

Biosurfactants Market Report by Product (Rhamnolipids, Sophorolipids, Methyl Ester Sulfonates (MES), Alkyl Polyglucosides (APG), Sorbitan Esters, Sucrose Esters, and Others), Source (Bacteria, Fungi, Agricultural Waste, Agro-Industrial Waste), Application (Household Detergents, Personal Care, Industrial Cleaners, Food Processing, Oilfield Chemicals, Agricultural Chemicals, Textiles, and Others), and Region 2024-2032

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Abstracts

The global biosurfactants market size reached US\$ 2.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 4.2 Billion by 2032, exhibiting a growth rate (CAGR) of 4.6% during 2024-2032.

Biosurfactants are active compounds made using bacteria, yeasts, and filamentous fungi. They offer several advantages over their synthetic counterparts, which include low toxicity, high biodegradability, and ease of preparation. As a result, they are employed in the textile, chemicals, mining, agriculture, cosmetics, pharmaceutical, and food and beverage (F&B) industries worldwide as wetting agents and functional ingredients. Besides this, as they enhance the solubility and reduce interfacial surface tension, biosurfactants are also utilized as emulsifiers in fossil fuel recovery from petroleum tank bottom sludges and in the bioremediation of heavy crude oil.

Biosurfactants Market Trends:

The rising need for enhancing crop productivity represents one of the key factors

positively influencing the utilization of biosurfactants in the agriculture industry. Biosurfactants are used for hydrophilization of heavy soils to obtain good wettability and evenly distribute fertilizer in the soil. Moreover, growing environmental concerns and increasing risks associated with chemical surfactants are catalyzing the demand for ecofriendly biosurfactants, which are further used in the manufacturing of commercial laundry detergents. Apart from this, as various biosurfactants have strong antibacterial, antifungal, and antiviral properties, they are gaining traction in the pharmaceutical industry as therapeutic and probiotic agents to treat diseases like cancer. Due to the increasing consumer inclination towards organic and natural cosmetic products, biosurfactants are also being used as foaming agents, solubilizers, and cleansers in anti-dandruff shampoos, mascara, lipsticks, and bathing products. Other factors, including escalating demand for packaged food products and rising oil and gas exploration activities, are anticipated to drive the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global biosurfactants market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, source and application.

Breakup by Product:

Rhamnolipids

Sophorolipids

Methyl Ester Sulfonates (MES)

Alkyl Polyglucosides (APG)

Sorbitan Esters

Sucrose Esters

Others

Breakup by Source:

Bacteria

Fungi

Agricultural Waste

Agro-Industrial Waste

Breakup by Application:

Household Detergents

Personal Care

Industrial Cleaners

Food Processing

Oilfield Chemicals

Agricultural Chemicals

Textiles

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Akzo Nobel N.V., BASF SE, Croda International plc, Ecover (S. C. Johnson & Son Inc.), Evonik Industries AG (RAG-Stiftung), Givaudan SA, Henkel AG & Co. KGaA, Jeneil Biotech Inc., Kao Corporation, Kemin Industries Inc., Lion Corporation and Saraya Co. Ltd.

Key Questions Answered in This Report:

How has the global biosurfactants market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global biosurfactants market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the source?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global biosurfactants market and who are the key players?

What is the degree of competition in the industry?

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