

Surfactants – A Global Market Overview

“The report reviews, analyzes and projects the global market for Surfactant for the period 2016-2025. Surfactant product types analyzed in this study include Amphoteric Surfactants, Anionic Surfactants, Cationic Surfactants, Nonionic Surfactants and Other Surfactants comprising Silicone Surfactants, Polymerizable Surfactants and Fluorinated Surfactants. Anionic Surfactants market further drilled down by sub-types – Amphoteric Surfactants, Anionic Surfactants, Cationic Surfactants, Nonionic Surfactants and Others. The global market for Surfactants’ applications explored in this report includes Agrochemicals, Cosmetics & Personal Care Products, Detergents, Soaps & Cleaners, Food & Beverages, Oilfield Chemicals & Petroleum Production, Paints, Lacquers & Other Coatings, Plastics & Composite Materials, Textiles & Fibers and Other Applications.”

Published: November 2019

Report Code: CP069

Pages: 402

Charts: 218

Price: \$4500 Single User License, \$7200 Enterprise License

Report Synopsis

The market for surfactants is likely to maintain a healthy growth owing to developments in the end-user industries, such as detergents and personal care products, especially in the developing economies. Other factors that will contribute to demand include low prices and easy availability of surfactants that have made their range of applications even wider. The four broad categories into which surfactants can be classified include amphoteric (or zwitterionic), anionic, cationic and nonionic. They are primarily used in detergents, cleaners, soaps, cosmetics & personal care products, oilfield chemicals and petroleum production, paints, plastics and agrochemicals, among others.

Detergents, Soaps & Cleaners form the largest application for Surfactants, the global market for which is forecast to be US\$10.3 billion in 2019 and is projected to reach US\$14.4 billion by 2025. Global demand for Surfactants in Cosmetics & Personal Care Products is likely to witness the fastest 2019-2025 CAGR of 5.8%.

- Biosurfactants Gaining Ground Despite Drawbacks
- Anionic Surfactants Enhance Energy Efficiency of MnO₂ Batteries
- Improvements in Nonionic Surfactant Vesicles for Drug Delivery
- Catanionic Mixtures Find Wider Application
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 36
- The industry guide includes the contact details for 106 companies

Product Outline

The market for key product types/sub-types of Surfactants studied in this report comprise the following:

- Amphoteric Surfactants
- Anionic Surfactants
 - Carboxylates
 - Phosphate Esters
 - Sulfates
 - Sulphonates
- Cationic Surfactants
- Nonionic Surfactants
- Other Surfactants

The report analyzes the market for the following major applications of Surfactants:

- Agrochemicals
- Cosmetics & Personal Care Products
- Detergents, Soaps & Cleaners
- Food & Beverages
- Oilfield Chemicals & Petroleum Production
- Paints, Lacquers & Other Coatings
- Plastics & Composite Materials
- Textiles & Fibers
- Other Applications

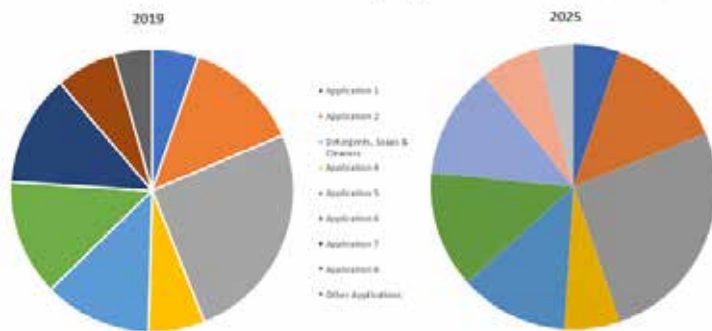
Analysis Period, Units and Growth Rates

- This report reviews, analyzes and projects the global Surfactants market for the period 2016-2025 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2025.

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World**

Global Surfactants Market by Application 2019-2025



Source: Industry Experts, Inc. <http://industry-experts.com>

Research Findings & Coverage

- The market for Surfactants, globally, analyzed in this report with respect to product types/sub-types and applications
- Market size of Surfactants is estimated in this report by product types/sub-types and applications across all major countries

SAMPLE COMPANY PROFILE

ARKEMA S.A. (FRANCE)

420 rue d'Estienne d'Orves, 92700 Colombes
 Phone: 33 (0)1 49 00 80 80, Fax: 33 (0)1 49 00 83 76
 Website: www.arkema.com

Business Overview

Arkema S.A. (Arkema) is a leading worldwide producer of specialty chemicals and advanced materials, operating under three business segments 1) High Performance Materials, 2) Industrial Specialties, 3) and Coating Solutions. The company is a major global manufacturer of surfactants, additives, specialty polyols and oilfield chemicals (an activity previously run by its subsidiary CECA) for over 50 countries with business operations spread across Europe and research centers in France. Arkema is active player in lightweight and design materials, bio-sourced materials, new energies, water management, solutions for electronics, and home insulation. The company's surfactants and specialty polyols are integrated with cutting-edge technical support, are ideally used in emulsifiers and bitumen additives for road construction, Anti-caking agents and dust-control agents for fertilizers, Flotation agents for ore purification, Quaternary ammonium compounds for organophilic clay and Formulations for detergents, lubricants, plastics and paper de-inking. The Specialty polyols from Arkema cover polyurethane, polyester, epoxy and acrylic resins for the paints, adhesives, sealants and synthetic foam markets. The key Arkema's product portfolio includes acrylics, coating resins, electroactive polymers, fluorochemicals, fluoropolymers, glass coating solutions, functional polyolefins, hydrogen peroxide, hydrazine hydrate, molecular sieves, organic peroxides, oxygenated solvents, PEKK polyetherketoneketone, plastic additives, PMMA resins & sheets, rheology additives, specialty adhesives, specialty polyamides, surfactants and additives, thiochemicals, UV, led, EB curable resins, specialty (meth) acrylates and others. Some of the key potential markets of the company include Packaging and paper, Construction, Food processing and agrochemical industry, Chemical and plastics industry, Paints and coatings.

Product Analysis

| Product | Description |
|-------------------------------|---|
| Cecabase RT® | The Cecabase RT® surfactant features significant workability and easier compaction of the mix, for instance for the addition of higher rates of Recycled Asphalt Pavement (RAP) or Shingles (RAS). This surfactant features decrease application temperature, Increase mix workability, Liquid & pumpable and CECA Patented technology. |
| Dinoram® | The Dinoram® surfactants are cationic rapid setting (CRS) emulsifiers for bitumen emulsions. This product is formulated for spray grades such as Penetration prime coat, tack coat, surface dressings and is used in mix grades with medium settings as storable cold mixes. |
| Stabiram® bitumen emulsifiers | The Stabiram® bitumen emulsifiers are used for quick and slow-set applications such as Recycling, Impregnation, penetration, Slurry seal as emulsifiers or co-emulsifiers. |

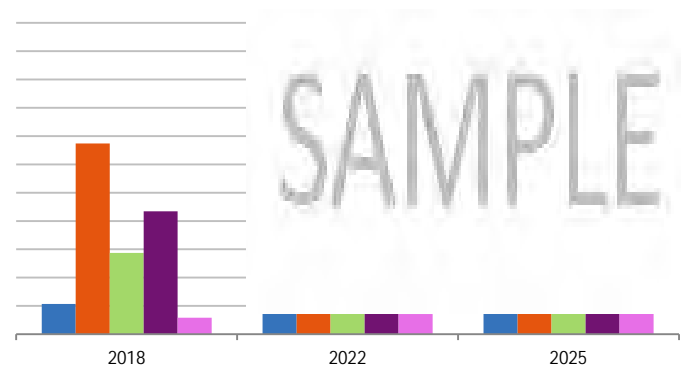
.....more

SAMPLE TABLE/CHART

Glance at 2019 Global Surfactants Market Share (%) by Region – North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Surfactants Market Analysis (2016-2025) by Type – Amphoteric Surfactants, Anionic Surfactants, Cationic Surfactants, Nonionic Surfactants and Other Surfactants in USD Million



KEY PLAYERS PROFILED

- 3M Company
- Akzo Nobel BV
- Arkema S.A.
- Ashland Global Holdings, Inc.
- BASF SE
- Clariant AG
- Croda International PLC
- DKS Co., Ltd.
- E. I. Du Pont De Nemours And Co.
- Evonik Industries AG
- Huntsman Corporation
- Lonza Group AG
- SABIC
- Solvay SA
- The Dow Chemical Company
- The Lubrizol Corporation

.....more

TABLE OF CONTENTS

PART A: GLOBAL MARKET PERSPECTIVE 1

1. INTRODUCTION1

1.1 Product Outline..... 4

1.1.1 What are Surfactants? 4

1.1.1.1 Properties and Other Factors that Influence Choice of Surfactant 6

1.1.2 Classification of Surfactants 7

1.1.2.1 Anionic Surfactants 7

1.1.2.1.1 Sulphonates 8

1.1.2.1.1.1 Sulphonation Process..... 8

1.1.2.1.1.2 Alkylbenzene Sulphonates 9

1.1.2.1.1.2.1 Linear Alkylbenzene Sulphonate (LAB) 10

1.1.2.1.1.2.2 Petroleum Sulphonates..... 13

1.1.2.1.1.2.3 Alkyl Diphenyl oxide Disulphonates 16

1.1.2.1.1.3 α-Olefin Sulphonates 18

1.1.2.1.1.4 Paraffin Sulphonates 20

1.1.2.1.1.5 Sulphonated Methyl Esters 22

1.1.2.1.1.6 Sulphonated Fatty Acids 25

1.1.2.1.1.7 Sulphosuccinates 26

1.1.2.1.2 Sulfates 30

1.1.2.1.2.1 Alkyl Sulfates 30

1.1.2.1.2.2 Alkyl Ether Sulfates 35

1.1.2.1.2.3 Phosphate Esters 38

1.1.2.1.2.4 Carboxylates 40

1.1.2.1.2.4.1 Soap 40

1.1.2.1.2.4.2 Ether Carboxylates 42

1.1.2.1.2.4.3 Acyl Sarcosinates 44

1.1.2.1.2.4.4 Isethionates 45

1.1.2.1.2.4.5 Taurates 46

1.1.2.2 Nonionic Surfactants..... 47

1.1.2.2.1 General Alkoxylation Reactions 47

1.1.2.2.2 Alkyl Phenol Ethoxylates 48

1.1.2.2.3 Fatty Alcohol Ethoxylates..... 48

1.1.2.2.4 Polyoxyethylene Esters of Fatty Acids 50

1.1.2.2.5 Polyalkylene Oxide Block Co-Polymers 51

1.1.2.2.6 Amine Ethoxylates 52

1.1.2.2.7 Fatty Alkanolamides..... 52

1.1.2.2.8 Amine Oxides 54

1.1.2.2.9 Glycerol Esters 54

1.1.2.2.10 Anhydrohexitol Esters..... 55

1.1.2.2.11 Polyoxyalkylene Polyol Esters 56

1.1.2.2.12 Alkyl Poly Glucosides..... 57

1.1.2.2.13 Gemini Surfactants 58

1.1.2.3 Cationic Surfactants 58

1.1.2.3.1 Production Process 59

1.1.2.3.1.1 Preparation of Amine..... 59

1.1.2.3.1.2 Quaternization 61

1.1.2.3.1.3 Applications of Cationic Surfactants 62

1.1.2.3.2.1 Fabric Softeners 62

1.1.2.3.2.2 Dryer Softeners 62

1.1.2.3.2.3 Softergents 62

1.1.2.3.2.4 Hair Conditioners 62

1.1.2.3.2.5 Detergents 63

1.1.2.3.2.6 Thickeners..... 63

1.1.2.3.2.7 Hard Surface Cleaners..... 64

1.1.2.3.2.8 Organoclays 64

1.1.2.3.3 Cationic Surfactants in Industrial Applications 64

1.1.2.3.3.1 Drag Reduction 64

1.1.2.3.3.2 Oilfield Applications 65

1.1.2.3.3.2.1 Gas Hydrate Inhibitors 65

1.1.2.3.3.2.2 Hydraulic Fracturing Fluids..... 65

1.1.2.3.3.2.3 Fuel Applications..... 65

1.1.2.4 Amphoteric Surfactants 66

1.1.2.4.1 Aminopropionates and Iminodipropionates .. 66

1.1.2.4.2 Imidazoline-Based Amphoteric Surfactants... 69

1.1.2.4.2.1 Amphoacetates..... 70

1.1.2.4.2.2 Amphopropionates 71

1.1.2.4.2.3 Amphohydroxypropylsulfonates..... 72

1.1.2.4.3 Betaine Surfactants..... 72

1.1.2.4.4 Summarization of Amphoteric Surfactants . 74

1.1.2.5 Other Surfactants..... 75

1.1.2.5.1 Silicone Surfactants..... 75

1.1.2.5.2 Polymerizable Surfactants 76

1.1.2.5.3 Fluorinated Surfactants 77

1.1.3 Surfactants and their Economic Significance .. 78

1.1.4 Applications of Surfactants 79

1.1.4.1 Detergents and Cleaners..... 79

1.1.4.2 Cosmetics and Personal Care Products..... 79

1.1.4.3 Textiles and Fibers 80

1.1.4.4 Leather and Furs 80

1.1.4.5 Paints, Lacquers and Other Coating Products... 81

1.1.4.6 Paper and Cellulose Products 82

1.1.4.7 Mining and Ore Flotation 82

1.1.4.8 Metal Processing..... 83

1.1.4.9 Plant Protection and Pest Control..... 83

1.1.4.10 Foods and Food Packaging..... 84

1.1.4.11 Chemical Industry 85

1.1.4.12 Oilfield Chemicals and Petroleum Production. 85

1.1.4.13 Plastics and Composite Materials 86

1.1.4.14 Pharmaceuticals..... 86

2. KEY MARKET TRENDS.....87

2.1 Biosurfactants Gaining Ground Despite Drawbacks 87

2.2 Anionic Surfactants Enhance Energy Efficiency of MnO2 Batteries 87

2.3 Anionic Gemini Surfactants Find Application as Innovative Air Entraining Agents 89

2.4 Improvements in Nonionic Surfactant Vesicles for Drug Delivery 90

2.5 Novel Multifunctional Cationic Surfactant System with Corrosion Inhibiting Ability Developed 91

2.6 Catanionic Mixtures Find Wider Application..... 92

3. KEY GLOBAL PLAYERS.....93

3M Company (United States)..... 93

Akzo Nobel Bv (Netherlands) 95

Arkema S.A. (France)..... 96

Ashland Global Holdings, Inc. (United States) 98

BASF SE (Germany) 99

Clariant Ag (Switzerland)..... 101

Croda International Plc (United Kingdom) 103

DKS Co., Ltd. (Japan) 105

E. I. Du Pont De Nemours And Co. (United States) 106

Evonik Industries Ag (Germany) 108

Huntsman Corporation (United States)..... 109

Lonza Group Ag (Switzerland) 111

SABIC (Saudi Arabia) 112

Solvay SA (Belgium)..... 113

The Dow Chemical Company (United States)..... 115

The Lubrizol Corporation (United States) 117

4. KEY BUSINESS & PRODUCT TRENDS..... 119

Solvay SA Develops New Mirapol® Surf Polymers for Detergent Application 119

Desmet Ballestra S.p.A. to Design and Supply Dry RELTENS Production Plant in Italy..... 119

BASF SE Showcases Raw materials for Chemical Fibers, Denim Wash Auxiliaries and Accessories 119

Latin America's Personal Care Industry to Employ Clariant Products for the First Time..... 120

Ashland Launches Strodex™ PK-86NV Specialty Phosphate Ester Surfactant 120

Unilever Acquires Astrix SA 120

Nouryon to Broaden and Upgrade Surfactants Production at Stenungsund Plant..... 121

Display of Clariant's Industrial Lubricant Solutions at Expos in China..... 121

Display of Evonik's TEGOSTAB® Silicone Surfactants at ACLE 2019..... 121

Indorama Ventures to Purchase Huntsman's Chemical Intermediates and Surfactants Businesses 122

Arkema SA Acquires ArrMaz..... 122

Arkema Selects Brenntag North America, Inc as It's Waterborne Resins Distributor in the U.S..... 122

Sasol Ltd Establishes Alkoxylation Plant in China 122

Solvay Launches Augeo® Solvents 123

Brenntag Specialities, a Distributor for Yipin USA in the United States 123

Entry of Clariant's Envisioning Beauty Brand to Indonesian Market..... 123

Pilot Moves Headquarters to West Chester Township . 124

BASF SE Offers Ingredients for Personal Care Applications . 124

Unveiling of Pilot's New CalBlend® PE Surfactant Blend 124

Launch of Brenntag North America's Newly Expanded Personal Care Application & Development Center in Pennsylvania..... 125

Launch of Lonza's SYNETH™ Polyglycerol Esters 125

Cepsa's Traction Range High Performance Lubricants for Heavy Diesel Engines..... 125

Launch of Clariant's Envisioning Beauty Brand at In-Cosmetics Global 2019 126

Launch of Evonik's Superwetting Surfactants at European Coatings Show 126

Solvay SA Introduces Miracare® SOFT S-525 Surfactant 126

New Addition to Croda's Halal Certified Ingredient Portfolio 127

Methane Sulfonic Acid (MSA) Production Capacity Expansion by BASF SE 127

Vantage to Acquire LEUNA-Tenside GmbH 127

Brenntag Specialities to Distribute Kaneka Surfactin Line in US 128

Display of Clariant's Aristocare™ Smart Multi-Benefit Additive for Home Care..... 128

Inauguration of Pilot's New Innovation Center in Pennsylvania..... 128

Lawson Health Research Institute and Stanford University Collaborate on New Synthetic Lung Surfactant 128

Launch of Clariant's Aristoflex® Silk Personal Care Ingredient..... 129

SABIC Exhibits Complete Line of Fluids Portfolio at IESD Event 129

Ravago, an Official Distributor for Libra Products 129

Unveiling of Clariant's BeautyForward®-Edition III 130

Unveiling of Clariant's EcoTain® in Personal Care 130

BASF Expands its Alkyl Polyglycosides (APGs) Non-ionic Surfactants Business in Jinshan, China and Cincinnati, USA . 130

Dow Chemical Unveils Home Care Cleaning Solutions at ACI Convention, USA 131

Conduct of Feasibility Study on Softanol Production by Nippon Shokubai, PTTGC, and Mitsui 131

Pilot Polymer Technologies, the New Name of ATRP Solutions..... 131

Evonik Industries AG Acquires High-Concentrates Additive Compounding Business from 3M Company 132

Unveiling of Essence by Clariant 132

Clariant Launches GlucoPure® Sense Surfactant..... 132

Akzo Nobel NV and Itaconix Corporation Agree to Develop Chelates for Detergent Trade 133

Purchase of ATRP Solutions Broaden Pilot's Proprietary Technologies 133

BASF Opens New Emollients and Waxes Facility in China 133

US EPA Safer Choice Label for AkzoNobel's Berol DR-B1 Direct-Release Surfactant..... 134

Sirrus Acquired by Nippon Shokubai..... 134

Shell Chemical LP Built Alpha Olefins (AO) Unit in Geismar, Louisiana, USA 134

5. GLOBAL MARKET OVERVIEW135

5.1 Global Surfactants Market Overview by Type.. 136

5.1.1 Surfactants' Product Type Market Overview by Global Region 138

5.1.1.1 Amphoteric Surfactants 138

5.1.1.2 Anionic Surfactants..... 140

| | | | | | |
|---|------------|--|------------|--|------------|
| 5.1.1.2.1 Global Anionic Surfactants Market Overview by Sub-Type | 142 | 7. EUROPE | 226 | 8. ASIA-PACIFIC | 303 |
| 5.1.1.2.1.1 Anionic Surfactants' Sub-Types Market Overview by Global Region | 144 | 7.1 European Surfactants Market Overview by Geographic Region | 227 | 8.1 Asia-Pacific Surfactants Market Overview by Geographic Region | 304 |
| Carboxylates | 144 | 7.2 European Surfactants Market Overview by Type | 229 | 8.2 Asia-Pacific Surfactants Market Overview by Type | 306 |
| Phosphate Esters | 146 | 7.2.1 European Anionic Surfactants Market Overview by Sub-Type | 231 | 8.2.1 Asia-Pacific Anionic Surfactants Market Overview by Sub-Type | 308 |
| Sulfates | 148 | 7.3 European Surfactants Market Overview by Application | 233 | 8.3 Asia-Pacific Surfactants Market Overview by Application | 310 |
| Sulphonates | 150 | 7.4 Major Market Players | 235 | 8.4 Major Market Player | 312 |
| 5.1.1.3 Cationic Surfactants | 152 | Akzo Nobel BV (Netherlands) | 235 | Aarti Industries Ltd (India) | 312 |
| 5.1.1.4 Nonionic Surfactants | 154 | Arkema S.A. (France) | 236 | DKS Co., Ltd. (Japan) | 314 |
| 5.1.1.5 Other Surfactants | 156 | BASF SE (Germany) | 238 | Galaxy Surfactants Ltd (India) | 315 |
| 5.2 Global Surfactants Market Overview by Application | 158 | Clariant AG (Switzerland) | 240 | KLK Oleo (Malaysia) | 316 |
| 5.2.1 Surfactants Application Market Overview by Global Region | 160 | Croda International Plc (United Kingdom) | 242 | Lion Specialty Chemicals Co., Ltd. (Japan) | 317 |
| 5.2.1.1 Agrochemicals | 160 | Desmet Ballestra S.P.A (Italy) | 244 | Sino-Japan Chemical Co., Ltd. (Taiwan) | 318 |
| 5.2.1.2 Cosmetics & Personal Care Products | 162 | Enaspol A. S (Czech Republic) | 245 | Sinolight Chemicals Co., Ltd (China) | 319 |
| 5.2.1.3 Detergents, Soaps & Cleaners | 164 | EOC Group (Belgium) | 247 | Unitop Chemicals Pvt., Ltd. (India) | 320 |
| 5.2.1.4 Food & Beverages | 166 | Evonik Industries AG (Germany) | 248 | | |
| 5.2.1.5 Oilfield Chemicals & Petroleum Production | 168 | Lonza Group AG (Switzerland) | 249 | 8.5 Country-wise Analysis of Asia-Pacific Surfactants Market | 321 |
| 5.2.1.6 Paints, Lacquers & Other Coatings | 170 | Scharer & Schlapfer AG (Switzerland) | 250 | 8.5.1 China | 321 |
| 5.2.1.7 Plastics & Composite Materials | 172 | Solvay SA (Belgium) | 251 | 8.5.1.1 Chinese Surfactants Market Overview by Type | 322 |
| 5.2.1.8 Textiles & Fibers | 174 | Unger Fabrikker A.S. (Norway) | 253 | 8.5.1.1.1 Chinese Anionic Surfactants Market Overview by Sub-Type | 324 |
| 5.2.1.9 Other Applications | 176 | | | 8.5.1.2 Chinese Surfactants Market Overview by Application | 326 |
| PART B: REGIONAL MARKET PERSPECTIVE .. 178 | | 7.5 Country-wise Analysis of European Surfactants Market | 254 | 8.5.2 India | 328 |
| REGIONAL MARKET OVERVIEW | 180 | 7.5.1 France | 254 | 8.5.2.1 Indian Surfactants Market Overview by Type | 329 |
| 6. NORTH AMERICA | 180 | 7.5.1.1 French Surfactants Market Overview by Type | 255 | 8.5.2.1.1 Indian Anionic Surfactants Market Overview by Sub-Type | 331 |
| 6.1 North American Surfactants Market Overview by Geographic Region | 181 | 7.5.1.1.1 French Anionic Surfactants Market Overview by Sub-Type | 257 | 8.5.2.2 Indian Surfactants Market Overview by Application | 333 |
| 6.2 North American Surfactants Market Overview by Type | 183 | 7.5.1.2 French Surfactants Market Overview by Application | 259 | 8.5.3 Japan | 335 |
| 6.2.1 North American Anionic Surfactants Market Overview by Sub-Type | 185 | 7.5.2 Germany | 261 | 8.5.3.1 Japanese Surfactants Market Overview by Type | 336 |
| 6.3 North American Surfactants Market Overview by Application | 187 | 7.5.2.1 German Surfactants Market Overview by Type | 262 | 8.5.3.1.1 Japanese Anionic Surfactants Market Overview by Sub-Type | 338 |
| 6.4 Major Market Players | 189 | 7.5.2.1.1 German Anionic Surfactants Market Overview by Sub-Type | 264 | 8.5.3.2 Japanese Surfactants Market Overview by Application | 340 |
| 3M Company (United States) | 189 | 7.5.2.2 German Surfactants Market Overview by Application | 266 | 8.5.4 South Korea | 342 |
| Ashland Global Holdings, Inc. (United States) | 191 | 7.5.3 Italy | 268 | 8.5.4.1 South Korean Surfactants Market Overview by Type | 343 |
| E. I. Du Pont De Nemours and Co. (United States) | 192 | 7.5.3.1 Italian Surfactants Market Overview by Type | 269 | 8.5.4.1.1 South Korean Anionic Surfactants Market Overview by Sub-Type | 345 |
| GEO Specialty Chemicals, Inc. (United States) | 193 | 7.5.3.1.1 Italian Anionic Surfactants Market Overview by Sub-Type | 271 | 8.5.4.2 South Korean Surfactants Market Overview by Application | 347 |
| Goulston Technologies, Inc. (United States) | 194 | 7.5.3.2 Italian Surfactants Market Overview by Application | 273 | 8.5.5 Rest of Asia-Pacific | 349 |
| Huntsman Corporation (United States) | 195 | 7.5.4 Russia | 275 | 8.5.5.1 Rest of Asia-Pacific Surfactants Market Overview by Type | 350 |
| Pilot Chemical Company (United States) | 197 | 7.5.4.1 Russian Surfactants Market Overview by Type | 276 | 8.5.5.1.1 Rest of Asia-Pacific Anionic Surfactants Market Overview by Sub-Type | 352 |
| Shell Chemical LP (United States) | 198 | 7.5.4.1.1 Russian Anionic Surfactants Market Overview by Sub-Type | 278 | 8.5.5.2 Rest of Asia-Pacific Surfactants Market Overview by Application | 354 |
| Stepan Company (United States) | 199 | 7.5.4.2 Russian Surfactants Market Overview by Application | 280 | 9. SOUTH AMERICA | 356 |
| The Dow Chemical Company (United States) | 200 | 7.5.5 Spain | 282 | 9.1 South American Surfactants Market Overview by Geographic Region | 357 |
| The Lubrizol Corporation (United States) | 202 | 7.5.5.1 Spanish Surfactants Market Overview by Type | 283 | 9.2 South American Surfactants Market Overview by Type | 359 |
| The Procter & Gamble Company (United States) | 204 | 7.5.5.1.1 Spanish Anionic Surfactants Market Overview by Sub-Type | 285 | 9.2.1 South American Anionic Surfactants Market Overview by Sub-Type | 361 |
| 6.5 Country-wise Analysis of North American Surfactants Market | 205 | 7.5.5.2 Spanish Surfactants Market Overview by Application | 287 | 9.3 South American Surfactants Market Overview by Application | 363 |
| 6.5.1 The United States | 205 | 7.5.6 The United Kingdom | 289 | 9.4 Major Market Player | 365 |
| 6.5.1.1 United States' Surfactants Market Overview by Type | 206 | 7.5.6.1 United Kingdom Surfactants Market Overview by Type | 290 | Oxiteno SA (Brazil) | 365 |
| 6.5.1.1.1 United States' Anionic Surfactants Market Overview by Sub-Type | 208 | 7.5.6.1.1 United Kingdom Anionic Surfactants Market Overview by Sub-Type | 292 | 9.5 Country-wise Analysis of South American Surfactants Market | 366 |
| 6.5.1.2 United States' Surfactants Market Overview by Application | 210 | 7.5.6.2 United Kingdom Surfactants Market Overview by Application | 294 | 9.5.1 Argentina | 366 |
| 6.5.2 Canada | 212 | 7.5.7 Rest of Europe | 296 | 9.5.1.1 Argentine Surfactants Market Overview by Type | 367 |
| 6.5.2.1 Canadian Surfactants Market Overview by Type | 213 | 7.5.7.1 Rest of Europe Surfactants Market Overview by Type | 297 | | |
| 6.5.2.1.1 Canadian Anionic Surfactants Market Overview by Sub-Type | 215 | 7.5.7.1.1 Rest of Europe Anionic Surfactants Market Overview by Sub-Type | 299 | | |
| 6.5.2.2 Canadian Surfactants Market Overview by Application | 217 | 7.5.7.2 Rest of Europe Surfactants Market Overview by Application | 301 | | |
| 6.5.3 Mexico | 219 | | | | |
| 6.5.3.1 Mexican Surfactants Market Overview by Type | 220 | | | | |
| 6.5.3.1.1 Mexican Anionic Surfactants Market Overview by Sub-Type | 222 | | | | |
| 6.5.3.2 Mexican Surfactants Market by Application | 224 | | | | |

| | | | | | |
|--|------------|---|------------|---|------------|
| 9.5.1.1.1 Argentine Anionic Surfactants Market Overview by Sub-Type..... | 369 | 9.5.3.1.1 Rest of South American Anionic Surfactants Market Overview by Sub-Type..... | 383 | PART C: GUIDE TO THE INDUSTRY..... | 396 |
| 9.5.1.2 Argentine Surfactants Market Overview by Application..... | 371 | 9.5.3.2 Rest of South American Surfactants Market Overview by Application..... | 385 | 1. NORTH AMERICA | 396 |
| 9.5.2 Brazil | 373 | 10. REST OF WORLD..... | 387 | 2. EUROPE..... | 397 |
| 9.5.2.1 Brazilian Surfactants Market Overview by Type..... | 374 | 10.1 Rest of World Surfactants Market Overview by Type..... | 388 | 3. ASIA-PACIFIC..... | 398 |
| 9.5.2.1.1 Brazilian Anionic Surfactants Market Overview by Sub-Type..... | 376 | 10.1.1 Rest of World Anionic Surfactants Market Overview by Sub-Type..... | 390 | 4. REST OF WORLD | 400 |
| 9.5.2.2 Brazilian Surfactants Market Overview by Application..... | 378 | 10.2 Rest of World Surfactants Market Overview by Application..... | 392 | PART D: ANNEXURE..... | 401 |
| 9.5.3 Rest of South America..... | 380 | 10.3 Major Market Players | 394 | 1. RESEARCH METHODOLOGY | 401 |
| 9.5.3.1 Rest of South American Surfactants Market Overview by Type..... | 381 | SABIC (Saudi Arabia) | 394 | 2. FEEDBACK | 403 |
| | | SASOL Ltd (South Africa) | 395 | | |

About Industry Experts

Industry Experts' market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

[More about Industry Experts](#)



Industry Experts, Inc.
 14726 Ramona Ave, Suite S2
 Chino, CA 91710
 Greater Los Angeles
 United States
 Phone: +1-320-iXPERTS (497-3787)

India Office
 1-7-19/C, Street No. 8, Habsiguda
 Hyderabad – 500007
 India
 Phone: +91-40-4018-1314
 Fax: +91-40-2715-7746

Email: info@industry-experts.com

Website: <http://industry-experts.com>