

Detergent Grade Enzymes Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 162 pages | EMR Inc.

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Report description:

The global detergent grade enzymes market attained a volume of more than 849.32 KMT in 2024 owing to robust demand. The global detergent grade enzymes market is expected to witness a CAGR of 4.20% during the forecast period of 2025-2034, reaching a volume of 1281.59 KMT by 2034 . particularly in economies such as India, China, Indonesia, and Malaysia. The overall enzymes market is expected to support the growth of the global detergent grade enzymes market.

In 2017, Europe and the United States stood as the largest consumers of enzymes. Increased use in paper and pulp, detergent, leather, and textile industries supplemented the growth of the global enzymes market. Greater demand for quality healthcare, greater awareness towards improved quality of food and rising population with changing dietary requirements are further expected to drive the growth of the global enzymes market .

The global detergent grade enzymes market is expected to grow in the years to come owing to an increase of enzyme applications in the food and beverage, detergent, breweries, and pharmaceutical industries. In the medical field, enzymes are used for treating many types of chronic conditions and digestive disorders. Advancements in the field of pharmaceutical and biotechnology such as protein engineering have broadened the scope of use of enzymes which have aided the global enzymes market growth. The Asia Pacific region alone is anticipated to grow at a CAGR of around 10% between 2025 and 2034 due to growth in the pharmaceutical and food and beverage sectors, and greater availability of raw materials for biofuel production. Further, policies by governments of Italy, United States, Germany, Sweden, Austria, and France, seeking to encourage biodiesel production, are expected to boost demand over the next few years.

Detergent Grade Enzymes Industry Segmentation

Enzymes are biocatalysts that accelerate biochemical reactions. Detergent grade enzymes find wide applications in the following sectors:

The major types of the product can be divided as follows:

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- Protease
- Amylase
- Lipase
- Cellulase

Market Breakup by Region

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

Market Analysis

Industrial enzymes display superior features such as removal of stains and function in low temperatures which makes them ideal for use in detergents. While the carbohydrase market is expected to see significant growth due to breakthroughs in enzyme engineering, inadequacies of carbohydrases in uncontrolled pH and temperatures may hinder growth. Proteases are experiencing increased use in nations such as Brazil, China and India in the chemical, pharmaceutical and detergent sectors. Greater awareness of nutrition is also anticipated to drive the demand for enzymes. Applications in yoghurt, cake, and cheese manufacturing along with increasing biodiesel production in Indonesia and Malaysia, supplemented by the greater availability of raw materials would drive the growth of the Lipases market.

The food and beverage sector is anticipated to witness the fastest growth due to an increase in consumers' disposable income and nutritional requirements. Over the coming years, the industry is expected to witness growth spurred by greater use in the production of sugar, dairy, and processing of meat. The pharmaceutical sector would also see increased applications of enzymes in the treatment of chronic illnesses such as cancer and AIDS. Digestive and nutritional enzymes are expected to witness significant growth as well.

Competitive Landscape

In June 2018, Archer Daniels Midland Company and DuPont Industrial Biosciences collaborated to develop, produce, and market cellulose enzymes for grain-based ethanol plant operators.

In December 2017, Grundfos and Novozymes entered an open innovation collaboration to seek new solutions to global water challenges.

The report gives a detailed analysis of the following key players in the global detergent grade enzymes market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Novozymes SA
- Koninklijke DSM N.V
- BASF SE

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- Du Pont
- Archer Daniels Midland Company
- AB Enzymes GmbH
- Amano Enzymes Corporation
- Aum Enzymes
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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