

Middle East & Africa Calcium Hypochlorite Market Size and Forecast (2021 - 2031)

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Abstracts

The Middle East & Africa calcium hypochlorite market is projected to grow from US\$ 45.4 million in 2024 to US\$ 60.5 million by 2031, registering a CAGR of 4.5% during 2025–2031.

Executive Summary & Market Overview:

Market growth in the region is driven by increasing industrialization and rising government initiatives focused on water conservation and environmental sustainability. According to the World Bank, the population of the Middle East & Africa has expanded significantly and is expected to exceed 720 million by 2050.

At the same time, water scarcity is becoming a critical issue, with per capita water availability projected to fall below the absolute scarcity threshold by 2030. This has made water treatment a key driver of calcium hypochlorite demand, as governments and industries seek efficient solutions to ensure access to clean and safe water. Rapid urbanization and industrial growth are further intensifying the need for wastewater treatment infrastructure.

Segmentation Insights:

By form, powder dominated the market in 2024, followed by granules.

By application, water treatment held the largest share, with additional usage in household cleaners, agrochemicals, pulp and paper, and food and beverage sectors.

Market Outlook:

Sustainability is emerging as a major trend shaping the market. Industries across the region are increasingly adopting environmentally friendly materials and production methods to reduce their carbon footprint. Manufacturers are focusing on improving efficiency, minimizing waste, and optimizing resource use.

There is also a growing emphasis on recycling and safe disposal of chemicals, supported by government regulations and environmental guidelines. Companies are investing in cleaner technologies and sustainable alternatives. For example, Nobian has introduced ISCC PLUS-certified chlorine produced using renewable energy, offering a lower-carbon alternative without compromising performance. Such innovations are expected to play a key role in the future growth of the calcium hypochlorite market.

Country Insights:

The United Arab Emirates held the largest market share in 2024, driven by its strong focus on water treatment and infrastructure development. The country has significantly expanded its water production capacity, which in turn has increased wastewater generation and the need for efficient treatment solutions.

Ongoing investments in water and wastewater treatment projects are fueling demand for calcium hypochlorite, as it remains a critical chemical for disinfection and purification processes. These initiatives align with broader sustainability goals and efforts to ensure long-term water security in the region.

Key Market Players:

Major companies operating in the market include Merck KGaA, American Elements, China Petroleum & Chemical Corp (Sinopec), Westlake Chemical Corporation, Tosoh Corporation, and ACURO ORGANICS LIMITED, among others. These players are focusing on expansion, innovation, and strategic collaborations to strengthen their market presence.

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