

2026-2031 Global Heavy Water Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

<https://marketpublishers.com/r/HCA25160DEBBEN.html>

Date: January 2026

Pages: 138

Price: US\$ 3,150.00 (Single User License)

ID: HCA25160DEBBEN

Abstracts

This report presents a detailed and holistic analysis of the global Heavy Water market. It integrates quantitative data with qualitative insights to equip readers with the necessary information for strategic planning, competitive assessment, market positioning, and data-driven decision-making.

All market sizes, estimates, and forecasts are expressed in terms of output/shipments and revenue. With 2025 serving as the base year, the report provides historical context from 2020. and projections up to 2031. It includes a complete segmentation of the global market, along with regional market sizes analyzed by type, application, and key industry participants.

Further enriching the analysis, the report outlines the competitive environment, offering profiles of prominent players and their market standings. It also explores key technological advancements and recent developments in product offerings.

Ultimately, this report serves as a vital resource for Heavy Water manufacturers, prospective entrants, and other stakeholders within the industry value chain. It supplies comprehensive data on revenues, production, and average pricing for the overall market and its sub-segments, detailed by company, product type, application, and geographic region.

By Market Players:

Isowater

Cambridge Isotope Laboratories

Mesbah Energy
Heavy Water Board (HWB)
Sichuan Xinhuoju Chemical

By Type

Purity 99%
Purity 99.5%-99.9%
Purity 99.9% and above

By Application

Nuclear Power
Deuterated NMR Solvents
Semiconductor
OLED
Pharmaceutical
Others

By Regions/Countries:

East Asia

Europe

South Asia

Southeast Asia

Middle East

Africa

Oceania

South America

Points Covered in The Report

2026-2031 Global Heavy Water Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application...

The points that are discussed within the report are the major market players that are involved in the market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. This report analyzed 12 years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

Contents

1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by Heavy Water Revenue
- 1.4 Market Analysis by Type
 - 1.4.1 Global Heavy Water Market Size Growth Rate by Type: 2026-2031
 - 1.4.2 Purity 99%
 - 1.4.3 Purity 99.5%-99.9%
 - 1.4.4 Purity 99.9% and above
- 1.5 Market by Application
 - 1.5.1 Global Heavy Water Market Share by Application: 2026-2031
 - 1.5.2 Nuclear Power
 - 1.5.3 Deuterated NMR Solvents
 - 1.5.4 Semiconductor
 - 1.5.5 OLED
 - 1.5.6 Pharmaceutical
 - 1.5.7 Others
- 1.6 Study Objectives
- 1.7 Overview of Global Heavy Water Market
 - 1.7.1 Global Heavy Water Market Status and Outlook (2020-2031)
 - 1.7.2 North America
 - 1.7.3 East Asia
 - 1.7.4 Europe
 - 1.7.5 South Asia
 - 1.7.6 Southeast Asia
 - 1.7.7 Middle East
 - 1.7.8 Africa
 - 1.7.9 Oceania
 - 1.7.10 South America
 - 1.7.11 Rest of the World

2 MANUFACTURING COST STRUCTURE ANALYSIS

- 2.1 Manufacturing Cost Structure Analysis of Heavy Water
- 2.2 Industry Chain Structure of Heavy Water

3 MARKET COMPETITION BY MANUFACTURERS

3.1 Global Heavy Water Production Capacity Market Share by Manufacturers (2020-2025)

3.2 Global Heavy Water Revenue Market Share by Manufacturers (2020-2025)

3.3 Global Heavy Water Average Price by Manufacturers (2020-2025)

4 HEAVY WATER REGIONAL MARKET ANALYSIS

4.1 Heavy Water Production by Regions

4.1.1 Global Heavy Water Production by Regions (2020-2025)

4.1.2 Global Heavy Water Revenue by Regions

4.2 Heavy Water Consumption by Regions

4.3 North America Heavy Water Market Analysis

4.3.1 North America Heavy Water Production

4.3.2 North America Heavy Water Revenue

4.3.3 Key Manufacturers in North America

4.3.4 North America Heavy Water Import and Export

4.4 East Asia Heavy Water Market Analysis

4.4.1 East Asia Heavy Water Production

4.4.2 East Asia Heavy Water Revenue

4.4.3 Key Manufacturers in East Asia

4.4.4 East Asia Heavy Water Import & Export

4.5 Europe Heavy Water Market Analysis

4.5.1 Europe Heavy Water Production

4.5.2 Europe Heavy Water Revenue

4.5.3 Key Manufacturers in Europe

4.5.4 Europe Heavy Water Import & Export

4.6 South Asia Heavy Water Market Analysis

4.6.1 South Asia Heavy Water Production

4.6.2 South Asia Heavy Water Revenue

4.6.3 Key Manufacturers in South Asia

4.6.4 South Asia Heavy Water Import & Export

4.7 Southeast Asia Heavy Water Market Analysis

4.7.1 Southeast Asia Heavy Water Production

4.7.2 Southeast Asia Heavy Water Revenue

4.7.3 Key Manufacturers in Southeast Asia

4.7.4 Southeast Asia Heavy Water Import & Export

4.8 Middle East Heavy Water Market Analysis

- 4.8.1 Middle East Heavy Water Production
- 4.8.2 Middle East Heavy Water Revenue
- 4.8.3 Key Manufacturers in Middle East
- 4.8.4 Middle East Heavy Water Import & Export
- 4.9 Africa Heavy Water Market Analysis
 - 4.9.1 Africa Heavy Water Production
 - 4.9.2 Africa Heavy Water Revenue
 - 4.9.3 Key Manufacturers in Africa
 - 4.9.4 Africa Heavy Water Import & Export
- 4.10 Oceania Heavy Water Market Analysis
 - 4.10.1 Oceania Heavy Water Production
 - 4.10.2 Oceania Heavy Water Revenue
 - 4.10.3 Key Manufacturers in Oceania
 - 4.10.4 Oceania Heavy Water Import & Export
- 4.11 South America Heavy Water Market Analysis
 - 4.11.1 South America Heavy Water Production
 - 4.11.2 South America Heavy Water Revenue
 - 4.11.3 Key Manufacturers in South America
 - 4.11.4 South America Heavy Water Import & Export

5 HEAVY WATER SALES MARKET BY TYPE (2020-2031)

- 5.1 Global Heavy Water Historic Market Size by Type (2020-2025)
- 5.2 Global Heavy Water Forecasted Market Size by Type (2026-2031)

6 HEAVY WATER CONSUMPTION MARKET BY APPLICATION(2020-2031)

- 6.1 Global Heavy Water Historic Market Size by Application (2020-2025)
- 6.2 Global Heavy Water Forecasted Market Size by Application (2026-2031)

7 COMPANY PROFILES AND KEY FIGURES IN HEAVY WATER BUSINESS

- 7.1 Isowater
 - 7.1.1 Isowater Company Profile
 - 7.1.2 Isowater Heavy Water Product Specification
 - 7.1.3 Isowater Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.2 Cambridge Isotope Laboratories
 - 7.2.1 Cambridge Isotope Laboratories Company Profile

- 7.2.2 Cambridge Isotope Laboratories Heavy Water Product Specification
- 7.2.3 Cambridge Isotope Laboratories Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.3 Mesbah Energy
 - 7.3.1 Mesbah Energy Company Profile
 - 7.3.2 Mesbah Energy Heavy Water Product Specification
 - 7.3.3 Mesbah Energy Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.4 Heavy Water Board (HWB)
 - 7.4.1 Heavy Water Board (HWB) Company Profile
 - 7.4.2 Heavy Water Board (HWB) Heavy Water Product Specification
 - 7.4.3 Heavy Water Board (HWB) Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.5 Sichuan Xinhuoju Chemical
 - 7.5.1 Sichuan Xinhuoju Chemical Company Profile
 - 7.5.2 Sichuan Xinhuoju Chemical Heavy Water Product Specification
 - 7.5.3 Sichuan Xinhuoju Chemical Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)

8 PRODUCTION AND SUPPLY FORECAST

- 8.1 Global Forecasted Production of Heavy Water (2026-2031)
- 8.2 Global Forecasted Revenue of Heavy Water (2026-2031)
- 8.3 Global Forecasted Price of Heavy Water (2020-2031)
- 8.4 Global Forecasted Production of Heavy Water by Region (2026-2031)
 - 8.4.1 North America Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.2 East Asia Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.3 Europe Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.4 South Asia Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.5 Southeast Asia Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.6 Middle East Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.7 Africa Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.8 Oceania Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.9 South America Heavy Water Production, Revenue Forecast (2026-2031)
 - 8.4.10 Rest of the World Heavy Water Production, Revenue Forecast (2026-2031)
- 8.5 Forecast by Type and by Application (2026-2031)
 - 8.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2026-2031)
 - 8.5.2 Global Forecasted Consumption of Heavy Water by Application (2026-2031)

9 CONSUMPTION AND DEMAND FORECAST

- 9.1 North America Forecasted Consumption of Heavy Water by Country
- 9.2 East Asia Market Forecasted Consumption of Heavy Water by Country
- 9.3 Europe Market Forecasted Consumption of Heavy Water by Country
- 9.4 South Asia Forecasted Consumption of Heavy Water by Country
- 9.5 Southeast Asia Forecasted Consumption of Heavy Water by Country
- 9.6 Middle East Forecasted Consumption of Heavy Water by Country
- 9.7 Africa Forecasted Consumption of Heavy Water by Country
- 9.8 Oceania Forecasted Consumption of Heavy Water by Country
- 9.9 South America Forecasted Consumption of Heavy Water by Country
- 9.10 Rest of the world Forecasted Consumption of Heavy Water by Country

10 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Channels
 - 10.1.2 Indirect Channels

11 MARKET DYNAMICS

- 11.1 Market Trends
- 11.2 Opportunities and Drivers
- 11.3 Challenges
- 11.4 Porter's Five Forces Analysis

12 CONCLUSION

13 APPENDIX

- 13.1 Methodology/Research Approach
 - 13.1.1 Research Programs/Design
 - 13.1.2 Market Size Estimation
 - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
 - 13.2.1 Secondary Sources
 - 13.2.2 Primary Sources
- 13.3 Disclaimer

List Of Tables

LIST OF TABLES AND FIGURES

Key Players Covered: Ranking by Heavy Water Revenue 2020-2025
Global Heavy Water Market Size by Type: 2026-2031
Global Heavy Water Market Size by Application: 2026-2031
Heavy Water Production Rank and Commercial Production Date of Key Manufacturers
Global Heavy Water Manufacturing Plants Distribution and Commercial Production Date
Global Heavy Water Production Capacity by Manufacturers
Global Heavy Water Production by Manufacturers (2020-2025)
Global Heavy Water Production Market Share by Manufacturers (2020-2025)
Global Heavy Water Revenue by Manufacturers (2020-2025)
Global Heavy Water Revenue Share by Manufacturers (2020-2025)
Global Market Heavy Water Average Price of Key Manufacturers (2020-2025)
Manufacturers Heavy Water Production Sites and Area Served
Manufacturers Heavy Water Product Type
Global Heavy Water Production by Regions (2020-2025)
Global Heavy Water Production Market Share by Regions (2020-2025)
Global Heavy Water Revenue by Regions (2020-2025)
Global Heavy Water Revenue Market Share by Regions (2020-2025)
Global Heavy Water Consumption by Regions (2020-2025)
Global Heavy Water Consumption Market Share by Regions (2020-2025)
Key Heavy Water Players Sales Volume in North America
North America Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in East Asia
East Asia Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in Europe
Europe Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in South Asia
South Asia Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in Southeast Asia
Southeast Asia Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in Middle East
Middle East Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in Africa
Africa Heavy Water Production, Consumption Import and Export
Key Heavy Water Players Sales Volume in Oceania
Oceania Heavy Water Production, Consumption Import and Export

Key Heavy Water Players Sales Volume in South America
South America Heavy Water Production, Consumption Import and Export
Global Heavy Water Market Size by Type (2020-2025)
Global Heavy Water Revenue Market Share by Type (2020-2025)
Global Heavy Water Forecasted Market Size by Type (2026-2031)
Global Heavy Water Revenue Market Share by Type (2026-2031)
Global Heavy Water Market Size by Application (2020-2025)
Global Heavy Water Revenue Market Share by Application (2020-2025)
Global Heavy Water Forecasted Market Size by Application (2026-2031)
Global Heavy Water Revenue Market Share by Application (2026-2031)
Isowater Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Cambridge Isotope Laboratories Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Mesbah Energy Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Table Heavy Water Board (HWB) Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Sichuan Xinhuoju Chemical Heavy Water Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Global Heavy Water Production Forecast by Region (2026-2031)
Global Heavy Water Sales Volume Forecast by Type (2026-2031)
Global Heavy Water Sales Volume Market Share Forecast by Type (2026-2031)
Global Heavy Water Sales Revenue Forecast by Type (2026-2031)
Global Heavy Water Sales Revenue Market Share Forecast by Type (2026-2031)
Global Heavy Water Sales Price Forecast by Type (2026-2031)
Global Heavy Water Consumption Volume Forecast by Application (2026-2031)
Global Heavy Water Consumption Value Forecast by Application (2026-2031)
North America Heavy Water Consumption Forecast 2026-2031 by Country
East Asia Heavy Water Consumption Forecast 2026-2031 by Country
Europe Heavy Water Consumption Forecast 2026-2031 by Country
South Asia Heavy Water Consumption Forecast 2026-2031 by Country
Southeast Asia Heavy Water Consumption Forecast 2026-2031 by Country
Middle East Heavy Water Consumption Forecast 2026-2031 by Country
Africa Heavy Water Consumption Forecast 2026-2031 by Country
Oceania Heavy Water Consumption Forecast 2026-2031 by Country
South America Heavy Water Consumption Forecast 2026-2031 by Country
Rest of the world Heavy Water Consumption Forecast 2026-2031 by Country
Market Key Trends

Key Opportunities and Drivers: Impact Analysis (2026-2031)

Key Challenges

Research Programs/Design for This Report

Key Data Information from Secondary Sources

Key Data Information from Primary Sources

Global Heavy Water Market Share by Type: 2025 VS 2031

Purity 99% Features

Purity 99.5%-99.9% Features

Purity 99.9% and above Features

Global Heavy Water Market Share by Application: 2025 VS 2031

Nuclear Power Case Studies

Deuterated NMR Solvents Case Studies

Semiconductor Case Studies

OLED Case Studies

Pharmaceutical Case Studies

Others Case Studies

Heavy Water Report Years Considered

Global Heavy Water Market Status and Outlook (2020-2031)

North America Heavy Water Revenue (Value) and Growth Rate (2020-2031)

East Asia Heavy Water Revenue (Value) and Growth Rate (2020-2031)

Europe Heavy Water Revenue (Value) and Growth Rate (2020-2031)

South Asia Heavy Water Revenue (Value) and Growth Rate (2020-2031)

South America Heavy Water Revenue (Value) and Growth Rate (2020-2031)

Middle East Heavy Water Revenue (Value) and Growth Rate (2020-2031)

Africa Heavy Water Revenue (Value) and Growth Rate (2020-2031)

Oceania Heavy Water Revenue (Value) and Growth Rate (2020-2031)

South America Heavy Water Revenue (Value) and Growth Rate (2020-2031)

Rest of the World Heavy Water Revenue (Value) and Growth Rate (2020-2031)

Global Heavy Water Revenue (2020-2031)

Global Heavy Water Production Capacity (2020-2031)

Global Heavy Water Production (2020-2031)

Manufacturing Cost Structure Analysis of Heavy Water in 2025

Manufacturing Process Analysis of Heavy Water

Industry Chain Structure of Heavy Water

Global Heavy Water Production Market Share by Regions in 2025

Global Heavy Water Revenue Market Share by Regions in 2025

North America Heavy Water Production Growth Rate 2020-2025
North America Heavy Water Revenue Growth Rate 2020-2025
East Asia Heavy Water Production Growth Rate 2020-2025
East Asia Heavy Water Revenue Growth Rate 2020-2025
Europe Heavy Water Production Growth Rate 2020-2025
Europe Heavy Water Revenue Growth Rate 2020-2025
South Asia Heavy Water Production Growth Rate 2020-2025
South Asia Heavy Water Revenue Growth Rate 2020-2025
Southeast Asia Heavy Water Production Growth Rate 2020-2025
Southeast Asia Heavy Water Revenue Growth Rate 2020-2025
Middle East Heavy Water Production Growth Rate 2020-2025
Middle East Heavy Water Revenue Growth Rate 2020-2025
Africa Heavy Water Production Growth Rate 2020-2025
Africa Heavy Water Revenue Growth Rate 2020-2025
Oceania Heavy Water Production Growth Rate 2020-2025
Oceania Heavy Water Revenue Growth Rate 2020-2025
South America Heavy Water Production Growth Rate 2020-2025
South America Heavy Water Revenue Growth Rate 2020-2025
Isowater Heavy Water Product Specification
Cambridge Isotope Laboratories Heavy Water Product Specification
Mesbah Energy Heavy Water Product Specification
Heavy Water Board (HWB) Heavy Water Product Specification
Sichuan Xinhuoju Chemical Heavy Water Product Specification
Global Heavy Water Production Capacity Growth Rate Forecast (2026-2031)
Global Heavy Water Revenue Growth Rate Forecast (2026-2031)
Global Heavy Water Price and Trend Forecast (2020-2031)
North America Heavy Water Production Growth Rate Forecast (2026-2031)
North America Heavy Water Revenue Growth Rate Forecast (2026-2031)
East Asia Heavy Water Production Growth Rate Forecast (2026-2031)
East Asia Heavy Water Revenue Growth Rate Forecast (2026-2031)
Europe Heavy Water Production Growth Rate Forecast (2026-2031)
Europe Heavy Water Revenue Growth Rate Forecast (2026-2031)
South Asia Heavy Water Production Growth Rate Forecast (2026-2031)
South Asia Heavy Water Revenue Growth Rate Forecast (2026-2031)
Southeast Asia Heavy Water Production Growth Rate Forecast (2026-2031)
Southeast Asia Heavy Water Revenue Growth Rate Forecast (2026-2031)
Middle East Heavy Water Production Growth Rate Forecast (2026-2031)
Middle East Heavy Water Revenue Growth Rate Forecast (2026-2031)
Africa Heavy Water Production Growth Rate Forecast (2026-2031)

Africa Heavy Water Revenue Growth Rate Forecast (2026-2031)
Oceania Heavy Water Production Growth Rate Forecast (2026-2031)
Oceania Heavy Water Revenue Growth Rate Forecast (2026-2031)
South America Heavy Water Production Growth Rate Forecast (2026-2031)
South America Heavy Water Revenue Growth Rate Forecast (2026-2031)
Rest of the World Heavy Water Production Growth Rate Forecast (2026-2031)
Rest of the World Heavy Water Revenue Growth Rate Forecast (2026-2031)
North America Heavy Water Consumption Forecast 2026-2031
East Asia Heavy Water Consumption Forecast 2026-2031
Europe Heavy Water Consumption Forecast 2026-2031
South Asia Heavy Water Consumption Forecast 2026-2031
Southeast Asia Heavy Water Consumption Forecast 2026-2031
Middle East Heavy Water Consumption Forecast 2026-2031
Africa Heavy Water Consumption Forecast 2026-2031
Oceania Heavy Water Consumption Forecast 2026-2031
South America Heavy Water Consumption Forecast 2026-2031
Rest of the world Heavy Water Consumption Forecast 2026-2031
Channels of Distribution
Porter's Five Forces Analysis
Key Executives Interviewed

I would like to order

Product name: 2026-2031 Global Heavy Water Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

Product link: <https://marketpublishers.com/r/HCA25160DEBBEN.html>

Price: US\$ 3,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/HCA25160DEBBEN.html>