

Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G9424CAB6A83EN.html>

Date: June 2024

Pages: 101

Price: US\$ 3,480.00 (Single User License)

ID: G9424CAB6A83EN

Abstracts

According to our (Global Info Research) latest study, the global Liquid-Organic Hydrogen Carrier (LOHC) Materials market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Liquid organic hydrogen carriers (LOHC) are organic compounds that can absorb and release hydrogen through chemical reactions. LOHCs can therefore be used as storage media for hydrogen. In principle, every unsaturated compound (organic molecules with C-C double or triple bonds) can take up hydrogen during hydrogenation. The sequence of endothermal dehydrogenation followed by hydrogen purification is considered as the main drawback which limits the overall efficiency of the storage cycle. LOHC shipping without heat recycling has an energy efficiency of 60-70%, depending on the dehydrogenation rate, which is equivalent to liquid hydrogen shipping. With heat recycling, the energy efficiency increase to 80-90%

The Global Info Research report includes an overview of the development of the Liquid-Organic Hydrogen Carrier (LOHC) Materials industry chain, the market status of Hydrogen Transportation (Cyclohexane, Methylcyclohexane), Hydrogen Station (Cyclohexane, Methylcyclohexane), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Liquid-Organic Hydrogen Carrier (LOHC) Materials.

Regionally, the report analyzes the Liquid-Organic Hydrogen Carrier (LOHC) Materials markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific,

particularly China, leads the global Liquid-Organic Hydrogen Carrier (LOHC) Materials market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Liquid-Organic Hydrogen Carrier (LOHC) Materials market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Liquid-Organic Hydrogen Carrier (LOHC) Materials industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Cyclohexane, Methylcyclohexane).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Liquid-Organic Hydrogen Carrier (LOHC) Materials market.

Regional Analysis: The report involves examining the Liquid-Organic Hydrogen Carrier (LOHC) Materials market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Liquid-Organic Hydrogen Carrier (LOHC) Materials market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Liquid-Organic Hydrogen Carrier (LOHC) Materials:

Company Analysis: Report covers individual Liquid-Organic Hydrogen Carrier (LOHC) Materials manufacturers, suppliers, and other relevant industry players. This analysis

includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Liquid-Organic Hydrogen Carrier (LOHC) Materials. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Hydrogen Transportation, Hydrogen Station).

Technology Analysis: Report covers specific technologies relevant to Liquid-Organic Hydrogen Carrier (LOHC) Materials. It assesses the current state, advancements, and potential future developments in Liquid-Organic Hydrogen Carrier (LOHC) Materials areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Liquid-Organic Hydrogen Carrier (LOHC) Materials market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Liquid-Organic Hydrogen Carrier (LOHC) Materials market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Cyclohexane

Methylcyclohexane

N-ethyl carbazole

Dibenzyltoluene

Market segment by Application

Hydrogen Transportation

Hydrogen Station

Major players covered

Hynertech

Chiyoda Corporation

Hydrogenious Technologies

Covalion

Areva

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Liquid-Organic Hydrogen Carrier (LOHC) Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Liquid-Organic Hydrogen Carrier (LOHC) Materials, with price, sales, revenue and global market share of Liquid-Organic Hydrogen Carrier (LOHC) Materials from 2019 to 2024.

Chapter 3, the Liquid-Organic Hydrogen Carrier (LOHC) Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Liquid-Organic Hydrogen Carrier (LOHC) Materials breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Liquid-Organic Hydrogen Carrier (LOHC) Materials market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Liquid-Organic Hydrogen Carrier (LOHC) Materials.

Chapter 14 and 15, to describe Liquid-Organic Hydrogen Carrier (LOHC) Materials sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Liquid-Organic Hydrogen Carrier (LOHC) Materials

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Cyclohexane

1.3.3 Methylcyclohexane

1.3.4 N-ethyl carbazole

1.3.5 Dibenzyltoluene

1.4 Market Analysis by Application

1.4.1 Overview: Global Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Hydrogen Transportation

1.4.3 Hydrogen Station

1.5 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size & Forecast

1.5.1 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (2019-2030)

1.5.3 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Hynertech

2.1.1 Hynertech Details

2.1.2 Hynertech Major Business

2.1.3 Hynertech Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

2.1.4 Hynertech Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Hynertech Recent Developments/Updates

2.2 Chiyoda Corporation

2.2.1 Chiyoda Corporation Details

2.2.2 Chiyoda Corporation Major Business

2.2.3 Chiyoda Corporation Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

2.2.4 Chiyoda Corporation Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Chiyoda Corporation Recent Developments/Updates

2.3 Hydrogenious Technologies

2.3.1 Hydrogenious Technologies Details

2.3.2 Hydrogenious Technologies Major Business

2.3.3 Hydrogenious Technologies Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

2.3.4 Hydrogenious Technologies Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Hydrogenious Technologies Recent Developments/Updates

2.4 Covalion

2.4.1 Covalion Details

2.4.2 Covalion Major Business

2.4.3 Covalion Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

2.4.4 Covalion Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Covalion Recent Developments/Updates

2.5 Areva

2.5.1 Areva Details

2.5.2 Areva Major Business

2.5.3 Areva Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

2.5.4 Areva Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Areva Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LIQUID-ORGANIC HYDROGEN CARRIER (LOHC) MATERIALS BY MANUFACTURER

3.1 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Manufacturer (2019-2024)

3.2 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Revenue by Manufacturer (2019-2024)

3.3 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Liquid-Organic Hydrogen Carrier (LOHC) Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Liquid-Organic Hydrogen Carrier (LOHC) Materials Manufacturer Market Share in 2023

3.4.2 Top 6 Liquid-Organic Hydrogen Carrier (LOHC) Materials Manufacturer Market Share in 2023

3.5 Liquid-Organic Hydrogen Carrier (LOHC) Materials Market: Overall Company Footprint Analysis

3.5.1 Liquid-Organic Hydrogen Carrier (LOHC) Materials Market: Region Footprint

3.5.2 Liquid-Organic Hydrogen Carrier (LOHC) Materials Market: Company Product Type Footprint

3.5.3 Liquid-Organic Hydrogen Carrier (LOHC) Materials Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size by Region

4.1.1 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Region (2019-2030)

4.1.2 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Region (2019-2030)

4.1.3 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Region (2019-2030)

4.2 North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030)

4.3 Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030)

4.4 Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030)

4.5 South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030)

4.6 Middle East and Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type

(2019-2030)

5.2 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Type (2019-2030)

5.3 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2030)

6.2 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Application (2019-2030)

6.3 Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2030)

7.2 North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2030)

7.3 North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size by Country

7.3.1 North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2019-2030)

7.3.2 North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2030)

8.2 Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2030)

8.3 Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size by Country

8.3.1 Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by

Country (2019-2030)

8.3.2 Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size by Region

9.3.1 Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2030)

10.2 South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2030)

10.3 South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size by Country

10.3.1 South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2019-2030)

10.3.2 South America Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Size by Country

11.3.1 Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Drivers

12.2 Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Restraints

12.3 Liquid-Organic Hydrogen Carrier (LOHC) Materials Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Liquid-Organic Hydrogen Carrier (LOHC) Materials and Key Manufacturers

13.2 Manufacturing Costs Percentage of Liquid-Organic Hydrogen Carrier (LOHC) Materials

13.3 Liquid-Organic Hydrogen Carrier (LOHC) Materials Production Process

13.4 Liquid-Organic Hydrogen Carrier (LOHC) Materials Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Liquid-Organic Hydrogen Carrier (LOHC) Materials Typical Distributors

14.3 Liquid-Organic Hydrogen Carrier (LOHC) Materials Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Hynertech Basic Information, Manufacturing Base and Competitors

Table 4. Hynertech Major Business

Table 5. Hynertech Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

Table 6. Hynertech Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Hynertech Recent Developments/Updates

Table 8. Chiyoda Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Chiyoda Corporation Major Business

Table 10. Chiyoda Corporation Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

Table 11. Chiyoda Corporation Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Chiyoda Corporation Recent Developments/Updates

Table 13. Hydrogenious Technologies Basic Information, Manufacturing Base and Competitors

Table 14. Hydrogenious Technologies Major Business

Table 15. Hydrogenious Technologies Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

Table 16. Hydrogenious Technologies Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Hydrogenious Technologies Recent Developments/Updates

Table 18. Covalion Basic Information, Manufacturing Base and Competitors

Table 19. Covalion Major Business

Table 20. Covalion Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

Table 21. Covalion Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market

Share (2019-2024)

Table 22. Covalion Recent Developments/Updates

Table 23. Areva Basic Information, Manufacturing Base and Competitors

Table 24. Areva Major Business

Table 25. Areva Liquid-Organic Hydrogen Carrier (LOHC) Materials Product and Services

Table 26. Areva Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Areva Recent Developments/Updates

Table 28. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Manufacturer (2019-2024) & (Tons)

Table 29. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Revenue by Manufacturer (2019-2024) & (USD Million)

Table 30. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 31. Market Position of Manufacturers in Liquid-Organic Hydrogen Carrier (LOHC) Materials, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 32. Head Office and Liquid-Organic Hydrogen Carrier (LOHC) Materials Production Site of Key Manufacturer

Table 33. Liquid-Organic Hydrogen Carrier (LOHC) Materials Market: Company Product Type Footprint

Table 34. Liquid-Organic Hydrogen Carrier (LOHC) Materials Market: Company Product Application Footprint

Table 35. Liquid-Organic Hydrogen Carrier (LOHC) Materials New Market Entrants and Barriers to Market Entry

Table 36. Liquid-Organic Hydrogen Carrier (LOHC) Materials Mergers, Acquisition, Agreements, and Collaborations

Table 37. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Region (2019-2024) & (Tons)

Table 38. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Region (2025-2030) & (Tons)

Table 39. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 40. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 41. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Region (2019-2024) & (US\$/Ton)

Table 42. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by

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

Table 43. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2024) & (Tons)

Table 44. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2025-2030) & (Tons)

Table 45. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Type (2019-2024) & (USD Million)

Table 46. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Type (2025-2030) & (USD Million)

Table 47. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Type (2019-2024) & (US\$/Ton)

Table 48. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Type (2025-2030) & (US\$/Ton)

Table 49. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2024) & (Tons)

Table 50. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2025-2030) & (Tons)

Table 51. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Application (2019-2024) & (USD Million)

Table 52. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Application (2025-2030) & (USD Million)

Table 53. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Application (2019-2024) & (US\$/Ton)

Table 54. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Application (2025-2030) & (US\$/Ton)

Table 55. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2024) & (Tons)

Table 56. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2025-2030) & (Tons)

Table 57. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2024) & (Tons)

Table 58. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2025-2030) & (Tons)

Table 59. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2019-2024) & (Tons)

Table 60. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2025-2030) & (Tons)

Table 61. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2019-2024) & (USD Million)

- Table 62. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2025-2030) & (USD Million)
- Table 63. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2024) & (Tons)
- Table 64. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2025-2030) & (Tons)
- Table 65. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2024) & (Tons)
- Table 66. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2025-2030) & (Tons)
- Table 67. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2019-2024) & (Tons)
- Table 68. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Country (2025-2030) & (Tons)
- Table 69. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2019-2024) & (USD Million)
- Table 70. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Country (2025-2030) & (USD Million)
- Table 71. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2024) & (Tons)
- Table 72. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2025-2030) & (Tons)
- Table 73. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2019-2024) & (Tons)
- Table 74. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Application (2025-2030) & (Tons)
- Table 75. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Region (2019-2024) & (Tons)
- Table 76. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Region (2025-2030) & (Tons)
- Table 77. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Region (2019-2024) & (USD Million)
- Table 78. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Region (2025-2030) & (USD Million)
- Table 79. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2019-2024) & (Tons)
- Table 80. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity by Type (2025-2030) & (Tons)
- Table 81. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales

Quantity by Application (2019-2024) & (Tons)

Table 82. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales

Quantity by Application (2025-2030) & (Tons)

Table 83. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales

Quantity by Country (2019-2024) & (Tons)

Table 84. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales

Quantity by Country (2025-2030) & (Tons)

Table 85. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Country (2019-2024) & (USD Million)

Table 86. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Country (2025-2030) & (USD Million)

Table 87. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Sales Quantity by Type (2019-2024) & (Tons)

Table 88. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Sales Quantity by Type (2025-2030) & (Tons)

Table 89. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Sales Quantity by Application (2019-2024) & (Tons)

Table 90. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Sales Quantity by Application (2025-2030) & (Tons)

Table 91. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Sales Quantity by Region (2019-2024) & (Tons)

Table 92. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Sales Quantity by Region (2025-2030) & (Tons)

Table 93. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Region (2019-2024) & (USD Million)

Table 94. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials

Consumption Value by Region (2025-2030) & (USD Million)

Table 95. Liquid-Organic Hydrogen Carrier (LOHC) Materials Raw Material

Table 96. Key Manufacturers of Liquid-Organic Hydrogen Carrier (LOHC) Materials

Raw Materials

Table 97. Liquid-Organic Hydrogen Carrier (LOHC) Materials Typical Distributors

Table 98. Liquid-Organic Hydrogen Carrier (LOHC) Materials Typical Customers

LIST OF FIGURE

s

Figure 1. Liquid-Organic Hydrogen Carrier (LOHC) Materials Picture

Figure 2. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value

Market Share by Type in 2023

Figure 4. Cyclohexane Examples

Figure 5. Methylcyclohexane Examples

Figure 6. N-ethyl carbazole Examples

Figure 7. Dibenzyltoluene Examples

Figure 8. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Application in 2023

Figure 10. Hydrogen Transportation Examples

Figure 11. Hydrogen Station Examples

Figure 12. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 13. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 14. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity (2019-2030) & (Tons)

Figure 15. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price (2019-2030) & (US\$/Ton)

Figure 16. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Manufacturer in 2023

Figure 17. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Manufacturer in 2023

Figure 18. Producer Shipments of Liquid-Organic Hydrogen Carrier (LOHC) Materials by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 19. Top 3 Liquid-Organic Hydrogen Carrier (LOHC) Materials Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Top 6 Liquid-Organic Hydrogen Carrier (LOHC) Materials Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Region (2019-2030)

Figure 22. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Region (2019-2030)

Figure 23. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030) & (USD Million)

Figure 24. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030) & (USD Million)

Figure 25. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030) & (USD Million)

Figure 26. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030) & (USD Million)

Figure 27. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value (2019-2030) & (USD Million)

Figure 28. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Type (2019-2030)

Figure 29. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Type (2019-2030)

Figure 30. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Type (2019-2030) & (US\$/Ton)

Figure 31. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Application (2019-2030)

Figure 32. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Application (2019-2030)

Figure 33. Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Average Price by Application (2019-2030) & (US\$/Ton)

Figure 34. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Type (2019-2030)

Figure 35. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Application (2019-2030)

Figure 36. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Country (2019-2030)

Figure 37. North America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Country (2019-2030)

Figure 38. United States Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Canada Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Mexico Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Type (2019-2030)

Figure 42. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Application (2019-2030)

Figure 43. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Country (2019-2030)

Figure 44. Europe Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Country (2019-2030)

Figure 45. Germany Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption

Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. France Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. United Kingdom Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Russia Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Italy Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Type (2019-2030)

Figure 51. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Application (2019-2030)

Figure 52. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Region (2019-2030)

Figure 53. Asia-Pacific Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Region (2019-2030)

Figure 54. China Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Japan Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Korea Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. India Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Southeast Asia Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Australia Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Type (2019-2030)

Figure 61. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Application (2019-2030)

Figure 62. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Country (2019-2030)

Figure 63. South America Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Country (2019-2030)

Figure 64. Brazil Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

- Figure 65. Argentina Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 66. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Type (2019-2030)
- Figure 67. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Application (2019-2030)
- Figure 68. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Sales Quantity Market Share by Region (2019-2030)
- Figure 69. Middle East & Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value Market Share by Region (2019-2030)
- Figure 70. Turkey Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 71. Egypt Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 72. Saudi Arabia Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 73. South Africa Liquid-Organic Hydrogen Carrier (LOHC) Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 74. Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Drivers
- Figure 75. Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Restraints
- Figure 76. Liquid-Organic Hydrogen Carrier (LOHC) Materials Market Trends
- Figure 77. Porters Five Forces Analysis
- Figure 78. Manufacturing Cost Structure Analysis of Liquid-Organic Hydrogen Carrier (LOHC) Materials in 2023
- Figure 79. Manufacturing Process Analysis of Liquid-Organic Hydrogen Carrier (LOHC) Materials
- Figure 80. Liquid-Organic Hydrogen Carrier (LOHC) Materials Industrial Chain
- Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons
- Figure 84. Methodology
- Figure 85. Research Process and Data Source

I would like to order

Product name: Global Liquid-Organic Hydrogen Carrier (LOHC) Materials Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G9424CAB6A83EN.html>

Price: US\$ 3,480.00 (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/G9424CAB6A83EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

