

COVID-19 Outbreak-Global Bio-Surfactants Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020

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Abstracts

Microbial surfactants (Biosurfactants) are amphiphilic compounds produced in living spaces or excreted extracellular hydrophobic and hydrophilic moieties that confer on the organism the ability to accumulate between fluid phases thus reducing surface and interfacial tension. Biosurfactants are produced by several microorganisms which include *Acinetobacter* sp., *Bacillus* sp, *Candida antartica*, *Pseudomonas aeruginosa*. The physiological role of biosurfactant production in microorganisms includes antimicrobial activity and the ability to make substrates readily available for uptake by the cells in adverse environmental conditions.

The Bio-Surfactants market revenue was xx.xx Million USD in 2019, and will reach xx.xx Million USD in 2025, with a CAGR of x.x% during 2020-2025.

Under COVID-19 outbreak globally, this report provides 360 degrees of analysis from supply chain, import and export control to regional government policy and future influence on the industry. Detailed analysis about market status (2015-2020), enterprise competition pattern, advantages and disadvantages of enterprise products, industry development trends (2020-2025), regional industrial layout characteristics and macroeconomic policies, industrial policy has also been included. From raw materials to end users of this industry are analyzed scientifically, the trends of product circulation and sales channel will be presented as well. Considering COVID-19, this report provides comprehensive and in-depth analysis on how the epidemic push this industry transformation and reform.

In COVID-19 outbreak, Chapter 2.2 of this report provides an analysis of the impact of COVID-19 on the global economy and the Bio-Surfactants industry.

Chapter 3.7 covers the analysis of the impact of COVID-19 from the perspective of the

industry chain.

In addition, chapters 7-11 consider the impact of COVID-19 on the regional economy.

The Bio-Surfactants market can be split based on product types, major applications, and important countries as follows:

Key players in the global Bio-Surfactants market covered in Chapter 12:

Urumqi Unite Bio-Technology Co., Ltd.

Sun Products Corporation

Mitsubishi Chemical Corporation

AkzoNobel

Ecover

Evonik Industries AG

Croda International PLC

Saraya, Soliance

BASF Cognis

In Chapter 4 and 14.1, on the basis of types, the Bio-Surfactants market from 2015 to 2025 is primarily split into:

Glycolipids

Lipopeptides

Phospholipids

Polymeric Biosurfactants

In Chapter 5 and 14.2, on the basis of applications, the Bio-Surfactants market from 2015 to 2025 covers:

Detergents

Personal Care

Agricultural Chemicals

Food Processing

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 6, 7, 8, 9, 10, 11, 14:

North America (Covered in Chapter 7 and 14)

United States

Canada

Mexico

Europe (Covered in Chapter 8 and 14)

Germany
UK
France
Italy
Spain
Russia
Others
Asia-Pacific (Covered in Chapter 9 and 14)
China
Japan
South Korea
Australia
India
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 10 and 14)
Saudi Arabia
UAE
Egypt
Nigeria
South Africa
Others
South America (Covered in Chapter 11 and 14)
Brazil
Argentina
Columbia
Chile
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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