

LAMEA Fermentation Chemicals Market (2019-2025)

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Abstracts

The LAMEA Fermentation Chemicals Market would witness market growth of 6.3% CAGR during the forecast period (2019-2025). The Brazil market dominated the LAMEA Fermentation Chemicals Market by Region in 2018, and would continue to be a dominant market till 2025; thereby, growing at a CAGR of 5.3 % during the forecast period. Additionally, The UAE market is expected to witness a CAGR of 5.7% during (2019 - 2025).

In March 2019, The Minister of Labour, South Africa, provided notice of her objective for the Occupational Health and Safety, to formulate the regulations in the schedule. In public meetings the Department of Labour has specified that modifications to the Regulations for Hazardous Chemical Agents (RHCA) are just the phase 1 of targeted 2 phases. The phased approach was motivated by the urgent requirement to incorporate modifications to the regulations, which thereby will align to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS); South Africa is a authorized signatory to the United Nations GHS. In Phase 2 much required modifications to other regulations would be done.

Fermentation, a metabolic procedure, produces chemical alterations within organic substrates by the activities of enzymes. It is also explained as the process of energy extraction from carbohydrates in absence of oxygen. With the perspective related to the food processing sector, it is also defined as a process that brings the desired alteration in a beverage or food with the actions of specific microorganisms in a controlled environment or conditions.

While there are a number of chemicals used for the intended fermentation however, most commonly used products for fermentations are Alcohol, Enzymes, and Organic Acids.

Ethanol fermentation, also known as alcohol fermentation, is a biological procedure to convert various sugar forms such as sucrose, fructose and glucose into cellular energy resulting in the production of ethanol and carbon dioxide as by products. Mostly, berries, sugar cane, grapes, corn, wheat, rice, honey, potatoes, hops, barley and other plant materials are used for fermentation. Fermentation has its wide variety of commercial applications mostly in the food processing industry. A large variety of bacteria are utilized for the production of pickles, olives and sauerkraut from the raw olives, cucumbers, and cabbage, respectively. Alcoholic fermentation is the foundation for the manufacturing of alcoholic beverages like beer and wine. In few cases, many antibiotics and other drugs are prepared by using fermentation process. For instance, important drug cortisone is also attained by the fermentation of diosgenin, a plant steroid.

The report highlights the adoption of Fermentation Chemicals in LAMEA. Based on Application, the market is segmented into Industrial, Plastics & Fibers, Food and Beverages, Pharmaceutical and Nutritional and Other Applications. Based on Product, the market is segmented into Alcohols, Organic Acid, Enzymes and Other Products. The report also covers geographical segmentation of Fermentation Chemicals market. The countries included in the report are Brazil, Argentina, UAE, Saudi Arabia, South Africa, Nigeria and Rest of LAMEA.

The major market players expanding their reach in the LAMEA Fermentation Chemicals market are Novozymes A/S, Koch Industries, Inc. (Invista BV), The Dow Chemical Company, BASF SE, Archer Daniels Midland Company, Cargill Corporation, Chr. Hansen Holding A/S, Koninklijke DSM N.V, Ajinomoto Co. Inc. and Evonik Industries AG (RAG-Stiftung).

Scope of the Study

Market Segmentation:

By Application

Industrial

Plastics & Fibers

Food and Beverages

Pharmaceutical and Nutritional

Other Applications

By Product

Alcohols

Organic Acid

Enzymes and

Other Products

By Country

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

Companies Profiled:

Novozymes A/S

Koch Industries, Inc. (Invista BV)

The Dow Chemical Company

BASF SE

Archer Daniels Midland Company

Cargill Corporation

Chr. Hansen Holding A/S

Koninklijke DSM N.V

Ajinomoto Co. Inc. and

Evonik Industries AG (RAG-Stiftung)

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