

# Global and Regional Microbial Biosurfactants Market Research Report 2017

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## Abstracts

### SUMMARY

Biosurfactants can be defined as the surface-active biomolecules produced by microorganisms with wide-range of applications. In recent years, due to their unique properties like specificity, low toxicity and relative ease of preparation, these surface-active biomolecules have attracted wide interest. Due to their unique functional properties, biosurfactants were used in several industries including organic chemicals, petroleum, petrochemicals, mining, metallurgy (mainly bioleaching), agrochemicals, fertilizers, foods, beverages, cosmetics, pharmaceuticals and many others. They can be used as emulsifiers as well as demulsifiers, wetting agents, foaming agents, spreading agents, functional food ingredients and detergents. The interfacial surface tension reducing ability of biosurfactants made them to play important role in oil recovery and bioremediation of heavy crude oil.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

## Middle East & Africa

### By Type

Rhamnolipids

Sophorolipids

Mannosylerythritol Lipids (MEL)

### By Application

Food industry

Detergent

Oil industry

Other Application

### By Company

AkzoNobel

BASF

Innospec

CLARIANT

Stepan

SEPPIC

Daqing WOTAISI

Jeneil

Rhamnolipid

Natsurfact

Evonik

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price by type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

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