

# **Food Anti-Caking Agents Market by Type (Calcium Compounds, Sodium Compounds, Silicon Dioxide, and Microcrystalline Cellulose), Application (Seasonings and Condiments, Bakery, Dairy, and Soups and Sauces), Source & Region - Global Forecast to 2025**

<https://marketpublishers.com/r/F054372B68DEN.html>

Date: February 2021

Pages: 241

Price: US\$ 4,950.00 (Single User License)

ID: F054372B68DEN

## **Abstracts**

The global Food anti-caking agents market is estimated to be USD 822 million in 2020 and is projected to reach USD 1,074 million by 2025.

Food anti-caking agents thus improve the flow characteristics in food products, enabling free-flowing condition. Majority of anti-caking agents are found with E-numbers from 500 to 599. The market has seen substantial modification in industry trends in recent years, as the market is shifting its focus toward natural alternatives from man-made synthetic sources of food anti-caking agents. This trend is expected to continue and change the way in which food anti-caking agents will be used in the food & beverages industry in the upcoming years.

By type, the calcium compounds subtype is projected to account for the largest market in the food anti-caking agents market during the forecast period.

Some of the widely used calcium compounds include calcium silicate, calcium aluminium silicate, and calcium ferrocyanide among others. Calcium silicate (E552) is the chemical compound obtained by reacting calcium oxide and silica in various ratios. It is a white free-flowing powder derived from limestone and diatomaceous earth. The additive is approved 'safe' by the FAO and WHO. The compound is permitted in the US and European Union, but is restricted from usage in Australia & New Zealand.

By application, the seasonings and condiments subtype is projected to be the fastest growing segment in the Food anti-caking agents market during the forecast period.

Sodium silicate, commonly known as silica, is mostly used in spices, while calcium stearate, magnesium stearate, and potassium stearate may also be used. The manufacturers of pure spices mention anti-caking agents in their ingredient declaration as a practice to comply regulatory guidelines and consumer acceptance. A large number of food anti-caking agents are used in table salts including calcium aluminum silicate, calcium silicate, magnesium carbonate, magnesium silicate, magnesium stearate, silicon dioxide, and sodium aluminum silicate.

By source, the liquid sub-segment is projected to obtain the fastest growth rate in the Food anti-caking agents market during the forecast period.

Synthetic/man-made anticaking agents are manufactured from chemicals and other artificial substances such as silicates and acids. Some of the most commonly used food anti-caking agents can be given as calcium silicate, magnesium carbonate, and sodium aluminosilicate, and sodium dioxide. Many key companies such as EVONIK, PPG Industries, Inc., and Solvay S.A. engage in the manufacture of these compounds.

#### Break-up of Primaries

By Value Chain: Supply Side- 59%, Demand Side- 41%

By Designation: CXO's - 31%, Managers - 24%, and Executives – 45%

By Region: North America – 24%, Europe – 29%, Asia Pacific – 32%, Rest of the World (RoW) \* – 15%.

\* RoW includes South America, Africa, and Middle East.

#### Leading players profiled in this report

Evonik Industries AG (US)

PPG Industries, Inc. (US)

Brenntag AG (Germany)

Univar Solutions Inc. (US)

Solvay SA (Belgium)

Cabot Corporation. (US)

Agropur Ingredients (US)

Huber Engineered Materials (US)

International Media and Cultures, Inc. (US)

PQ Corporation (US)

Sweetner Supply Corp. (US)

JELU-WERK J. Ehrler GmbH & Co. KG (Germany)

W. R. Grace & Co.-Conn. (US)

Jinsha Precipitated Silica Manufacturing Co., Ltd. (China)

BIMAL PHARMA PVT. LTD. (India)

Gujarat Multi Gas Base Chemicals Pvt. Ltd. (India)

Ravago Chemicals North America (US)

Hydrite Chemical Co. (US)

Penta Manufacturing Company (US)

## Research Coverage

This report segments the Food anti-caking agents market on the basis of type, application, source and region. In terms of insights, this research report focuses on

*Food Anti-Caking Agents Market by Type (Calcium Compounds, Sodium Compounds, Silicon Dioxide, and Microcrystal...*

various levels of analyses—competitive landscape, end-use analysis, and company profiles—which together comprise and discuss the basic views on the emerging & high-growth segments of the Food anti-caking agents market, the high-growth regions, countries, government initiatives, market disruption, drivers, restraints, opportunities, and challenges.

#### Reasons to buy this report

To get a comprehensive overview of the Food anti-caking agents market

To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights about the major countries/regions, in which the Food anti-caking agents market is flourishing

## Contents

### 1 INTRODUCTION

#### 1.1 OBJECTIVES OF THE STUDY

#### 1.2 MARKET DEFINITION

#### 1.3 MARKET SCOPE

##### 1.3.1 MARKETS COVERED

#### FIGURE 1 FOOD ANTI-CAKING AGENTS MARKET SEGMENTS

##### 1.3.2 GEOGRAPHIC SCOPE

##### 1.3.3 PERIODIZATION CONSIDERED

#### 1.4 CURRENCY CONSIDERED

#### TABLE 1 USD EXCHANGE RATES CONSIDERED FOR THE STUDY, 2017–2019

#### 1.5 UNITS CONSIDERED

#### 1.6 STAKEHOLDERS

#### 1.7 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

#### FIGURE 2 RESEARCH DESIGN: FOOD ANTI-CAKING AGENTS

##### 2.1.1 SECONDARY DATA

###### 2.1.1.1 Key data from secondary sources

##### 2.1.2 PRIMARY DATA

###### 2.1.2.1 Key data from primary sources

###### 2.1.2.2 Breakdown of primaries

#### 2.2 FACTOR ANALYSIS

##### 2.2.1 INTRODUCTION

##### 2.2.2 DEMAND-SIDE ANALYSIS

###### 2.2.2.1 Population growth and diversified food demand

#### FIGURE 3 GLOBAL POPULATION IS PROJECTED TO REACH ~9.5 BILLION BY 2050

###### 2.2.2.1.1 Increase in middle-class population, 2009–2030

#### TABLE 2 GLOBAL MIDDLE-CLASS POPULATION, BY REGION, 2009–2030

###### 2.2.2.2 GDP (purchasing power parity) & developing economies

###### 2.2.2.3 Growth in the global beverage & dairy industry

#### FIGURE 4 GROWTH RATE OF GLOBAL BEVERAGE SALES, 2011–2018

###### 2.2.2.4 Rising demand for bakery products

#### FIGURE 5 BAKERY PRODUCTS MARKET SIZE, 2010–2017 (USD BILLION)

#### 2.2.2.5 Growing level of spice production

#### FIGURE 6 GLOBAL SPICE PRODUCTION, 2005–2013 (TONS)

#### 2.2.3 SUPPLY-SIDE ANALYSIS

##### 2.2.3.1 Research & development

##### 2.2.3.2 Food processing equipment and technologies

#### 2.3 MARKET SIZE ESTIMATION

##### 2.3.1 BOTTOM-UP APPROACH

##### 2.3.2 TOP-DOWN APPROACH

#### 2.4 MARKET BREAKDOWN & DATA TRIANGULATION

#### FIGURE 7 DATA TRIANGULATION METHODOLOGY

#### 2.5 RESEARCH ASSUMPTIONS

#### 2.6 RESEARCH LIMITATIONS

#### 2.7 MARKET SCENARIOS CONSIDERED FOR THE IMPACT OF COVID-19

##### 2.7.1 SCENARIO-BASED MODELLING

#### 2.8 COVID-19 HEALTH ASSESSMENT

#### FIGURE 8 COVID-19: THE GLOBAL PROPAGATION

#### FIGURE 9 COVID-19 PROPAGATION: SELECT COUNTRIES

#### 2.9 COVID-19 ECONOMIC ASSESSMENT

#### FIGURE 10 REVISED GROSS DOMESTIC PRODUCT FORECASTS FOR SELECT G20 COUNTRIES IN 2020

##### 2.9.1 COVID-19 ECONOMIC IMPACT—SCENARIO ASSESSMENT

#### FIGURE 11 CRITERIA IMPACTING THE GLOBAL ECONOMY

#### FIGURE 12 SCENARIOS IN TERMS OF RECOVERY OF THE GLOBAL ECONOMY

### 3 EXECUTIVE SUMMARY

#### 3.1 SILICON DIOXIDE EXPECTED TO ACHIEVE ATTRACTIVE GROWTH DURING THE FORECAST PERIOD

#### FIGURE 13 FOOD ANTI-CAKING AGENTS MARKET, BY TYPE (2020 VS. 2025)

#### 3.2 SEASONINGS & CONDIMENTS APPLICATION PROJECTED TO DOMINATE THROUGH 2025

#### FIGURE 14 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020 VS. 2025 (USD MILLION)

#### 3.3 SYNTHETIC SEGMENT PROJECTED TO BE THE LARGEST SOURCE OF FOOD ANTI-CAKING AGENTS BY 2025

#### FIGURE 15 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2020 VS. 2025 (USD MILLION)

#### 3.4 ASIA PACIFIC REGION TO BE THE FASTEST-GROWING MARKET FROM 2020 TO 2025

FIGURE 16 FOOD ANTI-CAKING AGENTS MARKET SHARE (VALUE), BY REGION, 2020

## **4 PREMIUM INSIGHTS**

4.1 OPPORTUNITIES IN THE FOOD ANTI-CAKING AGENTS MARKET

FIGURE 17 GROWTH IN POWDERED BEVERAGE DEMAND TO DRIVE GROWTH OF

FOOD ANTI-CAKING AGENTS MARKET

4.2 FOOD ANTI-CAKING AGENTS MARKETS: KEY COUNTRIES

FIGURE 18 THE US IS ESTIMATED TO BE THE LARGEST FOOD ANTI-CAKING AGENTS MARKET IN 2020

4.3 EUROPE: FOOD ANTI-CAKING AGENTS MARKET, BY SOURCE AND COUNTRY

FIGURE 19 GERMANY IS ESTIMATED TO BE THE LARGEST IN THE EUROPEAN MARKET

IN 2020

4.4 FOOD ANTI-CAKING AGENTS MARKET, BY TYPE AND REGION

FIGURE 20 CALCIUM COMPOUND ESTIMATED TO DOMINATE THE FOOD ANTI-CAKING AGENTS MARKET IN 2020

4.5 FOOD ANTI-CAKING AGENTS MARKET, BY APPLICATION

FIGURE 21 SEASONING & CONDIMENTS PROJECTED TO DOMINATE THE FOOD ANTI-CAKING AGENTS MARKET, 2020 VS. 2025

4.6 COVID-19 IMPACT ON THE FOOD ANTI-CAKING AGENTS MARKET

FIGURE 22 COMPARISON OF PRE-COVID & POST-COVID SCENARIO, 2017-2021

## **5 MARKET OVERVIEW**

5.1 INTRODUCTION

TABLE 3 CONNECTED/ADJACENT MARKETS

5.2 COVID-19 IMPACT ON THE MARKET DYNAMICS OF FOOD-ANTICAKING AGENTS

5.2.1 COVID-19 BOOSTING THE DEMAND FOR HIGH-QUALITY AND PREMIUM PRODUCTS

5.2.2 COVID-19 TO REFORMULATE THE DEMAND FOR FOOD TO LOWER COSTS

5.2.3 COVID-19 IMPACT ON RAW MATERIAL AVAILABILITY AND SUPPLY CHAIN DISRUPTION

5.2.4 COVID-19 TO SHIFT THE DEMAND TOWARD PLANT-SOURCED INGREDIENTS

5.3 MARKET DYNAMICS

### 5.3.1 DRIVERS

#### 5.3.1.1 Rising consumption of food ingredients

### TABLE 4 FOOD INGREDIENTS & THEIR APPLICATIONS

#### 5.3.1.2 Growing demand for convenience foods

#### 5.3.1.3 Research & development driving innovation

#### 5.3.1.4 Functionalities of food anti-caking agents

#### 5.3.1.5 Demand for food products with better quality and longer shelf-life

### 5.3.2 RESTRAINTS

#### 5.3.2.1 Government regulations

#### 5.3.2.2 Health hazards

### 5.3.3 OPPORTUNITIES

#### 5.3.3.1 Demand from emerging markets

### FIGURE 23 INDIAN FOOD PROCESSING INDUSTRY MARKET, 2015 VS. 2020 (USD BILLION)

### FIGURE 24 INDIAN FOOD PROCESSING INDUSTRY PROJECTIONS, BY 2030

#### 5.3.3.2 Adoption of advanced technologies

### 5.3.4 CHALLENGES

#### 5.3.4.1 Impact of anti-caking agents on the nutritive value of the food product

#### 5.3.4.2 Consumer perception for e-numbers

## 6 INDUSTRY TRENDS

### 6.1 INTRODUCTION

### 6.2 PRICING ANALYSIS

### FIGURE 25 PRICING ANALYSIS, FOOD ANTI-CAKING AGENTS MARKET, BY TYPE, 2017-2025 (USD/KG)

### 6.3 SUPPLY CHAIN ANALYSIS

### FIGURE 26 SUPPLY CHAIN: FOOD ANTI-CAKING AGENTS MARKET

### 6.4 PORTER'S FIVE FORCES ANALYSIS

### FIGURE 27 PORTER'S FIVE FORCES ANALYSIS

#### 6.4.1 THREAT OF NEW ENTRANTS

#### 6.4.2 THREAT OF SUBSTITUTES

#### 6.4.3 BARGAINING POWER OF SUPPLIERS

#### 6.4.4 BARGAINING POWER OF BUYERS

#### 6.4.5 INTENSITY OF COMPETITIVE RIVALRY

## 7 REGULATORY FRAMEWORK

### 7.1 IDENTIFYING FOOD ADDITIVES IN PRODUCTS



## 7.2 US FDA

### 7.2.1 CALCIUM SILICATE

### 7.2.2 SILICON DIOXIDE

### 7.2.3 SODIUM FERROCYNNAIDE (YELLOW PRUSSIAE OF SODA)

## 7.3 CANADA

### 7.3.1 CALCIUM COMPOUNDS

#### TABLE 5 CALCIUM COMPOUNDS: FOOD APPLICATIONS & PERMISSIBLE LIMITS

### 7.3.2 SODIUM COMPOUNDS

#### TABLE 6 SODIUM COMPOUNDS: FOOD APPLICATIONS & PERMISSIBLE LIMITS

### 7.3.3 SILICON DIOXIDE

#### TABLE 7 SILICON DIOXIDE: FOOD APPLICATIONS & PERMISSIBLE LIMITS

### 7.3.4 MAGNESIUM COMPOUNDS

#### TABLE 8 MAGNESIUM COMPOUNDS: FOOD APPLICATIONS & PERMISSIBLE LIMITS

### 7.3.5 MICROCRYSTALLINE CELLULOSE

#### TABLE 9 MICROCRYSTALLINE CELLULOSE: FOOD APPLICATIONS & PERMISSIBLE LIMITS

## 7.4 EUROPE

### 7.4.1 E-NUMBERS

#### TABLE 10 LIST OF ANTI-CAKING AGENTS IN EUROPEAN UNION WITH E NUMBERS

### 7.4.2 LIST OF BANNED FOOD ANTI-CAKING AGENTS IN EUROPEAN UNION

### 7.4.3 RECENT AMENDMENTS

## 8 FOOD ANTI-CAKING AGENTS MARKET, BY TYPE

### 8.1 INTRODUCTION

#### FIGURE 28 FOOD ANTI-CAKING AGENTS MARKET, BY TYPE, 2020 VS. 2025 (USD MILLION)

#### TABLE 11 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

#### TABLE 12 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### TABLE 13 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (KT)

#### TABLE 14 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (KT)

### 8.1.1 COVID-19 IMPACT ON FOOD ANTI-CAKING AGENTS MARKET, BY TYPE

#### 8.1.1.1 Realistic scenario

#### TABLE 15 REALISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2018–2021 (USD MILLION)

#### 8.1.1.2 Optimistic scenario

TABLE 16 OPTIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2018–2021 (USD MILLION)

#### 8.1.1.3 Pessimistic scenario

TABLE 17 PESSIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2018–2021 (USD MILLION)

### 8.2 CALCIUM COMPOUNDS

8.2.1 HIGH MOISTURE ABSORPTION PROPERTIES OF CALCIUM COMPOUNDS IS DRIVING THE MARKET OF ANTI-CAKING AGENTS

TABLE 18 CALCIUM COMPOUNDS: PERMISSIBLE LIMITS & FOOD APPLICATIONS  
FIGURE 29 CALCIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020 VS. 2025 (USD MILLION)

TABLE 19 CALCIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 20 CALCIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 21 CALCIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 22 CALCIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 23 CALCIUM COMPOUNDS: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 24 CALCIUM COMPOUNDS: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 25 CALCIUM COMPOUNDS: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 26 CALCIUM COMPOUNDS: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 27 CALCIUM COMPOUNDS: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 28 CALCIUM COMPOUNDS: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 29 CALCIUM COMPOUNDS: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 30 CALCIUM COMPOUNDS: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

### 8.3 SODIUM COMPOUNDS

8.3.1 COLOR, FLAVOR, TEXTURE ENHANCER ARE THE KEY PROPERTIES OF SODIUM COMPOUNDS ALONG WITH ANTI-CAKING

TABLE 31 SODIUM COMPOUNDS: PERMISSIBLE LIMITS & FOOD APPLICATIONS

TABLE 32 SODIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 33 SODIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 34 SODIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 35 SODIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 36 SODIUM COMPOUNDS: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 37 SODIUM COMPOUNDS: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 38 SODIUM COMPOUNDS: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 39 SODIUM COMPOUNDS: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 40 SODIUM COMPOUNDS: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 41 SODIUM COMPOUNDS: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 42 SODIUM COMPOUNDS: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 43 SODIUM COMPOUNDS: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

#### 8.4 SILICON DIOXIDE

8.4.1 NATURAL AND SYNTHETIC FORMS OF SILICA AS ANTI-CAKING AGENT IS FUELLING DEMAND IN THE MARKET

TABLE 44 SILICON DIOXIDE: PERMISSIBLE LIMITS & FOOD APPLICATIONS

TABLE 45 SILICON DIOXIDE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 46 SILICON DIOXIDE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 47 SILICON DIOXIDE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 48 SILICON DIOXIDE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 49 SILICON DIOXIDE: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 50 SILICON DIOXIDE: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 51 SILICON DIOXIDE: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 52 SILICON DIOXIDE: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 53 SILICON DIOXIDE: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 54 SILICON DIOXIDE: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 55 SILICON DIOXIDE: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 56 SILICON DIOXIDE: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

## 8.5 MAGNESIUM COMPOUNDS

8.5.1 SALT AND CONFECTIONER'S SUGAR ARE KEY APPLICATION AREAS FOR THE MAGNESIUM COMPOUNDS

TABLE 57 MAGNESIUM COMPOUNDS: FOOD APPLICATIONS

TABLE 58 MAGNESIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 59 MAGNESIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 60 MAGNESIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 61 MAGNESIUM COMPOUNDS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 62 MAGNESIUM COMPOUNDS: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 63 MAGNESIUM COMPOUNDS: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 64 MAGNESIUM COMPOUNDS: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 65 MAGNESIUM COMPOUNDS: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 66 MAGNESIUM COMPOUNDS: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 67 MAGNESIUM COMPOUNDS: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 68 MAGNESIUM COMPOUNDS: ROW FOOD ANTI-CAKING AGENTS

MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 69 MAGNESIUM COMPOUNDS: ROW FOOD ANTI-CAKING AGENTS

MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

## 8.6 MICROCRYSTALLINE CELLULOSE

8.6.1 WOOD IS A KEY SOURCE FOR MICROCRYSTALLINE CELLULOSE

TABLE 70 MICROCRYSTALLINE CELLULOSE: PERMISSIBLE LIMITS & FOOD APPLICATIONS

TABLE 71 MICROCRYSTALLINE CELLULOSE: FOOD ANTI-CAKING AGENTS

MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 72 MICROCRYSTALLINE CELLULOSE: FOOD ANTI-CAKING AGENTS

MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 73 MICROCRYSTALLINE CELLULOSE: FOOD ANTI-CAKING AGENTS

MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 74 MICROCRYSTALLINE CELLULOSE: FOOD ANTI-CAKING AGENTS

MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 75 MICROCRYSTALLINE CELLULOSE: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 76 MICROCRYSTALLINE CELLULOSE: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 77 MICROCRYSTALLINE CELLULOSE: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 78 MICROCRYSTALLINE CELLULOSE: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 79 MICROCRYSTALLINE CELLULOSE: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 80 MICROCRYSTALLINE CELLULOSE: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 81 MICROCRYSTALLINE CELLULOSE: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 82 MICROCRYSTALLINE CELLULOSE: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

## 8.7 OTHER TYPES

8.7.1 ALUMINIUM SILICATE (KAOLIN) IS AMONG KEY OTHER ANTI-CAKING AGENTS

TABLE 83 OTHER TYPES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 84 OTHER TYPES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 85 OTHER TYPES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY



REGION, 2016–2019 (KT)

TABLE 86 OTHER TYPES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 87 OTHER TYPES: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 88 OTHER TYPES: NORTH AMERICAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 89 OTHER TYPES: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 90 OTHER TYPES: EUROPEAN FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 91 OTHER TYPES: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2016–2019 (USD MILLION)

TABLE 92 OTHER TYPES: ASIA PACIFIC FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY / REGION, 2020–2025 (USD MILLION)

TABLE 93 OTHER TYPES: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 94 OTHER TYPES: ROW FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

## **9 FOOD ANTI-CAKING AGENTS MARKET, BY APPLICATION**

### **9.1 INTRODUCTION**

FIGURE 30 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020 VS. 2025 (USD MILLION)

TABLE 95 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 96 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 97 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (KT)

TABLE 98 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (KT)

9.1.1 COVID-19 IMPACT ON FOOD ANTI-CAKING AGENTS MARKET, BY APPLICATION

9.1.1.1 Realistic scenario

TABLE 99 REALISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2018–2021 (USD MILLION)

9.1.1.2 Optimistic scenario

TABLE 100 OPTIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2018–2021 (USD MILLION)

9.1.1.3 Pessimistic scenario

TABLE 101 PESSIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2018–2021 (USD MILLION)

9.2 SEASONINGS & CONDIMENTS

9.2.1 CONSUMPTION OF SPICES MAJORLY IN POWDERED FORM IS MARKET DRIVER FOR THE SEGMENT

FIGURE 31 FOOD ANTI-CAKING AGENTS IN SEASONINGS & CONDIMENTS MARKET SIZE, BY REGION, 2020 VS. 2025 (USD MILLION)

TABLE 102 SEASONINGS & CONDIMENTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 103 SEASONINGS & CONDIMENTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 104 SEASONINGS & CONDIMENTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 105 SEASONINGS & CONDIMENTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

9.3 BAKERY

9.3.1 GROWING DEMAND FOR BAKERY PREMIXES IN POWDERED FORM IS PROVIDING OPPORTUNITY FOR ANTI-CAKING AGENTS

TABLE 106 BAKERY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 107 BAKERY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 108 BAKERY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 109 BAKERY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

9.4 DAIRY PRODUCTS

9.4.1 INCREASING SHELF LIFE ALONG WITH ANTI-CAKING PROPERTIES TO UPLIFT THE DEMAND IN DAIRY SEGMENT

TABLE 110 DAIRY PRODUCTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 111 DAIRY PRODUCTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 112 DAIRY PRODUCTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 113 DAIRY PRODUCTS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY

REGION, 2020–2025 (KT)

## 9.5 SOUPS & SAUCES

9.5.1 THE SOUPS AND SAUCES MARKET IS GAINING TRACTION IN POWDERED FORM

TABLE 114 SOUPS & SAUCES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 115 SOUPS & SAUCES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 116 SOUPS & SAUCES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 117 SOUPS & SAUCES: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

## 9.6 OTHER APPLICATIONS

9.6.1 CALCIUM STEARATE AND SILICON DIOXIDE ARE LARGELY USED IN MEAT APPLICATION

TABLE 118 FOOD ANTI-CAKING AGENTS, BY FOOD PRODUCT

TABLE 119 OTHER APPLICATIONS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 120 OTHER APPLICATIONS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 121 OTHER APPLICATIONS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 122 OTHER APPLICATIONS: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

# 10 FOOD ANTI-CAKING AGENTS MARKET, BY SOURCE

## 10.1 INTRODUCTION

FIGURE 32 GLOBAL FOOD ANTI-CAKING AGENTS MARKET, BY SOURCE, 2020 VS. 2025

TABLE 123 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2016–2019 (USD MILLION)

TABLE 124 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2020–2025 (USD MILLION)

10.1.1 COVID-19 IMPACT ON FOOD ANTI-CAKING AGENTS MARKET, BY SOURCE

### 10.1.1.1 Realistic Scenario

TABLE 125 REALISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2018–2021 (USD MILLION)



#### 10.1.1.2 Optimistic Scenario

TABLE 126 OPTIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2018–2021 (USD MILLION)

#### 10.1.1.3 Pessimistic Scenario

TABLE 127 PESSIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2018–2021 (USD MILLION)

### 10.2 SYNTHETIC

10.2.1 DEVELOPMENT OF BAKERY AND CONFECTIONERY SECTORS GLOBALLY DRIVING THE USE OF QUALITY ANTI-CAKING AGENTS

TABLE 128 SYNTHETIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016-2019 (USD MILLION)

TABLE 129 SYNTHETIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020-2025 (USD MILLION)

### 10.3 NATURAL

10.3.1 INCREASING FOOD SAFETY AWARENESS AMONG THE GLOBAL POPULATION PROPELLING THE DEMAND FOR NATURAL ANTI-CAKING AGENTS

TABLE 130 NATURAL: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016-2019 (USD MILLION)

TABLE 131 NATURAL: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020-2025 (USD MILLION)

## 11 FOOD ANTI-CAKING AGENTS MARKET, BY REGION

### 11.1 INTRODUCTION

FIGURE 33 GEOGRAPHIC SNAPSHOT: NEW HOTSPOTS EMERGING IN ASIA PACIFIC

TABLE 132 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 133 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 134 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 135 FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

#### 11.1.1 COVID-19 IMPACT ON FOOD ANTI-CAKING AGENTS MARKET, BY REGION

##### 11.1.1.1 Realistic scenario

TABLE 136 REALISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

##### 11.1.1.2 Optimistic scenario

TABLE 137 OPTIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

11.1.1.3 Pessimistic scenario

TABLE 138 PESSIMISTIC SCENARIO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

11.2 NORTH AMERICA

FIGURE 34 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET

TABLE 139 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 140 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 141 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2016–2019 (KT)

TABLE 142 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY, 2020–2025 (KT)

TABLE 143 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 144 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

TABLE 145 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (KT)

TABLE 146 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (KT)

TABLE 147 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 148 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 149 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (KT)

TABLE 150 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (KT)

TABLE 151 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2016–2019 (USD MILLION)

TABLE 152 NORTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2020–2025 (USD MILLION)

11.2.1 US

TABLE 153 US: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 154 US: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025

(USD MILLION)

#### 11.2.2 CANADA

TABLE 155 CANADA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 156 CANADA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.2.3 MEXICO

TABLE 157 MEXICO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 158 MEXICO: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.3 EUROPE

FIGURE 35 EUROPE: FOOD ANTI-CAKING AGENTS MARKET

TABLE 159 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2016–2019 (USD MILLION)

TABLE 160 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2020–2025 (USD MILLION)

TABLE 161 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2016–2019 (KT)

TABLE 162 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2020–2025 (KT)

TABLE 163 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 164 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

TABLE 165 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (KT)

TABLE 166 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (KT)

TABLE 167 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 168 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 169 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (KT)

TABLE 170 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (KT)

TABLE 171 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2016–2019 (USD MILLION)

TABLE 172 EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2020–2025 (USD MILLION)

11.3.1 GERMANY

TABLE 173 GERMANY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 174 GERMANY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

11.3.2 FRANCE

TABLE 175 FRANCE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 176 FRANCE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

11.3.3 UK

TABLE 177 UK: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 178 UK: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

11.3.4 ITALY

TABLE 179 ITALY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 180 ITALY: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

11.3.5 RUSSIA

TABLE 181 RUSSIA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 182 RUSSIA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

11.3.6 REST OF EUROPE

TABLE 183 REST OF EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 184 REST OF EUROPE: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

11.4 ASIA PACIFIC

FIGURE 36 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET

TABLE 185 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2016–2019 (USD MILLION)

TABLE 186 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2020–2025 (USD MILLION)

TABLE 187 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY

COUNTRY/REGION, 2016–2019 (KT)

TABLE 188 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY COUNTRY/REGION, 2020–2025 (KT)

TABLE 189 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 190 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

TABLE 191 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (KT)

TABLE 192 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (KT)

TABLE 193 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 194 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 195 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (KT)

TABLE 196 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (KT)

TABLE 197 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2016–2019 (USD MILLION)

TABLE 198 ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2020–2025 (USD MILLION)

#### 11.4.1 CHINA

TABLE 199 CHINA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 200 CHINA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.4.2 JAPAN

TABLE 201 JAPAN: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 202 JAPAN: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.4.3 INDIA

TABLE 203 INDIA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 204 INDIA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.4.4 AUSTRALIA

TABLE 205 AUSTRALIA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 206 AUSTRALIA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.4.5 REST OF ASIA PACIFIC

TABLE 207 REST OF ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 208 REST OF ASIA PACIFIC: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.5 REST OF THE WORLD (ROW)

TABLE 209 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 210 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (USD MILLION)

TABLE 211 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2016–2019 (KT)

TABLE 212 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY REGION, 2020–2025 (KT)

TABLE 213 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 214 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

TABLE 215 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (KT)

TABLE 216 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (KT)

TABLE 217 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 218 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 219 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2016–2019 (KT)

TABLE 220 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY APPLICATION, 2020–2025 (KT)

TABLE 221 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2016–2019 (USD MILLION)

TABLE 222 ROW: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY SOURCE, 2020–2025 (USD MILLION)

#### 11.5.1 SOUTH AMERICA



TABLE 223 SOUTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 224 SOUTH AMERICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.5.2 MIDDLE EAST

TABLE 225 MIDDLE EAST: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 226 MIDDLE EAST: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

#### 11.5.3 AFRICA

TABLE 227 AFRICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 228 AFRICA: FOOD ANTI-CAKING AGENTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

## 12 COMPETITIVE LANDSCAPE

### 12.1 OVERVIEW

### 12.2 MARKET RANKING ANALYSIS

FIGURE 37 TOP FIVE COMPANIES IN THE FOOD ANTI-CAKING AGENTS MARKET, 2019

#### 12.2.1 MARKET EVALUATION FRAMEWORK

FIGURE 38 FOOD ANTI-CAKING AGENTS MARKET: TRENDS IN COMPANY STRATEGIES, 2017–2019

### 12.3 COMPETITIVE SCENARIO

#### 12.3.1 EXPANSIONS

TABLE 229 EXPANSIONS, 2019

#### 12.3.2 ACQUISITIONS

TABLE 230 ACQUISITIONS, 2017

### 12.4 COVID-19 SPECIFIC COMPANY RESPONSE

### 12.5 COMPANY EVALUATION QUADRANT (OVERALL MARKET)

#### 12.5.1 STARS

#### 12.5.2 PERVASIVE PLAYERS

#### 12.5.3 EMERGING LEADERS

#### 12.5.4 PARTICIPANTS

FIGURE 39 FOOD ANTI-CAKING AGENTS MARKET: COMPANY EVALUATION QUADRANT, 2019

### 12.6 COMPETITIVE LEADERSHIP MAPPING (START-UPS/SMES)

#### 12.6.1 PROGRESSIVE COMPANIES

12.6.2 STARTING BLOCKS

12.6.3 RESPONSIVE COMPANIES

12.6.4 DYNAMIC COMPANIES

FIGURE 40 FOOD ANTI-CAKING AGENTS MARKET: COMPETITIVE LEADERSHIP MAPPING, 2019

## **13 COMPANY PROFILES**

(Business overview, Products offered, Recent Developments, SWOT analysis, MNM view)\*

### **13.1 KEY PLAYERS**

13.1.1 PPG INDUSTRIES, INC.

FIGURE 41 PPG INDUSTRIES, INC.: COMPANY SNAPSHOT

FIGURE 42 PPG INDUSTRIES, INC.: SWOT ANALYSIS

13.1.2 EVONIK INDUSTRIES AG

FIGURE 43 EVONIK INDUSTRIES AG: COMPANY SNAPSHOT

FIGURE 44 EVONIK INDUSTRIES AG: SWOT ANALYSIS

13.1.3 BRENNTAG AG

FIGURE 45 BRENNTAG AG: COMPANY SNAPSHOT

FIGURE 46 BRENNTAG AG: SWOT ANALYSIS

13.1.4 UNIVAR SOLUTIONS INC.

FIGURE 47 UNIVAR SOLUTIONS INC.: COMPANY SNAPSHOT

FIGURE 48 UNIVAR SOLUTIONS INC.: SWOT ANALYSIS

13.1.5 CABOT CORPORATION

FIGURE 49 CABOT CORPORATION: COMPANY SNAPSHOT

FIGURE 50 CABOT CORPORATION: SWOT ANALYSIS

13.1.6 SOLVAY S.A.

FIGURE 51 SOLVAY S.A.: COMPANY SNAPSHOT

13.1.7 AGROPUR INGREDIENTS

13.1.8 HUBER ENGINEERED MATERIALS

13.1.9 INTERNATIONAL MEDIA AND CULTURES, INC.

13.1.10 PQ CORPORATION

FIGURE 52 PQ CORPORATION: COMPANY SNAPSHOT

13.1.11 SWEETENER SUPPLY CORP.

13.1.12 JELU-WERK J. EHRLER GMBH & CO. KG

13.1.13 W. R. GRACE & CO.-CONN.

FIGURE 53 W. R. GRACE & CO.-CONN.: COMPANY SNAPSHOT

### **13.2 OTHER PLAYERS**

13.2.1 JINSHA PRECIPITATED SILICA MANUFACTURING CO., LTD.



- 13.2.2 BIMAL PHARMA PVT. LTD.
- 13.2.3 GUJARAT MULTI GAS BASE CHEMICALS PVT. LTD.
- 13.2.4 RAVAGO CHEMICALS
- 13.2.5 HYDRITE CHEMICAL CO.
- 13.2.6 PENTA MANUFACTURING COMPANY
- 13.2.7 SPECTRUM CHEMICAL MANUFACTURING CORP.
- 13.2.8 SHANDONG ZHONGHAI NEW MATERIAL GROUP CO., LTD
- 13.2.9 WEGO CHEMICAL GROUP
- 13.2.10 ASTRRA CHEMICALS.
- 13.2.11 SUNSHINE INDUSTRIES
- 13.2.12 OSIAN MARINE CHEMICALS PVT. LTD

\*Details on Business overview, Products offered, Recent Developments, SWOT analysis, MNM view might not be captured in case of unlisted companies.

## **14 ADJACENT AND RELATED MARKETS**

### **14.1 INTRODUCTION**

TABLE 231 ADJACENT MARKETS TO FOOD ANTI-CAKING AGENTS

### **14.2 LIMITATIONS**

### **14.3 FOOD ADDITIVES MARKET**

#### **14.3.1 MARKET DEFINITION**

#### **14.3.2 MARKET OVERVIEW**

TABLE 232 FOOD ADDITIVES MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

### **14.4 FOOD PROCESSING INGREDIENTS**

#### **14.4.1 MARKET DEFINITION**

#### **14.4.2 MARKET OVERVIEW**

TABLE 233 FOOD PROCESSING INGREDIENTS MARKET, BY APPLICATION, 2016 - 2023 (USD MILLION)

### **14.5 INTEGRATED FOOD INGREDIENTS MARKET**

#### **14.5.1 MARKET DEFINITION**

#### **14.5.2 MARKET OVERVIEW**

TABLE 234 BEVERAGES: INTEGRATED FOOD INGREDIENTS MARKET SIZE, BY INGREDIENT, 2016–2023 (USD BILLION)

## **15 APPENDIX**

### **15.1 DISCUSSION GUIDE**

### **15.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL**

15.3 AVAILABLE CUSTOMIZATIONS

15.4 RELATED REPORTS

15.5 AUTHOR DETAILS

## I would like to order

Product name: Food Anti-Caking Agents Market by Type (Calcium Compounds, Sodium Compounds, Silicon Dioxide, and Microcrystalline Cellulose), Application (Seasonings and Condiments, Bakery, Dairy, and Soups and Sauces), Source & Region - Global Forecast to 2025

Product link: <https://marketpublishers.com/r/F054372B68DEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F054372B68DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970