

# Global Metal Hydride Storage Material Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Metal Hydride Storage Material market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Metal hydrides (MH x) are the most technologically relevant class of hydrogen storage materials because they can be used in a range of applications including neutron moderation, 1 electrochemical cycling, thermal storage, heat pumps, and purification/separation.

This report studies the global Metal Hydride Storage Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Metal Hydride Storage Material, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Metal Hydride Storage Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Metal Hydride Storage Material total production and demand, 2019-2030, (Tons)

Global Metal Hydride Storage Material total production value, 2019-2030, (USD Million)

Global Metal Hydride Storage Material production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Metal Hydride Storage Material consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Metal Hydride Storage Material domestic production, consumption, key domestic manufacturers and share

Global Metal Hydride Storage Material production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Metal Hydride Storage Material production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Metal Hydride Storage Material production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Metal Hydride Storage Material market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MG Power, GRIMAT, Shanghai H2store Energy Technology, Biocoke Lab, Sigma Aldrich and Jiangsu JITRI Advanced Energy Materials, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Metal Hydride Storage Material market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Metal Hydride Storage Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Metal Hydride Storage Material Market, Segmentation by Type

MgH<sub>2</sub>

TiFe

TiMn<sub>2</sub>

VH<sub>2</sub>

LaNi<sub>5</sub>

### Global Metal Hydride Storage Material Market, Segmentation by Application

New Energy

Medical

Others

### Companies Profiled:

*Global Metal Hydride Storage Material Supply, Demand and Key Producers, 2024-2030*

MG Power

GRIMAT

Shanghai H2store Energy Technology

Biocoke Lab

Sigma Aldrich

Jiangsu JITRI Advanced Energy Materials

### Key Questions Answered

1. How big is the global Metal Hydride Storage Material market?
2. What is the demand of the global Metal Hydride Storage Material market?
3. What is the year over year growth of the global Metal Hydride Storage Material market?
4. What is the production and production value of the global Metal Hydride Storage Material market?
5. Who are the key producers in the global Metal Hydride Storage Material market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Metal Hydride Storage Material Introduction
- 1.2 World Metal Hydride Storage Material Supply & Forecast
  - 1.2.1 World Metal Hydride Storage Material Production Value (2019 & 2023 & 2030)
  - 1.2.2 World Metal Hydride Storage Material Production (2019-2030)
  - 1.2.3 World Metal Hydride Storage Material Pricing Trends (2019-2030)
- 1.3 World Metal Hydride Storage Material Production by Region (Based on Production Site)
  - 1.3.1 World Metal Hydride Storage Material Production Value by Region (2019-2030)
  - 1.3.2 World Metal Hydride Storage Material Production by Region (2019-2030)
  - 1.3.3 World Metal Hydride Storage Material Average Price by Region (2019-2030)
  - 1.3.4 North America Metal Hydride Storage Material Production (2019-2030)
  - 1.3.5 Europe Metal Hydride Storage Material Production (2019-2030)
  - 1.3.6 China Metal Hydride Storage Material Production (2019-2030)
  - 1.3.7 Japan Metal Hydride Storage Material Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Metal Hydride Storage Material Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Metal Hydride Storage Material Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Metal Hydride Storage Material Demand (2019-2030)
- 2.2 World Metal Hydride Storage Material Consumption by Region
  - 2.2.1 World Metal Hydride Storage Material Consumption by Region (2019-2024)
  - 2.2.2 World Metal Hydride Storage Material Consumption Forecast by Region (2025-2030)
- 2.3 United States Metal Hydride Storage Material Consumption (2019-2030)
- 2.4 China Metal Hydride Storage Material Consumption (2019-2030)
- 2.5 Europe Metal Hydride Storage Material Consumption (2019-2030)
- 2.6 Japan Metal Hydride Storage Material Consumption (2019-2030)
- 2.7 South Korea Metal Hydride Storage Material Consumption (2019-2030)
- 2.8 ASEAN Metal Hydride Storage Material Consumption (2019-2030)
- 2.9 India Metal Hydride Storage Material Consumption (2019-2030)

### 3 WORLD METAL HYDRIDE STORAGE MATERIAL MANUFACTURERS

## COMPETITIVE ANALYSIS

- 3.1 World Metal Hydride Storage Material Production Value by Manufacturer (2019-2024)
- 3.2 World Metal Hydride Storage Material Production by Manufacturer (2019-2024)
- 3.3 World Metal Hydride Storage Material Average Price by Manufacturer (2019-2024)
- 3.4 Metal Hydride Storage Material Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Metal Hydride Storage Material Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Metal Hydride Storage Material in 2023
  - 3.5.3 Global Concentration Ratios (CR8) for Metal Hydride Storage Material in 2023
- 3.6 Metal Hydride Storage Material Market: Overall Company Footprint Analysis
  - 3.6.1 Metal Hydride Storage Material Market: Region Footprint
  - 3.6.2 Metal Hydride Storage Material Market: Company Product Type Footprint
  - 3.6.3 Metal Hydride Storage Material Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## 4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Metal Hydride Storage Material Production Value Comparison
  - 4.1.1 United States VS China: Metal Hydride Storage Material Production Value Comparison (2019 & 2023 & 2030)
  - 4.1.2 United States VS China: Metal Hydride Storage Material Production Value Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States VS China: Metal Hydride Storage Material Production Comparison
  - 4.2.1 United States VS China: Metal Hydride Storage Material Production Comparison (2019 & 2023 & 2030)
  - 4.2.2 United States VS China: Metal Hydride Storage Material Production Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States VS China: Metal Hydride Storage Material Consumption Comparison
  - 4.3.1 United States VS China: Metal Hydride Storage Material Consumption Comparison (2019 & 2023 & 2030)
  - 4.3.2 United States VS China: Metal Hydride Storage Material Consumption Market

## Share Comparison (2019 & 2023 & 2030)

### 4.4 United States Based Metal Hydride Storage Material Manufacturers and Market Share, 2019-2024

#### 4.4.1 United States Based Metal Hydride Storage Material Manufacturers, Headquarters and Production Site (States, Country)

#### 4.4.2 United States Based Manufacturers Metal Hydride Storage Material Production Value (2019-2024)

#### 4.4.3 United States Based Manufacturers Metal Hydride Storage Material Production (2019-2024)

### 4.5 China Based Metal Hydride Storage Material Manufacturers and Market Share

#### 4.5.1 China Based Metal Hydride Storage Material Manufacturers, Headquarters and Production Site (Province, Country)

#### 4.5.2 China Based Manufacturers Metal Hydride Storage Material Production Value (2019-2024)

#### 4.5.3 China Based Manufacturers Metal Hydride Storage Material Production (2019-2024)

### 4.6 Rest of World Based Metal Hydride Storage Material Manufacturers and Market Share, 2019-2024

#### 4.6.1 Rest of World Based Metal Hydride Storage Material Manufacturers, Headquarters and Production Site (State, Country)

#### 4.6.2 Rest of World Based Manufacturers Metal Hydride Storage Material Production Value (2019-2024)

#### 4.6.3 Rest of World Based Manufacturers Metal Hydride Storage Material Production (2019-2024)

## 5 MARKET ANALYSIS BY TYPE

### 5.1 World Metal Hydride Storage Material Market Size Overview by Type: 2019 VS 2023 VS 2030

### 5.2 Segment Introduction by Type

#### 5.2.1 MgH<sub>2</sub>

#### 5.2.2 TiFe

#### 5.2.3 TiMn<sub>2</sub>

#### 5.2.4 VH<sub>2</sub>

#### 5.2.5 LaNi<sub>5</sub>

### 5.3 Market Segment by Type

#### 5.3.1 World Metal Hydride Storage Material Production by Type (2019-2030)

#### 5.3.2 World Metal Hydride Storage Material Production Value by Type (2019-2030)

#### 5.3.3 World Metal Hydride Storage Material Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Metal Hydride Storage Material Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 New Energy

6.2.2 Medical

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Metal Hydride Storage Material Production by Application (2019-2030)

6.3.2 World Metal Hydride Storage Material Production Value by Application (2019-2030)

6.3.3 World Metal Hydride Storage Material Average Price by Application (2019-2030)

## **7 COMPANY PROFILES**

7.1 MG Power

7.1.1 MG Power Details

7.1.2 MG Power Major Business

7.1.3 MG Power Metal Hydride Storage Material Product and Services

7.1.4 MG Power Metal Hydride Storage Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 MG Power Recent Developments/Updates

7.1.6 MG Power Competitive Strengths & Weaknesses

7.2 GRIMAT

7.2.1 GRIMAT Details

7.2.2 GRIMAT Major Business

7.2.3 GRIMAT Metal Hydride Storage Material Product and Services

7.2.4 GRIMAT Metal Hydride Storage Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.2.5 GRIMAT Recent Developments/Updates

7.2.6 GRIMAT Competitive Strengths & Weaknesses

7.3 Shanghai H2store Energy Technology

7.3.1 Shanghai H2store Energy Technology Details

7.3.2 Shanghai H2store Energy Technology Major Business

7.3.3 Shanghai H2store Energy Technology Metal Hydride Storage Material Product and Services

7.3.4 Shanghai H2store Energy Technology Metal Hydride Storage Material



## Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.3.5 Shanghai H2store Energy Technology Recent Developments/Updates

7.3.6 Shanghai H2store Energy Technology Competitive Strengths & Weaknesses

## 7.4 Biocoke Lab

7.4.1 Biocoke Lab Details

7.4.2 Biocoke Lab Major Business

7.4.3 Biocoke Lab Metal Hydride Storage Material Product and Services

7.4.4 Biocoke Lab Metal Hydride Storage Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.4.5 Biocoke Lab Recent Developments/Updates

7.4.6 Biocoke Lab Competitive Strengths & Weaknesses

## 7.5 Sigma Aldrich

7.5.1 Sigma Aldrich Details

7.5.2 Sigma Aldrich Major Business

7.5.3 Sigma Aldrich Metal Hydride Storage Material Product and Services

7.5.4 Sigma Aldrich Metal Hydride Storage Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.5.5 Sigma Aldrich Recent Developments/Updates

7.5.6 Sigma Aldrich Competitive Strengths & Weaknesses

## 7.6 Jiangsu JITRI Advanced Energy Materials

7.6.1 Jiangsu JITRI Advanced Energy Materials Details

7.6.2 Jiangsu JITRI Advanced Energy Materials Major Business

7.6.3 Jiangsu JITRI Advanced Energy Materials Metal Hydride Storage Material Product and Services

7.6.4 Jiangsu JITRI Advanced Energy Materials Metal Hydride Storage Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.6.5 Jiangsu JITRI Advanced Energy Materials Recent Developments/Updates

7.6.6 Jiangsu JITRI Advanced Energy Materials Competitive Strengths & Weaknesses

## 8 INDUSTRY CHAIN ANALYSIS

8.1 Metal Hydride Storage Material Industry Chain

8.2 Metal Hydride Storage Material Upstream Analysis

8.2.1 Metal Hydride Storage Material Core Raw Materials

8.2.2 Main Manufacturers of Metal Hydride Storage Material Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Metal Hydride Storage Material Production Mode

8.6 Metal Hydride Storage Material Procurement Model

## 8.7 Metal Hydride Storage Material Industry Sales Model and Sales Channels

### 8.7.1 Metal Hydride Storage Material Sales Model

### 8.7.2 Metal Hydride Storage Material Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

### 10.1 Methodology

### 10.2 Research Process and Data Source

### 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Metal Hydride Storage Material Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Metal Hydride Storage Material Production Value by Region (2019-2024) & (USD Million)

Table 3. World Metal Hydride Storage Material Production Value by Region (2025-2030) & (USD Million)

Table 4. World Metal Hydride Storage Material Production Value Market Share by Region (2019-2024)

Table 5. World Metal Hydride Storage Material Production Value Market Share by Region (2025-2030)

Table 6. World Metal Hydride Storage Material Production by Region (2019-2024) & (Tons)

Table 7. World Metal Hydride Storage Material Production by Region (2025-2030) & (Tons)

Table 8. World Metal Hydride Storage Material Production Market Share by Region (2019-2024)

Table 9. World Metal Hydride Storage Material Production Market Share by Region (2025-2030)

Table 10. World Metal Hydride Storage Material Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World Metal Hydride Storage Material Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. Metal Hydride Storage Material Major Market Trends

Table 13. World Metal Hydride Storage Material Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World Metal Hydride Storage Material Consumption by Region (2019-2024) & (Tons)

Table 15. World Metal Hydride Storage Material Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World Metal Hydride Storage Material Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Metal Hydride Storage Material Producers in 2023

Table 18. World Metal Hydride Storage Material Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key Metal Hydride Storage Material Producers in 2023

Table 20. World Metal Hydride Storage Material Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global Metal Hydride Storage Material Company Evaluation Quadrant

Table 22. World Metal Hydride Storage Material Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Metal Hydride Storage Material Production Site of Key Manufacturer

Table 24. Metal Hydride Storage Material Market: Company Product Type Footprint

Table 25. Metal Hydride Storage Material Market: Company Product Application Footprint

Table 26. Metal Hydride Storage Material Competitive Factors

Table 27. Metal Hydride Storage Material New Entrant and Capacity Expansion Plans

Table 28. Metal Hydride Storage Material Mergers & Acquisitions Activity

Table 29. United States VS China Metal Hydride Storage Material Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Metal Hydride Storage Material Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China Metal Hydride Storage Material Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based Metal Hydride Storage Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Metal Hydride Storage Material Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Metal Hydride Storage Material Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Metal Hydride Storage Material Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers Metal Hydride Storage Material Production Market Share (2019-2024)

Table 37. China Based Metal Hydride Storage Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Metal Hydride Storage Material Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Metal Hydride Storage Material Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Metal Hydride Storage Material Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers Metal Hydride Storage Material Production Market Share (2019-2024)

Table 42. Rest of World Based Metal Hydride Storage Material Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Metal Hydride Storage Material Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Metal Hydride Storage Material Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Metal Hydride Storage Material Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers Metal Hydride Storage Material Production Market Share (2019-2024)

Table 47. World Metal Hydride Storage Material Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Metal Hydride Storage Material Production by Type (2019-2024) & (Tons)

Table 49. World Metal Hydride Storage Material Production by Type (2025-2030) & (Tons)

Table 50. World Metal Hydride Storage Material Production Value by Type (2019-2024) & (USD Million)

Table 51. World Metal Hydride Storage Material Production Value by Type (2025-2030) & (USD Million)

Table 52. World Metal Hydride Storage Material Average Price by Type (2019-2024) & (US\$/Ton)

Table 53. World Metal Hydride Storage Material Average Price by Type (2025-2030) & (US\$/Ton)

Table 54. World Metal Hydride Storage Material Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Metal Hydride Storage Material Production by Application (2019-2024) & (Tons)

Table 56. World Metal Hydride Storage Material Production by Application (2025-2030) & (Tons)

Table 57. World Metal Hydride Storage Material Production Value by Application (2019-2024) & (USD Million)

Table 58. World Metal Hydride Storage Material Production Value by Application (2025-2030) & (USD Million)

Table 59. World Metal Hydride Storage Material Average Price by Application (2019-2024) & (US\$/Ton)

Table 60. World Metal Hydride Storage Material Average Price by Application

(2025-2030) & (US\$/Ton)

Table 61. MG Power Basic Information, Manufacturing Base and Competitors

Table 62. MG Power Major Business

Table 63. MG Power Metal Hydride Storage Material Product and Services

Table 64. MG Power Metal Hydride Storage Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. MG Power Recent Developments/Updates

Table 66. MG Power Competitive Strengths & Weaknesses

Table 67. GRIMAT Basic Information, Manufacturing Base and Competitors

Table 68. GRIMAT Major Business

Table 69. GRIMAT Metal Hydride Storage Material Product and Services

Table 70. GRIMAT Metal Hydride Storage Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. GRIMAT Recent Developments/Updates

Table 72. GRIMAT Competitive Strengths & Weaknesses

Table 73. Shanghai H2store Energy Technology Basic Information, Manufacturing Base and Competitors

Table 74. Shanghai H2store Energy Technology Major Business

Table 75. Shanghai H2store Energy Technology Metal Hydride Storage Material Product and Services

Table 76. Shanghai H2store Energy Technology Metal Hydride Storage Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Shanghai H2store Energy Technology Recent Developments/Updates

Table 78. Shanghai H2store Energy Technology Competitive Strengths & Weaknesses

Table 79. Biocoke Lab Basic Information, Manufacturing Base and Competitors

Table 80. Biocoke Lab Major Business

Table 81. Biocoke Lab Metal Hydride Storage Material Product and Services

Table 82. Biocoke Lab Metal Hydride Storage Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Biocoke Lab Recent Developments/Updates

Table 84. Biocoke Lab Competitive Strengths & Weaknesses

Table 85. Sigma Aldrich Basic Information, Manufacturing Base and Competitors

Table 86. Sigma Aldrich Major Business

Table 87. Sigma Aldrich Metal Hydride Storage Material Product and Services

Table 88. Sigma Aldrich Metal Hydride Storage Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2019-2024)

Table 89. Sigma Aldrich Recent Developments/Updates

Table 90. Jiangsu JITRI Advanced Energy Materials Basic Information, Manufacturing Base and Competitors

Table 91. Jiangsu JITRI Advanced Energy Materials Major Business

Table 92. Jiangsu JITRI Advanced Energy Materials Metal Hydride Storage Material Product and Services

Table 93. Jiangsu JITRI Advanced Energy Materials Metal Hydride Storage Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 94. Global Key Players of Metal Hydride Storage Material Upstream (Raw Materials)

Table 95. Metal Hydride Storage Material Typical Customers

Table 96. Metal Hydride Storage Material Typical Distributors

## **LIST OF FIGURE**

Figure 1. Metal Hydride Storage Material Picture

Figure 2. World Metal Hydride Storage Material Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Metal Hydride Storage Material Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Metal Hydride Storage Material Production (2019-2030) & (Tons)

Figure 5. World Metal Hydride Storage Material Average Price (2019-2030) & (US\$/Ton)

Figure 6. World Metal Hydride Storage Material Production Value Market Share by Region (2019-2030)

Figure 7. World Metal Hydride Storage Material Production Market Share by Region (2019-2030)

Figure 8. North America Metal Hydride Storage Material Production (2019-2030) & (Tons)

Figure 9. Europe Metal Hydride Storage Material Production (2019-2030) & (Tons)

Figure 10. China Metal Hydride Storage Material Production (2019-2030) & (Tons)

Figure 11. Japan Metal Hydride Storage Material Production (2019-2030) & (Tons)

Figure 12. Metal Hydride Storage Material Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 15. World Metal Hydride Storage Material Consumption Market Share by Region (2019-2030)

Figure 16. United States Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 17. China Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 18. Europe Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 19. Japan Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 20. South Korea Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 21. ASEAN Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 22. India Metal Hydride Storage Material Consumption (2019-2030) & (Tons)

Figure 23. Producer Shipments of Metal Hydride Storage Material by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Metal Hydride Storage Material Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Metal Hydride Storage Material Markets in 2023

Figure 26. United States VS China: Metal Hydride Storage Material Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Metal Hydride Storage Material Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Metal Hydride Storage Material Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Metal Hydride Storage Material Production Market Share 2023

Figure 30. China Based Manufacturers Metal Hydride Storage Material Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Metal Hydride Storage Material Production Market Share 2023

Figure 32. World Metal Hydride Storage Material Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Metal Hydride Storage Material Production Value Market Share by Type in 2023

Figure 34. MgH<sub>2</sub>

Figure 35. TiFe

Figure 36. TiMn<sub>2</sub>

Figure 37. VH<sub>2</sub>

Figure 38. LaNi<sub>5</sub>

Figure 39. World Metal Hydride Storage Material Production Market Share by Type (2019-2030)

Figure 40. World Metal Hydride Storage Material Production Value Market Share by



Type (2019-2030)

Figure 41. World Metal Hydride Storage Material Average Price by Type (2019-2030) & (US\$/Ton)

Figure 42. World Metal Hydride Storage Material Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 43. World Metal Hydride Storage Material Production Value Market Share by Application in 2023

Figure 44. New Energy

Figure 45. Medical

Figure 46. Others

Figure 47. World Metal Hydride Storage Material Production Market Share by Application (2019-2030)

Figure 48. World Metal Hydride Storage Material Production Value Market Share by Application (2019-2030)

Figure 49. World Metal Hydride Storage Material Average Price by Application (2019-2030) & (US\$/Ton)

Figure 50. Metal Hydride Storage Material Industry Chain

Figure 51. Metal Hydride Storage Material Procurement Model

Figure 52. Metal Hydride Storage Material Sales Model

Figure 53. Metal Hydride Storage Material Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

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