

Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Growth (Status and Outlook) 2025-2031

<https://marketpublishers.com/r/G24413F26326EN.html>

Date: August 2025

Pages: 95

Price: US\$ 3,660.00 (Single User License)

ID: G24413F26326EN

Abstracts

According to this study, the global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology market size will reach US\$ 17.5 million by 2031.

Sodium borohydride (NaBH₄) hydrolysis hydrogen production technology is a technology that efficiently releases hydrogen from sodium borohydride solution through catalytic hydrolysis reaction. This technology is regarded as a potential solution for portable or miniaturized hydrogen energy applications due to its mild reaction conditions, high hydrogen purity and good safety.

United States market for Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology 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 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology 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 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology players cover Millennium Cell(BASF), PowerBall Technologies, SiGNa Hydrogen, Toyota, Mitsubishi Chemical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LPI (LP Information)' newest research report, the “Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Industry Forecast” looks at past sales and reviews total world Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology sales in 2024, providing a comprehensive analysis by region and market sector of projected Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology sales for 2025 through 2031. With Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology industry.

This Insight Report provides a comprehensive analysis of the global Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology 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 Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology.

This report presents a comprehensive overview, market shares, and growth opportunities of Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology market by product type, application, key players and key regions and countries.

Segmentation by Type:

NaBH₂ Solution

NaBH₄ Solid

NaBH₄ Suspension

Segmentation by Application:

Fuel cell

Onboard Hydrogen Source

Emergency Power Supply

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 analyzing the company's coverage, product portfolio, its market penetration.

Millennium Cell(BASF)

PowerBall Technologies

SiGNa Hydrogen

Toyota

Mitsubishi Chemical

Acta S.p.A.

Zhongqing Energy Technology

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 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size (2020-2031)

2.1.2 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size CAGR by Region (2020 VS 2024 VS 2031)

2.1.3 World Current & Future Analysis for Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology by Country/Region (2020, 2024 & 2031)

2.2 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Segment by Type

2.2.1 NaBH₄ Solution

2.2.2 NaBH₄ Solid

2.2.3 NaBH₄ Suspension

2.3 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type

2.3.1 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size CAGR by Type (2020 VS 2024 VS 2031)

2.3.2 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type (2020-2025)

2.4 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Segment by Application

2.4.1 Fuel cell

2.4.2 Onboard Hydrogen Source

2.4.3 Emergency Power Supply

2.5 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market

Size by Application

2.5.1 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size CAGR by Application (2020 VS 2024 VS 2031)

2.5.2 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Application (2020-2025)

3 SODIUM BOROHYDRIDE (NaBH₄) HYDROLYSIS HYDROGEN PRODUCTION TECHNOLOGY MARKET SIZE BY PLAYER

3.1 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Player

3.1.1 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue by Player (2020-2025)

3.1.2 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue Market Share by Player (2020-2025)

3.2 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

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

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

4 SODIUM BOROHYDRIDE (NaBH₄) HYDROLYSIS HYDROGEN PRODUCTION TECHNOLOGY BY REGION

4.1 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Region (2020-2025)

4.2 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Annual Revenue by Country/Region (2020-2025)

4.3 Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth (2020-2025)

4.4 APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth (2020-2025)

4.5 Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth (2020-2025)

4.6 Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth (2020-2025)

5 AMERICAS

5.1 Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Country (2020-2025)

5.2 Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025)

5.3 Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Region (2020-2025)

6.2 APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025)

6.3 APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

7 EUROPE

7.1 Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Country (2020-2025)

7.2 Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025)

7.3 Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 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 Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology by Region (2020-2025)

8.2 Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025)

8.3 Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 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 GLOBAL SODIUM BOROHYDRIDE (NaBH₄) HYDROLYSIS HYDROGEN PRODUCTION TECHNOLOGY MARKET FORECAST

10.1 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast by Region (2026-2031)

10.1.1 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast by Region (2026-2031)

10.1.2 Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.1.3 APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.1.4 Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.1.5 Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.2 Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production

Technology Forecast by Country (2026-2031)

10.2.1 United States Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.2.2 Canada Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.2.3 Mexico Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.2.4 Brazil Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.3 APAC Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast by Region (2026-2031)

10.3.1 China Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Market Forecast

10.3.2 Japan Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.3.3 Korea Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.3.4 Southeast Asia Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.3.5 India Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.3.6 Australia Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.4 Europe Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast by Country (2026-2031)

10.4.1 Germany Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.4.2 France Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.4.3 UK Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.4.4 Italy Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.4.5 Russia Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.5 Middle East & Africa Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast by Region (2026-2031)

10.5.1 Egypt Market Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Forecast

10.5.2 South Africa Market Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.5.3 Israel Market Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.5.4 Turkey Market Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

10.6 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast by Type (2026-2031)

10.7 Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast by Application (2026-2031)

10.7.1 GCC Countries Market Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Forecast

11 KEY PLAYERS ANALYSIS

11.1 Millennium Cell(BASF)

11.1.1 Millennium Cell(BASF) Company Information

11.1.2 Millennium Cell(BASF) Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.1.3 Millennium Cell(BASF) Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.1.4 Millennium Cell(BASF) Main Business Overview

11.1.5 Millennium Cell(BASF) Latest Developments

11.2 PowerBall Technologies

11.2.1 PowerBall Technologies Company Information

11.2.2 PowerBall Technologies Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.2.3 PowerBall Technologies Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.2.4 PowerBall Technologies Main Business Overview

11.2.5 PowerBall Technologies Latest Developments

11.3 SiGNa Hydrogen

11.3.1 SiGNa Hydrogen Company Information

11.3.2 SiGNa Hydrogen Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.3.3 SiGNa Hydrogen Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.3.4 SiGNa Hydrogen Main Business Overview

11.3.5 SiGNa Hydrogen Latest Developments

11.4 Toyota

11.4.1 Toyota Company Information

11.4.2 Toyota Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.4.3 Toyota Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.4.4 Toyota Main Business Overview

11.4.5 Toyota Latest Developments

11.5 Mitsubishi Chemical

11.5.1 Mitsubishi Chemical Company Information

11.5.2 Mitsubishi Chemical Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.5.3 Mitsubishi Chemical Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.5.4 Mitsubishi Chemical Main Business Overview

11.5.5 Mitsubishi Chemical Latest Developments

11.6 Acta S.p.A.

11.6.1 Acta S.p.A. Company Information

11.6.2 Acta S.p.A. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.6.3 Acta S.p.A. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.6.4 Acta S.p.A. Main Business Overview

11.6.5 Acta S.p.A. Latest Developments

11.7 Zhongqing Energy Technology

11.7.1 Zhongqing Energy Technology Company Information

11.7.2 Zhongqing Energy Technology Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

11.7.3 Zhongqing Energy Technology Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue, Gross Margin and Market Share (2020-2025)

11.7.4 Zhongqing Energy Technology Main Business Overview

11.7.5 Zhongqing Energy Technology Latest Developments

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size CAGR by Region (2020 VS 2024 VS 2031) & (\$ millions)
- Table 2. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of NaBH₄ Solution
- Table 4. Major Players of NaBH₄ Solid
- Table 5. Major Players of NaBH₄ Suspension
- Table 6. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size CAGR by Type (2020 VS 2024 VS 2031) & (\$ millions)
- Table 7. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025) & (\$ millions)
- Table 8. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type (2020-2025)
- Table 9. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size CAGR by Application (2020 VS 2024 VS 2031) & (\$ millions)
- Table 10. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025) & (\$ millions)
- Table 11. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Application (2020-2025)
- Table 12. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue by Player (2020-2025) & (\$ millions)
- Table 13. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue Market Share by Player (2020-2025)
- Table 14. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Key Players Head office and Products Offered
- Table 15. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- Table 16. New Products and Potential Entrants
- Table 17. Mergers & Acquisitions, Expansion
- Table 18. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Region (2020-2025) & (\$ millions)
- Table 19. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Region (2020-2025)
- Table 20. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue by Country/Region (2020-2025) & (\$ millions)

Table 21. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue Market Share by Country/Region (2020-2025)

Table 22. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Country (2020-2025) & (\$ millions)

Table 23. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Country (2020-2025)

Table 24. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025) & (\$ millions)

Table 25. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type (2020-2025)

Table 26. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025) & (\$ millions)

Table 27. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Application (2020-2025)

Table 28. APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Region (2020-2025) & (\$ millions)

Table 29. APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Region (2020-2025)

Table 30. APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025) & (\$ millions)

Table 31. APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025) & (\$ millions)

Table 32. Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Country (2020-2025) & (\$ millions)

Table 33. Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Country (2020-2025)

Table 34. Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025) & (\$ millions)

Table 35. Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025) & (\$ millions)

Table 36. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Region (2020-2025) & (\$ millions)

Table 37. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Type (2020-2025) & (\$ millions)

Table 38. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size by Application (2020-2025) & (\$ millions)

Table 39. Key Market Drivers & Growth Opportunities of Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology

Table 40. Key Market Challenges & Risks of Sodium Borohydride (NaBH₄) Hydrolysis

Hydrogen Production Technology

Table 41. Key Industry Trends of Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology

Table 42. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Forecast by Region (2026-2031) & (\$ millions)

Table 43. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share Forecast by Region (2026-2031)

Table 44. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Forecast by Type (2026-2031) & (\$ millions)

Table 45. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Forecast by Application (2026-2031) & (\$ millions)

Table 46. Millennium Cell(BASF) Details, Company Type, Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Area Served and Its Competitors

Table 47. Millennium Cell(BASF) Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

Table 48. Millennium Cell(BASF) Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 49. Millennium Cell(BASF) Main Business

Table 50. Millennium Cell(BASF) Latest Developments

Table 51. PowerBall Technologies Details, Company Type, Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Area Served and Its Competitors

Table 52. PowerBall Technologies Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

Table 53. PowerBall Technologies Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 54. PowerBall Technologies Main Business

Table 55. PowerBall Technologies Latest Developments

Table 56. SiGNa Hydrogen Details, Company Type, Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Area Served and Its Competitors

Table 57. SiGNa Hydrogen Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Product Offered

Table 58. SiGNa Hydrogen Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 59. SiGNa Hydrogen Main Business

Table 60. SiGNa Hydrogen Latest Developments

Table 61. Toyota Details, Company Type, Sodium Borohydride (NaBH₄) Hydrolysis

Hydrogen Production Technology Area Served and Its Competitors

Table 62. Toyota Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Product Offered

Table 63. Toyota Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 64. Toyota Main Business

Table 65. Toyota Latest Developments

Table 66. Mitsubishi Chemical Details, Company Type, Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Area Served and Its Competitors

Table 67. Mitsubishi Chemical Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Product Offered

Table 68. Mitsubishi Chemical Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 69. Mitsubishi Chemical Main Business

Table 70. Mitsubishi Chemical Latest Developments

Table 71. Acta S.p.A. Details, Company Type, Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Area Served and Its Competitors

Table 72. Acta S.p.A. Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Product Offered

Table 73. Acta S.p.A. Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 74. Acta S.p.A. Main Business

Table 75. Acta S.p.A. Latest Developments

Table 76. Zhongqing Energy Technology Details, Company Type, Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Area Served and Its Competitors

Table 77. Zhongqing Energy Technology Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Product Offered

Table 78. Zhongqing Energy Technology Sodium Borohydride (NaBH?) Hydrolysis Hydrogen Production Technology Revenue (\$ million), Gross Margin and Market Share (2020-2025)

Table 79. Zhongqing Energy Technology Main Business

Table 80. Zhongqing Energy Technology Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Report Years Considered

Figure 2. Research Objectives

Figure 3. Research Methodology

Figure 4. Research Process and Data Source

Figure 5. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth Rate (2020-2031) (\$ millions)

Figure 6. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 7. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Sales Market Share by Country/Region (2024)

Figure 8. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 9. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type in 2024

Figure 10. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology in Fuel cell

Figure 11. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market: Fuel cell (2020-2025) & (\$ millions)

Figure 12. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology in Onboard Hydrogen Source

Figure 13. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market: Onboard Hydrogen Source (2020-2025) & (\$ millions)

Figure 14. Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology in Emergency Power Supply

Figure 15. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market: Emergency Power Supply (2020-2025) & (\$ millions)

Figure 16. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Application in 2024

Figure 17. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Revenue Market Share by Player in 2024

Figure 18. Global Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Region (2020-2025)

Figure 19. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2020-2025 (\$ millions)

Figure 20. APAC Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2020-2025 (\$ millions)

Figure 21. Europe Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2020-2025 (\$ millions)

Figure 22. Middle East & Africa Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2020-2025 (\$ millions)

Figure 23. Americas Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Value Market Share by Country in 2024

Figure 24. United States Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 25. Canada Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 26. Mexico Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 27. Brazil Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 28. APAC Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share by Region in 2024

Figure 29. APAC Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type (2020-2025)

Figure 30. APAC Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share by Application (2020-2025)

Figure 31. China Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 32. Japan Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 33. South Korea Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 34. Southeast Asia Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 35. India Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 36. Australia Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 37. Europe Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share by Country in 2024

Figure 38. Europe Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type (2020-2025)

Figure 39. Europe Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production

Technology Market Size Market Share by Application (2020-2025)

Figure 40. Germany Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 41. France Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 42. UK Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 43. Italy Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 44. Russia Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 45. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Region (2020-2025)

Figure 46. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Type (2020-2025)

Figure 47. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Market Share by Application (2020-2025)

Figure 48. Egypt Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 49. South Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 50. Israel Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 51. Turkey Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 52. GCC Countries Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size Growth 2020-2025 (\$ millions)

Figure 53. Americas Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 54. APAC Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 55. Europe Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 56. Middle East & Africa Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 57. United States Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 58. Canada Sodium Borohydride (NaBH₄) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 59. Mexico Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 60. Brazil Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 61. China Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 62. Japan Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 63. Korea Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 64. Southeast Asia Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 65. India Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 66. Australia Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 67. Germany Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 68. France Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 69. UK Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 70. Italy Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 71. Russia Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 72. Egypt Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 73. South Africa Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 74. Israel Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 75. Turkey Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size 2026-2031 (\$ millions)

Figure 76. Global Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share Forecast by Type (2026-2031)

Figure 77. Global Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen Production Technology Market Size Market Share Forecast by Application (2026-2031)

Figure 78. GCC Countries Sodium Borohydride (NaBH₂) Hydrolysis Hydrogen

Production Technology Market Size 2026-2031 (\$ millions)

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