

Global Chromium-free Passivation Solution for Magnesium Alloy Market Growth 2025-2031

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Abstracts

The global Chromium-free Passivation Solution for Magnesium Alloy market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Chromium-free passivation solution for magnesium alloy is a compound. Chromate passivation is the most widely used passivation technology for magnesium alloys, but the traditional chromate passivation has the fatal weakness of high toxicity. Therefore, it is of great economic and social significance to study the chromium-free passivation technology with excellent performance and environmental friendliness.

United States market for Chromium-free Passivation Solution for Magnesium Alloy is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Chromium-free Passivation Solution for Magnesium Alloy is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Chromium-free Passivation Solution for Magnesium Alloy is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Chromium-free Passivation Solution for Magnesium Alloy players cover Guangzhou Yishun Chemical Co., Ltd, Changzhou Xufeng Environmental Protection Technology Co.,Ltd, Suzhou Hechuan Chemical Technology Service Co., Ltd, Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd, etc. In terms of

revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Chromium-free Passivation Solution for Magnesium Alloy Industry Forecast” looks at past sales and reviews total world Chromium-free Passivation Solution for Magnesium Alloy sales in 2024, providing a comprehensive analysis by region and market sector of projected Chromium-free Passivation Solution for Magnesium Alloy sales for 2025 through 2031. With Chromium-free Passivation Solution for Magnesium Alloy sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Chromium-free Passivation Solution for Magnesium Alloy industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Chromium-free Passivation Solution for Magnesium Alloy and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Chromium-free Passivation Solution for Magnesium Alloy.

This report presents a comprehensive overview, market shares, and growth opportunities of Chromium-free Passivation Solution for Magnesium Alloy market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Phosphate Passivation

Phosphate-permanganate Passivation

Silicate/tungstate Passivation

Molybdate Passivation

Stannate Passivation

Segmentation by Application:

Hardware Accessories

Electrical Equipment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

Guangzhou Yishun Chemical Co., Ltd

Changzhou Xufeng Environmental Protection Technology Co.,Ltd

Suzhou Hechuan Chemical Technology Service Co., Ltd

Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd

Key Questions Addressed in this Report

What is the 10-year outlook for the global Chromium-free Passivation Solution for Magnesium Alloy market?

What factors are driving Chromium-free Passivation Solution for Magnesium Alloy market growth, globally and by region?

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

How do Chromium-free Passivation Solution for Magnesium Alloy market opportunities vary by end market size?

How does Chromium-free Passivation Solution for Magnesium Alloy break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Chromium-free Passivation Solution for Magnesium Alloy by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Chromium-free Passivation Solution for Magnesium Alloy by Country/Region, 2020, 2024 & 2031
- 2.2 Chromium-free Passivation Solution for Magnesium Alloy Segment by Type
 - 2.2.1 Phosphate Passivation
 - 2.2.2 Phosphate-permanganate Passivation
 - 2.2.3 Silicate/tungstate Passivation
 - 2.2.4 Molybdate Passivation
 - 2.2.5 Stannate Passivation
- 2.3 Chromium-free Passivation Solution for Magnesium Alloy Sales by Type
 - 2.3.1 Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Chromium-free Passivation Solution for Magnesium Alloy Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Chromium-free Passivation Solution for Magnesium Alloy Sale Price by Type (2020-2025)
- 2.4 Chromium-free Passivation Solution for Magnesium Alloy Segment by Application
 - 2.4.1 Hardware Accessories
 - 2.4.2 Electrical Equipment
 - 2.4.3 Others

2.5 Chromium-free Passivation Solution for Magnesium Alloy Sales by Application

2.5.1 Global Chromium-free Passivation Solution for Magnesium Alloy Sale Market Share by Application (2020-2025)

2.5.2 Global Chromium-free Passivation Solution for Magnesium Alloy Revenue and Market Share by Application (2020-2025)

2.5.3 Global Chromium-free Passivation Solution for Magnesium Alloy Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Chromium-free Passivation Solution for Magnesium Alloy Breakdown Data by Company

3.1.1 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Sales by Company (2020-2025)

3.1.2 Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Company (2020-2025)

3.2 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Revenue by Company (2020-2025)

3.2.1 Global Chromium-free Passivation Solution for Magnesium Alloy Revenue by Company (2020-2025)

3.2.2 Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Company (2020-2025)

3.3 Global Chromium-free Passivation Solution for Magnesium Alloy Sale Price by Company

3.4 Key Manufacturers Chromium-free Passivation Solution for Magnesium Alloy Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Chromium-free Passivation Solution for Magnesium Alloy Product Location Distribution

3.4.2 Players Chromium-free Passivation Solution for Magnesium Alloy Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR CHROMIUM-FREE PASSIVATION SOLUTION FOR MAGNESIUM ALLOY BY GEOGRAPHIC REGION

4.1 World Historic Chromium-free Passivation Solution for Magnesium Alloy Market Size by Geographic Region (2020-2025)

4.1.1 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Chromium-free Passivation Solution for Magnesium Alloy Market Size by Country/Region (2020-2025)

4.2.1 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Sales by Country/Region (2020-2025)

4.2.2 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Revenue by Country/Region (2020-2025)

4.3 Americas Chromium-free Passivation Solution for Magnesium Alloy Sales Growth

4.4 APAC Chromium-free Passivation Solution for Magnesium Alloy Sales Growth

4.5 Europe Chromium-free Passivation Solution for Magnesium Alloy Sales Growth

4.6 Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales Growth

5 AMERICAS

5.1 Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Country

5.1.1 Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Country (2020-2025)

5.1.2 Americas Chromium-free Passivation Solution for Magnesium Alloy Revenue by Country (2020-2025)

5.2 Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025)

5.3 Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by Region

6.1.1 APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by Region

(2020-2025)

6.1.2 APAC Chromium-free Passivation Solution for Magnesium Alloy Revenue by Region (2020-2025)

6.2 APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025)

6.3 APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Chromium-free Passivation Solution for Magnesium Alloy by Country

7.1.1 Europe Chromium-free Passivation Solution for Magnesium Alloy Sales by Country (2020-2025)

7.1.2 Europe Chromium-free Passivation Solution for Magnesium Alloy Revenue by Country (2020-2025)

7.2 Europe Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025)

7.3 Europe Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy by Country

8.1.1 Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales by Country (2020-2025)

8.1.2 Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy

Revenue by Country (2020-2025)

8.2 Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy

Sales by Type (2020-2025)

8.3 Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy

Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Chromium-free Passivation Solution for Magnesium Alloy

10.3 Manufacturing Process Analysis of Chromium-free Passivation Solution for Magnesium Alloy

10.4 Industry Chain Structure of Chromium-free Passivation Solution for Magnesium Alloy

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Chromium-free Passivation Solution for Magnesium Alloy Distributors

11.3 Chromium-free Passivation Solution for Magnesium Alloy Customer

12 WORLD FORECAST REVIEW FOR CHROMIUM-FREE PASSIVATION SOLUTION FOR MAGNESIUM ALLOY BY GEOGRAPHIC REGION

12.1 Global Chromium-free Passivation Solution for Magnesium Alloy Market Size

Forecast by Region

12.1.1 Global Chromium-free Passivation Solution for Magnesium Alloy Forecast by Region (2026-2031)

12.1.2 Global Chromium-free Passivation Solution for Magnesium Alloy Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Chromium-free Passivation Solution for Magnesium Alloy Forecast by Type (2026-2031)

12.7 Global Chromium-free Passivation Solution for Magnesium Alloy Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Guangzhou Yishun Chemical Co., Ltd

13.1.1 Guangzhou Yishun Chemical Co., Ltd Company Information

13.1.2 Guangzhou Yishun Chemical Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

13.1.3 Guangzhou Yishun Chemical Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Guangzhou Yishun Chemical Co., Ltd Main Business Overview

13.1.5 Guangzhou Yishun Chemical Co., Ltd Latest Developments

13.2 Changzhou Xufeng Environmental Protection Technology Co.,Ltd

13.2.1 Changzhou Xufeng Environmental Protection Technology Co.,Ltd Company Information

13.2.2 Changzhou Xufeng Environmental Protection Technology Co.,Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

13.2.3 Changzhou Xufeng Environmental Protection Technology Co.,Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Changzhou Xufeng Environmental Protection Technology Co.,Ltd Main Business Overview

13.2.5 Changzhou Xufeng Environmental Protection Technology Co.,Ltd Latest Developments

13.3 Suzhou Hechuan Chemical Technology Service Co., Ltd

13.3.1 Suzhou Hechuan Chemical Technology Service Co., Ltd Company Information

13.3.2 Suzhou Hechuan Chemical Technology Service Co., Ltd Chromium-free

Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

13.3.3 Suzhou Hechuan Chemical Technology Service Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Suzhou Hechuan Chemical Technology Service Co., Ltd Main Business Overview

13.3.5 Suzhou Hechuan Chemical Technology Service Co., Ltd Latest Developments

13.4 Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd

13.4.1 Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Company Information

13.4.2 Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

13.4.3 Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Main Business Overview

13.4.5 Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Chromium-free Passivation Solution for Magnesium Alloy Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Chromium-free Passivation Solution for Magnesium Alloy Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Phosphate Passivation
- Table 4. Major Players of Phosphate-permanganate Passivation
- Table 5. Major Players of Silicate/tungstate Passivation
- Table 6. Major Players of Molybdate Passivation
- Table 7. Major Players of Stannate Passivation
- Table 8. Global Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025) & (Tons)
- Table 9. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Type (2020-2025)
- Table 10. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue by Type (2020-2025) & (\$ million)
- Table 11. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Type (2020-2025)
- Table 12. Global Chromium-free Passivation Solution for Magnesium Alloy Sale Price by Type (2020-2025) & (US\$/Ton)
- Table 13. Global Chromium-free Passivation Solution for Magnesium Alloy Sale by Application (2020-2025) & (Tons)
- Table 14. Global Chromium-free Passivation Solution for Magnesium Alloy Sale Market Share by Application (2020-2025)
- Table 15. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue by Application (2020-2025) & (\$ million)
- Table 16. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Application (2020-2025)
- Table 17. Global Chromium-free Passivation Solution for Magnesium Alloy Sale Price by Application (2020-2025) & (US\$/Ton)
- Table 18. Global Chromium-free Passivation Solution for Magnesium Alloy Sales by Company (2020-2025) & (Tons)
- Table 19. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Company (2020-2025)
- Table 20. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue by Company (2020-2025) & (\$ millions)

Table 21. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Company (2020-2025)

Table 22. Global Chromium-free Passivation Solution for Magnesium Alloy Sale Price by Company (2020-2025) & (US\$/Ton)

Table 23. Key Manufacturers Chromium-free Passivation Solution for Magnesium Alloy Producing Area Distribution and Sales Area

Table 24. Players Chromium-free Passivation Solution for Magnesium Alloy Products Offered

Table 25. Chromium-free Passivation Solution for Magnesium Alloy Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global Chromium-free Passivation Solution for Magnesium Alloy Sales by Geographic Region (2020-2025) & (Tons)

Table 29. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share Geographic Region (2020-2025)

Table 30. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 31. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Geographic Region (2020-2025)

Table 32. Global Chromium-free Passivation Solution for Magnesium Alloy Sales by Country/Region (2020-2025) & (Tons)

Table 33. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country/Region (2020-2025)

Table 34. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue by Country/Region (2020-2025) & (\$ millions)

Table 35. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Country/Region (2020-2025)

Table 36. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Country (2020-2025) & (Tons)

Table 37. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country (2020-2025)

Table 38. Americas Chromium-free Passivation Solution for Magnesium Alloy Revenue by Country (2020-2025) & (\$ millions)

Table 39. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025) & (Tons)

Table 40. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025) & (Tons)

Table 41. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by

Region (2020-2025) & (Tons)

Table 42. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Region (2020-2025)

Table 43. APAC Chromium-free Passivation Solution for Magnesium Alloy Revenue by Region (2020-2025) & (\$ millions)

Table 44. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025) & (Tons)

Table 45. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025) & (Tons)

Table 46. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales by Country (2020-2025) & (Tons)

Table 47. Europe Chromium-free Passivation Solution for Magnesium Alloy Revenue by Country (2020-2025) & (\$ millions)

Table 48. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025) & (Tons)

Table 49. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025) & (Tons)

Table 50. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales by Country (2020-2025) & (Tons)

Table 51. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Country (2020-2025)

Table 52. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales by Type (2020-2025) & (Tons)

Table 53. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales by Application (2020-2025) & (Tons)

Table 54. Key Market Drivers & Growth Opportunities of Chromium-free Passivation Solution for Magnesium Alloy

Table 55. Key Market Challenges & Risks of Chromium-free Passivation Solution for Magnesium Alloy

Table 56. Key Industry Trends of Chromium-free Passivation Solution for Magnesium Alloy

Table 57. Chromium-free Passivation Solution for Magnesium Alloy Raw Material

Table 58. Key Suppliers of Raw Materials

Table 59. Chromium-free Passivation Solution for Magnesium Alloy Distributors List

Table 60. Chromium-free Passivation Solution for Magnesium Alloy Customer List

Table 61. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Region (2026-2031) & (Tons)

Table 62. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 63. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Country (2026-2031) & (Tons)

Table 64. Americas Chromium-free Passivation Solution for Magnesium Alloy Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 65. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Region (2026-2031) & (Tons)

Table 66. APAC Chromium-free Passivation Solution for Magnesium Alloy Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 67. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Country (2026-2031) & (Tons)

Table 68. Europe Chromium-free Passivation Solution for Magnesium Alloy Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Country (2026-2031) & (Tons)

Table 70. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 71. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Type (2026-2031) & (Tons)

Table 72. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 73. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Forecast by Application (2026-2031) & (Tons)

Table 74. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 75. Guangzhou Yishun Chemical Co., Ltd Basic Information, Chromium-free Passivation Solution for Magnesium Alloy Manufacturing Base, Sales Area and Its Competitors

Table 76. Guangzhou Yishun Chemical Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

Table 77. Guangzhou Yishun Chemical Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 78. Guangzhou Yishun Chemical Co., Ltd Main Business

Table 79. Guangzhou Yishun Chemical Co., Ltd Latest Developments

Table 80. Changzhou Xufeng Environmental Protection Technology Co.,Ltd Basic Information, Chromium-free Passivation Solution for Magnesium Alloy Manufacturing Base, Sales Area and Its Competitors

Table 81. Changzhou Xufeng Environmental Protection Technology Co.,Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

Table 82. Changzhou Xufeng Environmental Protection Technology Co.,Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 83. Changzhou Xufeng Environmental Protection Technology Co.,Ltd Main Business

Table 84. Changzhou Xufeng Environmental Protection Technology Co.,Ltd Latest Developments

Table 85. Suzhou Hechuan Chemical Technology Service Co., Ltd Basic Information, Chromium-free Passivation Solution for Magnesium Alloy Manufacturing Base, Sales Area and Its Competitors

Table 86. Suzhou Hechuan Chemical Technology Service Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

Table 87. Suzhou Hechuan Chemical Technology Service Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 88. Suzhou Hechuan Chemical Technology Service Co., Ltd Main Business

Table 89. Suzhou Hechuan Chemical Technology Service Co., Ltd Latest Developments

Table 90. Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Basic Information, Chromium-free Passivation Solution for Magnesium Alloy Manufacturing Base, Sales Area and Its Competitors

Table 91. Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Product Portfolios and Specifications

Table 92. Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Chromium-free Passivation Solution for Magnesium Alloy Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 93. Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Main Business

Table 94. Shenzhen Jitong Magnesium Alloy Surface Technology Co., Ltd Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Chromium-free Passivation Solution for Magnesium Alloy
- Figure 2. Chromium-free Passivation Solution for Magnesium Alloy Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Chromium-free Passivation Solution for Magnesium Alloy Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country/Region (2024)
- Figure 10. Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Phosphate Passivation
- Figure 12. Product Picture of Phosphate-permanganate Passivation
- Figure 13. Product Picture of Silicate/tungstate Passivation
- Figure 14. Product Picture of Molybdate Passivation
- Figure 15. Product Picture of Stannate Passivation
- Figure 16. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Type in 2025
- Figure 17. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Type (2020-2025)
- Figure 18. Chromium-free Passivation Solution for Magnesium Alloy Consumed in Hardware Accessories
- Figure 19. Global Chromium-free Passivation Solution for Magnesium Alloy Market: Hardware Accessories (2020-2025) & (Tons)
- Figure 20. Chromium-free Passivation Solution for Magnesium Alloy Consumed in Electrical Equipment
- Figure 21. Global Chromium-free Passivation Solution for Magnesium Alloy Market: Electrical Equipment (2020-2025) & (Tons)
- Figure 22. Chromium-free Passivation Solution for Magnesium Alloy Consumed in Others

Figure 23. Global Chromium-free Passivation Solution for Magnesium Alloy Market: Others (2020-2025) & (Tons)

Figure 24. Global Chromium-free Passivation Solution for Magnesium Alloy Sale Market Share by Application (2024)

Figure 25. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Application in 2025

Figure 26. Chromium-free Passivation Solution for Magnesium Alloy Sales by Company in 2025 (Tons)

Figure 27. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Company in 2025

Figure 28. Chromium-free Passivation Solution for Magnesium Alloy Revenue by Company in 2025 (\$ millions)

Figure 29. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Company in 2025

Figure 30. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Geographic Region (2020-2025)

Figure 31. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Geographic Region in 2025

Figure 32. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales 2020-2025 (Tons)

Figure 33. Americas Chromium-free Passivation Solution for Magnesium Alloy Revenue 2020-2025 (\$ millions)

Figure 34. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales 2020-2025 (Tons)

Figure 35. APAC Chromium-free Passivation Solution for Magnesium Alloy Revenue 2020-2025 (\$ millions)

Figure 36. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales 2020-2025 (Tons)

Figure 37. Europe Chromium-free Passivation Solution for Magnesium Alloy Revenue 2020-2025 (\$ millions)

Figure 38. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales 2020-2025 (Tons)

Figure 39. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Revenue 2020-2025 (\$ millions)

Figure 40. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country in 2025

Figure 41. Americas Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Country (2020-2025)

Figure 42. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales

Market Share by Type (2020-2025)

Figure 43. Americas Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Application (2020-2025)

Figure 44. United States Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 45. Canada Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 46. Mexico Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 47. Brazil Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 48. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Region in 2025

Figure 49. APAC Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Region (2020-2025)

Figure 50. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Type (2020-2025)

Figure 51. APAC Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Application (2020-2025)

Figure 52. China Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 53. Japan Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 54. South Korea Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 55. Southeast Asia Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 56. India Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 57. Australia Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 58. China Taiwan Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 59. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country in 2025

Figure 60. Europe Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share by Country (2020-2025)

Figure 61. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Type (2020-2025)

Figure 62. Europe Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Application (2020-2025)

Figure 63. Germany Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 64. France Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 65. UK Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 66. Italy Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 67. Russia Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 68. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Country (2020-2025)

Figure 69. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Type (2020-2025)

Figure 70. Middle East & Africa Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share by Application (2020-2025)

Figure 71. Egypt Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 72. South Africa Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 73. Israel Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 74. Turkey Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 75. GCC Countries Chromium-free Passivation Solution for Magnesium Alloy Revenue Growth 2020-2025 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Chromium-free Passivation Solution for Magnesium Alloy in 2025

Figure 77. Manufacturing Process Analysis of Chromium-free Passivation Solution for Magnesium Alloy

Figure 78. Industry Chain Structure of Chromium-free Passivation Solution for Magnesium Alloy

Figure 79. Channels of Distribution

Figure 80. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Forecast by Region (2026-2031)

Figure 81. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share Forecast by Region (2026-2031)

Figure 82. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share Forecast by Type (2026-2031)

Figure 83. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share Forecast by Type (2026-2031)

Figure 84. Global Chromium-free Passivation Solution for Magnesium Alloy Sales Market Share Forecast by Application (2026-2031)

Figure 85. Global Chromium-free Passivation Solution for Magnesium Alloy Revenue Market Share Forecast by Application (2026-2031)

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