

# **Nucleating and Clarifying Agents Market by Agent Type (Nucleating Agents, Clarifying Agents), Form (Powder, Granules, Liquid), Polymer (PP, PE, PET), Application (Packaging, Consumer Products) and Region - Global Forecast to 2027**

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## **Abstracts**

Nucleating and clarifying agents market is expected to reach at USD 504 million in 2027 at a CAGR of 7.3% during the forecast period. The rise in the consumption of polymers has led to the increased usage of nucleating agents for the manufacture of products for various applications. The use of nucleating agents helps enhance the mechanical and optical properties of products and reduces production cycle time. This is expected to increase the demand for nucleating and clarifying agents for optimal production and energy-efficient use.

“By agent type, nucleating agents accounted for second-largest market share for nucleating and clarifying agents market, in terms of volume, in 2021”

Nucleating agents are plastic additives used to promote the crystallization of semi-crystalline polymers. When these additives are exposed to temperatures at which the polymer begins to melt, they form a heterogeneous surface over the polymer melt, accelerating the crystallization process. Nucleating agents are also used majorly in polypropylene, including homo and random copolymers.

“Consumer products is expected to be the second-fastest growing application for nucleating and clarifying agents market during the forecast period, in terms of value”

The different variants of plastics that are used in the manufacture of consumer products include polyethylene (PE), polypropylene (PP), and polyethylene terephthalate (PET).

Additives are used to enhance the chemical and physical properties of plastic products. One such additive includes nucleating and clarifying agents. These agents impart enhanced mechanical and optical properties to the final products. Such products include personal care and household products. The segment is projected to grow at second-highest CAGR, in terms of value, during the forecast period.

“Based on region, Europe region was the largest market for nucleating and clarifying agents in 2021, in terms of volume.”

Europe was the largest market for global nucleating and clarifying agents, in terms of volume, in 2021. Rising disposable income in developed countries such as Germany, France and UK is expected to drive demand for high quality and specialty cosmetics. This will drive demand for efficient production of polymers used for manufacturing these consumer goods. Thus, the use of nucleating and clarifying agents is expected to increase for a better production rate and improved physical properties.

In the process of determining and verifying the market size for several segments and subsegments identified through secondary research, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees are as follows:

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%, APAC - 28%, Middle East & Africa-12%, and South America-7%

The key players in this market are include Milliken & Company (U.S.), ADEKA Corporation (Japan), Imerys S.A. (France), Shandong Rainwell New Materials Technology Co., Ltd. (China), BASF SE (Germany), and Clariant AG (Switzerland).

## Research Coverage

This report segments the market for nucleating and clarifying agents market on the basis of agent type, form, polymer, application, and region, and provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, and mergers &

acquisition associated with the market for nucleating and clarifying agents market.

Key benefits of buying this report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the nucleating and clarifying agents market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on nucleating and clarifying agents market offered by top players in the global nucleating and clarifying agents market

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product launches in the nucleating and clarifying agents market

**Market Development:** Comprehensive information about lucrative emerging markets — the report analyzes the markets for nucleating and clarifying agents market across regions

**Market Diversification:** Exhaustive information about new products, untapped regions, and recent developments in the global nucleating and clarifying agents market

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

**Impact of COVID-19 on nucleating and clarifying agents market**

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

##### 1.2.1 INCLUSIONS AND EXCLUSIONS

##### 1.2.2 MARKET DEFINITIONS AND INCLUSIONS, BY AGENT TYPE

##### 1.2.3 MARKET DEFINITIONS AND INCLUSIONS, BY POLYMER

##### 1.2.4 MARKET DEFINITIONS AND INCLUSIONS, BY FORM

##### 1.2.5 MARKET DEFINITIONS AND INCLUSIONS, BY APPLICATION

#### 1.3 MARKET SCOPE

##### 1.3.1 REGIONS COVERED

##### 1.3.2 YEARS CONSIDERED

#### 1.4 CURRENCY CONSIDERED

#### 1.5 UNIT CONSIDERED

#### 1.6 STAKEHOLDERS

#### 1.7 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### FIGURE 1 RESEARCH DESIGN

##### 2.1.1 SECONDARY DATA

##### 2.1.2 PRIMARY DATA

##### 2.1.2.1 Primary interviews: Demand side and supply side

##### 2.1.2.2 Key industry insights

##### 2.1.2.3 Breakdown of primary interviews

#### 2.2 MARKET SIZE ESTIMATION

##### 2.2.1 BOTTOM-UP APPROACH

##### FIGURE 2 MARKET SIZE ESTIMATION - APPROACH 1 (SUPPLY SIDE): COMBINED SHARE OF MAJOR PLAYERS

##### FIGURE 3 MARKET SIZE ESTIMATION - BOTTOM-UP (SUPPLY SIDE): REVENUE FROM SALE OF NUCLEATING AND CLARIFYING AGENTS

##### FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 – BOTTOM-UP (DEMAND SIDE): PRODUCTS SOLD AND THEIR AVERAGE SELLING PRICES

#### 2.3 DATA TRIANGULATION

##### FIGURE 5 DATA TRIANGULATION

#### 2.4 GROWTH RATE ASSUMPTIONS/GROWTH FORECAST

#### 2.4.1 SUPPLY SIDE

FIGURE 6 CAGR PROJECTIONS FROM SUPPLY SIDE

#### 2.4.2 DEMAND SIDE

FIGURE 7 GROWTH PROJECTIONS FROM DEMAND SIDE: DRIVERS AND OPPORTUNITIES

#### 2.5 FACTOR ANALYSIS

#### 2.6 ASSUMPTIONS

#### 2.7 LIMITATIONS

#### 2.8 RISK ASSESSMENT

TABLE 1 RISK ASSESSMENT

### 3 EXECUTIVE SUMMARY

FIGURE 8 PP SEGMENT TO DOMINATE MARKET

FIGURE 9 PACKAGING APPLICATION TO GROW AT HIGHEST CAGR

FIGURE 10 ASIA PACIFIC MARKET TO GROW AT HIGHEST CAGR

### 4 PREMIUM INSIGHTS

4.1 SIGNIFICANT OPPORTUNITIES FOR PLAYERS IN NUCLEATING AND CLARIFYING AGENTS MARKET

FIGURE 11 MARKET EXPECTED TO WITNESS HIGH GROWTH BETWEEN 2021 AND 2027

4.2 NUCLEATING AND CLARIFYING AGENTS MARKET IN EUROPE

FIGURE 12 GERMANY ACCOUNTED FOR LARGEST SHARE OF EUROPE MARKET IN 2021

4.3 NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

FIGURE 13 POWDER FORM TO DOMINATE MARKET

4.4 NUCLEATING AND CLARIFYING AGENTS MARKET GROWTH, BY REGION

FIGURE 14 ASIA PACIFIC MARKET TO GROW AT HIGHEST CAGR

4.5 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021

FIGURE 15 PACKAGING SEGMENT ACCOUNTED FOR LARGEST SHARE IN 2021

4.6 NUCLEATING AND CLARIFYING AGENTS MARKET ATTRACTIVENESS

FIGURE 16 CHINA TO BE FASTEST-GROWING MARKET

### 5 MARKET OVERVIEW

#### 5.1 INTRODUCTION

## 5.2 MARKET DYNAMICS

### FIGURE 17 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN NUCLEATING AND CLARIFYING AGENTS MARKET

#### 5.2.1 DRIVERS

##### 5.2.1.1 Increase in consumption of plastics

#### TABLE 2 PLASTIC CONSUMPTION – BY COUNTRY, 2014–2020 (KILOTON)

##### 5.2.1.2 Demand for polymers in packaging applications

#### TABLE 3 GLOBAL PLASTIC PACKAGING INDUSTRY OUTLOOK, 2012–2022, (USD BILLION)

##### 5.2.1.3 Increasing focus on plastic recycling

#### 5.2.2 RESTRAINTS

##### 5.2.2.1 Awareness about adverse effects of plastics

#### TABLE 4 COMMON USAGE AND ADVERSE HEALTH EFFECTS OF PLASTICS

##### 5.2.2.2 Environmental concerns

#### TABLE 5 REGULATIONS ON USAGE OF PLASTICS

#### 5.2.3 OPPORTUNITIES

##### 5.2.3.1 Rise in pharmaceutical applications

#### 5.2.4 CHALLENGES

##### 5.2.4.1 Appropriate dosage in polymers

## 5.3 PORTER'S FIVE FORCES ANALYSIS

### FIGURE 18 NUCLEATING AND CLARIFYING AGENTS MARKET: PORTER'S FIVE FORCES ANALYSIS

#### 5.3.1 THREAT OF SUBSTITUTES

#### 5.3.2 BARGAINING POWER OF SUPPLIERS

#### 5.3.3 BARGAINING POWER OF BUYERS

#### 5.3.4 THREAT OF NEW ENTRANTS

#### 5.3.5 RIVALRY AMONG EXISTING COMPETITORS

#### TABLE 6 NUCLEATING AND CLARIFYING AGENTS MARKET: PORTER'S FIVE FORCES ANALYSIS

## 5.4 KEY STAKEHOLDERS AND BUYING CRITERIA

#### 5.4.1 KEY STAKEHOLDERS IN BUYING PROCESS

### FIGURE 19 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP THREE APPLICATIONS

#### TABLE 7 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP THREE APPLICATIONS (%)

#### 5.4.2 BUYING CRITERIA

### FIGURE 20 KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS

#### TABLE 8 KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS

## 5.5 MACROECONOMIC INDICATORS

### 5.5.1 GDP TRENDS AND FORECAST FOR MAJOR ECONOMIES

TABLE 9 GDP TRENDS AND FORECAST, BY MAJOR ECONOMIES, 2020–2027  
(USD BILLION)

## 6 INDUSTRY TRENDS

### 6.1 SUPPLY CHAIN ANALYSIS

FIGURE 21 NUCLEATING AND CLARIFYING AGENTS MARKET: SUPPLY CHAIN

#### 6.1.1 RAW MATERIALS

#### 6.1.2 ADDITIVE MANUFACTURERS

#### 6.1.3 DISTRIBUTION

#### 6.1.4 APPLICATION

6.2 NUCLEATING AND CLARIFYING AGENTS MARKET: REALISTIC, PESSIMISTIC, OPTIMISTIC, AND NON-COVID-19 SCENARIOS

FIGURE 22 MARKET SIZE UNDER REALISTIC, PESSIMISTIC, OPTIMISTIC, AND NON-COVID-19 SCENARIOS

TABLE 10 NUCLEATING AND CLARIFYING AGENTS MARKET FORECAST SCENARIO, 2019–2026 (USD MILLION)

#### 6.2.1 NON-COVID-19 SCENARIO

#### 6.2.2 OPTIMISTIC SCENARIO

#### 6.2.3 PESSIMISTIC SCENARIO

#### 6.2.4 REALISTIC SCENARIO

6.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

6.3.1 REVENUE SHIFT AND REVENUE POCKETS FOR NUCLEATING AND CLARIFYING AGENTS

FIGURE 23 NUCLEATING AND CLARIFYING AGENTS MARKET: CHANGING REVENUE MIX

6.4 CONNECTED MARKETS: ECOSYSTEM

FIGURE 24 NUCLEATING AND CLARIFYING AGENTS MARKET: ECOSYSTEM

TABLE 11 NUCLEATING AND CLARIFYING AGENTS MARKET: SUPPLY CHAIN

6.5 TECHNOLOGY ANALYSIS

6.6 CASE STUDY ANALYSIS

6.6.1 EFFECT ON TRANSPARENCY OF NUCLEATING AGENT-CONTAINING POLYPROPYLENE

6.7 TRADE DATA STATISTICS

#### 6.7.1 IMPORT SCENARIO

FIGURE 25 IMPORTS OF NUCLEATING AND CLARIFYING AGENTS, BY KEY COUNTRIES

TABLE 12 IMPORTS OF NUCLEATING AND CLARIFYING AGENTS, BY REGION,



2012–2020 (USD MILLION)

#### 6.7.2 EXPORT SCENARIO

FIGURE 26 EXPORTS OF NUCLEATING AND CLARIFYING AGENTS, BY KEY COUNTRIES

TABLE 13 EXPORTS OF NUCLEATING AND CLARIFYING AGENTS, BY REGION, 2012–2020 (USD MILLION)

#### 6.8 PRICING ANALYSIS

##### 6.8.1 AVERAGE SELLING PRICES OF KEY PLAYERS, BY APPLICATION

FIGURE 27 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP THREE APPLICATIONS

TABLE 14 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP THREE APPLICATIONS (USD/KG)

##### 6.8.2 AVERAGE SELLING PRICE TRENDS

FIGURE 28 AVERAGE SELLING PRICE OF NUCLEATING AND CLARIFYING AGENTS, BY REGION, 2020-2027

TABLE 15 AVERAGE SELLING PRICE OF NUCLEATING AND CLARIFYING AGENTS, BY REGION, 2020–2027 (USD/KG)

#### 6.9 KEY CONFERENCES AND EVENTS IN 2022-2023

TABLE 16 NUCLEATING AND CLARIFYING AGENTS MARKET: LIST OF CONFERENCES AND EVENTS

#### 6.10 GLOBAL REGULATORY FRAMEWORK AND ITS IMPACT ON NUCLEATING AND CLARIFYING AGENTS MARKET

TABLE 17 REGULATIONS RELATED TO NUCLEATING AND CLARIFYING AGENTS

#### 6.11 PATENT ANALYSIS

##### 6.11.1 APPROACH

##### 6.11.2 DOCUMENT TYPE

TABLE 18 GRANTED PATENTS ~10% OF TOTAL COUNT

FIGURE 29 PATENT PUBLICATION TRENDS, 2011–2021

FIGURE 30 LEGAL STATUS OF PATENTS

##### 6.11.3 JURISDICTION ANALYSIS

FIGURE 31 MAXIMUM PATENTS FILED BY COMPANIES IN CHINA

##### 6.11.4 TOP APPLICANTS

FIGURE 32 CHINA PETROLEUM & CHEMICAL COMPANY REGISTERED MAXIMUM NUMBER OF PATENTS BETWEEN 2011 AND 2021

TABLE 19 LIST OF RECENT PATENTS BY CHINA PETROLEUM & CHEMICAL CORPORATION

TABLE 20 LIST OF RECENT PATENTS BY BOREALIS AG

TABLE 21 LIST OF RECENT PATENTS BY DOW

TABLE 22 TOP 10 PATENT OWNERS IN US, 2011–2021



## 7 NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

### 7.1 INTRODUCTION

FIGURE 33 POWDER SEGMENT TO BE LARGEST MARKET

TABLE 23 NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM, 2017–2020 (TON)

TABLE 24 NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM, 2021–2027 (TON)

TABLE 25 NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM, 2017–2020 (USD MILLION)

TABLE 26 NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM, 2021–2027 (USD MILLION)

### 7.2 POWDER

#### 7.2.1 REDUCTION IN PARTICLE SIZE AND DIFFICULTIES IN COMPOUNDING

TABLE 27 POWDER: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2017–2020 (TON)

TABLE 28 POWDER: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2021–2027 (TON)

TABLE 29 POWDER: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 30 POWDER: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2021–2027 (USD MILLION)

### 7.3 GRANULES

#### 7.3.1 BETTER FLOW PROPERTIES AND INCREASED COMPRESSIBILITY

TABLE 31 GRANULES: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2017–2020 (TON)

TABLE 32 GRANULES: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2021–2027 (TON)

TABLE 33 GRANULES: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 34 GRANULES: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2021–2027 (USD MILLION)

### 7.4 LIQUID

#### 7.4.1 HIGHER MIGRATION INTO MATERIAL SURFACES

TABLE 35 LIQUID: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2017–2020 (TON)

TABLE 36 LIQUID: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2021–2027 (TON)

TABLE 37 LIQUID: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 38 LIQUID: NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION, 2021–2027 (USD MILLION)

## **8 NUCLEATING AND CLARIFYING AGENTS MARKET, BY AGENT TYPE**

### **8.1 INTRODUCTION**

FIGURE 34 CLARIFYING AGENTS SEGMENT TO BE FASTEST-GROWING

TABLE 39 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (TON)

TABLE 40 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (TON)

TABLE 41 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (USD MILLION)

TABLE 42 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (USD MILLION)

### **8.2 NUCLEATING AGENTS**

#### **8.2.1 CONSUMER GOODS APPLICATION TO DRIVE MARKET**

TABLE 43 NUCLEATING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 44 NUCLEATING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 45 NUCLEATING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 46 NUCLEATING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

### **8.3 CLARIFYING AGENTS**

#### **8.3.1 INCREASED DEMAND FOR PP**

TABLE 47 CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 48 CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 49 CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 50 CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

## **9 NUCLEATING AND CLARIFYING AGENTS MARKET, BY POLYMER**

### **9.1 INTRODUCTION**

FIGURE 35 PP TO BE LEADING POLYMER

TABLE 51 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER,

2017–2020 (TON)

TABLE 52 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (TON)

TABLE 53 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (USD MILLION)

TABLE 54 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

## 9.2 POLYPROPYLENE (PP)

### 9.2.1 DEMAND FOR PP IN CONSUMER GOODS

TABLE 55 PP: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 56 PP: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 57 PP: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 58 PP: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

## 9.3 POLYETHYLENE (PE)

### 9.3.1 PACKAGING INDUSTRY TO DRIVE DEMAND

TABLE 59 PE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 60 PE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 61 PE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 62 PE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

### 9.3.2 HDPE

### 9.3.3 LDPE

### 9.3.4 LLDPE

## 9.4 POLYETHYLENE TEREPHTHALATE (PET)

### 9.4.1 DEMAND FOR BEVERAGE PACKAGING

TABLE 63 PET: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 64 PET: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 65 PET: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 66 PET: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY

REGION, 2021–2027 (USD MILLION)

9.5 OTHERS

TABLE 67 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 68 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 69 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 70 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

9.5.1 POLYAMIDE

9.5.2 POLYSTYRENE

9.5.3 ACRYLONITRILE BUTADIENE STYRENE

## **10 NUCLEATING AND CLARIFYING AGENTS MARKET, BY APPLICATION**

10.1 INTRODUCTION

FIGURE 36 PACKAGING APPLICATION TO DRIVE MARKET

TABLE 71 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 72 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 73 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 74 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

10.2 PACKAGING

10.2.1 DEMAND FOR TRANSPARENT FOOD & BEVERAGE PACKAGING

10.2.2 FOOD & BEVERAGE PACKAGING

10.2.3 MEDIA PACKAGING

TABLE 75 PACKAGING: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 76 PACKAGING: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 77 PACKAGING: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 78 PACKAGING: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

10.3 CONSUMER PRODUCTS

### 10.3.1 INCREASING DEMAND DUE TO REDUCED PROCESSING CYCLE TIME AND HIGHER PRODUCTIVITY

#### 10.3.2 PERSONAL CARE PRODUCTS

#### 10.3.3 HOUSEHOLD PRODUCTS

TABLE 79 CONSUMER PRODUCTS: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 80 CONSUMER PRODUCTS: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 81 CONSUMER PRODUCTS: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 82 CONSUMER PRODUCTS: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

### 10.4 AUTOMOTIVE

#### 10.4.1 RISING CONSUMPTION IN AUTOMOTIVE INDUSTRY

#### 10.4.2 AUTOMOTIVE INTERIORS

#### 10.4.3 AUTOMOTIVE EXTERIORS

#### 10.4.4 AUTOMOTIVE ELECTRICAL SYSTEMS

TABLE 83 AUTOMOTIVE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE,  
BY REGION, 2017–2020 (TON)

TABLE 84 AUTOMOTIVE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE,  
BY REGION, 2021–2027 (TON)

TABLE 85 AUTOMOTIVE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE,  
BY REGION, 2017–2020 (USD MILLION)

TABLE 86 AUTOMOTIVE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE,  
BY REGION, 2021–2027 (USD MILLION)

### 10.5 ELECTRONICS

#### 10.5.1 REDUCED PROCESSING CYCLE TIME AND ENHANCED PRODUCTIVITY

TABLE 87 ELECTRONICS: NUCLEATING AND CLARIFYING AGENTS MARKET  
SIZE, BY REGION, 2017–2020 (TON)

TABLE 88 ELECTRONICS: NUCLEATING AND CLARIFYING AGENTS MARKET  
SIZE, BY REGION, 2021–2027 (TON)

TABLE 89 ELECTRONICS: NUCLEATING AND CLARIFYING AGENTS MARKET  
SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 90 ELECTRONICS: NUCLEATING AND CLARIFYING AGENTS MARKET  
SIZE, BY REGION, 2021–2027 (USD MILLION)

### 10.6 OTHERS

#### 10.6.1 BUILDING & CONSTRUCTION

#### 10.6.2 PHARMACEUTICALS

#### 10.6.3 AGRICULTURE

TABLE 91 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 92 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 93 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 94 OTHERS: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

## **11 NUCLEATING AND CLARIFYING AGENTS MARKET, BY REGION**

### **11.1 INTRODUCTION**

FIGURE 37 EUROPE TO LEAD MARKET DURING FORECAST PERIOD

TABLE 95 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (TON)

TABLE 96 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (TON)

TABLE 97 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 98 NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

### **11.2 ASIA PACIFIC**

FIGURE 38 ASIA PACIFIC MARKET SNAPSHOT

11.2.1 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET, BY AGENT TYPE

TABLE 99 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (TON)

TABLE 100 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (TON)

TABLE 101 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (USD MILLION)

TABLE 102 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (USD MILLION)

11.2.2 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

TABLE 103 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (TON)

TABLE 104 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (TON)



TABLE 105 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (USD MILLION)

TABLE 106 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (USD MILLION)

11.2.3 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET, BY POLYMER

TABLE 107 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (TON)

TABLE 108 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (TON)

TABLE 109 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (USD MILLION)

TABLE 110 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

11.2.4 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET, BY APPLICATION

TABLE 111 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 112 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 113 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 114 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

11.2.5 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET, BY COUNTRY

TABLE 115 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (TON)

TABLE 116 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (TON)

TABLE 117 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 118 ASIA PACIFIC: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

11.2.5.1 China

11.2.5.1.1 Growing polymer industry

TABLE 119 CHINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 120 CHINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY



APPLICATION, 2021–2027 (TON)

TABLE 121 CHINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 122 CHINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.2.5.2 South Korea

##### 11.2.5.2.1 Demand from food packaging industry

TABLE 123 SOUTH KOREA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 124 SOUTH KOREA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 125 SOUTH KOREA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 126 SOUTH KOREA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.2.5.3 Japan

##### 11.2.5.3.1 Developed electronics sector

TABLE 127 JAPAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 128 JAPAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 129 JAPAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 130 JAPAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.2.5.4 India

##### 11.2.5.4.1 Increasing polymer consumption

TABLE 131 INDIA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 132 INDIA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 133 INDIA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 134 INDIA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

### 11.3 EUROPE

FIGURE 39 EUROPE NUCLEATING AND CLARIFYING AGENTS MARKET SNAPSHOT

#### 11.3.1 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET, BY AGENT

## TYPE

TABLE 135 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (TON)

TABLE 136 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (TON)

TABLE 137 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (USD MILLION)

TABLE 138 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (USD MILLION)

### 11.3.2 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

TABLE 139 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (TON)

TABLE 140 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (TON)

TABLE 141 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (USD MILLION)

TABLE 142 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (USD MILLION)

### 11.3.3 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET, BY POLYMER

TABLE 143 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (TON)

TABLE 144 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (TON)

TABLE 145 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (USD MILLION)

TABLE 146 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

### 11.3.4 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET, BY APPLICATION

TABLE 147 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 148 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 149 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 150 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

### 11.3.5 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET, BY

## COUNTRY

TABLE 151 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (TON)

TABLE 152 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (TON)

TABLE 153 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 154 EUROPE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

### 11.3.5.1 Germany

#### 11.3.5.1.1 Automotive industry to boost demand

TABLE 155 GERMANY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 156 GERMANY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 157 GERMANY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 158 GERMANY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

### 11.3.5.2 Italy

#### 11.3.5.2.1 Demand for consumer products

TABLE 159 ITALY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 160 ITALY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 161 ITALY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 162 ITALY: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

### 11.3.5.3 France

#### 11.3.5.3.1 Increased consumption of packaged food

TABLE 163 FRANCE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 164 FRANCE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 165 FRANCE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 166 FRANCE: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.3.5.4 UK

##### 11.3.5.4.1 Growing packaging and consumer goods industries

TABLE 167 UK: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 168 UK: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 169 UK: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 170 UK: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.4 NORTH AMERICA

FIGURE 40 NORTH AMERICA NUCLEATING AND CLARIFYING AGENTS MARKET SNAPSHOT

11.4.1 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY AGENT TYPE

TABLE 171 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (TON)

TABLE 172 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (TON)

TABLE 173 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (USD MILLION)

TABLE 174 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (USD MILLION)

11.4.2 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

TABLE 175 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (TON)

TABLE 176 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (TON)

TABLE 177 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (USD MILLION)

TABLE 178 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (USD MILLION)

11.4.3 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY POLYMER

TABLE 179 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (TON)

TABLE 180 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (TON)

TABLE 181 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (USD MILLION)

TABLE 182 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

11.4.4 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY APPLICATION

TABLE 183 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 184 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 185 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 186 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

11.4.5 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY COUNTRY

TABLE 187 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (TON)

TABLE 188 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (TON)

TABLE 189 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 190 NORTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

11.4.5.1 US

11.4.5.1.1 Growing demand for polymers

TABLE 191 US: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 192 US: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 193 US: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 194 US: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

11.4.5.2 Mexico

11.4.5.2.1 Developing end-use applications

TABLE 195 MEXICO: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 196 MEXICO: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY

APPLICATION, 2021–2027 (TON)

TABLE 197 MEXICO: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 198 MEXICO: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.4.5.3 Canada

##### 11.4.5.3.1 High demand for consumer products

TABLE 199 CANADA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 200 CANADA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 201 CANADA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 202 CANADA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.5 MIDDLE EAST & AFRICA

11.5.1 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY AGENT TYPE

TABLE 203 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (TON)

TABLE 204 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (TON)

TABLE 205 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (USD MILLION)

TABLE 206 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (USD MILLION)

11.5.2 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

TABLE 207 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (TON)

TABLE 208 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (TON)

TABLE 209 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (USD MILLION)

TABLE 210 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (USD MILLION)

11.5.3 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY POLYMER

TABLE 211 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS



MARKET SIZE, BY POLYMER, 2017–2020 (TON)

TABLE 212 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY POLYMER, 2021–2027 (TON)

TABLE 213 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY POLYMER, 2017–2020 (USD MILLION)

TABLE 214 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

11.5.4 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET, BY APPLICATION

TABLE 215 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 216 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 217 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 218 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

11.5.5 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET, BY COUNTRY

TABLE 219 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY COUNTRY, 2017–2020 (TON)

TABLE 220 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY COUNTRY, 2021–2027 (TON)

TABLE 221 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 222 MIDDLE EAST & AFRICA: NUCLEATING AND CLARIFYING AGENTS  
MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

11.5.5.1 Iran

11.5.5.1.1 Government investments in non-oil sectors

TABLE 223 IRAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY  
APPLICATION, 2017–2020 (TON)

TABLE 224 IRAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY  
APPLICATION, 2021–2027 (TON)

TABLE 225 IRAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY  
APPLICATION, 2017–2020 (USD MILLION)

TABLE 226 IRAN: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY  
APPLICATION, 2021–2027 (USD MILLION)

11.5.5.2 South Africa

11.5.5.2.1 Growing economic activities



TABLE 227 SOUTH AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 228 SOUTH AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 229 SOUTH AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 230 SOUTH AFRICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

## 11.6 SOUTH AMERICA

11.6.1 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY AGENT TYPE

TABLE 231 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (TON)

TABLE 232 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (TON)

TABLE 233 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2017–2020 (USD MILLION)

TABLE 234 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY AGENT TYPE, 2021–2027 (USD MILLION)

11.6.2 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY FORM

TABLE 235 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (TON)

TABLE 236 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (TON)

TABLE 237 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2017–2020 (USD MILLION)

TABLE 238 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY FORM, 2021–2027 (USD MILLION)

11.6.3 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY POLYMER

TABLE 239 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (TON)

TABLE 240 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (TON)

TABLE 241 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2017–2020 (USD MILLION)

TABLE 242 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY POLYMER, 2021–2027 (USD MILLION)

#### 11.6.4 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY APPLICATION

TABLE 243 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 244 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 245 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 246 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

#### 11.6.5 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET, BY COUNTRY

TABLE 247 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (TON)

TABLE 248 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (TON)

TABLE 249 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 250 SOUTH AMERICA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

##### 11.6.5.1 Brazil

###### 11.6.5.1.1 Rising interest of major global players

TABLE 251 BRAZIL: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 252 BRAZIL: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 253 BRAZIL: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 254 BRAZIL: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

##### 11.6.5.2 Argentina

###### 11.6.5.2.1 Growing cosmetics and food industries

TABLE 255 ARGENTINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (TON)

TABLE 256 ARGENTINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2021–2027 (TON)

TABLE 257 ARGENTINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 258 ARGENTINA: NUCLEATING AND CLARIFYING AGENTS MARKET SIZE,

BY APPLICATION, 2021–2027 (USD MILLION)

## 12 COMPETITIVE LANDSCAPE

### 12.1 INTRODUCTION

### 12.2 STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 259 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS

### 12.3 MARKET SHARE ANALYSIS

#### 12.3.1 RANKING OF KEY MARKET PLAYERS, 2021

FIGURE 41 RANKING OF TOP THREE PLAYERS, 2021

#### 12.3.2 MARKET SHARE OF KEY PLAYERS

TABLE 260 NUCLEATING AND CLARIFYING AGENTS MARKET: DEGREE OF COMPETITION

FIGURE 42 MILLIKEN & COMPANY LED MARKET IN 2021

##### 12.3.2.1 Milliken & Company

##### 12.3.2.2 ADEKA Corporation

##### 12.3.2.3 Shandong Rainwell New Materials Technology Co., Ltd.

#### 12.3.3 REVENUE ANALYSIS OF TOP THREE PLAYERS

FIGURE 43 REVENUE ANALYSIS OF KEY COMPANIES DURING PAST FIVE YEARS

### 12.4 COMPANY PRODUCT FOOTPRINT ANALYSIS

FIGURE 44 NUCLEATING AND CLARIFYING AGENTS MARKET: COMPANY FOOTPRINT

TABLE 261 NUCLEATING AND CLARIFYING AGENTS MARKET: FORM FOOTPRINT

TABLE 262 NUCLEATING AND CLARIFYING AGENTS MARKET: APPLICATION FOOTPRINT

TABLE 263 NUCLEATING AND CLARIFYING AGENTS MARKET: COMPANY REGION FOOTPRINT

### 12.5 COMPANY EVALUATION QUADRANT (TIER 1)

#### 12.5.1 STARS

#### 12.5.2 EMERGING LEADERS

FIGURE 45 COMPANY EVALUATION QUADRANT FOR NUCLEATING AND CLARIFYING AGENTS MARKET (TIER 1)

### 12.6 COMPETITIVE BENCHMARKING

TABLE 264 NUCLEATING AND CLARIFYING AGENTS MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 265 NUCLEATING AND CLARIFYING AGENTS MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

### 12.7 STARTUP/SME EVALUATION QUADRANT

#### 12.7.1 RESPONSIVE COMPANIES

### 12.7.2 STARTING BLOCKS

FIGURE 46 STARTUP/SME EVALUATION QUADRANT FOR NUCLEATING AND CLARIFYING AGENTS MARKET

### 12.8 COMPETITIVE SCENARIOS AND TRENDS

#### 12.8.1 PRODUCT LAUNCHES

TABLE 266 NUCLEATING AND CLARIFYING AGENTS MARKET: NEW PRODUCT LAUNCHES (2019–2022)

#### 12.8.2 DEALS

TABLE 267 NUCLEATING AND CLARIFYING AGENTS MARKET: DEALS (2019–2022)

#### 12.8.3 OTHER DEVELOPMENTS

TABLE 268 NUCLEATING AND CLARIFYING AGENTS MARKET: OTHER DEVELOPMENTS (2019–2022)

## 13 COMPANY PROFILES

(Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))\*

### 13.1 MAJOR PLAYERS

#### 13.1.1 MILLIKEN & COMPANY

TABLE 269 MILLIKEN & COMPANY: COMPANY OVERVIEW

#### 13.1.2 CLARIANT AG

FIGURE 47 CLARIANT AG: COMPANY SNAPSHOT

TABLE 270 CLARIANT AG: COMPANY OVERVIEW

#### 13.1.3 ADEKA CORPORATION

FIGURE 48 ADEKA CORPORATION: COMPANY SNAPSHOT

TABLE 271 ADEKA CORPORATION: COMPANY OVERVIEW

#### 13.1.4 BASF SE

FIGURE 49 BASF SE: COMPANY SNAPSHOT

TABLE 272 BASF SE: COMPANY OVERVIEW

#### 13.1.5 AVIENT CORPORATION

FIGURE 50 AVIENT CORPORATION: COMPANY SNAPSHOT

TABLE 273 AVIENT CORPORATION: COMPANY OVERVIEW

#### 13.1.6 IMERYS S.A.

FIGURE 51 IMERYS S.A.: COMPANY SNAPSHOT

TABLE 274 IMERYS S.A.: COMPANY OVERVIEW

#### 13.1.7 NEW JAPAN CHEMICAL CO., LTD.

FIGURE 52 NEW JAPAN CHEMICAL CO., LTD.: COMPANY SNAPSHOT

TABLE 275 NEW JAPAN CHEMICAL CO., LTD.: COMPANY OVERVIEW

13.1.8 SHANDONG RAINWELL NEW MATERIALS TECHNOLOGY CO., LTD.

TABLE 276 SHANDONG RAINWELL NEW MATERIALS TECHNOLOGY CO., LTD.:  
COMPANY OVERVIEW

13.1.9 GCH TECHNOLOGY CO., LTD.

TABLE 277 GCH TECHNOLOGY CO., LTD.: COMPANY OVERVIEW

13.1.10 PLASTIBLENDS INDIA LIMITED

FIGURE 53 PLASTIBLENDS INDIA LIMITED: COMPANY SNAPSHOT

TABLE 278 PLASTIBLENDS INDIA LIMITED: COMPANY OVERVIEW

13.2 OTHER KEY PLAYERS

13.2.1 BR?GGEMANN CHEMICAL

TABLE 279 BR?GGEMANN CHEMICAL: COMPANY OVERVIEW

13.2.2 ALTANA AG

TABLE 280 ALTANA AG: COMPANY OVERVIEW

13.2.3 POLYVEL INC.

TABLE 281 POLYVEL INC.: COMPANY OVERVIEW

13.2.4 REEDY CHEMICAL FOAM

TABLE 282 REEDY CHEMICAL FOAM: COMPANY OVERVIEW

13.2.5 EUTEC CHEMICAL CO., LTD

TABLE 283 EUTEC CHEMICAL CO., LTD: COMPANY OVERVIEW

13.2.6 QINGDAO JADE NEW MATERIAL TECHNOLOGY CO., LTD.

TABLE 284 QINGDAO JADE NEW MATERIAL TECHNOLOGY CO., LTD.:  
COMPANY OVERVIEW

13.2.7 HPL ADDITIVES LIMITED

TABLE 285 HPL ADDITIVES LIMITED: COMPANY OVERVIEW

13.2.8 POLYCHEM ALLOY, INC.

TABLE 286 POLYCHEM ALLOY, INC.: COMPANY OVERVIEW

13.2.9 RICH YU CHEMICAL CO., LTD.

TABLE 287 RICH YU CHEMICAL CO., LTD.: COMPANY OVERVIEW

13.2.10 CERONAS GMBH & CO. KG

TABLE 288 CERONAS GMBH & CO. KG: COMPANY OVERVIEW

13.2.11 HALLSTAR INNOVATIONS CORP.

TABLE 289 HALLSTAR INNOVATIONS CORP.: COMPANY OVERVIEW

13.2.12 EVERSPRING CHEMICAL CO., LTD.

TABLE 290 EVERSPRING CHEMICAL CO., LTD.: COMPANY OVERVIEW

13.2.13 TEKNOR APEX

TABLE 291 TEKNOR APEX: COMPANY OVERVIEW

13.2.14 TECHMER PM, LLC

TABLE 292 TECHMER PM, LLC: COMPANY OVERVIEW

### 13.2.15 GRAFE ADVANCED POLYMERS GMBH

#### TABLE 293 GRAFE ADVANCED POLYMERS GMBH: COMPANY OVERVIEW

\*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

## 14 ADJACENT MARKETS

### 14.1 INTRODUCTION

### 14.2 LIMITATIONS

### 14.3 PLASTIC ADDITIVES MARKET

#### 14.3.1 MARKET DEFINITION

#### 14.3.2 MARKET OVERVIEW

### 14.4 PLASTIC ADDITIVES MARKET, BY REGION

#### TABLE 294 PLASTIC ADDITIVES MARKET SIZE, BY REGION, 2016–2019 (KILOTON)

#### TABLE 295 PLASTIC ADDITIVES MARKET SIZE, BY REGION, 2020–2026 (KILOTON)

#### TABLE 296 PLASTIC ADDITIVES MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

#### TABLE 297 PLASTIC ADDITIVES MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

#### 14.4.1 ASIA PACIFIC

##### 14.4.1.1 By country

#### TABLE 298 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY,

#### **2016–2019 (KILOTON)**

#### TABLE 299 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (KILOTON)

#### TABLE 300 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

#### TABLE 301 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

##### 14.4.1.2 By application

#### TABLE 302 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (KILOTON)

#### TABLE 303 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION,



2020–2026 (KILOTON)

TABLE 304 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 305 ASIA PACIFIC: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (USD MILLION)

#### 14.4.2 EUROPE

##### 14.4.2.1 By country

TABLE 306 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (KILOTON)

TABLE 307 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (KILOTON)

TABLE 308 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 309 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

TABLE 310 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (KILOTON)

##### 14.4.2.2 By application

TABLE 311 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (KILOTON)

TABLE 312 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 313 EUROPE: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (USD MILLION)

#### 14.4.3 NORTH AMERICA

##### 14.4.3.1 By country

TABLE 314 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (KILOTON)

TABLE 315 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (KILOTON)

TABLE 316 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 317 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

##### 14.4.3.2 By application

TABLE 318 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (KILOTON)

TABLE 319 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (KILOTON)



TABLE 320 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 321 NORTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (USD MILLION)

#### 14.4.4 MIDDLE EAST & AFRICA

##### 14.4.4.1 By country

TABLE 322 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (KILOTON)

TABLE 323 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (KILOTON)

TABLE 324 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 325 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

##### 14.4.4.2 By application

TABLE 326 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (KILOTON)

TABLE 327 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (KILOTON)

TABLE 328 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 329 MIDDLE EAST & AFRICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (USD MILLION)

#### 14.4.5 SOUTH AMERICA

##### 14.4.5.1 By country

TABLE 330 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY,

#### **2016–2019 (KILOTON)**

TABLE 331 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY,

#### **2020–2026 (KILOTON)**

TABLE 332 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY,

#### **2016–2019 (USD MILLION)**

TABLE 333 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY COUNTRY,

**2020–2026 (USD MILLION)**

## 14.4.5.2 By application

TABLE 334 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (KILOTON)

TABLE 335 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (KILOTON)

TABLE 336 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 337 SOUTH AMERICA: PLASTIC ADDITIVES MARKET SIZE, BY APPLICATION, 2020–2026 (USD MILLION)

**15 APPENDIX**

## 15.1 DISCUSSION GUIDE

## 15.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

## 15.3 CUSTOMIZATION OPTIONS

## 15.4 RELATED REPORTS

## 15.5 AUTHOR DETAILS

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