

## **Hydrated Lime Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 177 pages | EMR Inc.

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### **Report description:**

The global hydrated lime market is supported by the growth of global lime market, which attained a value of about USD 52.87 Billion in 2024. The global lime market is expected to grow at a CAGR of 4.00% in the forecast period of 2025-2034 to reach a value of about USD 78.26 Billion by 2034.

#### Rising Demand for Hydrated Lime in Water Treatment Plants Boosting the Market Growth of Hydrated Lime

The exponential rise of the global population is leading to the shortage of drinking water. According to the World Health Organisation (WHO), nearly one-third of the population doesn't have access to safe drinking water. This, along with the alarming water pollution level, is increasing water treatments, consequently strengthening the market growth for hydrated lime. The cost-effectiveness of hydrated lime makes it an ideal choice to increase the alkalinity of the water and contain the growth of microbes, which is significantly contributing to the industry growth. Moreover, hydrated lime is employed as a sludge stabiliser and sludge conditioner to filter industrial and domestic waste, hence augmenting the industry growth. The introduction of various favourable initiatives by governments to combat water shortage is surging the demand for hydrated lime, therefore fuelling the market growth. For instance, the Indian government, in June 2019, launched a project to provide clean and safe drinking water in 50 villages under its rural e-governance, Common Service Centres (CSCs), by setting up filtration plants in nearly one lakh villages, thus surging the demand for hydrated lime.

#### Hydrated Lime: Market Segmentation

Hydrated lime, variously known as slaked lime and calcium hydroxide, is a dry and colourless powder that is obtained by treating calcium oxide with water. It is soluble in water and reduces plasticity and moisture-holding capacity while enhancing stability and solidification. It is used in various applications in major industries, including oil and gas and construction.

#### Market Breakup by Type

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- High Calcium Hydrated Lime
- Dolomitic Hydrated Lime
- Others

#### Market Breakup by Application

- Water Treatment
- Building Materials
- Mineral Processing and Metallurgy
- Pellatisation Of Steel
- Whitening Agent
- Others

#### Market Breakup by End Use

- Mining Industry
- Construction
- Paper Industry
- Chemical
- Oil and Gas
- Others

#### Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Extensive Use of Hydrated Lime in the Construction Industry Bolstering the Hydrated Lime Industry

The robust growth of the construction industry is aiding the market growth. As hydrated lime increases the load-bearing capacity, stability, and non-permeability of soils, it is increasingly used with soils employed in construction sites, which is propelling the market growth. It also reacts with clay mineral surfaces to reduce plasticity and moisture-holding capacity while enhancing stability and solidification. This, in turn, is surging its applications in the construction industry, hence bolstering the market growth.

Moreover, the increasing use of hydrated lime instead of cement in concrete mixture owing to its cost-effectiveness and excellent properties is accelerating the market growth. In addition, hydrated lime is increasingly used in the construction of mortars to increase the balance and strength of the building. The growing use of construction materials with superior strength and permeability to increase the durability of buildings is providing further impetus to the market growth.

#### Key Industry Players in the Global Hydrated Lime Market

The report presents a detailed analysis of the following key players in the global hydrated lime market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

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- Graymont Limited
- Boral Limited
- Nordkalk Corporation
- Sigma Minerals Ltd.
- Lhoist Group
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

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