

Fatty Acid Derivative Market: Segmented by Type (Unsaturated fatty acid and Saturated fatty acid), By End user (Personal Care and Cosmetics, Home and Industrial Cleaning, Textiles, Agrochemicals, Pharmaceuticals, Rubber, Plastics, Paper and Paper Products, Paints and Varnishes, and Others), and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

[176+ Pages Research Report] Global Fatty Acid Derivative Market to surpass USD 4.2 billion by 2030 from USD 1.1 billion in 2020 at a CAGR of 5.4% in the coming years, i.e., 2021-30.

Product Overview

Fatty acids are organic molecules with lengthy hydrocarbon chains and a carboxylate group at the end. Fatty acids are water-insoluble, however they are quite soluble in organic solvents. The majority of fatty acids come from natural sources like vegetable oil and coconut oil, although some come from petroleum. Various chemical methods, such as hydrogenation, dehydrogenation, and isomerization, are used to create fatty acid derivatives from fatty acids. Fatty acid derivatives are used in a range of industries. These acids form a hormone-like substance in the human body that regulates a variety of bodily functions including blood pressure, blood clotting, blood lipid levels, and inflammation response to injury and infection. In the human body, fatty acid derivatives also function as intracellular messengers.

Market Highlights

Global Fatty Acid Derivative market is expected to project a notable CAGR of 5.4% in 2030.

The chemical sector has seen tremendous expansion in the fatty acid derivative market. Furthermore, the fatty acid derivative market's main players have a big market opportunity due to expanding research and development initiatives.

Global Fatty Acid Derivative: Segments

Unsaturated fatty acids segment to grow with the highest CAGR during 2020-30

Global Fatty Acid Derivative market is segmented by type into Unsaturated fatty acid and Saturated fatty acid. Unsaturated fatty acids segment held the largest market share in the year 2020. Unsaturated fatty acids are made up of one or more carbon-carbon double bonds. Polyunsaturated fatty acids are synthesized with the help of unsaturated fatty acids (PUFAs). Avocado, almonds, soybean, canola, and olive oil, among other foods, are high in unsaturated fats. Unsaturated fatty acids are also preferred as an important component of the diet since they aid to lower cholesterol levels and minimize the risk of heart disease. During the projection period, these are some of the primary variables supporting the unsaturated fatty acids segment's growth.

Home and Industrial Cleaning segment to grow with the highest CAGR during 2020-30

Global Fatty Acid Derivative market is divided by end-user into Personal Care and Cosmetics, Home and Industrial Cleaning, Textiles, Agrochemicals, Pharmaceuticals, Rubber, Plastics, Paper and Paper Products, Paints and Varnishes, and Others. Over the forecast period, the Home and Industrial Cleaning segment is projected to expand at the fastest pace. In the household and industrial cleaning sector, fatty acids are commonly employed as an anti-foaming agent. As a result, raising awareness of the need of cleanliness has resulted in a strong increase in demand for home and industrial products, which is driving up fatty acid consumption throughout the projection period. Furthermore, due of their wetting, emulsifying, and cleaning qualities, fatty acids and oils are utilized in industrial floor cleaners and floor polishes, which is a driving factor for the fatty acid market expansion.

Market Dynamics

Drivers

Substitute for petroleum-derived products and favorable legislation

As petroleum sources will run out at some point in the future, there is an increasing worry about finding alternatives for petroleum-derived products. Petroleum products are extremely harmful to the environment. Some petroleum products can be replaced with fatty acid derivatives, which are environmentally beneficial. The market for fatty acid derivatives is driven by favorable legislation. The use of innovation and technology in the synthesis of fatty acid derivatives is expanding the range of uses available. The market is expected to be propelled by the use of fatty acid derivatives as bio-lubricants.

Increased demand in the home care cleaning sector

In the home care cleaning sector, fatty acid salts are a common type of anionic surfactant. They're found in a variety of cleaning products, including soaps, detergents, bleaches, and cleaners. Some of the fatty acids utilized in soap and detergent products are lauric, myristic, palmitic, stearic, ricinoleic, oleic, linoleic, and linolenic acids. Sodium salts of fatty acids produced from triglycerides or hydrolyzed fatty acids make up about 70–85 percent of natural herbal soap bars. These fatty acids are important in the performance of natural soap and help to keep the cost of finished goods down.

Restraint

Fluctuating prices and COVID-19

During the projected period, the market is likely to be hampered by fluctuating supply and pricing of feedstock materials. Due to different economic restraints and laws, demand for fatty acids declined during the global pandemic, Covid-19. Many fatty acid units were forced to halt production as a result of these rigorous lockdown procedures, limiting the fatty acid market. Furthermore, as a result of the outbreak, the production and export of edible oils declined, lowering demand for fatty acids and resulting in a major drop in fatty acid market revenue. The production, consumption, imports, and exports of fatty acids were also hampered as a result of the covid-19 outbreak.

Global Fatty Acid Derivative: Key Players

Sabir

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

The Dow Chemical Company

Total SA

Repsol SA

BASF SE

Bayer Material Science

ENI S.P.

Ineos Group AG

Royal DSM

Other Prominent Players

Global Fatty Acid Derivative: Regions

Global Fatty Acid Derivative market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. The market in APAC is expected to hold highest CAGR over the forecasted period. The presence of developing countries such as China, India, and others aids regional development. One of the primary reasons driving the market expansion for fatty acids in the Asia Pacific area is the existence of a big population, as well as the increased use of cleaning goods such as soaps and detergents. Furthermore, during the projected period, the Asia Pacific region's developing personal care and cosmetics sector would increase fatty acid consumption.

Global Fatty Acid Derivative is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Fatty Acid Derivative report also contains analysis on:

Fatty Acid Derivative Segments:

By Type

Unsaturated fatty acid

Saturated fatty acid

By End-User

Personal Care and Cosmetics

Home and Industrial Cleaning

Textiles

Agrochemicals

Pharmaceuticals

Rubber

Plastics

Paper and Paper Products

Paints and Varnishes

Others

Fatty Acid Derivative Dynamics

Fatty Acid Derivative Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Fatty Acid Derivative Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 1.1 billion

Revenue forecast in 2030 USD 4.2 billion

Growth Rate CAGR of 5.4% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Type, end-user, and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Sabic, The Dow Chemical Company, Total SA, Repsol SA, BASF SE, Bayer Material Science, ENI S.P.A, Ineos Group AG, Royal DSM, and Other Prominent Players

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******The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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