

# **Biocides Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Grade (Food Grade, Pharmaceutical Grade, Industrial Grade), By Type (Halogen Grades, Metallic Grades, Phenolic, Organic Acid), By End User (Food and Personal Care Products, Water Treatment, Cleaning & Disinfection Products, Paint & Coatings, Clothing & Textile, Others), By Company, By Region and By Competition**

<https://marketpublishers.com/r/B733EEAC54BCEN.html>

Date: December 2022

Pages: 115

Price: US\$ 4,500.00 (Single User License)

ID: B733EEAC54BCEN

## **Abstracts**

The global biocides market is anticipated to increase at an impressive rate through 2028. Biocides are substances or products that may be in powder or liquid form, utilized to safeguard the product against unwanted plants, microorganisms, and animals. Biocidal products are applied to shield people and animals from pests like insects or rodents and control viruses and preserve goods, bacteria, and fungi through a chemical or biological action to preserve goods, such as wood preservatives, disinfectants, and insect repellents. This in turn is expected to positively influence the market growth of biocides in the coming years.

Increasing water treatment and demand from healthcare industry are some of the primary factors driving the biocide market. Apart from this, growing demand for triacetin, undecylenic, resorcinol, and other food and personal care products for producing their final goods like toothpaste, mouthwashes, deodorants, shaving gels, among others is further expected to drive the growth of global biocides market.

### **Rising Demand for Biocides in Water Treatment**

Rising cases of waterborne diseases among the population has led to an increase in demand for treated water. Notably, many wastewater treatment facilities in coastal regions include a final sterilization stage with chlorine. Moreover, the toxic by-products effects on marine life and the removal of non-pathogenic bacterial indications of faecal pollution made this method be questioned more frequently. Viruses and protozoa with more excellent resistance persist; they could still spread outbreaks to anyone who swims or consumes seafood, thereby increasing the requirement for water treatment. The role of biocides as a potential water treatment option is expected to create lucrative opportunities for the market growth in the coming years.

### Increasing demand from various End User Industries

The antibacterial characteristics of biocides has increased their applications in various end user industries such as food & personal care products, water treatment, cleaning products, paint & painting, clothing & textile, furniture & furnishings, leather & suede, among others. In the clothing & textile sector, antibacterial substances like Triclosan, dichlorophen, Kathon893, Hexa-chlorophenol, triclocarban, and Kathon CG are applied to apparel products to prevent unpleasant odours caused by sweat breakdown. Same as in food & personal care products, Triclosan is used to produce different products such as toothpaste and deodorant as a disinfectant. Apart from these, biocides are used in feed preservation to provide them protection against the corrosion caused by microorganisms.

### Recent Developments

The global biocides market is witnessing a lot of developments in the form of mergers & acquisitions, collaborations & partnership, new product launches, exploring new application areas, among others. This in turn is expected to create new opportunities for the growth of global biocides market in the coming years. Some of the recent developments include:

In July 2022, LANXESS AG acquired the microbial control business unit of US based company, International Flavors & Fragrances Inc. This acquisition will help LANXESS in strengthening their biocidal active substances portfolio.

In January 2022, Veolia Group acquired Suez and helped Veolia Group in increasing its market positioning in the biocides market.

## Market Segmentation

Global Biocides market is segmented based on grade, type, and end user. Based on grade, the market is categorized into food grade, pharmaceutical grade, and industrial grade. Based on type, the market is fragmented into halogen grades, metallic grades, phenolic, and organic acid. Based on end user, the market is segmented into food and personal care products, water treatment, cleaning & disinfection products, paints & coatings, clothing & textile, and others.

## Market Players

Clariant AG, Lonza Group AG, ICL Group LTD, BASF SE, Dow Chemical Company, Troy Corporation, Ecolab USA Inc., Albemarle Corporation, Solvay SA, Lanxess AG are some of the major players operating in global biocides market.

## Report Scope:

In this report, global biocides market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### Global Biocides Market, By Grade:

Food Grade

Pharmaceutical Grade

Industrial Grade

### Global Biocides Market, By Type:

Halogen Grades

Metallic Grades

Phenolic

Organic Acid

### Global Biocides Market, By End User:

Food and Personal Care Products

Water Treatment

Cleaning & Disinfection Products

Paints & Coatings

Clothing & Textile

Others

Global Biocides Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia Pacific

China

India

Japan

South Korea

Australia

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global biocides market.

## Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).



## Contents

### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

### 4. VOICE OF CUSTOMER

### 5. GLOBAL BIOCIDES MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value & Volume
- 5.2. Market Share & Forecast
  - 5.2.1. By Grade (Food Grade, Pharmaceutical Grade, Industrial Grade)
  - 5.2.2. By Type (Halogen Grades, Metallic Grades, Phenolic, Organic Acid)
  - 5.2.3. By End User (Food and Personal Care Product, Water Treatment, Cleaning & Disinfection Products, Paint & Coatings, Clothing & Textile, Others)

5.2.4. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)

5.2.5. By Company (2022)

5.3. Market Map

5.3.1. By Grade

5.3.2. By Type

5.3.3. By End User

5.3.4. By Region

## **6. NORTH AMERICA BIOCIDES MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value & Volume

6.2. Market Share & Forecast

6.2.1. By Grade

6.2.2. By Type

6.2.3. By End User

6.2.4. By Country

6.3. Pricing Analysis

6.4. North America: Country Analysis

6.4.1. United States Biocides Market Outlook

6.4.1.1. Market Size & Forecast

6.4.1.1.1. By Value & Volume

6.4.1.2. Market Share & Forecast

6.4.1.2.1. By Grade

6.4.1.2.2. By Type

6.4.1.2.3. By End User

6.4.2. Mexico Biocides Market Outlook

6.4.2.1. Market Size & Forecast

6.4.2.1.1. By Value & Volume

6.4.2.2. Market Share & Forecast

6.4.2.2.1. By Grade

6.4.2.2.2. By Type

6.4.2.2.3. By End User

6.4.3. Canada Biocides Market Outlook

6.4.3.1. Market Size & Forecast

6.4.3.1.1. By Value & Volume

6.4.3.2. Market Share & Forecast

6.4.3.2.1. By Grade



6.4.3.2.2. By Type

6.4.3.2.3. By End User

## **7. EUROPE BIOCIDES MARKET OUTLOOK**

### **7.1. Market Size & Forecast**

7.1.1. By Value & Volume

### **7.2. Market Share & Forecast**

7.2.1. By Grade

7.2.2. By Type

7.2.3. By End User

7.2.4. By Country

### **7.3. Pricing Analysis**

### **7.4. Europe: Country Analysis**

#### **7.4.1. Germany Biocides Market Outlook**

7.4.1.1. Market Size & Forecast

7.4.1.1.1. By Value & Volume

7.4.1.2. Market Share & Forecast

7.4.1.2.1. By Grade

7.4.1.2.2. By Type

7.4.1.2.3. By End User

#### **7.4.2. Spain Biocides Market Outlook**

7.4.2.1. Market Size & Forecast

7.4.2.1.1. By Value & Volume

7.4.2.2. Market Share & Forecast

7.4.2.2.1. By Grade

7.4.2.2.2. By Type

7.4.2.2.3. By End User

#### **7.4.3. United Kingdom Biocides Market Outlook**

7.4.3.1. Market Size & Forecast

7.4.3.1.1. By Value & Volume

7.4.3.2. Market Share & Forecast

7.4.3.2.1. By Grade

7.4.3.2.2. By Type

7.4.3.2.3. By End User

#### **7.4.4. France Biocides Market Outlook**

7.4.4.1. Market Size & Forecast

7.4.4.1.1. By Value & Volume

7.4.4.2. Market Share & Forecast

- 7.4.4.2.1. By Grade
- 7.4.4.2.2. By Type
- 7.4.4.2.3. By End User
- 7.4.5. Italy Biocides Market Outlook
  - 7.4.5.1. Market Size & Forecast
    - 7.4.5.1.1. By Value & Volume
  - 7.4.5.2. Market Share & Forecast
    - 7.4.5.2.1. By Grade
    - 7.4.5.2.2. By Type
    - 7.4.5.2.3. By End User

## **8. ASIA-PACIFIC BIOCIDES MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
  - 8.2.1. By Grade
  - 8.2.2. By Type
  - 8.2.3. By End User
  - 8.2.4. By Country
- 8.3. Pricing Analysis
- 8.4. Asia-Pacific: Country Analysis
  - 8.4.1. China Biocides Market Outlook
    - 8.4.1.1. Market Size & Forecast
      - 8.4.1.1.1. By Value & Volume
    - 8.4.1.2. Market Share & Forecast
      - 8.4.1.2.1. By Grade
      - 8.4.1.2.2. By Type
      - 8.4.1.2.3. By End User
  - 8.4.2. India Biocides Market Outlook
    - 8.4.2.1. Market Size & Forecast
      - 8.4.2.1.1. By Value & Volume
    - 8.4.2.2. Market Share & Forecast
      - 8.4.2.2.1. By Grade
      - 8.4.2.2.2. By Type
      - 8.4.2.2.3. By End User
  - 8.4.3. Japan Biocides Market Outlook
    - 8.4.3.1. Market Size & Forecast
      - 8.4.3.1.1. By Value & Volume

- 8.4.3.2. Market Share & Forecast
  - 8.4.3.2.1. By Grade
  - 8.4.3.2.2. By Type
  - 8.4.3.2.3. By End User
- 8.4.4. South Korea Biocides Market Outlook
  - 8.4.4.1. Market Size & Forecast
    - 8.4.4.1.1. By Value & Volume
  - 8.4.4.2. Market Share & Forecast
    - 8.4.4.2.1. By Grade
    - 8.4.4.2.2. By Type
    - 8.4.4.2.3. By End User
- 8.4.5. Australia Biocides Market Outlook
  - 8.4.5.1. Market Size & Forecast
    - 8.4.5.1.1. By Value & Volume
  - 8.4.5.2. Market Share & Forecast
    - 8.4.5.2.1. By Grade
    - 8.4.5.2.2. By Type
    - 8.4.5.2.3. By End User

## **9. SOUTH AMERICA BIOCIDES MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
  - 9.2.1. By Grade
  - 9.2.2. By Type
  - 9.2.3. By End User
  - 9.2.4. By Country
- 9.3. Pricing Analysis
- 9.4. South America: Country Analysis
  - 9.4.1. Brazil Biocides Market Outlook
    - 9.4.1.1. Market Size & Forecast
      - 9.4.1.1.1. By Value & Volume
    - 9.4.1.2. Market Share & Forecast
      - 9.4.1.2.1. By Grade
      - 9.4.1.2.2. By Type
      - 9.4.1.2.3. By End User
  - 9.4.2. Colombia Biocides Market Outlook
    - 9.4.2.1. Market Size & Forecast

- 9.4.2.1.1. By Value & Volume
- 9.4.2.2. Market Share & Forecast
  - 9.4.2.2.1. By Grade
  - 9.4.2.2.2. By Type
  - 9.4.2.2.3. By End User
- 9.4.3. Argentina Biocides Market Outlook
  - 9.4.3.1. Market Size & Forecast
    - 9.4.3.1.1. By Value & Volume
  - 9.4.3.2. Market Share & Forecast
    - 9.4.3.2.1. By Grade
    - 9.4.3.2.2. By Type
    - 9.4.3.2.3. By End User

## **10. MIDDLE EAST AND AFRICA BIOCIDES MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
  - 10.2.1. By Grade
  - 10.2.2. By Type
  - 10.2.3. By End User
  - 10.2.4. By Country
- 10.3. Pricing Analysis
- 10.4. MEA: Country Analysis
  - 10.4.1. South Africa Biocides Market Outlook
    - 10.4.1.1. Market Size & Forecast
      - 10.4.1.1.1. By Value & Volume
    - 10.4.1.2. Market Share & Forecast
      - 10.4.1.2.1. By Grade
      - 10.4.1.2.2. By Type
      - 10.4.1.2.3. By End User
  - 10.4.2. Saudi Arabia Biocides Market Outlook
    - 10.4.2.1. Market Size & Forecast
      - 10.4.2.1.1. By Value & Volume
    - 10.4.2.2. Market Share & Forecast
      - 10.4.2.2.1. By Grade
      - 10.4.2.2.2. By Type
      - 10.4.2.2.3. By End User
  - 10.4.3. UAE Biocides Market Outlook

- 10.4.3.1. Market Size & Forecast
  - 10.4.3.1.1. By Value & Volume
- 10.4.3.2. Market Share & Forecast
  - 10.4.3.2.1. By Grade
  - 10.4.3.2.2. By Type
  - 10.4.3.2.3. By End User

## **11. MARKET DYNAMICS**

- 11.1. Drivers
  - 11.1.1. Rising Demand for Biocides in Water Treatment
  - 11.1.2. Rising demand for Biocides from various End User Industries
  - 11.1.3. Increasing Demand for Green Biocides
- 11.2. Challenges
  - 11.2.1. Lengthy and Expensive Registration Process
  - 11.2.2. Fluctuating Prices of Raw Materials

## **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Technological Advancements
- 12.2. Mergers & Acquisitions
- 12.3. Product Launches

## **13. GLOBAL BIOCIDES MARKET: SWOT ANALYSIS**

## **14. PORTER'S FIVE FORCES ANALYSIS**

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Product

## **15. COMPETITIVE LANDSCAPE**

- 15.1. Business Overview
- 15.2. Product Offerings
- 15.3. Recent Developments
- 15.4. Financials (In Case of Listed Companies)

15.5. Key Personnel

15.6. SWOT Analysis

15.6.1. Clariant AG

15.6.2. Lonza Group AG

15.6.3. ICL Group LTD

15.6.4. BASF SE

15.6.5. Dow Chemical Company

15.6.6. Troy Corporation

15.6.7. Ecolab USA Inc.

15.6.8. Albemarle Corporation

15.6.9. Solvay SA

15.6.10. Lanxess AG

## **16. STRATEGIC RECOMMENDATIONS**

## I would like to order

Product name: Biocides Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Grade (Food Grade, Pharmaceutical Grade, Industrial Grade), By Type (Halogen Grades, Metallic Grades, Phenolic, Organic Acid), By End User (Food and Personal Care Products, Water Treatment, Cleaning & Disinfection Products, Paint & Coatings, Clothing & Textile, Others), By Company, By Region and By Competition

Product link: <https://marketpublishers.com/r/B733EEAC54BCEN.html>

Price: US\$ 4,500.00 (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/B733EEAC54BCEN.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