wingoil

10.3.1 Wingoil Basic Information

10.3.2 Wingoil Biodegradable Magnesium Alloy Material Product Overview

10.3.3 Wingoil Biodegradable Magnesium Alloy Material Product Market Performance

- 10.3.4 Wingoil Business Overview
- 10.3.5 Wingoil SWOT Analysis
- 10.3.6 Wingoil Recent Developments
- 10.4 Five Star Downhole
 - 10.4.1 Five Star Downhole Basic Information
 - 10.4.2 Five Star Downhole Biodegradable Magnesium Alloy Material Product Overview
 - 10.4.3 Five Star Downhole Biodegradable Magnesium Alloy Material Product Market Performance
 - 10.4.4 Five Star Downhole Business Overview
 - 10.4.5 Five Star Downhole Recent Developments
- 10.5 Meifu Technology
 - 10.5.1 Meifu Technology Basic Information
 - 10.5.2 Meifu Technology Biodegradable Magnesium Alloy Material Product Overview
 - 10.5.3 Meifu Technology Biodegradable Magnesium Alloy Material Product Market Performance
 - 10.5.4 Meifu Technology Business Overview
 - 10.5.5 Meifu Technology Recent Developments
- 10.6 Baohuifeng
 - 10.6.1 Baohuifeng Basic Information
 - 10.6.2 Baohuifeng Biodegradable Magnesium Alloy Material Product Overview
 - 10.6.3 Baohuifeng Biodegradable Magnesium Alloy Material Product Market Performance
 - 10.6.4 Baohuifeng Business Overview
 - 10.6.5 Baohuifeng Recent Developments
- 10.7 Kunfugroup
 - 10.7.1 Kunfugroup Basic Information
 - 10.7.2 Kunfugroup Biodegradable Magnesium Alloy Material Product Overview
 - 10.7.3 Kunfugroup Biodegradable Magnesium Alloy Material Product Market Performance
 - 10.7.4 Kunfugroup Business Overview
 - 10.7.5 Kunfugroup Recent Developments
- 10.8 Special Magnesium
 - 10.8.1 Special Magnesium Basic Information
 - 10.8.2 Special Magnesium Biodegradable Magnesium Alloy Material Product Overview
 - 10.8.3 Special Magnesium Biodegradable Magnesium Alloy Material Product Market Performance
 - 10.8.4 Special Magnesium Business Overview
 - 10.8.5 Special Magnesium Recent Developments
- 10.9 Galvotec

10.9.1 Galvotec Basic Information

10.9.2 Galvotec Biodegradable Magnesium Alloy Material Product Overview

10.9.3 Galvotec Biodegradable Magnesium Alloy Material Product Market

Performance

10.9.4 Galvotec Business Overview

10.9.5 Galvotec Recent Developments

10.10 Dome Metals

10.10.1 Dome Metals Basic Information

10.10.2 Dome Metals Biodegradable Magnesium Alloy Material Product Overview

10.10.3 Dome Metals Biodegradable Magnesium Alloy Material Product Market

Performance

10.10.4 Dome Metals Business Overview

10.10.5 Dome Metals Recent Developments

10.11 Yuhua

10.11.1 Yuhua Basic Information

10.11.2 Yuhua Biodegradable Magnesium Alloy Material Product Overview

10.11.3 Yuhua Biodegradable Magnesium Alloy Material Product Market Performance

10.11.4 Yuhua Business Overview

10.11.5 Yuhua Recent Developments

11 BIODEGRADABLE MAGNESIUM ALLOY MATERIAL MARKET FORECAST BY REGION

11.1 Global Biodegradable Magnesium Alloy Material Market Size Forecast

11.2 Global Biodegradable Magnesium Alloy Material Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Biodegradable Magnesium Alloy Material Market Size Forecast by Country

11.2.3 Asia Pacific Biodegradable Magnesium Alloy Material Market Size Forecast by Region

11.2.4 South America Biodegradable Magnesium Alloy Material Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Biodegradable Magnesium Alloy Material by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Biodegradable Magnesium Alloy Material Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Biodegradable Magnesium Alloy Material by Type (2026-2035)

12.1.2 Global Biodegradable Magnesium Alloy Material Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Biodegradable Magnesium Alloy Material by Type (2026-2035)

12.2 Global Biodegradable Magnesium Alloy Material Market Forecast by Application (2026-2035)

12.2.1 Global Biodegradable Magnesium Alloy Material Sales (K MT) Forecast by Application

12.2.2 Global Biodegradable Magnesium Alloy Material Market Size (M USD) Forecast by Application (2026-2035)

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. Global Biodegradable Magnesium Alloy Material Market Size by Type (M USD)

Table 4. Global Biodegradable Magnesium Alloy Material Market Size by Application

Table 5. Biodegradable Magnesium Alloy Material Market Size Comparison by Region (M USD)

Table 6. Global Biodegradable Magnesium Alloy Material Sales (K MT) by Manufacturers (2020-2025)

Table 7. Global Biodegradable Magnesium Alloy Material Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Biodegradable Magnesium Alloy Material Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Biodegradable Magnesium Alloy Material Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Biodegradable Magnesium Alloy Material as of 2025)

Table 11. Global Market Biodegradable Magnesium Alloy Material Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Biodegradable Magnesium Alloy Material Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

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. Biodegradable Magnesium Alloy Material Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Biodegradable Magnesium Alloy Material Sales by Type (K MT)

Table 27. Global Biodegradable Magnesium Alloy Material Market Size by Type (M USD)

Table 28. Global Biodegradable Magnesium Alloy Material Sales (K MT) by Type (2020-2025)

Table 29. Global Biodegradable Magnesium Alloy Material Sales Market Share by Type (2020-2025)

Table 30. Global Biodegradable Magnesium Alloy Material Market Size (M USD) by Type (2020-2025)

Table 31. Global Biodegradable Magnesium Alloy Material Market Share by Type (2020-2025)

Table 32. Global Biodegradable Magnesium Alloy Material Price (USD/KG) by Type (2020-2025)

Table 33. Global Biodegradable Magnesium Alloy Material Sales (K MT) by Application

Table 34. Global Biodegradable Magnesium Alloy Material Market Size by Application

Table 35. Global Biodegradable Magnesium Alloy Material Sales by Application (2020-2025) & (K MT)

Table 36. Global Biodegradable Magnesium Alloy Material Sales Market Share by Application (2020-2025)

Table 37. Global Biodegradable Magnesium Alloy Material Market Size by Application (2020-2025) & (M USD)

Table 38. Global Biodegradable Magnesium Alloy Material Market Share by Application (2020-2025)

Table 39. Global Biodegradable Magnesium Alloy Material Sales Growth Rate by Application (2020-2025)

Table 40. Global Biodegradable Magnesium Alloy Material Sales by Region (2020-2025) & (K MT)

Table 41. Global Biodegradable Magnesium Alloy Material Sales Market Share by Region (2020-2025)

Table 42. Global Biodegradable Magnesium Alloy Material Market Size by Region (2020-2025) & (M USD)

Table 43. Global Biodegradable Magnesium Alloy Material Market Size by Region (2020-2025)

Table 44. North America Biodegradable Magnesium Alloy Material Sales by Country (2020-2025) & (K MT)

Table 45. North America Biodegradable Magnesium Alloy Material Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Biodegradable Magnesium Alloy Material Sales by Country (2020-2025) & (K MT)

Table 47. Europe Biodegradable Magnesium Alloy Material Market Size by Country

(2020-2025) & (M USD)

Table 48. Asia Pacific Biodegradable Magnesium Alloy Material Sales by Region

(2020-2025) & (K MT)

Table 49. Asia Pacific Biodegradable Magnesium Alloy Material Market Size by Region

(2020-2025) & (M USD)

Table 50. South America Biodegradable Magnesium Alloy Material Sales by Country

(2020-2025) & (K MT)

Table 51. South America Biodegradable Magnesium Alloy Material Market Size by

Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Biodegradable Magnesium Alloy Material Sales by

Region (2020-2025) & (K MT)

Table 53. Middle East and Africa Biodegradable Magnesium Alloy Material Market Size

by Region (2020-2025) & (M USD)

Table 54. Global Biodegradable Magnesium Alloy Material Production (K MT) by

Region(2020-2025)

Table 55. Global Biodegradable Magnesium Alloy Material Revenue (US\$ Million) by

Region (2020-2025)

Table 56. Global Biodegradable Magnesium Alloy Material Revenue Market Share by

Region (2020-2025)

Table 57. Global Biodegradable Magnesium Alloy Material Production (K MT), Revenue

(US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. North America Biodegradable Magnesium Alloy Material Production (K MT),

Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Europe Biodegradable Magnesium Alloy Material Production (K MT),

Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. Japan Biodegradable Magnesium Alloy Material Production (K MT), Revenue

(US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. China Biodegradable Magnesium Alloy Material Production (K MT), Revenue

(US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 62. Luxfer Basic Information

Table 63. Luxfer Biodegradable Magnesium Alloy Material Product Overview

Table 64. Luxfer Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M

USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 65. Luxfer Business Overview

Table 66. Luxfer SWOT Analysis

Table 67. Luxfer Recent Developments

Table 68. Terves Basic Information

Table 69. Terves Biodegradable Magnesium Alloy Material Product Overview

Table 70. Terves Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M

USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 71. Terves Business Overview

Table 72. Terves SWOT Analysis

Table 73. Terves Recent Developments

Table 74. Wingoil Basic Information

Table 75. Wingoil Biodegradable Magnesium Alloy Material Product Overview

Table 76. Wingoil Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 77. Wingoil Business Overview

Table 78. Wingoil SWOT Analysis

Table 79. Wingoil Recent Developments

Table 80. Five Star Downhole Basic Information

Table 81. Five Star Downhole Biodegradable Magnesium Alloy Material Product Overview

Table 82. Five Star Downhole Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 83. Five Star Downhole Business Overview

Table 84. Five Star Downhole Recent Developments

Table 85. Meifu Technology Basic Information

Table 86. Meifu Technology Biodegradable Magnesium Alloy Material Product Overview

Table 87. Meifu Technology Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 88. Meifu Technology Business Overview

Table 89. Meifu Technology Recent Developments

Table 90. Baohuifeng Basic Information

Table 91. Baohuifeng Biodegradable Magnesium Alloy Material Product Overview

Table 92. Baohuifeng Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 93. Baohuifeng Business Overview

Table 94. Baohuifeng Recent Developments

Table 95. Kunfugroup Basic Information

Table 96. Kunfugroup Biodegradable Magnesium Alloy Material Product Overview

Table 97. Kunfugroup Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 98. Kunfugroup Business Overview

Table 99. Kunfugroup Recent Developments

Table 100. Special Magnesium Basic Information

Table 101. Special Magnesium Biodegradable Magnesium Alloy Material Product Overview

Table 102. Special Magnesium Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 103. Special Magnesium Business Overview
Table 104. Special Magnesium Recent Developments
Table 105. Galvotec Basic Information
Table 106. Galvotec Biodegradable Magnesium Alloy Material Product Overview
Table 107. Galvotec Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 108. Galvotec Business Overview
Table 109. Galvotec Recent Developments
Table 110. Dome Metals Basic Information
Table 111. Dome Metals Biodegradable Magnesium Alloy Material Product Overview
Table 112. Dome Metals Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 113. Dome Metals Business Overview
Table 114. Dome Metals Recent Developments
Table 115. Yuhua Basic Information
Table 116. Yuhua Biodegradable Magnesium Alloy Material Product Overview
Table 117. Yuhua Biodegradable Magnesium Alloy Material Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 118. Yuhua Business Overview
Table 119. Yuhua Recent Developments
Table 120. Global Biodegradable Magnesium Alloy Material Sales Forecast by Region (2026-2035) & (K MT)
Table 121. Global Biodegradable Magnesium Alloy Material Market Size Forecast by Region (2026-2035) & (M USD)
Table 122. North America Biodegradable Magnesium Alloy Material Sales Forecast by Country (2026-2035) & (K MT)
Table 123. North America Biodegradable Magnesium Alloy Material Market Size Forecast by Country (2026-2035) & (M USD)
Table 124. Europe Biodegradable Magnesium Alloy Material Sales Forecast by Country (2026-2035) & (K MT)
Table 125. Europe Biodegradable Magnesium Alloy Material Market Size Forecast by Country (2026-2035) & (M USD)
Table 126. Asia Pacific Biodegradable Magnesium Alloy Material Sales Forecast by Region (2026-2035) & (K MT)
Table 127. Asia Pacific Biodegradable Magnesium Alloy Material Market Size Forecast by Region (2026-2035) & (M USD)
Table 128. South America Biodegradable Magnesium Alloy Material Sales Forecast by

Country (2026-2035) & (K MT)

Table 129. South America Biodegradable Magnesium Alloy Material Market Size Forecast by Country (2026-2035) & (M USD)

Table 130. Middle East and Africa Biodegradable Magnesium Alloy Material Sales Forecast by Country (2026-2035) & (Units)

Table 131. Middle East and Africa Biodegradable Magnesium Alloy Material Market Size Forecast by Country (2026-2035) & (M USD)

Table 132. Global Biodegradable Magnesium Alloy Material Sales Forecast by Type (2026-2035) & (K MT)

Table 133. Global Biodegradable Magnesium Alloy Material Market Size Forecast by Type (2026-2035) & (M USD)

Table 134. Global Biodegradable Magnesium Alloy Material Price Forecast by Type (2026-2035) & (USD/KG)

Table 135. Global Biodegradable Magnesium Alloy Material Sales (K MT) Forecast by Application (2026-2035)

Table 136. Global Biodegradable Magnesium Alloy Material Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Biodegradable Magnesium Alloy Material

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Biodegradable Magnesium Alloy Material Market Size (M USD), 2025-2035

Figure 5. Global Biodegradable Magnesium Alloy Material Market Size (M USD) (2020-2035)

Figure 6. Global Biodegradable Magnesium Alloy Material Sales (K MT) & (2020-2035)

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. Biodegradable Magnesium Alloy Material Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Biodegradable Magnesium Alloy Material Product Life Cycle

Figure 13. Biodegradable Magnesium Alloy Material Sales Share by Manufacturers in 2025

Figure 14. Global Biodegradable Magnesium Alloy Material Revenue Share by Manufacturers in 2025

Figure 15. Biodegradable Magnesium Alloy Material Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025

Figure 16. Global Market Biodegradable Magnesium Alloy Material Average Price (USD/KG) of Key Manufacturers in 2025

Figure 17. The Global 5 and 10 Largest Players: Market Share by Biodegradable Magnesium Alloy Material Revenue in 2025

Figure 18. Industry Chain Map of Biodegradable Magnesium Alloy Material

Figure 19. Global Biodegradable Magnesium Alloy Material Market PEST Analysis

Figure 20. Global Biodegradable Magnesium Alloy Material 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 Biodegradable Magnesium Alloy Material Market Share by Type

Figure 27. Sales Market Share of Biodegradable Magnesium Alloy Material by Type

(2020-2025)

Figure 28. Sales Market Share of Biodegradable Magnesium Alloy Material by Type in 2025

Figure 29. Market Share of Biodegradable Magnesium Alloy Material by Type (2020-2025)

Figure 30. Market Share of Biodegradable Magnesium Alloy Material by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Biodegradable Magnesium Alloy Material Market Share by Application

Figure 33. Global Biodegradable Magnesium Alloy Material Sales Market Share by Application (2020-2025)

Figure 34. Global Biodegradable Magnesium Alloy Material Sales Market Share by Application in 2025

Figure 35. Global Biodegradable Magnesium Alloy Material Market Share by Application (2020-2025)

Figure 36. Global Biodegradable Magnesium Alloy Material Market Share by Application in 2025

Figure 37. Global Biodegradable Magnesium Alloy Material Sales Growth Rate by Application (2020-2025)

Figure 38. Global Biodegradable Magnesium Alloy Material Sales Market Share by Region (2020-2025)

Figure 39. Global Biodegradable Magnesium Alloy Material Market Size by Region (2020-2025)

Figure 40. North America Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Biodegradable Magnesium Alloy Material Sales Market Share by Country in 2024

Figure 43. North America Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Biodegradable Magnesium Alloy Material Market Size by Country in 2024

Figure 45. U.S. Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Biodegradable Magnesium Alloy Material Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Biodegradable Magnesium Alloy Material Market Size (M USD) and

Growth Rate (2020-2025)

Figure 49. Mexico Biodegradable Magnesium Alloy Material Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Biodegradable Magnesium Alloy Material Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Biodegradable Magnesium Alloy Material Sales Market Share by Country in 2024

Figure 53. Europe Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Biodegradable Magnesium Alloy Material Market Size by Country in 2024

Figure 55. Germany Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Biodegradable Magnesium Alloy Material Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Biodegradable Magnesium Alloy Material Sales Market Share by Region in 2024

Figure 67. Asia Pacific Biodegradable Magnesium Alloy Material Market Size by Region in 2024

Figure 68. China Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Biodegradable Magnesium Alloy Material Sales and Growth Rate (K MT)

Figure 79. South America Biodegradable Magnesium Alloy Material Sales Market Share by Country in 2024

Figure 80. South America Biodegradable Magnesium Alloy Material Market Size and Growth Rate (M USD)

Figure 81. South America Biodegradable Magnesium Alloy Material Market Size by Country in 2024

Figure 82. Brazil Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Biodegradable Magnesium Alloy Material Market Size and Growth

Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Biodegradable Magnesium Alloy Material Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Biodegradable Magnesium Alloy Material Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Biodegradable Magnesium Alloy Material Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Biodegradable Magnesium Alloy Material Market Size by Region in 2024

Figure 92. Saudi Arabia Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Biodegradable Magnesium Alloy Material Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Biodegradable Magnesium Alloy Material Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Biodegradable Magnesium Alloy Material Production Market Share by Region (2020-2025)

Figure 103. North America Biodegradable Magnesium Alloy Material Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Biodegradable Magnesium Alloy Material Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Biodegradable Magnesium Alloy Material Production (K MT) Growth Rate (2020-2025)

Figure 106. China Biodegradable Magnesium Alloy Material Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Biodegradable Magnesium Alloy Material Sales Forecast by Volume (2020-2035) & (K MT)

Figure 108. Global Biodegradable Magnesium Alloy Material Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Biodegradable Magnesium Alloy Material Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Biodegradable Magnesium Alloy Material Market Share Forecast by Type (2026-2035)

Figure 111. Global Biodegradable Magnesium Alloy Material Sales Forecast by Application (2026-2035)

Figure 112. Global Biodegradable Magnesium Alloy Material Market Share Forecast by Application (2026-2035)

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