

# **Global Magnesium Hydroxide Market Size Study & Forecast, by Form, Applications and Regional Forecasts 2025-2035**

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## **Abstracts**

The Global Magnesium Hydroxide Market is valued at approximately USD 0.7 billion in 2024 and is anticipated to expand steadily at a CAGR of 4.31% during the forecast period from 2025 to 2035. Known for its exceptional flame-retardant, neutralizing, and buffering capabilities, magnesium hydroxide has positioned itself as a multipurpose compound in several industries including wastewater treatment, pharmaceuticals, and flame retardants. As sustainability drives decision-making across the chemicals industry, magnesium hydroxide is being increasingly adopted for its eco-friendly characteristics, notably as a safer alternative to caustic agents. Its versatility in treating acidic waste, removing heavy metals, and neutralizing pollutants aligns perfectly with rising environmental compliance and health safety standards around the globe.

A key growth catalyst for this market is the rising demand for safer, non-toxic flame retardants in construction, automotive, and electronics sectors, where fire safety regulations continue to tighten. Moreover, the pharmaceutical industry is utilizing magnesium hydroxide extensively as an active ingredient in antacids and laxatives, benefitting from its gentle neutralization effect in gastrointestinal treatments. The growing focus on effective wastewater treatment solutions is also propelling adoption, as municipalities and industries are being compelled to meet stricter effluent discharge norms. Despite the positive trajectory, the market is challenged by factors such as the high cost of synthetic magnesium hydroxide production and performance limitations in some application environments when compared to more aggressive agents. Nevertheless, technological innovations and the emergence of hybrid formulations continue to open new frontiers for market penetration.

From a geographical perspective, North America is anticipated to maintain a significant

share of the global magnesium hydroxide market through 2035. The region benefits from well-established pharmaceutical and water treatment infrastructures, along with increasing regulatory pressure to shift toward environmentally sound flame retardants. Europe also commands considerable influence, driven by the EU's REACH regulations and eco-labeling mandates, which have accelerated the adoption of mineral-based chemicals across industries. Meanwhile, Asia Pacific is emerging as the most rapidly growing market, bolstered by rising industrial activity in China and India, burgeoning investments in wastewater treatment infrastructure, and expanding pharmaceutical manufacturing. Additionally, the growing emphasis on green building materials and flammability standards in APAC's construction sector is amplifying demand for magnesium hydroxide-based fire retardants.

Major market player included in this report are:

Huber Engineered Materials

Ube Industries, Ltd.

Nedmag B.V.

Tateho Chemical Industries Co., Ltd.

Kyowa Chemical Industry Co., Ltd.

Martin Marietta Materials, Inc.

YINGKOU MAGNESITE CHEMICAL IND GROUP CO., LTD

Premier Magnesia, LLC

ICL Group Ltd.

RHI Magnesita N.V.

LEHVOSS Group

Russian Mining Chemical Company

Meishen Technology Co., Ltd.

Naikai Salt Industries Co., Ltd.

Sakai Chemical Industry Co., Ltd.

## Global Magnesium Hydroxide Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Form:

Liquid Magnesium Hydroxide

## Powder Magnesium Hydroxide

### By Applications:

Wastewater Treatment

Pharmaceuticals

Flame Retardants

Chemicals and Others

Fuel Additives

Food and Feed

Abrasives

Others

### By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

## Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

## Latin America

Brazil

Mexico

## Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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