

## **Global Biosurfactants Market Report and Forecast 2023-2028**

Market Report | 2023-09-20 | 166 pages | EMR Inc.

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### **Report description:**

Global Biosurfactants Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global biosurfactants market is projected to grow at a CAGR of 5.80% between 2023 and 2028. Aided by the growing environmental concerns and the increasing demand for sustainable and biodegradable products, the market is expected to grow significantly by 2028.

Biosurfactants are surface-active substances derived from living organisms, often bacteria, yeasts, and fungi. They exhibit properties such as reducing surface tension, stabilising emulsions, and promoting foaming, which makes them a vital ingredient in numerous industries, including cosmetics, pharmaceuticals, agriculture, and oil and gas. Unlike their synthetic counterparts, biosurfactants are environmentally friendly, biodegradable, and less toxic, aligning with the global shift towards sustainability. The growing environmental consciousness among consumers and the stringent government regulations against the use of synthetic surfactants are driving the global biosurfactants market growth. The industries are actively seeking greener alternatives to traditional surfactants, leading to a surge in the demand for biosurfactants.

The increasing applications of biosurfactants across various industries further propel the biosurfactants market expansion. In the cosmetics and personal care industry, they are used for their skin-friendly and biocompatible properties, making them ideal for formulations like shampoos, conditioners, and soaps. The pharmaceutical industry uses biosurfactants for their antimicrobial and antiviral activities, which are essential in drug formulations.

In the oil and gas sector, biosurfactants play a critical role in enhancing oil recovery by reducing surface and interfacial tension, making them an essential component in the industry, thus increasing the biosurfactants market demand. They also find significant application in the agriculture industry, where they are used as biopesticides and soil conditioners, promoting plant growth and health.

Looking ahead, the emphasis on green chemistry and sustainable industrial practices is likely to present new opportunities for the biosurfactants market growth. Emerging trends such as the development of novel biosurfactants from agricultural wastes and the exploration of new microbial strains for biosurfactant production highlight the innovative potential of this market. Additionally, advances in biotechnology and increasing research and development activities are expected to propel the market growth.

Market Segmentation

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The market can be divided based on type, application, end use, and region.

#### Market Breakup by Type

- Glycolipids
- Lipopeptides
- Fatty Acids
- Polymeric
- Others

#### Market Breakup by Application

- Emulsifiers
- Humectants
- Preserving Agents
- Others

#### Market Breakup by End Use

- Detergents
- Personal Care
- Food Processing
- Agrochemicals
- Others

#### Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the global biosurfactants companies. Some of the major key players explored in the report by Expert Market Research are as follows:

- BASF SE
- Evonik Industries AG
- Deguan Bio
- Biotensidon GmbH
- Allied Carbon Solutions Co Ltd
- Croda International
- Henkel AG & Co KGAA
- Pfeifer & Langen GmbH
- Insilico Biotechnology AG
- Jeneil Biotech, Inc
- Others

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