

# Biosurfactants Market by Type (Sophorolipids, Rhamnolipids, Lipopeptides), Application (Detergents, Personal Care, Food Processing, Agriculture Chemicals), and Region (Europe, North America, Asia Pacific, South America) - Global Forecast to 2028

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## **Report description:**

In terms of value, the biosurfactants market is estimated to grow from USD 1.2 Billion in 2022 to USD 2.3 Billion by 2028, at a CAGR of 11.0%. Detergents and cleaning supplies are among the industries in which biosurfactants are most widely used. By lowering the surface tension of the water and boosting the removal of dirt and stains, they enhance the wetting and cleaning characteristics of these solutions. Cosmetics, skincare, and toiletries all use biosurfactants. In order to improve the emulsification and dispersion of cosmetic components, they function as mild and gentle surfactants.

"Sophorolipids is estimated to be the largest type of the biosurfactants, in terms of value, during the forecast period." The demand for sophorolipids has been increasing in recent years, primarily due to growing concerns about the environmental and health impacts of traditional surfactants. Because sophorolipids are biodegradable, they degrade in the environment into harmless components. This eco-friendly trait is in line with the rising demand for green and sustainable products. Sophorolipids are used in a variety of products, such as detergents, cosmetics, personal care items, food, and environmental cleanup. This versatility has contributed to their growing adaptability.

"Personal care is expected to be the fastest-growing application of the biosurfactants market, in terms of value, during the forecast period."

The need for eco-friendly and sustainable components in cosmetic and personal care products is causing a growth in the usage of

biosurfactants in the personal care business. Biosurfactants are valuable and appealing options for formulators because to their many benefits in personal care applications. Biosurfactants are becoming more popular as regulatory bodies promote the use of ecologically friendly components in personal care products.

"North America is projected to be the second- fastest growing region, in terms of value, during the forecast period in the biosurfactants market."

Regulatory agencies in North America have been supportive of sustainable and green technologies. The demand for biosurfactants in a variety of products, including cleaning supplies, cosmetics, and agricultural products, has been aided by this assistance. Ongoing research efforts in North America have explored the development of new biosurfactant formulations and the optimization of existing ones for specific applications. All these factors to grow the market demand in the region

- By Company Type: Tier 1 - 69%, Tier 2 - 23%, and Tier 3 - 8%

- By Designation: C-Level - 23%, Director Level - 37%, and Others - 40%

- By Region: North America - 32%, Europe - 21%, Asia Pacific - 28%, Middle East & Africa - 12%, South America - 7%

The key players profiled in the report include Evonik Industries AG (Germany), Deugan Biosurfactant Supplier (China), Biotensidon GmbH (Germany), Saraya Co., Ltd (Japan), Allied Carbon Solutions Co., Ltd. (Japan), Daqing VICTEX Industries Co., Ltd., (China), Jeneil Biotech, Inc. (US), BASF SE (US), Holiferm Limited (UK), and Solvay S.A. (Belgium).

#### **Research Coverage**

This report segments the market for biosurfactants based on type, application and region and provides estimations of volume (ton) and value (USD thousand) for the overall market size across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, services, key strategies, associated with the market for biosurfactants.

Reasons to Buy this Report

This research report is focused on various levels of analysis - industry analysis (industry trends), market share analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the biosurfactants market; high-growth regions; and market drivers, restraints, and opportunities. The report provides insights on the following pointers:

- Market Penetration: Comprehensive information on biosurfactants offered by top players in the global market

-[Analysis of key drives: (Increasing demand for green solutions, regulations on use of synthetic surfactants, personal care manufacturers going green), restraints (Less commercialization due to high production cost, conventional abd biobased products gaining popularity, lack of production technology and cost competitiveness of rhamnolipids), opportunities (development of cost effective production technique, rhamnolipids are anti-tumor agents and immunomodulators, rising demand from petroleum industry), and challenges (High raw material cost) influencing the growth of biosurfactants market.

\_Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the biosurfactants market

- Market Development: Comprehensive information about lucrative emerging markets - the report analyzes the markets for biosurfactants across regions

- Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global biosurfactants market

- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the biosurfactants market

# Table of Contents:

1 INTRODUCTION 29 1.1 STUDY OBJECTIVES 29 1.2 MARKET DEFINITION 29 1.2.1 BIOSURFACTANTS MARKET: INCLUSIONS AND EXCLUSIONS 29 1.2.2 BIOSURFACTANTS MARKET: DEFINITION AND INCLUSIONS, BY TYPE 30 1.2.3 BIOSURFACTANTS MARKET: DEFINITION AND INCLUSIONS, BY APPLICATION 30 1.3 MARKET SCOPE 31 FIGURE 1 BIOSURFACTANTS: MARKET SEGMENTATION 31 1.3.1 REGIONS COVERED 31 1.3.2 YEARS CONSIDERED 32 1.4 CURRENCY CONSIDERED 32 1.5 UNITS CONSIDERED 32 1.6 STAKEHOLDERS 32 1.7 SUMMARY OF CHANGES 33 1.7.1 IMPACT OF RECESSION 33 2 RESEARCH METHODOLOGY 34 2.1 RESEARCH DATA 34 FIGURE 2[BIOSURFACTANTS MARKET: RESEARCH DESIGN]34 2.1.1 SECONDARY DATA 35 2.1.2 PRIMARY DATA 35 2.1.2.1 Primary interviews - demand and supply sides 35 2.1.2.2 Key industry insights 36 2.1.2.3 Breakdown of primary interviews 36 2.2 MARKET SIZE ESTIMATION 37 2.2.1 BOTTOM-UP APPROACH 37 FIGURE 3[MARKET SIZE ESTIMATION METHODOLOGY APPROACH 1 (SUPPLY SIDE): COLLECTIVE SHARE OF MAJOR PLAYERS[]37 FIGURE 4[]MARKET SIZE ESTIMATION METHODOLOGY APPROACH 1 BOTTOM-UP (SUPPLY SIDE): COLLECTIVE REVENUE OF ALL PRODUCTS<sub>38</sub> FIGURE 5∏MARKET SIZE ESTIMATION METHODOLOGY APPROACH 2 BOTTOM-UP (DEMAND SIDE): PRODUCTS SOLD∏38 2.2.2 TOP-DOWN APPROACH 39 FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 3 TOP-DOWN 39 2.3 DATA TRIANGULATION 39 FIGURE 7 BIOSURFACTANTS MARKET: DATA TRIANGULATION 40 2.4 GROWTH FORECAST 41 2.4.1 SUPPLY SIDE 41 FIGURE 8⊓MARKET CAGR PROJECTIONS FROM SUPPLY SIDE⊓41 2.4.2 DEMAND SIDE 41 FIGURE 9 MARKET GROWTH PROJECTIONS FROM DEMAND SIDE: DRIVERS AND OPPORTUNITIES 42 2.5⊓IMPACT OF RECESSION∏42 2.6 RESEARCH ASSUMPTIONS 43 2.7 RESEARCH LIMITATIONS 43 2.8 RISK ASSESSMENT 43 TABLE 1[BIOSURFACTANTS MARKET: RISK ASSESSMENT]]43

3 EXECUTIVE SUMMARY 44 FIGURE 10[SOPHOROLIPIDS SEGMENT TO LEAD BIOSURFACTANTS MARKET BETWEEN 2023 AND 2028[45 FIGURE 11 DETERGENTS APPLICATION TO LEAD BIOSURFACTANTS MARKET DURING FORECAST PERIOD 45 FIGURE 12 EUROPE ACCOUNTED FOR LARGEST MARKET SHARE IN 2022 46 4 PREMIUM INSIGHTS 47 4.1⊓ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN BIOSURFACTANTS MARKET∏47 FIGURE 13 GROWING PERSONAL CARE APPLICATION TO DRIVE BIOSURFACTANTS MARKET DURING FORECAST PERIOD 47 4.2 BIOSURFACTANTS MARKET, BY REGION 47 FIGURE 14 EUROPE TO BE LARGEST MARKET FOR BIOSURFACTANTS DURING FORECAST PERIOD 47 4.3 EUROPE: BIOSURFACTANTS MARKET, BY APPLICATION AND COUNTRY, 2022 48 FIGURE 15 DETERGENTS APPLICATION AND GERMANY ACCOUNTED FOR LARGEST SHARES 48 4.4 BIOSURFACTANTS MARKET, BY APPLICATION 48 FIGURE 16 SOPHOROLIPIDS TO BE LARGEST TYPE OF BIOSURFACTANTS DURING FORECAST PERIOD 48 4.5 BIOSURFACTANTS MARKET, APPLICATION VS. REGION 49 FIGURE 17 DETERGENTS SEGMENT LED BIOSURFACTANTS MARKET ACROSS REGIONS IN 2022 49 4.6 BIOSURFACTANTS MARKET: MAJOR COUNTRIES 49 FIGURE 18 GERMANY TO REGISTER HIGHEST CAGR BETWEEN 2023 AND 2028 49 5 MARKET OVERVIEW 50 5.1 INTRODUCTION 50 5.2 MARKET DYNAMICS 51 FIGURE 19 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN BIOSURFACTANTS MARKET 51 5.2.1 DRIVERS 51 5.2.1.1 □Increasing demand for green solutions □51 5.2.1.2 Regulations on use of synthetic surfactants 52 5.2.1.3 Personal care product manufacturers going green 52 5.2.2 RESTRAINTS 52 5.2.2.1 Less commercialization due to high production cost 52 5.2.2.2 Conventional bio-based products gaining popularity 53 5.2.3 OPPORTUNITIES 53 5.2.3.1 Development of cost-effective production techniques TABLE 2 POTENTIAL APPLICATIONS OF BIOSURFACTANTS FOR INDUSTRIAL USES 54 5.2.3.2 Rhamnolipids as antitumor agents and immunomodulators 54 5.2.3.3 Rising demand from petroleum industry 55 5.2.4 CHALLENGES 55 5.2.4.1 Lack of production technology and cost-competitiveness of rhamnolipids 55 5.3 PORTER'S FIVE FORCES ANALYSIS 55 FIGURE 20 BIOSURFACTANTS: PORTER'S FIVE FORCES ANALYSIS 56 5.3.1 THREAT OF SUBSTITUTES 56 5.3.2 BARGAINING POWER OF SUPPLIERS 57 5.3.3 BARGAINING POWER OF BUYERS 57 5.3.4 THREAT OF NEW ENTRANTS 57 5.3.5 INTENSITY OF COMPETITIVE RIVALRY 58 TABLE 3 BIOSURFACTANTS MARKET: PORTER'S FIVE FORCES ANALYSIS 58 5.4 MACROECONOMIC INDICATORS 58 5.4.1 GDP TRENDS AND FORECAST FOR MAJOR ECONOMIES 59 TABLE 4 GDP TRENDS AND FORECAST OF MAJOR ECONOMIES, 2020-2028 (USD BILLION) 59 6 INDUSTRY TRENDS 60

6.1 SUPPLY CHAIN ANALYSIS 60 FIGURE 21 BIOSURFACTANTS: SUPPLY CHAIN 60 6.1.1 RAW MATERIALS 60 6.1.2 MANUFACTURERS 60 6.1.3 DISTRIBUTION NETWORK 61 6.1.4⊓END USERS⊓61 6.2 KEY STAKEHOLDERS & BUYING CRITERIA 61 6.2.1 KEY STAKEHOLDERS IN BUYING PROCESS 61 FIGURE 22 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE APPLICATIONS 61 TABLE 5∏INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE APPLICATIONS (%)∏61 6.2.2 BUYING CRITERIA FIGURE 23⊓KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS∏62 TABLE 6 KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS 62 6.3 ⊓PRICING ANALYSIS ⊓63 6.3.1□AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY APPLICATION□63 FIGURE 24 AVERAGE SELLING PRICE TREND OF KEY PLAYERS FOR TOP THREE APPLICATIONS 163 TABLE 7 AVERAGE SELLING PRICE TREND OF KEY PLAYERS FOR TOP THREE APPLICATIONS, USD/KG 63 6.3.2□AVERAGE SELLING PRICE TREND, BY REGION□64 FIGURE 25 AVERAGE SELLING PRICE TREND OF BIOSURFACTANTS, BY REGION (USD/KG) 64 TABLE 8∏AVERAGE SELLING PRICE TREND OF BIOSURFACTANTS, BY REGION (USD/KG)∏64 6.4 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 65 6.4.1 REVENUE SHIFTS & REVENUE POCKETS FOR BIOSURFACTANTS MARKET 65 FIGURE 26 REVENUE SHIFT FOR BIOSURFACTANTS MARKET 65 6.5 ECOSYSTEM MAPPING 65 TABLE 9 BIOSURFACTANTS MARKET: ECOSYSTEM 66 FIGURE 27 BIOSURFACTANTS: ECOSYSTEM 67 6.6 TECHNOLOGY ANALYSIS 67 6.6.1 SOLID-STATE FERMENTATION PROCESS 67 6.6.2 SPECIFIC YIELD ENHANCEMENT BY MEDIA MODULATIONS 68 6.6.3 BIOSURFACTANT COPRODUCTION FOR PROCESS ECONOMIZATION 68 6.7 CASE STUDY ANALYSIS 68 6.7.1 CASE STUDY ON BIOSURFACTANT FLUSHING WITH MULTI-PHASE EXTRACTION 68 6.8 TRADE DATA STATISTICS 69 6.8.1⊓IMPORT SCENARIO OF SURFACTANTS⊓69 FIGURE 28[IMPORTS OF SURFACTANTS, BY KEY COUNTRY (2012-2021)[69 TABLE 10□IMPORTS OF SURFACTANTS, BY REGION, 2012-2021 (USD MILLION)□69 6.8.2□EXPORT SCENARIO OF SURFACTANTS□69 FIGURE 29 EXPORTS OF SURFACTANTS, BY KEY COUNTRY (2012-2021) 70 TABLE 11□EXPORTS OF SURFACTANTS, BY REGION, 2012-2021 (USD MILLION)□70 6.9 TARIFF AND REGULATORY LANDSCAPE OF BIOSURFACTANTS MARKET 71 6.9.1 ⊓REGULATIONS RELATED TO BIOSURFACTANTS ⊓71 6.9.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 71 6.10 KEY CONFERENCES & EVENTS, 2023-2024 72 TABLE 12□BIOSURFACTANTS MARKET: DETAILED LIST OF CONFERENCES & EVENTS□72 6.11 PATENT ANALYSIS 73 6.11.1□APPROACH□73 6.11.2 DOCUMENT TYPE 73

FIGURE 30 PATENTS REGISTERED FOR BIOSURFACTANTS, 2012-2022 73 FIGURE 31 PATENT PUBLICATION TRENDS FOR BIOSURFACTANTS, 2012-2022 74 6.11.3 LEGAL STATUS OF PATENTS 74 FIGURE 32 LEGAL STATUS OF PATENTS FILED FOR BIOSURFACTANTS 74 6.11.4 URISDICTION ANALYSIS 75 FIGURE 33 HIGHEST NUMBER OF PATENTS FILED BY COMPANIES IN US 75 6.11.5 TOP APPLICANTS 75 FIGURE 34□LOCUS LP CP LLC REGISTERED HIGHEST NUMBER OF PATENTS BETWEEN 2012 AND 2022□75 TABLE 13 LIST OF PATENTS BY LOCUS LP CO LLC 76 TABLE 14 TOP TEN PATENT OWNERS (US) DURING LAST TEN YEARS 77 7
BIOSURFACTANTS MARKET, BY TYPE
78 7.1⊓INTRODUCTION⊓79 TABLE 15 BIOSURFACTANTS: BREAKDOWN OF TYPES AND MICROORGANISMS FIGURE 35⊓RAMNOLIPIDIS TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD∏80 TABLE 16 BIOSURFACTANTS MARKET, BY TYPE, 2017-2021 (USD THOUSAND) 81 TABLE 17 BIOSURFACTANTS MARKET, BY TYPE, 2022-2028 (USD THOUSAND) 81 TABLE 18 BIOSURFACTANTS MARKET, BY TYPE, 2017-2021 (TON) 81 TABLE 19[BIOSURFACTANTS MARKET, BY TYPE, 2022-2028 (TON)[82 7.2 GLYCOLIPIDS 82 7.2.1 HIGH BIODEGRADABILITY AND ENVIRONMENTAL COMPATIBILITY TO DRIVE MARKET 82 7.2.2 SOPHOROLIPIDS 82 7.2.3 RHAMNOLIPIDS 83 7.3 LIPOPEPTIDES 83 7.3.1 CO-FRIENDLINESS, LESS TOXICITY, BIODEGRADABILITY, AND BIOCOMPATIBILITY CHARACTERISTICS TO DRIVE MARKET 83 7.3.2 SURFACTINS 83 7.3.3 LICHENYSINS 83 8 BIOSURFACTANTS MARKET, BY APPLICATION 84 8.1 INTRODUCTION 85 TABLE 20 BIOSURFACTANTS: BREAKDOWN OF APPLICATIONS 85 FIGURE 36 PERSONAL CARE TO BE FASTEST-GROWING APPLICATION IN BIOSURFACTANTS MARKET DURING FORECAST PERIOD 86 TABLE 21⊓BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)⊓86 TABLE 22∏BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)∏86 TABLE 23 BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON) 87 TABLE 24 BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 87 8.2 DETERGENTS 88 8.2.1 INCREASING USE OF ENVIRONMENTALLY FRIENDLY DETERGENTS IN HOME CARE INDUSTRY TO DRIVE MARKET 88 TABLE 25 DETERGENTS: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (USD THOUSAND) 88 TABLE 26 DETERGENTS: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (USD THOUSAND) 88 TABLE 27 DETERGENTS: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (TON) 89 TABLE 28□DETERGENTS: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (TON)□89 8.3 PERSONAL CARE 89 8.3.1 CONSUMER AWARENESS REGARDING USE OF ENVIRONMENTALLY FRIENDLY PRODUCTS TO DRIVE MARKET 89 TABLE 29∏PERSONAL CARE: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (USD THOUSAND)∏90 TABLE 30∏PERSONAL CARE: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (USD THOUSAND)∏90 TABLE 31 PERSONAL CARE: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (TON) 90 TABLE 32 PERSONAL CARE: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (TON) 91 8.4 FOOD PROCESSING 91

8.4.1 INCREASING USE OF BIOSURFACTANTS IN FOOD INDUSTRY TO DRIVE MARKET 91 TABLE 33[FOOD PROCESSING: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (USD THOUSAND)[]91 TABLE 34[FOOD PROCESSING: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (USD THOUSAND)[]92 TABLE 35 FOOD PROCESSING: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (TON) 92 TABLE 36 FOOD PROCESSING: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (TON) 92 8.5 AGRICULTURAL CHEMICALS 93 8.5.1 DEMAND FOR CROP PROTECTION AND IMPROVED SHELF LIFE TO DRIVE MARKET 93 TABLE 37[]AGRICULTURAL CHEMICALS: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (USD THOUSAND)[]93 TABLE 38[]AGRICULTURAL CHEMICALS: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (USD THOUSAND)[]93 TABLE 39∏AGRICULTURAL CHEMICALS: BIOSURFACTANTS MARKET, BY REGION,2017-2021 (TON)∏94 TABLE 40∏AGRICULTURAL CHEMICALS: BIOSURFACTANTS MARKET, BY REGION,2022-2028 (TON)∏94 8.6 OTHER APPLICATIONS 94 TABLE 41 OTHER APPLICATIONS: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (USD THOUSAND) 95 TABLE 42[]OTHER APPLICATIONS: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (USD THOUSAND)[]95 TABLE 43 OTHER APPLICATIONS: BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (TON) 96 TABLE 44 OTHER APPLICATIONS: BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (TON) 96 9⊓BIOSURFACTANTS MARKET, BY REGION⊓97 9.1 INTRODUCTION 98 FIGURE 37 EUROPE TO BE FASTEST-GROWING BIOSURFACTANTS MARKET BETWEEN 2023 AND 2028 98 TABLE 45 BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (USD THOUSAND) 98 TABLE 46 BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (USD THOUSAND) 99 TABLE 47 BIOSURFACTANTS MARKET, BY REGION, 2017-2021 (TON) 99 TABLE 48 BIOSURFACTANTS MARKET, BY REGION, 2022-2028 (TON) 99 9.2[EUROPE]100 FIGURE 38 EUROPE: BIOSURFACTANTS MARKET SNAPSHOT 100 9.2.1 RECESSION IMPACT 101 9.2.2 EUROPE: BIOSURFACTANTS MARKET, BY APPLICATION 101 TABLE 49[]EUROPE: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)[]101 TABLE 50[]EUROPE: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)[]101 TABLE 51⊓EUROPE: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)⊓102 TABLE 52 EUROPE: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 9.2.3 EUROPE: BIOSURFACTANTS MARKET, BY COUNTRY 103 TABLE 53 EUROPE: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (USD THOUSAND) 103 TABLE 54 UROPE: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD THOUSAND) 103 TABLE 55[]EUROPE: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (TON)[]103 TABLE 56 EUROPE: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (TON) 104 9.2.3.1 Germany 104 9.2.3.1.1 Investments from major biosurfactant manufacturing companies 104 TABLE 57∏GERMANY: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)∏104 TABLE 58∏GERMANY: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)∏105 TABLE 59∏GERMANY: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)∏105 TABLE 60 GERMANY: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 105 9.2.3.2 UK 106 9.2.3.2.1 Strong industrial base and easy availability of raw materials 106 TABLE 61∏UK: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)∏106 TABLE 62∏UK: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)∏106

TABLE 63 UK: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON) 107

TABLE 64 UK: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 107 9.2.3.3[France]107 9.2.3.3.1 Economic stability, progressive industrial hubs, and high labor productivity 107 TABLE 65[FRANCE: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)[]108 TABLE 66[]FRANCE: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)[]108 TABLE 67□FRANCE: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)□108 TABLE 68 FRANCE: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 9.3 ASIA PACIFIC 109 FIGURE 39 ASIA PACIFIC: BIOSURFACTANTS MARKET SNAPSHOT 9.3.1 RECESSION IMPACT 110 9.3.2 ASIA PACIFIC: BIOSURFACTANTS MARKET, BY APPLICATION 111 TABLE 69∏ASIA PACIFIC: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)∏111 TABLE 70 ASIA PACIFIC: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND) 111 TABLE 71∏ASIA PACIFIC: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)∏111 TABLE 72∏ASIA PACIFIC: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON)∏112 9.3.3 ASIA PACIFIC: BIOSURFACTANTS MARKET, BY COUNTRY TABLE 73∏ASIA PACIFIC: BIOSURFACTANTS MARKET, BY COUNTRY,2017-2021 (USD THOUSAND)∏112 TABLE 74∏ASIA PACIFIC: BIOSURFACTANTS MARKET, BY COUNTRY,2022-2028 (USD THOUSAND)∏112 TABLE 75[]ASIA PACIFIC: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (TON)[]113 TABLE 76∏ASIA PACIFIC: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (TON)∏113 9.3.3.1[]apan[]113 9.3.3.1.1 Versatile, low-cost, and high-performance biosurfactant products 113 TABLE 77 APAN: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND) 113 TABLE 78 JAPAN: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND) 114 TABLE 79∏JAPAN: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)∏114 TABLE 80∏JAPAN: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON)∏114 9.3.3.2 China 115 9.3.3.2.1 Changing consumer demand and consecutive increase in industrial output 115 TABLE 81 CHINA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND) 115 TABLE 82[CHINA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)[116 TABLE 83 CHINA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON) 116 TABLE 84 CHINA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 9.3.3.3 South Korea 117 9.3.3.3.1 Presence of technologically advanced manufacturers 117 TABLE 85 SOUTH KOREA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND) 117 TABLE 86 SOUTH KOREA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND) 117 TABLE 87∏SOUTH KOREA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)∏118 TABLE 88∏SOUTH KOREA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON)∏118 9.4 NORTH AMERICA 118 FIGURE 40 NORTH AMERICA: BIOSURFACTANTS MARKET SNAPSHOT 119 9.4.1 RECESSION IMPACT 119 9.4.2 NORTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION 120 TABLE 89 NORTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND) 120 TABLE 90[NORTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)[120 TABLE 91[NORTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)[121 TABLE 92[NORTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON)[]121 9.4.3 NORTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY 121

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TABLE 93[NORTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (USD THOUSAND)[121 TABLE 94[]NORTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD THOUSAND)[]122 TABLE 95[]NORTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (TON)]]122 TABLE 96[]NORTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (TON)[]122 9.4.3.1 US 123 9.4.3.1.1 Shift in focus toward use of sustainable plastics across industries 123 TABLE 97[]US: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)]]123 TABLE 98[JUS: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)]123 TABLE 99[US: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)]124 TABLE 100 US: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 124 9.5 SOUTH AMERICA 124 9.5.1 RECESSION IMPACT 125 9.5.2 SOUTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION 125 TABLE 101 SOUTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND) 125 TABLE 102 SOUTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND) 125 TABLE 103 SOUTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON) 126 TABLE 104□SOUTH AMERICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON)□126 9.5.3 SOUTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY 126 TABLE 105[SOUTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (USD THOUSAND)]126 TABLE 106 SOUTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD THOUSAND) 127 TABLE 107∏SOUTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2017-2021 (TON)∏127 TABLE 108⊓SOUTH AMERICA: BIOSURFACTANTS MARKET, BY COUNTRY, 2022-2028 (TON)∏127 9.5.3.1 || Brazil || 127 9.5.3.1.1 Rising exploration activities and discovery of new oilfields 127 TABLE 109[]BRAZIL: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)[]128 TABLE 110[]BRAZIL: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (USD THOUSAND)[]128 TABLE 111 BRAZIL: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON) 128 TABLE 112 BRAZIL: BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON) 129 9.6 MIDDLE EAST & AFRICA 129 9.6.1 RECESSION IMPACT 129 9.6.2 MIDDLE EAST & AFRICA: BIOSURFACTANTS MARKET, BY APPLICATION 130 TABLE 113⊓MIDDLE EAST & AFRICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (USD THOUSAND)∏130 TABLE 114⊓MIDDLE EAST & AFRICA: BIOSURFACTANTS MARKET. BY APPLICATION. 2022-2028 (USD THOUSAND)⊓130 TABLE 115⊓MIDDLE EAST & AFRICA: BIOSURFACTANTS MARKET, BY APPLICATION, 2017-2021 (TON)⊓131 TABLE 116∏MIDDLE EAST & AFRICA BIOSURFACTANTS MARKET, BY APPLICATION, 2022-2028 (TON)∏131 10 COMPETITIVE LANDSCAPE 132 10.1 INTRODUCTION 132 10.2 STRATEGIES ADOPTED BY KEY PLAYERS 132 10.3 RANKING OF KEY MARKET PLAYERS, 2022 133 FIGURE 41 RANKING OF TOP FIVE PLAYERS IN BIOSURFACTANTS MARKET, 2022 133 10.4 MARKET SHARE ANALYSIS 134 TABLE 117 BIOSURFACTANTS MARKET: DEGREE OF COMPETITION 134 FIGURE 42 EVONIK INDUSTRIES AG LED BIOSURFACTANTS MARKET IN 2022 134 10.5 REVENUE ANALYSIS OF TOP FIVE PLAYERS 135 FIGURE 43 REVENUE ANALYSIS FOR KEY COMPANIES, 2018-2022 136 10.6 COMPANY EVALUATION MATRIX 136 10.6.1 STARS 136

10.6.2 EMERGING LEADERS 136 10.6.3 PERVASIVE PLAYERS 137 10.6.4 PARTICIPANTS 137 FIGURE 44 COMPANY EVALUATION MATRIX FOR BIOSURFACTANTS MARKET 137 10.6.5 COMPANY FOOTPRINT ANALYSIS 138 FIGURE 45 BIOSURFACTANTS MARKET: OVERALL COMPANY FOOTPRINT 138 TABLE 118 BIOSURFACTANTS MARKET: TYPE FOOTPRINT 139 TABLE 119 BIOSURFACTANTS MARKET: APPLICATION FOOTPRINT 140 TABLE 120 BIOSURFACTANTS MARKET: REGION FOOTPRINT 141 10.7 START-UP/SME EVALUATION MATRIX 142 10.7.1 PROGRESSIVE COMPANIES 142 10.7.2 RESPONSIVE COMPANIES 142 10.7.3 DYNAMIC COMPANIES 143 10.7.4 STARTING BLOCKS 143 FIGURE 46 START-UP/SME EVALUATION MATRIX FOR BIOSURFACTANTS MARKET 143 10.7.5 COMPETITIVE BENCHMARKING 144 TABLE 121 BIOSURFACTANTS MARKET: DETAILED LIST OF KEY START-UPS/SMES 144 TABLE 122[]BIOSURFACTANTS MARKET: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES[]145 10.8 COMPETITIVE SITUATIONS AND TRENDS 145 10.8.1 PRODUCT LAUNCHES 145 TABLE 123 BIOSURFACTANTS MARKET: PRODUCT LAUNCHES (2019-2023) 145 10.8.2 DEALS 146 TABLE 124 BIOSURFACTANTS MARKET: DEALS (2019-2023) 146 10.8.3 OTHER DEVELOPMENTS 148 TABLE 125 BIOSURFACTANTS MARKET: EXPANSIONS, INVESTMENTS, AND INNOVATIONS (2019- 2023) 148 11 COMPANY PROFILES 149 11.1 KEY PLAYERS 149 (Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)\* 11.1.1 EVONIK INDUSTRIES AG TABLE 126 EVONIK INDUSTRIES AG: COMPANY OVERVIEW 149 FIGURE 47 EVONIK INDUSTRIES AG: COMPANY SNAPSHOT 150 TABLE 127 EVONIK INDUSTRIES AG: PRODUCT LAUNCHES 151 TABLE 128 EVONIK INDUSTRIES AG: DEALS 151 TABLE 129 EVONIK INDUSTRIES AG: OTHER DEVELOPMENTS 151 11.1.2 DEGUAN BIOSURFACTANT SUPPLIER 153 TABLE 130 DEGUAN BIOSURFACTANT SUPPLIER: COMPANY OVERVIEW 153 11.1.3 BIOTENSIDON GMBH 155 TABLE 131 BIOTENSIDON GMBH: COMPANY OVERVIEW 155 11.1.4 SARAYA CO., LTD. 156 TABLE 132 SARAYA CO., LTD.: COMPANY OVERVIEW 156 11.1.5 ALLIED CARBON SOLUTIONS CO., LTD. 157 TABLE 133 ALLIED CARBON SOLUTIONS CO., LTD.: COMPANY OVERVIEW 157 TABLE 134 ALLIED CARBON SOLUTIONS CO., LTD.: DEALS 157 11.1.6 JENEIL BIOTECH, INC. 158 TABLE 135 JENEIL BIOTECH, INC.: COMPANY OVERVIEW 158 11.1.7 BASF SE 160

TABLE 136 BASF SE: COMPANY OVERVIEW 160 FIGURE 48 BASF SE: COMPANY SNAPSHOT 161 TABLE 137 BASF SE: NEW PRODUCT LAUNCHES 162 TABLE 138 BASF SE: DEALS 162 11.1.8 HOLIFERM LIMITED 164 TABLE 139 HOLIFERM LIMITED: COMPANY OVERVIEW 164 TABLE 140 HOLIFERM LIMITED: DEALS 165 TABLE 141 HOLIFERM LIMITED: OTHER DEVELOPMENTS 166 11.1.9 STEPAN COMPANY 167 TABLE 142 STEPAN COMPANY: COMPANY OVERVIEW 167 FIGURE 49 STEPAN COMPANY: COMPANY SNAPSHOT 168 TABLE 143⊓STEPAN COMPANY: DEALS⊓169 11.1.10 KANEKA CORPORATION 171 TABLE 144 KANEKA CORPORATION: COMPANY OVERVIEW 171 FIGURE 50 KANEKA CORPORATION: COMPANY SNAPSHOT 172 11.1.11 RHAMNOLIPID INC. 174 TABLE 145 RHAMNOLIPID INC.: COMPANY OVERVIEW 174 11.1.12 AGAE TECHNOLOGIES, LLC 175 TABLE 146 AGAE TECHNOLOGIES, LLC: COMPANY OVERVIEW 175 11.1.13 GLYCOSURF, LLC 176 TABLE 147 GLYCOSURF, LLC: COMPANY OVERVIEW 176 TABLE 148 GLYCOSURF, LLC: DEALS 177 11.1.14 LOCUS FERMENTATION SOLUTIONS 178 TABLE 149 LOCUS FERMENTATION SOLUTIONS: COMPANY OVERVIEW 178 TABLE 150 LOCUS FERMENTATION SOLUTIONS: PRODUCT LAUNCHES 179 TABLE 151 COUS FERMENTATION SOLUTIONS: DEALS 179 TABLE 152 LOCUS FERMENTATION SOLUTIONS: OTHER DEVELOPMENTS 179 11.1.15 GIVAUDAN SA 180 TABLE 153 GIVAUDAN SA: COMPANY OVERVIEW 180 FIGURE 51 GIVAUDAN SA: COMPANY SNAPSHOT 181 11.1.16 SOLVAY S.A. 182 TABLE 154 SOLVAY S.A.: COMPANY OVERVIEW 182 FIGURE 52 SOLVAY S.A.: COMPANY SNAPSHOT 183 TABLE 155 SOLVAY S.A.: PRODUCT LAUNCHES 184 11.1.17 WHEATOLEO 185 TABLE 156 WHEATOLEO: COMPANY OVERVIEW 185 11.1.18 DAQING VICTEX CHEMICAL INDUSTRIES CO., LTD. 186 TABLE 157 DAQING VICTEX CHEMICAL INDUSTRIES CO., LTD.: COMPANY OVERVIEW 186 11.2 OTHER PLAYERS 187 11.2.1 TENSIOGREEN TECHNOLOGY CORP. 187 TABLE 158 TENSIOGREEN TECHNOLOGY CORP.: COMPANY OVERVIEW 187 11.2.2 HUB.TECH. S.A. 188 TABLE 159 HUB.TECH. S.A.: COMPANY OVERVIEW 188 11.2.3 KEMIN INDUSTRIES, INC. 188 TABLE 160 KEMIN INDUSTRIES, INC.: COMPANY OVERVIEW 188 11.2.4 DISPERSA INC. 189 TABLE 161 DISPERSA INC.: COMPANY OVERVIEW 189

11.2.5 VETLINE 189 TABLE 162 VETLINE: COMPANY OVERVIEW 189 11.2.6 FRAUNHOFER IGB 190 TABLE 163 FRAUNHOFER IGB: COMPANY OVERVIEW 190 11.2.7 ZFA TECHNOLOGIES INC. 191 TABLE 164 TECHNOLOGIES INC.: COMPANY OVERVIEW 191 11.2.8 BIOFUTURE LIMITED 192 TABLE 165 BIOFUTURE LIMITED: COMPANY OVERVIEW 192 11.2.9 TOYOBO CO., LTD. 193 TABLE 166 TOYOBO CO., LTD.: COMPANY OVERVIEW 193 11.2.10 KANEBO COSMETICS INC. 194 TABLE 167 KANEBO COSMETICS INC.: COMPANY OVERVIEW 194 11.2.11 MG INTOBIO CO., LTD. 195 TABLE 168 MG INTOBIO CO., LTD.: COMPANY OVERVIEW 195 11.2.12 SYNTHEZYME LLC 195 TABLE 169 SYNTHEZYME LLC: COMPANY OVERVIEW 195 11.2.13 SASOL LTD. 196 TABLE 170 SASOL LTD.: COMPANY OVERVIEW 196 11.2.14 TEEGENE BIOTECH LTD. 196 TABLE 171⊓TEEGENE BIOTECH LTD.: COMPANY OVERVIEW∏196 \*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)\* might not be captured in case of unlisted companies. 12 ADJACENT & RELATED MARKETS 197 12.1 INTRODUCTION 197 12.2 LIMITATIONS 197 12.3 SURFACTANTS MARKET 197 12.3.1 MARKET DEFINITION 197 12.3.2 MARKET OVERVIEW 198 12.4 SURFACTANTS MARKET, BY REGION 198 TABLE 172 SURFACTANTS MARKET, BY REGION, 2018-2021 (USD MILLION) 198 TABLE 173 SURFACTANTS MARKET, BY REGION, 2022-2028 (USD MILLION) 198 TABLE 174 SURFACTANTS MARKET, BY REGION, 2018-2021 (KILOTON) 199 TABLE 175 SURFACTANTS MARKET, BY REGION, 2022-2028 (KILOTON) 199 12.4.1 ASIA PACIFIC 199 TABLE 176 ASIA PACIFIC: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 199 TABLE 177 ASIA PACIFIC: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD MILLION) 200 TABLE 178□ASIA PACIFIC: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (KILOTON)□200 TABLE 179∏ASIA PACIFIC: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (KILOTON)∏200 12.4.2 EUROPE 201 TABLE 180 URPACTANTS MARKET, BY COUNTRY, 2018-2021 (USD MILLION) TABLE 181 UROPE: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD MILLION) TABLE 182[EUROPE: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (KILOTON)]202 TABLE 183 EUROPE: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (KILOTON) 202 12.4.3 NORTH AMERICA 202 TABLE 184 NORTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (USD MILLION)202 TABLE 185 NORTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD MILLION) 203 TABLE 186 NORTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (KILOTON) 203

TABLE 187[]NORTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (KILOTON)[]203 12.4.4[]MIDDLE EAST & AFRICA[]204

TABLE 188[MIDDLE EAST & AFRICA: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (USD MILLION)]204 TABLE 189[MIDDLE EAST & AFRICA: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD MILLION)]204 TABLE 190[MIDDLE EAST & AFRICA: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (KILOTON)]205 TABLE 191[MIDDLE EAST & AFRICA: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (KILOTON)]205 12.4.5[SOUTH AMERICA]205

TABLE 192[SOUTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (USD MILLION)[]205 TABLE 193[]SOUTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (USD MILLION)[]206 TABLE 194[]SOUTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2018-2021 (KILOTON)[]206 TABLE 195[]SOUTH AMERICA: SURFACTANTS MARKET, BY COUNTRY, 2022-2028 (KILOTON)[]206 13[]APPENDIX[]207

13.1 DISCUSSION GUIDE 207

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 210

13.3 CUSTOMIZATION OPTIONS 212

13.4 RELATED REPORTS 212

13.5 AUTHOR DETAILS 213



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