

North America Magnesite Market Size Worth \$2.7 Billion by 2033, growing at 10.8% CAGR from 2024 to 2033

WIN SIVERS DRIVE, OR, UNITED STATES, March 19, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled "[North America Magnesite Market](#) Type, End-Use and Country: Country Opportunity Analysis and Industry Forecast, 2024–2033," the market is projected to grow substantially in the coming years, with a projected market value of \$1.6 billion by 2033. The market, valued at \$0.5 billion in 2023, is expected to experience a robust compound annual growth rate (CAGR) of 10.8% from 2024 to 2033.

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Magnesite is a white, crystalline mineral primarily composed of magnesium carbonate, known for its remarkable properties, including high melting points, low thermal conductivity, and resistance to chemical attack. These attributes make it an invaluable material across various industries.

The North American magnesite market finds significant demand in key industrial applications, particularly in the production of refractory materials. The mineral is integral in producing refractory bricks and materials used in high-temperature environments, such as furnaces, kilns, and incinerators. These materials are vital for the steel, cement, and glass manufacturing industries, which rely on magnesite-based products to maintain structural integrity and operational efficiency at extreme temperatures.

Additionally, magnesite plays a crucial role in agriculture, particularly for soil conditioning. As magnesium is an essential nutrient for plant growth, magnesite is used to correct magnesium deficiencies in agricultural soils, optimizing crop yields and ensuring sustainability in large-scale farming operations in both the U.S. and Canada.

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Market Dynamics Driving Growth

The increasing demand for refractory applications, particularly in the steelmaking and cement

industries, is anticipated to drive the growth of the magnesite market in the U.S. and Canada during the forecast period. Steel production requires magnesite linings in vessels like ladles, converters, and electric arc furnaces (EAFs) to handle molten metals, while cement production relies on magnesite refractories for kiln linings. Both applications demand high thermal resistance and durability, qualities that magnesite excels in.

In a recent development, RHI Magnesita, a global leader in refractories, announced plans to acquire the U.S.-based refractory manufacturer Resco Group for up to \$430 million, signaling strong industry investment in the growing demand for magnesite-based products. This acquisition highlights the sector's continued commitment to improving refractory performance and lifespan through advanced research and development.

Environmental Considerations and Industry Challenges

Despite the growing demand for magnesite, the market faces challenges, particularly concerning environmental impacts. The mining and processing of magnesite can strain local water resources, as these processes require significant amounts of water. Managing wastewater and mitigating environmental impacts have become central issues, especially in regions where water scarcity is a concern. The industry must balance its production needs with sustainability efforts to ensure long-term viability.

Segment Analysis and Key Market Drivers

The North American magnesite market is segmented based on type, end-use, and country. The market is primarily divided into fused magnesite, dead-burnt magnesite, and other forms, including caustic calcined magnesite (CCM). Among these, the "other" segment, which includes CCM, is expected to be the fastest-growing segment, with a CAGR of 12.1% during the forecast period. CCM is widely used in agriculture as a magnesium supplement in fertilizers and animal feed, enhancing soil fertility and improving crop and livestock yields.

The market also continues to benefit from applications in water and wastewater treatment, paper and pulp production, and other sectors requiring magnesium compounds. The U.S. and Canada remain key contributors to the overall market, with the two countries driving much of the demand for magnesite-based products.

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Key Players in the North American Magnesite Market

Several key players are contributing to the growth of the North American magnesite market, including:

Baymag

LKAB Minerals
RHI Magnesita
Calix
Grecian Magnesite
Martin Marietta Magnesia Specialties
American Magnesium
US Magnesium LLC
Gossan Resources
American Element

Key Takeaways:

- 1) Quantitative information mentioned in the North America magnesite market includes the market numbers in terms of value (\$Billion) and volume (Pounds) concerning different segments, annual growth rate, CAGR (2024-33), and growth analysis.
- 2) The analysis in the report is provided based on end-use. The study is expected to contain qualitative information such as the market dynamics (drivers, restraints, opportunities), Porter's Five Force Analysis, key regulations across the region, and value chain analysis.
- 3) A few companies, including Baymag, LKAB Minerals, RHI Magnesita, Calix, Grecian Magnesite, Martin Marietta Magnesia Specialties, American Magnesium, US Magnesium LLC, Gossan Resources, and American Elements hold a large proportion of the North America magnesite market.
- 4) This report makes it easier for existing market players and new entrants to the North America magnesite industry to plan their strategies and understand the dynamics of the industry, which helps them make better decisions.

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David Correa

Allied Market Research

+ + 1800-792-5285

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