

## Industrial Enzymes Market Size Is Set To Reach USD 9.77 Billion In 2028

Increasing focus on research & development activities and rising demand for sustainable chemicals are some key factors driving market revenue growth

NEW YORK CITY, NY, UNITED STATES, December 3, 2021 /EINPresswire.com/ -- The global <u>industrial enzymes market</u> <u>size</u> is expected to reach USD 9.77 Billion in 2028 and register a CAGR of



6.4% over the forecast period, according to the latest report by Reports and Data. Market revenue growth can be attributed to increasing concerns regarding high CO2 levels, rising demand for bioethanol, and higher focus on research & development activities by key players to develop novel products. Industrial enzymes are commercially used in various end-use verticals such as pharmaceuticals, food and beverage, and biofuels. Application of these enzymes in industrial operation offers multiple advantages over conventional chemical processes such as improved sustainability and efficiency of process.

There are different types of enzymes used in industrial applications such as lipases, carbohydrases, polymerases and nucleases, proteases, and others. Carbohydrases segment accounted for largest revenue share in global market in 2020, driven by increasing usage of carbohydrases in textiles, bioethanol, and food sectors. In addition, increasing application of industrial enzymes in animal feed industry, rapid industrialization in developing countries such as India and China, ongoing technological advancements in the field of biotechnology, and rising investment in food and beverage, as well as pharmaceutical sectors are some key factors expected to drive global industrial enzymes market revenue growth over the forecast period.

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According to the International Energy Agency (IEA), chemical industry is the third-largest contributor of carbon emissions globally. In 2018, companies such as BASF, Sinopec, and Dow Chemical accounted for over 880 million tons of carbon dioxide in the environment. Chemicals used in various industrial processes contribute majorly to increasing greenhouse gas emissions.

Companies in the global market are focusing on research & development activities to introduce sustainable and environmentally friendly products. Introduction of advanced and sustainable chemicals used in a variety of industrial processes is expected to further lead to high demand for industrial enzymes over the forecast period.

Some Key Highlights From the Report:

In September 2021, Solugen, which is a leading sustainable chemical start-up, raised over USD 357 million in a venture funding led by Baillie Gifford and Singapore-based sovereign wealth fund GIC to focus on issues related to climate crisis. Solugen manufactures chemicals from renewable feedstock and enzymes, and further aims to covert carbon into products such as formaldehyde-free resins and building materials.

In September 2018, Kerry Group announced opening of its first plant in Moscow, Russia. The new warehouse and production complex will manufacture ingredients for the meat processing and snacks industry. The company aims to cater to high local demand for products that meet nutrition preferences and consumer taste.

Food and beverages segment accounted for largest revenue share in global market in 2020. This growth can be attributed to increasing use of enzymes in the food sector for dairy products, beverages, processed meat, bakery products, nutraceuticals, and other processed foods to improve nutritional value and quality.

Industrial enzymes market in North America is expected to account for largest revenue share over the forecast period. This is due to presence of established companies in developed countries such as the United States, rapid development of pharmaceutical sector, and increasing awareness about health benefits of consumption of nutraceuticals.

Asia Pacific is expected to register fastest revenue CAGR during the forecast period. This growth can be attributed to increasing awareness about consumption of healthy food products, rapid industrialization, technological advancements in biotechnology sector, presence of large population, and development of food, healthcare, and pharmaceutical industries.

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Some major companies profiled in the market report:

Advanced Enzymes

Amano Enzymes

Aumgene Biosciences

Biocatalysts

**Enzyme Supplies** 

Creative Enzymes

**Enzyme Solutions** 

**Enzymatic Deinking Technologies** 

Sunson Industry Group

DuPont

For the purpose of this report, Reports and Data has segmented global industrial enzymes market based on type, source, form, application, and region:

Type Outlook (Revenue, USD Billion; 2018-2028)

Carbohydrases

Lipases

**Proteases** 

Polymerases & Nucleases

Others

Source Outlook (Revenue, USD Billion; 2018-2028)

**Plant** 

Microorganism

Animal

Form Outlook (Revenue, USD Billion; 2018-2028)

Liquid

Dry

Application Outlook (Revenue, USD Billion; 2018-2028)

Food & Beverages

Bioethanol

**Detergents** 

Textiles & Leather

Paper & Pulp

Wastewater Treatment

Feed

Others

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Regional Outlook (Revenue, USD Billion; 2018-2028)

North America

Europe

Asia Pacific

Latin America

Middle East & Africa

To Identify The Key Trends In The Industry, Research Study At: https://www.reportsanddata.com/report-detail/industrial-enzymes-market

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## **Coupling Agents Market**

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