

Global Fermentation Chemicals Market Size study & Forecast, by Product (Alcohols, Enzymes, Organic Acids, Other Products) by Application (Industrial Application, Food & Beverages, Nutritional and Pharmaceutical, Plastics and Fibers, Other Applications), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G9F10864EAF4EN.html>

Date: February 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9F10864EAF4EN

Abstracts

Global Fermentation Chemicals Market is valued approximately at USD 70.16 billion in 2022 and is anticipated to grow with a growth rate of more than 6.90% over the forecast period 2023-2030. Fermentation chemicals encompass a broad spectrum of substances crucial for the fermentation process, a biological conversion method widely utilized in industries ranging from food and beverages to pharmaceuticals and biofuels. These chemicals play indispensable roles in fostering microbial growth, metabolism, and the production of desired end products. These chemicals play a pivotal role in fostering the growth and metabolic activity of microorganisms during fermentation, facilitating the production of a wide range of valuable products. The Fermentation Chemicals market is expanding because of factors such as increasing demand for bio-based products, expanding pharmaceutical and biotechnology sectors and growth in food and beverage industry.

Fermentation is widely employed in the food and beverage industry for the production of various products such as beer, yogurt, and organic acids. The expanding food and beverage sector contributes to the increased demand for fermentation chemicals. According to Statista, the worldwide beer production in year 2020 stood at 1.79 billion hectoliters which increased to 1.89 billion hectoliters in year 2022. In addition, growing demand from methanol and ethanol industry and investments in research and development are some factors creating new opportunities to the market growth.

However, raw material availability and price volatility stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Fermentation Chemicals Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share. The increasing consumption of chemicals across various sectors, including pharmaceuticals, industrial, and food & beverages, has contributed to this trend. Moreover, the growing pharmaceutical industry in countries such as the U.S., Canada is expected to drive the market growth in the region. Europe is expected to grow at a fastest CAGR during the forecast period. The regional landscape is marked by a growing number of manufacturers and suppliers entering the food & beverage, cosmetics, and pharmaceutical sectors. The notable presence of major cosmetic manufacturing companies in the region is projected to be a key driver for the demand for fermentation chemicals.

Major market player included in this report are:

BASF SE

Novozymes

DuPont Danisco

Amano Enzymes USA Co., Ltd.

AB Enzymes

Chr. Hansen Holding A/S

Evonik Industries AG

Cargill, Incorporated

Ajinomoto Co., Inc.

Teva Pharmaceutical Industries Ltd.

Recent Developments in the Market:

In October 2023, BASF SE disclosed plans to construct a new fermentation facility at its Ludwigshafen site. The facility is intended for the production of crop protection products, focusing on enhancing biological seed treatment and fungicide offerings.

In October 2023, ADM and Solugen revealed their collaboration to manufacture plant-based specialty chemicals, including fermentation chemicals. This production will take place at ADM's corn-processing facility in Minnesota. The joint venture aims to produce bio-based building block molecules and specialty chemicals, serving diverse sectors such as agriculture, cleaning, personal care, and energy.

Global Fermentation Chemicals Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Product, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Alcohols

Enzymes

Organic Acids

Other Products

By Application:

Industrial Application

Food & Beverages

Nutritional And Pharmaceutical

Plastics And Fibers

Other Applications

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot
- 1.2 Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1 Fermentation Chemicals Market, by region, 2020-2030 (USD Billion)
 - 1.2.2 Fermentation Chemicals Market, by Product, 2020-2030 (USD Billion)
 - 1.2.3 Fermentation Chemicals Market, by Application, 2020-2030 (USD Billion)
- 1.3 Key Trends
- 1.4 Estimation Methodology
- 1.5 Research Assumption

CHAPTER 2 GLOBAL FERMENTATION CHEMICALS MARKET DEFINITION AND SCOPE

- 2.1 Objective of the Study
- 2.2 Market Definition & Scope
 - 2.2.1 Industry Evolution
 - 2.2.2 Scope of the Study
- 2.3 Years Considered for the Study
- 2.4 Currency Conversion Rates

CHAPTER 3 GLOBAL FERMENTATION CHEMICALS MARKET DYNAMICS

- 3.1 Fermentation Chemicals Market Impact Analysis (2020-2030)
 - 3.1.1 Market Drivers
 - 3.1.1.1 Increasing demand for bio-based products
 - 3.1.1.2 Expanding pharmaceutical and biotechnology sectors
 - 3.1.1.3 Growth in food and beverage industry
 - 3.1.2 Market Challenges
 - 3.1.2.1 Limited raw material availability
 - 3.1.2.2 Volatility in prices
 - 3.1.3 Market Opportunities
 - 3.1.3.1 Growing demand from methanol and ethanol industry
 - 3.1.3.2 Investments in research and development

CHAPTER 4 GLOBAL FERMENTATION CHEMICALS MARKET: INDUSTRY ANALYSIS

- 4.1 Porter's 5 Force Model
 - 4.1.1 Bargaining Power of Suppliers
 - 4.1.2 Bargaining Power of Buyers
 - 4.1.3 Threat of New Entrants
 - 4.1.4 Threat of Substitutes
 - 4.1.5 Competitive Rivalry
- 4.2 Porter's 5 Force Impact Analysis
- 4.3 PEST Analysis
 - 4.3.1 Political
 - 4.3.2 Economic
 - 4.3.3 Social
 - 4.3.4 Technological
 - 4.3.5 Environmental
 - 4.3.6 Legal
- 4.4 Top investment opportunity
- 4.5 Top winning strategies
- 4.6 COVID-19 Impact Analysis
- 4.7 Disruptive Trends
- 4.8 Industry Expert Perspective
- 4.9 Analyst Recommendation & Conclusion

CHAPTER 5 GLOBAL FERMENTATION CHEMICALS MARKET, BY PRODUCT

- 5.1 Market Snapshot
- 5.2 Global Fermentation Chemicals Market by Product, Performance - Potential Analysis
- 5.3 Global Fermentation Chemicals Market Estimates & Forecasts by Product 2020-2030 (USD Billion)
- 5.4 Fermentation Chemicals Market, Sub Segment Analysis
 - 5.4.1 Alcohols
 - 5.4.2 Enzymes
 - 5.4.3 Organic Acids
 - 5.4.4 Other Products

CHAPTER 6 GLOBAL FERMENTATION CHEMICALS MARKET, BY APPLICATION

- 6.1 Market Snapshot
- 6.2 Global Fermentation Chemicals Market by Application, Performance - Potential

Analysis

6.3 Global Fermentation Chemicals Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

6.4 Fermentation Chemicals Market, Sub Segment Analysis

6.4.1 Industrial Application

6.4.2 Food & Beverages

6.4.3 Nutritional And Pharmaceutical

6.4.4 Plastics And Fibers

6.4.5 Other Applications

CHAPTER 7 GLOBAL FERMENTATION CHEMICALS MARKET, REGIONAL ANALYSIS

7.1 Top Leading Countries

7.2 Top Emerging Countries

7.3 Fermentation Chemicals Market, Regional Market Snapshot

7.4 North America Fermentation Chemicals Market

7.4.1 U.S. Fermentation Chemicals Market

7.4.1.1 Product breakdown estimates & forecasts, 2020-2030

7.4.1.2 Application breakdown estimates & forecasts, 2020-2030

7.4.2 Canada Fermentation Chemicals Market

7.5 Europe Fermentation Chemicals Market Snapshot

7.5.1 U.K. Fermentation Chemicals Market

7.5.2 Germany Fermentation Chemicals Market

7.5.3 France Fermentation Chemicals Market

7.5.4 Spain Fermentation Chemicals Market

7.5.5 Italy Fermentation Chemicals Market

7.5.6 Rest of Europe Fermentation Chemicals Market

7.6 Asia-Pacific Fermentation Chemicals Market Snapshot

7.6.1 China Fermentation Chemicals Market

7.6.2 India Fermentation Chemicals Market

7.6.3 Japan Fermentation Chemicals Market

7.6.4 Australia Fermentation Chemicals Market

7.6.5 South Korea Fermentation Chemicals Market

7.6.6 Rest of Asia Pacific Fermentation Chemicals Market

7.7 Latin America Fermentation Chemicals Market Snapshot

7.7.1 Brazil Fermentation Chemicals Market

7.7.2 Mexico Fermentation Chemicals Market

7.8 Middle East & Africa Fermentation Chemicals Market

- 7.8.1 Saudi Arabia Fermentation Chemicals Market
- 7.8.2 South Africa Fermentation Chemicals Market
- 7.8.3 Rest of Middle East & Africa Fermentation Chemicals Market

CHAPTER 8 COMPETITIVE INTELLIGENCE

- 8.1 Key Company SWOT Analysis
 - 8.1.1 Company
 - 8.1.2 Company
 - 8.1.3 Company
- 8.2 Top Market Strategies
- 8.3 Company Profiles
 - 8.3.1 BASF SE
 - 8.3.1.1 Key Information
 - 8.3.1.2 Overview
 - 8.3.1.3 Financial (Subject to Data Availability)
 - 8.3.1.4 Product Summary
 - 8.3.1.5 Recent Developments
 - 8.3.2 Novozymes
 - 8.3.3 DuPont Danisco
 - 8.3.4 Amano Enzymes USA Co., Ltd.
 - 8.3.5 AB Enzymes
 - 8.3.6 Chr. Hansen Holding A/S
 - 8.3.7 Evonik Industries AG
 - 8.3.8 Cargill, Incorporated
 - 8.3.9 Ajinomoto Co., Inc.
 - 8.3.10 Teva Pharmaceutical Industries Ltd.

CHAPTER 9 RESEARCH PROCESS

- 9.1 Research Process
 - 9.1.1 Data Mining
 - 9.1.2 Analysis
 - 9.1.3 Market Estimation
 - 9.1.4 Validation
 - 9.1.5 Publishing
- 9.2 Research Attributes
- 9.3 Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1 Global Fermentation Chemicals Market, report scope

TABLE 2 Global Fermentation Chemicals Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3 Global Fermentation Chemicals Market estimates & forecasts by Product
2020-2030 (USD Billion)

TABLE 4 Global Fermentation Chemicals Market estimates & forecasts by Application
2020-2030 (USD Billion)

TABLE 5 Global Fermentation Chemicals Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 6 Global Fermentation Chemicals Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7 Global Fermentation Chemicals Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8 Global Fermentation Chemicals Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9 Global Fermentation Chemicals Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10 Global Fermentation Chemicals Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11 Global Fermentation Chemicals Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12 Global Fermentation Chemicals Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13 Global Fermentation Chemicals Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14 Global Fermentation Chemicals Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15 U.S. Fermentation Chemicals Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 16 U.S. Fermentation Chemicals Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 17 U.S. Fermentation Chemicals Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18 Canada Fermentation Chemicals Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 19 Canada Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20 Canada Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21 UK Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22 UK Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23 UK Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24 Germany Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25 Germany Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26 Germany Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27 France Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28 France Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29 France Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30 Italy Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31 Italy Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32 Italy Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33 Spain Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34 Spain Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35 Spain Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36 RoE Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37 RoE Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38 RoE Fermentation Chemicals Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39 China Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40 China Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41 China Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42 India Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43 India Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44 India Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45 Japan Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46 Japan Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47 Japan Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48 South Korea Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49 South Korea Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50 South Korea Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51 Australia Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52 Australia Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53 Australia Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54 RoAPAC Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55 RoAPAC Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56 RoAPAC Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57 Brazil Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58 Brazil Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59 Brazil Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60 Mexico Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61 Mexico Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62 Mexico Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63 RoLA Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64 RoLA Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65 RoLA Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66 Saudi Arabia Fermentation Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67 South Africa Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68 RoMEA Fermentation Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69 List of secondary sources, used in the study of global Fermentation Chemicals Market

TABLE 70 List of primary sources, used in the study of global Fermentation Chemicals Market

TABLE 71 Years considered for the study

TABLE 72 Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1 Global Fermentation Chemicals Market, research methodology
 - FIG 2 Global Fermentation Chemicals Market, Market estimation techniques
 - FIG 3 Global Market size estimates & forecast methods
 - FIG 4 Global Fermentation Chemicals Market, key trends 2022
 - FIG 5 Global Fermentation Chemicals Market, growth prospects 2023-2030
 - FIG 6 Global Fermentation Chemicals Market, porters 5 force model
 - FIG 7 Global Fermentation Chemicals Market, pest analysis
 - FIG 8 Global Fermentation Chemicals Market, value chain analysis
 - FIG 9 Global Fermentation Chemicals Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10 Global Fermentation Chemicals Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11 Global Fermentation Chemicals Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12 Global Fermentation Chemicals Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13 Global Fermentation Chemicals Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14 Global Fermentation Chemicals Market, regional snapshot 2020 & 2030
 - FIG 15 North America Fermentation Chemicals Market 2020 & 2030 (USD Billion)
 - FIG 16 Europe Fermentation Chemicals Market 2020 & 2030 (USD Billion)
 - FIG 17 Asia pacific Fermentation Chemicals Market 2020 & 2030 (USD Billion)
 - FIG 18 Latin America Fermentation Chemicals Market 2020 & 2030 (USD Billion)
 - FIG 19 Middle East & Africa Fermentation Chemicals Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Fermentation Chemicals Market Size study & Forecast, by Product (Alcohols, Enzymes, Organic Acids, Other Products) by Application (Industrial Application, Food & Beverages, Nutritional and Pharmaceutical, Plastics and Fibers, Other Applications), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G9F10864EAF4EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9F10864EAF4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970