
Synopsis of Lithium hydroxide Market

Lithium hydroxide is a white hygroscopic crystalline organic compound. It is obtained in anhydrous form, as a monohydrate (LiOH.H2O) base. These monohydrate bases are termed as strong bases. It is soluble in water but not in ethanol and others. Moreover, its high energy density, thermal resistance, long durability, and minimal maintenance are the important trends and factors influencing the market confidently. Therefore, they are used in various end-use industries such as automotive, electrical & electronics, marine, aerospace, and others.

Lithium hydroxide is manufactured from various sources such as brines, and petroleum hard rocks. The brines is the most common source where lithium hydroxide is produced. Due to its economic nature, the manufacturers in various countries have developed their own production of lithium hydroxide. Among the various segments in lithium hydroxide market, the batteries segment is projected to expand at a significant rate due to extensive consumption of the compound in the production of lithium-ion (Li-Ion) batteries, hybrid and electric vehicles (H/EVs), energy storage systems, and others. It is estimated that the increasing demand for the compound in greases, ceramic glass, and air-conditioning equipment are projected to drive the market due to its reduced weight and enhanced strength offered by the product. The market by the end-use is further classified into automotive, electrical & electronics, marine, aerospace, and others. Among these, the electrical & electronics segment holds the major portion of the market on account of growing use of the product in the industry. Moreover, the increasing use of lithium hydroxide in gas purification systems in various sectors such as marine, aerospace, and others are propelled to drive the market over the assessment period.

The Global Lithium Hydroxide Market share by application

Regional Analysis

The Lithium hydroxide market is segmented across five regions: Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. Among these, Asia Pacific holds the major share of the market due to the growing adoption of lightweight metal in batteries, glass, grease, air conditioning equipment, and others. The batteries segment holds the major portion and is anticipated to continue its dominance in the market due to extraordinary...
features offered such as high efficiency, energy density, and other characteristics. Therefore, countries such as China, Japan, South Korea, and India are the major players in this market.

The North American region is growing significantly due to growing production of lithium-ion batteries in electrical & electronics industries. It is predicted that growing investments in the end-use industries such as automotive, aerospace, and others are likely to drive the market during the forecast period. The growing consumption of the compound in glass, grease, and air conditioning equipment segments has propelled its growth in countries such as the U.S., Canada, and Mexico to achieve a stunning growth in the market because they provide unique lightweight, thermal resistance, and high standard performance to the product.

The European market has observed a remarkable growth due to stringent rules and regulations implemented by the regional governments to follow lightweight products in end-use industries. The market has been driven by the application of this rule in various segments such as batteries, glass, grease, and air conditioning equipment. It is estimated that the growing innovation and technological advancement in lithium-ion batteries, and other products are predicted to propel the growth in countries such as the U.K, Italy, Germany, and France during the forecast period.

The Middle East & Africa region is estimated to witness a recognized development in the market due to the growing consumption of low-density materials in smartphones, tablets, and other electronic gadgets Moreover, Latin America is anticipated to witness a higher growth in the market due to increasing demand for lithium hydroxide in the end-use industries.

Segmental Analysis
The global lithium hydroxide market is segmented into application and end-use. On the basis of the application, the market is segregated into batteries, ceramic glass, lubricant grease, and air-conditioning segments. The market by the end-use is further categorized into automotive, electrical & electronics, marine, aerospace, and others.

Key Players
Some of the prominent players operating in the global lithium hydroxide market are Albemarle Corporation (U.S.), SQM (Chile), FMC Lithium (U.S.), Tianqi Lithium Corporation (China), Jiangxi Ganfeng Lithium Co., Ltd. (China), LITHIUM AMERICAS (Canada.), MGX Minerals Inc (Canada), Nemaska Lithium (Canada), Galaxy Resources Limited (Australia), and Wealth Minerals Ltd (Canada), among others.

Geographical Analysis
The report covers brief analysis of the major geographic regions namely Asia Pacific, Europe, North America, Latin America, and the Middle East & Africa.

Intended Audience
- Lithium hydroxide market manufacturers
- Traders and Distributors of Lithium hydroxide market
- Production Process Industries
- Potential Investors
- Raw Material Suppliers
- Nationalized Laboratory
4.2 Value Chain/Supply Chain of Global Lithium Hydroxide Market

5 Industry Overview of Global Lithium Hydroxide Market
5.1 Introduction
5.2 Growth Drivers
5.3 Impact analysis
5.4 Market Challenges

6 Market Trends
6.1 Introduction
6.2 Growth Trends
6.3 Impact analysis

7. Global Lithium Hydroxide Market by Application
7.1 Introduction
7.2 Batteries
  7.2.1 Market Estimates & Forecast, 2017-2023
  7.2.2 Market Estimates & Forecast by Region, 2017-2023
7.3 Ceramic glass
  7.3.1 Market Estimates & Forecast, 2017-2023
  7.3.2 Market Estimates & Forecast by Region, 2017-2023
7.4 Lubricant grease
  7.4.1 Market Estimates & Forecast, 2017-2023
  7.4.2 Market Estimates & Forecast by Region, 2017-2023
7.5 Air-conditioning
  7.5.1 Market Estimates & Forecast, 2017-2023
  7.5.2 Market Estimates & Forecast by Region, 2017-2023

8. Global Lithium Hydroxide Market by End-use
8.1 Introduction
8.2 Automotive
  8.2.1 Market Estimates & Forecast, 2017-2023
  8.2.2 Market Estimates & Forecast by Region, 2017-2023
8.3 Electrical & electronics
  8.3.1 Market Estimates & Forecast, 2017-2023
  8.3.2 Market Estimates & Forecast by Region, 2017-2023
8.4 Marine
  8.4.1 Market Estimates & Forecast, 2017-2023
  8.4.2 Market Estimates & Forecast by Region, 2017-2023
8.5 Aerospace
  8.5.1 Market Estimates & Forecast, 2017-2023
  8.5.2 Market Estimates & Forecast by Region, 2017-2023
8.6 Others
  8.6.1 Market Estimates & Forecast, 2017-2023
  8.6.2 Market Estimates & Forecast by Region, 2017-2023

9. Global Lithium Hydroxide Market by Region
9.1 Introduction
9.2 North America
  9.2.1 Market Estimates & Forecast, 2017-2023
  9.2.2 Market Estimates & Forecast by Application, 2017-2023
  9.2.3 Market Estimates & Forecast by End-use, 2017-2023
  9.2.4 US
9.2.4.1 Market Estimates & Forecast, 2017-2023
9.2.4.2 Market Estimates & Forecast by Application, 2017-2023
9.2.4.3 Market Estimates & Forecast by End-use, 2017-2023
9.2.5 Canada
9.2.5.1 Market Estimates & Forecast, 2017-2023
9.2.5.2 Market Estimates & Forecast by Application, 2017-2023
9.2.5.3 Market Estimates & Forecast by End-use, 2017-2023
9.2.6 Mexico
9.2.6.1 Market Estimates & Forecast, 2017-2023
9.2.6.2 Market Estimates & Forecast by Application, 2017-2023
9.2.6.3 Market Estimates & Forecast by End-use, 2017-2023
9.3 Europe
9.3.1 Market Estimates & Forecast, 2017-2023
9.3.2 Market Estimates & Forecast by Application, 2017-2023
9.3.3 Market Estimates & Forecast by End-use, 2017-2023
9.3.4 Germany
9.3.4.1 Market Estimates & Forecast, 2017-2023
9.3.4.2 Market Estimates & Forecast by Application, 2017-2023
9.3.4.3 Market Estimates & Forecast by End-use, 2017-2023
9.3.5 France
9.3.5.1 Market Estimates & Forecast, 2017-2023
9.3.5.2 Market Estimates & Forecast by Application, 2017-2023
9.3.5.3 Market Estimates & Forecast by End-use, 2017-2023
9.3.6 Italy
9.3.6.1 Market Estimates & Forecast, 2017-2023
9.3.6.2 Market Estimates & Forecast by Application, 2017-2023
9.3.6.3 Market Estimates & Forecast by End-use, 2017-2023
9.3.7 U.K
9.3.7.1 Market Estimates & Forecast, 2017-2023
9.3.7.2 Market Estimates & Forecast by Application, 2017-2023
9.3.7.3 Market Estimates & Forecast by End-use, 2017-2023
9.3.8 Rest of Europe
9.3.8.1 Market Estimates & Forecast, 2017-2023
9.3.8.2 Market Estimates & Forecast by Application, 2017-2023
9.3.8.3 Market Estimates & Forecast by End-use, 2017-2023
9.4 Asia Pacific
9.4.1 Market Estimates & Forecast, 2017-2023
9.4.2 Market Estimates & Forecast by Application, 2017-2023
9.4.3 Market Estimates & Forecast by End-use, 2017-2023
9.4.4 China
9.4.4.1 Market Estimates & Forecast, 2017-2023
9.4.4.2 Market Estimates & Forecast by Application, 2017-2023
9.4.4.3 Market Estimates & Forecast by End-use, 2017-2023
9.4.5 India
9.4.5.1 Market Estimates & Forecast, 2017-2023
9.4.5.2 Market Estimates & Forecast by Application, 2017-2023
9.4.5.3 Market Estimates & Forecast by End-use, 2017-2023
9.4.6 Japan
9.4.6.1 Market Estimates & Forecast, 2017-2023
9.4.6.2 Market Estimates & Forecast by Application, 2017-2023
9.4.6.3 Market Estimates & Forecast by End-use, 2017-2023

9.4.7 Rest of Asia Pacific
9.4.7.1 Market Estimates & Forecast, 2017-2023
9.4.7.2 Market Estimates & Forecast by Application, 2017-2023
9.4.7.3 Market Estimates & Forecast by End-use, 2017-2023

9.5 The Middle East & Africa
9.5.1 Market Estimates & Forecast, 2017-2023
9.5.2 Market Estimates & Forecast by Application, 2017-2023
9.5.3 Market Estimates & Forecast by End-use, 2017-2023
9.5.4 Saudi Arabia
9.5.4.1 Market Estimates & Forecast, 2017-2023
9.5.4.2 Market Estimates & Forecast by Application, 2017-2023
9.5.4.3 Market Estimates & Forecast by End-use, 2017-2023
9.5.5 Qatar
9.5.5.1 Market Estimates & Forecast, 2017-2023
9.5.5.2 Market Estimates & Forecast by Application, 2017-2023
9.5.5.3 Market Estimates & Forecast by End-use, 2017-2023
9.5.6 North Africa
9.5.6.1 Market Estimates & Forecast, 2017-2023
9.5.6.2 Market Estimates & Forecast by Application, 2017-2023
9.5.6.3 Market Estimates & Forecast by End-use, 2017-2023
9.5.7 GCC
9.5.7.1 Market Estimates & Forecast, 2017-2023
9.5.7.2 Market Estimates & Forecast by Application, 2017-2023
9.5.7.3 Market Estimates & Forecast by End-use, 2017-2023
9.5.8 Rest of the Middle East & Africa
9.5.8.1 Market Estimates & Forecast, 2017-2023
9.5.8.2 Market Estimates & Forecast by Application, 2017-2023
9.5.8.3 Market Estimates & Forecast by End-use, 2017-2023

9.6 Latin America
9.6.1 Market Estimates & Forecast, 2017-2023
9.6.2 Market Estimates & Forecast by Application, 2017-2023
9.6.3 Market Estimates & Forecast by End-use, 2017-2023
9.6.4 Brazil
9.6.4.1 Market Estimates & Forecast, 2017-2023
9.6.4.2 Market Estimates & Forecast by Application, 2017-2023
9.6.4.3 Market Estimates & Forecast by End-use, 2017-2023
9.6.5 Argentina
9.6.5.1 Market Estimates & Forecast, 2017-2023
9.6.5.2 Market Estimates & Forecast by Application, 2017-2023
9.6.5.3 Market Estimates & Forecast by End-use, 2017-2023
9.6.6 Rest of Latin America

9.6.6.1 Market Estimates & Forecast, 2017-2023

9.6.6.2 Market Estimates & Forecast by Application, 2017-2023

9.6.6.3 Market Estimates & Forecast by End-use, 2017-2023

10. Company Landscape

11. Company Profiles

11.1 Albemarle Corporation

11.1.1 Company Overview

11.1.2 Application/Business Segment Overview

11.1.3 Financial Updates

11.1.4 Key Developments

11.2 BASF SE

11.2.1 Company Overview

11.2.2 Application/Business Segment Overview

11.2.3 Financial Updates

11.2.4 Key Developments

11.3 Honeywell International Inc.

11.3.1 Company Overview

11.3.2 Application/Business Segment Overview

11.3.3 Financial Updates

11.3.4 Key Developments

11.4 Clariant

11.4.1 Company Overview

11.4.2 Application/Business Segment Overview

11.4.3 Financial Updates

11.4.4 Key Developments

11.5 W. R. Grace & Co.-Conn.

11.5.1 Company Overview

11.5.2 Application/Business Segment Overview

11.5.3 Financial Updates

11.5.4 Key Developments

11.6 Tosoh Corporation

11.6.1 Company Overview

11.6.2 Application/Business Segment Overview

11.6.3 Financial Updates

11.6.4 Key Developments

11.7 Union Showa K.K.

11.7.1 Company Overview

11.7.2 Application/Business Segment Overview

11.7.3 Financial Updates

11.7.4 Key Developments

11.8 Zeochem AG

11.8.1 Company Overview

11.8.2 Application/Business Segment Overview

11.8.3 Financial Updates

11.8.4 Key Developments

11.9 Arkema S.A.

11.9.1 Company Overview
11.9.2 Application/Business Segment Overview
11.9.3 Financial Updates
11.9.4 Key Developments
11.10 Zeolyst International
11.10.1 Company Overview
11.10.2 Application/Business Segment Overview
11.10.3 Financial Updates
11.10.4 Key Developments
11.11 Huiying Chemical Industry (Quanzhou) Co., Ltd
11.11.1 Company Overview
11.11.2 Application/Business Segment Overview
11.11.3 Financial Updates
11.11.4 Key Developments
11.12 Chemiewerk Bad Köstritz GmbH.
11.12.1 Company Overview
11.12.2 Application/Business Segment Overview
11.12.3 Financial Updates
11.12.4 Key Developments
11.13 National Aluminium Company Limited (NALCO)
11.13.1 Company Overview
11.13.2 Application/Business Segment Overview
11.13.3 Financial Updates
11.13.4 Key Developments
11.14 Pq Corporation
11.14.1 Company Overview
11.14.2 Application/Business Segment Overview
11.14.3 Financial Updates
11.14.4 Key Developments
11.15 Sorbead India
11.15.1 Company Overview
11.15.2 Application/Business Segment Overview
11.15.3 Financial Updates
11.15.4 Key Developments

12 Conclusion

LIST OF TABLES

Table 1 World Population by Major Regions (2017 to 2030)
Table 2 Global Lithium Hydroxide Market: By Region, 2017-2023
Table 3 North America Lithium Hydroxide Market: By Country, 2017-2023
Table 4 Europe Lithium Hydroxide Market: By Country, 2017-2023
Table 5 Asia Pacific Lithium Hydroxide Market: By Country, 2017-2023
Table 6 The Middle East & Africa Lithium Hydroxide Market: By Country, 2017-2023
Table 7 Latin America Lithium Hydroxide Market: By Country, 2017-2023
Table 8 Global Lithium Hydroxide by Application Market: By Regions, 2017-2023
Table 9 North America Lithium Hydroxide by Application Market: By Country, 2017-2023
Table 10 Europe Lithium Hydroxide by Application Market: By Country, 2017-2023
Table 11 Asia Pacific Lithium Hydroxide by Application Market: By Country, 2017-2023
Table 12 The Middle East & Africa Lithium Hydroxide by Application Market: By Country, 2017-2023
Table 13 Latin America Lithium Hydroxide by Application Market: By Country, 2017-2023
Table 14 Global Lithium Hydroxide by End-use Market: By Regions, 2017-2023
Table 15 North America Lithium Hydroxide by End-use Market: By Country, 2017-2023
Table 16 Europe Lithium Hydroxide by End-use Market: By Country, 2017-2023
Table 17 Asia Pacific Lithium Hydroxide by End-use Market: By Country, 2017-2023
Table 18 The Middle East & Africa Lithium Hydroxide by End-use Market: By Country, 2017-2023
Table 19 Latin America Lithium Hydroxide by End-use Market: By Country, 2017-2023
Table 20 Global Application Market: By Region, 2017-2023
Table 21 Global Application Market: By Region, 2017-2023
Table 22 North America: Lithium Hydroxide Market, By Country
Table 23 North America: Lithium Hydroxide Market, By Application
Table 24 North America: Lithium Hydroxide Market, By End-use
Table 25 Europe: Lithium Hydroxide Market, By Country
Table 26 Europe: Lithium Hydroxide Market, By Application
Table 27 Europe: Lithium Hydroxide Market, By End-use
Table 28 Asia Pacific: Lithium Hydroxide Market, By Country
Table 29 Asia Pacific: Lithium Hydroxide Market, By Application
Table 30 Asia Pacific: Lithium Hydroxide Market, By End-use
Table 31 The Middle East & Africa: Lithium Hydroxide Market, By Country
Table 32 The Middle East & Africa: Lithium Hydroxide Market, By Application
Table 33 The Middle East & Africa: Lithium Hydroxide Market, By End-use
Table 34 Latin America: Lithium Hydroxide Market, By Country
Table 35 Latin America: Lithium Hydroxide Market, By Application
Table 36 Latin America: Lithium Hydroxide Market, By End-use

LIST OF FIGURES

FIGURE 1 Global Lithium Hydroxide market segmentation
FIGURE 2 Forecast Methodology
FIGURE 3 Five Forces Analysis of Global Lithium Hydroxide Market
FIGURE 4 Value Chain of Global Lithium Hydroxide Market
FIGURE 5 Share of Global Lithium Hydroxide Market in 2017, by country (in %)
FIGURE 6 Global Lithium Hydroxide Market, 2017-2023,
FIGURE 7 Sub segments of Application
FIGURE 8 Global Lithium Hydroxide Market size by Application, 2017
FIGURE 9 Share of Global Lithium Hydroxide Market by Application, 2017 to 2023
FIGURE 10 Global Lithium Hydroxide Market size by End-use, 2017
FIGURE 11 Share of Global Lithium Hydroxide Market by End-use, 2017 to 2023