

Biosurfactants Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global biosurfactants market size reached US\$ 2.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.6 Billion by 2028, exhibiting a growth rate (CAGR) of 5.6% during 2022-2028.

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 2023-2028. 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?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL BIOSURFACTANTS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Rhamnolipids
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Sophorolipids
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 Methyl Ester Sulfonates (MES)
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Alkyl Polyglucosides (APG)
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Sorbitan Esters
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Sucrose Esters
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast
- 6.7 Others
 - 6.7.1 Market Trends
 - 6.7.2 Market Forecast

7 MARKET BREAKUP BY SOURCE

- 7.1 Bacteria
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Fungi
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Agricultural Waste
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Agro-Industrial Waste
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Household Detergents
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Personal Care
 - 8.2.1 Market Trends

- 8.2.2 Market Forecast
- 8.3 Industrial Cleaners
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Food Processing
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Oilfield Chemicals
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Agricultural Chemicals
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast
- 8.7 Textiles
 - 8.7.1 Market Trends
 - 8.7.2 Market Forecast
- 8.8 Others
 - 8.8.1 Market Trends
 - 8.8.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast

- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Akzo Nobel N.V.

- 14.3.1.1 Company Overview
- 14.3.1.2 Product Portfolio
- 14.3.1.3 Financials
- 14.3.1.4 SWOT Analysis
- 14.3.2 BASF SE
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
- 14.3.3 Croda International plc
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
- 14.3.4 Ecover (S. C. Johnson & Son Inc.)
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
- 14.3.5 Evonik Industries AG (RAG-Stiftung)
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
- 14.3.6 Givaudan SA
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
- 14.3.7 Henkel AG & Co. KGaA
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 Jeneil Biotech Inc.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Kao Corporation
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials

- 14.3.9.4 SWOT Analysis
- 14.3.10 Kemin Industries Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Lion Corporation
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis
- 14.3.12 Saraya Co. Ltd.
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Biosurfactants Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Biosurfactants Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Biosurfactants Market Forecast: Breakup by Source (in Million US\$), 2023-2028

Table 4: Global: Biosurfactants Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Biosurfactants Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Biosurfactants Market: Competitive Structure

Table 7: Global: Biosurfactants Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Biosurfactants Market: Major Drivers and Challenges

Figure 2: Global: Biosurfactants Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Biosurfactants Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Biosurfactants Market: Breakup by Product (in %), 2022

Figure 5: Global: Biosurfactants Market: Breakup by Source (in %), 2022

Figure 6: Global: Biosurfactants Market: Breakup by Application (in %), 2022

Figure 7: Global: Biosurfactants Market: Breakup by Region (in %), 2022

Figure 8: Global: Biosurfactants (Rhamnolipids) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Biosurfactants (Rhamnolipids) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Biosurfactants (Sphorolipids) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Biosurfactants (Sphorolipids) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Biosurfactants (Methyl Ester Sulfonates-MES) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Biosurfactants (Methyl Ester Sulfonates-MES) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Biosurfactants (Alkyl Polyglucosides-APG) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Biosurfactants (Alkyl Polyglucosides-APG) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Biosurfactants (Sorbitan Esters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Biosurfactants (Sorbitan Esters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Biosurfactants (Sucrose Esters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Biosurfactants (Sucrose Esters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Biosurfactants (Other Products) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Biosurfactants (Other Products) Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 22: Global: Biosurfactants (Bacteria) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Biosurfactants (Bacteria) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Biosurfactants (Fungi) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Biosurfactants (Fungi) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Biosurfactants (Agricultural Waste) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Biosurfactants (Agricultural Waste) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Biosurfactants (Agro-Industrial Waste) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Biosurfactants (Agro-Industrial Waste) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Biosurfactants (Household Detergents) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Biosurfactants (Household Detergents) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Biosurfactants (Personal Care) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Biosurfactants (Personal Care) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Biosurfactants (Industrial Cleaners) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Biosurfactants (Industrial Cleaners) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: Biosurfactants (Food Processing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: Biosurfactants (Food Processing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Global: Biosurfactants (Oilfield Chemicals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Global: Biosurfactants (Oilfield Chemicals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: Biosurfactants (Agricultural Chemicals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Global: Biosurfactants (Agricultural Chemicals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Global: Biosurfactants (Textiles) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Global: Biosurfactants (Textiles) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Global: Biosurfactants (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Global: Biosurfactants (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: North America: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: North America: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: United States: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: United States: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Canada: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Canada: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Asia-Pacific: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Asia-Pacific: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: China: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: China: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Japan: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Japan: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: India: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: India: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: South Korea: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: South Korea: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Australia: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Australia: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Indonesia: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Indonesia: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Others: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Europe: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Europe: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Germany: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Germany: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: France: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: France: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: United Kingdom: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: United Kingdom: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Italy: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Italy: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Spain: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Spain: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Russia: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Russia: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Others: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Others: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Latin America: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 85: Latin America: Biosurfactants Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Brazil: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 87: Brazil: Biosurfactants Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 88: Mexico: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 89: Mexico: Biosurfactants Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 90: Others: Biosurfactants Market: Sales Value (in Million US\$), 2017 & 2022

Figure 91: Others: Biosurfactants Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 92: Middle East and Africa: Biosurfactants Market: Sales Value (in Million US\$),
2017 & 2022

Figure 93: Middle East and Africa: Biosurfactants Market: Breakup by Country (in %),
2022

Figure 94: Middle East and Africa: Biosurfactants Market Forecast: Sales Value (in
Million US\$), 2023-2028

Figure 95: Global: Biosurfactants Industry: SWOT Analysis

Figure 96: Global: Biosurfactants Industry: Value Chain Analysis

Figure 97: Global: Biosurfactants Industry: Porter's Five Forces Analysis

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