

Global Methylglycinediacetic Acid (MGDA) Market 2023

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Abstracts

Description

Methylglycinediacetic acid has garnered considerable attention as an effective and eco-conscious chelating agent for industrial and household cleaning applications. MGDA's propensity to solubilize fatty acids and calcium deposits enables it to rapidly cut through stubborn limescale and hard water stains. As such, it has emerged as a viable addition to various detergent formulations targeting these residues.

Particularly, MGDA has grown in stature as a non-phosphate alternative for dishwashing products. By preventing mineral precipitation on dishes during machine washing cycles, it delivers powerful stain removal sans the environmental persistence associated with conventional chelators. This biproduct of MGDA's high biodegradability has seen it positioned as a more sustainable solution meeting the performance needs of both consumer and commercial cleaning goods manufacturers.

Market reports forecast continued impressive growth of 13.6% annually over the coming decade based on multiple factors driving MGDA adoption. Chief among these is its water solubility across wide pH ranges, granting formulators simple integration into liquid chemistries. As sustainability comes to the fore in the industry, MGDA's status as readily biodegradable resonates strongly with eco-conscious trends seeking non-persistent ingredients. Comparatively affordable versus other options, MGDA also satisfies cost-benefit considerations critical to widespread use.

Most importantly however, MGDA has proven itself through demonstrated efficacy on the toughest soils like limescale. Its prowess in mineral dissolution and hard water cleaning rivals conventional chelators while imparting gentler treatment of surfaces. As

consumers and businesses alike prioritize mild cleansing products suitable for daily use, MGDA fittingly answers this demand.

Looking ahead, the movement toward biodegradable materials can be expected to further lift MGDA's marketplace standing. Emerging uses encompass more specialized cleaning of swimming facilities, industrial settings, agriculture and related domains. With attributes fulfilling performance as well as sustainability criteria, MGDA appears well-positioned to satisfy the evolving needs of the diligent global cleaning consumer.

Market Segmentation

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the source, application, and region.

Segmentation by Source

Natural-Based

Synthetic

Segmentation by Application

Food and Beverages

Household

Industrial Cleaning

Others

Segmentation by Region

North America %li%United States, Canada

Europe %li%United Kingdom, France, Germany, Russia, Rest of Europe

Asia-Pacific – China, India, Japan, Rest of Asia-Pacific

Latin America – Mexico, Brazil, Rest of Latin America

Middle East and Africa %li%Saudi Arabia, United Arab Emirates, Egypt, Rest of Middle East and Africa

The global methylglycinediacetic acid market, based on applications is segmented into food & beverages, household, industrial cleaning, and others. MGDA finds widespread application across these sectors due its chelating properties which help prevent mineral precipitation, corrosion, dye fixation, and water hardness in various solutions. In particular, the food and beverage industry relies heavily on MGDA for functions like sequestering calcium ions in beer brewing and inhibiting enzyme activity in beverage processing. Meanwhile, the industrial cleaning segment utilizes MGDA for its ability to complex heavy metal ions present in wastewaters from industries like metal finishing. These diverse end-uses demonstrate MGDA's versatile performance benefits.

Geographically, North America represents a notably large consumer base, driven in part by high food and beverage consumption as well as stringent industrial wastewater treatment standards. Similarly, Europe displays robust MGDA uptake supported by its dense population and stringent regulatory framework regarding product functionalities and environmental protections. Meanwhile, the rapidly developing Asia Pacific region, led especially by emerging economies such as China and India, is forecast to showcase the strongest growth over the coming years based on surging industrial and consumer product needs accompanying economic expansion.

Major Companies and Competitive Landscape

The market research report covers the analysis of key stake holders of the global methylglycinediacetic acid market. Some of the leading players profiled in the report include BASF SE, Nouryon Holding B.V., S.A. DABEER, Lishui Brandt Chemical Co., Ltd., Shandong Yuanlian Chemical Co., Ltd., Sino Lion (USA) Ltd., Shandong Taihe Water Treatment Co., Ltd., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global methylglycinediacetic acid market.

To classify and forecast the global methylglycinediacetic acid market based on source, application, region.

To identify drivers and challenges for the global methylglycinediacetic acid market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global methylglycinediacetic acid market.

To identify and analyze the profile of leading players operating in the global methylglycinediacetic acid market.

Why Choose This Report

Gain a reliable outlook of the global methylglycinediacetic acid market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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