

# **Bio Decontamination Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Equipment, Services, Consumables), By Type (Chamber Decontamination, Room Decontamination), By Agent Type (Hydrogen Peroxide, Chlorine Dioxide, Peracetic Acid, Nitrogen Dioxide), By End User (Hospitals & Clinics, Ambulatory Centers, Bio-pharma Companies, Others), By Region, Forecast & Opportunities, 2028**

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## **Abstracts**

Global bio decontamination market is expected to observe impressive growth rate during the forecast period 2024-2028. The factors which are bolstering the growth of the market are rising prevalence of infectious as well as chronic diseases, growing elderly population, and the development in the pharmaceutical and biotechnology sectors. The rise in number of surgical procedures across the globe is also leading to increasing requirement for decontamination of surgical instruments. This factor is further creating profitable opportunities for bio decontamination market. Moreover, outsourcing bio decontamination services, coupled with extensive technological advancement are expected to impel the growth of the market.

Additionally, growing development in pharmaceutical and biotechnology industries is fostering the growth of global bio decontamination market. The increasing availability of sophisticated biocontamination devices which require minimum manual intervention and are efficient are further anticipated to fuel the market growth through 2028.

Global bio decontamination market is segmented based on product, type, agent type,

end user and region. Based on end user, the market can be segmented into hospitals & clinics, ambulatory centers, bio-pharma companies, and others. Among these, the hospitals & clinics segment is expected to contribute high revenue during the forecast period owing to increasing usage of bio decontamination products to avoid HAIs and maintaining clean and disease-free environment.

Regionally, North America is expected to dominate the global bio decontamination market in terms of revenue during the forecast period, which can be attributed to strict laws pertaining to medical safety in countries such as United States and Canada. In addition, Asia-Pacific is expected to witness steady growth through 2028. This is attributed to increasing government initiatives in countries such as India, China, among others for improving healthcare infrastructure.

Market players operating in global bio decontamination market include Ecolab, Inc., ClorDiSys Solutions, Inc., JCE Biotechnology, Howorth Air Technology Limited, PMT (USA) LLC, Zhejiang Tailin Bioengineering Co., Ltd., Fedegari Autoclavi SpA, TOMI Environmental Solutions Inc., Amira Srl, and STERIS Life Science PLC. The companies are focusing on launching new products to enhance their product portfolios. Other growth strategies include mergers & acquisitions and partnerships.

#### Objective of the Study:

To analyse and forecast the market size of global bio decontamination market.

To forecast global bio decontamination market based on product, type, agent type, end user, company and regional distribution.

To identify drivers and challenges for global bio decontamination market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions etc. in global bio decontamination market.

To identify and analyse the profile of leading players operating in the global bio decontamination market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of bio decontamination companies across the globe. Subsequently, TechSci Research conducted primary

research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the companies which could not be identified due to the limitations of secondary research.

TechSci Research calculated global bio decontamination market size using a bottom-up approach, where data for various end user industries and its application across various product types were recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analysing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also used by TechSci Research.

#### Key Target Audience:

Bio decontamination service providers, companies/partners and other stakeholders

Government bodies such as regulating authorities and policy makers

Organizations, industry associations, forums and alliances related to bio decontamination

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as bio decontamination service providers, end users etc., besides allowing them in strategizing investments and capitalizing on market opportunities.

#### Report Scope:

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

Global Bio Decontamination Market, By Product:

Equipment

Services

Consumables

Global Bio Decontamination Market, By Type:

Chamber Decontamination

Room Decontamination

Global Bio Decontamination Market, By Agent Type:

Hydrogen Peroxide

Chlorine Dioxide

Peracetic Acid

Nitrogen Dioxide

Global Bio Decontamination Market, By End User:

Hospitals

Bio-pharma Companies

Others

Global Bio Decontamination Market, By Region:

North America

United States

Canada

Mexico

## Asia-Pacific

China

India

Japan

Australia

South Korea

## Europe & CIS

Germany

France

United Kingdom

Spain

Italy

## 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 bio decontamination 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).

### Profit Margin Analysis

Profit margin analysis in case of direct and indirect sales channel.

## 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 BIO DECONTAMINATION MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Product (Equipment, Services, Consumables)
  - 5.2.2. By Type (Chamber Decontamination, Room Decontamination)
  - 5.2.3. By Agent Type (Hydrogen Peroxide, Chlorine Dioxide, Peracetic Acid, Nitrogen Dioxide)

5.2.4. By End User (Hospitals & Clinics, Ambulatory Centers, Bio-pharma Companies, Others)

5.2.5. By Company (2022)

5.2.6. By Region

5.3. Product Market Map

## **6. ASIA-PACIFIC BIO DECONTAMINATION MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Product

6.2.2. By Type

6.2.3. By Agent Type

6.2.4. By End User

6.2.5. By Country

6.3. Asia-Pacific: Country Analysis

6.3.1. China Bio Decontamination Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Product

6.3.1.2.2. By Type

6.3.1.2.3. By Agent Type

6.3.1.2.4. By End User

6.3.2. India Bio Decontamination Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Product

6.3.2.2.2. By Type

6.3.2.2.3. By Agent Type

6.3.2.2.4. By End User

6.3.3. Japan Bio Decontamination Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Product

6.3.3.2.2. By Type



- 6.3.3.2.3. By Agent Type
- 6.3.3.2.4. By End User
- 6.3.4. South Korea Bio Decontamination Market Outlook
  - 6.3.4.1. Market Size & Forecast
    - 6.3.4.1.1. By Value
  - 6.3.4.2. Market Share & Forecast
    - 6.3.4.2.1. By Product
    - 6.3.4.2.2. By Type
    - 6.3.4.2.3. By Agent Type
    - 6.3.4.2.4. By End User
- 6.3.5. Australia Bio Decontamination Market Outlook
  - 6.3.5.1. Market Size & Forecast
    - 6.3.5.1.1. By Value
  - 6.3.5.2. Market Share & Forecast
    - 6.3.5.2.1. By Product
    - 6.3.5.2.2. By Type
    - 6.3.5.2.3. By Agent Type
    - 6.3.5.2.4. By End User

## **7. EUROPE BIO DECONTAMINATION MARKET OUTLOOK**

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Product
  - 7.2.2. By Type
  - 7.2.3. By Agent Type
  - 7.2.4. By End User
  - 7.2.5. By Country
- 7.3. Europe: Country Analysis
  - 7.3.1. France Bio Decontamination Market Outlook
    - 7.3.1.1. Market Size & Forecast
      - 7.3.1.1.1. By Value
    - 7.3.1.2. Market Share & Forecast
      - 7.3.1.2.1. By Product
      - 7.3.1.2.2. By Type
      - 7.3.1.2.3. By Agent Type
      - 7.3.1.2.4. By End User
  - 7.3.2. Germany Bio Decontamination Market Outlook

- 7.3.2.1. Market Size & Forecast
  - 7.3.2.1.1. By Value
- 7.3.2.2. Market Share & Forecast
  - 7.3.2.2.1. By Product
  - 7.3.2.2.2. By Type
  - 7.3.2.2.3. By Agent Type
  - 7.3.2.2.4. By End User
- 7.3.3. United Kingdom Bio Decontamination Market Outlook
  - 7.3.3.1. Market Size & Forecast
    - 7.3.3.1.1. By Value
  - 7.3.3.2. Market Share & Forecast
    - 7.3.3.2.1. By Product
    - 7.3.3.2.2. By Type
    - 7.3.3.2.3. By Agent Type
    - 7.3.3.2.4. By End User
- 7.3.4. Italy Bio Decontamination Market Outlook
  - 7.3.4.1. Market Size & Forecast
    - 7.3.4.1.1. By Value
  - 7.3.4.2. Market Share & Forecast
    - 7.3.4.2.1. By Product
    - 7.3.4.2.2. By Type
    - 7.3.4.2.3. By Agent Type
    - 7.3.4.2.4. By End User
- 7.3.5. Spain Bio Decontamination Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Product
    - 7.3.5.2.2. By Type
    - 7.3.5.2.3. By Agent Type
    - 7.3.5.2.4. By End User

## **8. NORTH AMERICA BIO DECONTAMINATION MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Product
  - 8.2.2. By Type

8.2.3. By Agent Type

8.2.4. By End User

8.2.5. By Country

### 8.3. North America: Country Analysis

#### 8.3.1. United States Bio Decontamination Market Outlook

##### 8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

##### 8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Product

8.3.1.2.2. By Type

8.3.1.2.3. By Agent Type

8.3.1.2.4. By End User

#### 8.3.2. Mexico Bio Decontamination Market Outlook

##### 8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

##### 8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Product

8.3.2.2.2. By Type

8.3.2.2.3. By Agent Type

8.3.2.2.4. By End User

#### 8.3.3. Canada Bio Decontamination Market Outlook

##### 8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

##### 8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Product

8.3.3.2.2. By Type

8.3.3.2.3. By Agent Type

8.3.3.2.4. By End User

## 9. SOUTH AMERICA BIO DECONTAMINATION MARKET OUTLOOK

### 9.1. Market Size & Forecast

9.1.1. By Value

### 9.2. Market Share & Forecast

9.2.1. By Product

9.2.2. By Type

9.2.3. By Agent Type

9.2.4. By End User

9.2.5. By Country

- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Bio Decontamination Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Product
      - 9.3.1.2.2. By Type
      - 9.3.1.2.3. By Agent Type
      - 9.3.1.2.4. By End User
  - 9.3.2. Argentina Bio Decontamination Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Product
      - 9.3.2.2.2. By Type
      - 9.3.2.2.3. By Agent Type
      - 9.3.2.2.4. By End User
  - 9.3.3. Colombia Bio Decontamination Market Outlook
    - 9.3.3.1. Market Size & Forecast
      - 9.3.3.1.1. By Value
    - 9.3.3.2. Market Share & Forecast
      - 9.3.3.2.1. By Product
      - 9.3.3.2.2. By Type
      - 9.3.3.2.3. By Agent Type
      - 9.3.3.2.4. By End User

## **10. MIDDLE EAST AND AFRICA BIO DECONTAMINATION MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Product
  - 10.2.2. By Type
  - 10.2.3. By Agent Type
  - 10.2.4. By End User
  - 10.2.5. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Bio Decontamination Market Outlook
    - 10.3.1.1. Market Size & Forecast

- 10.3.1.1.1. By Value
- 10.3.1.2. Market Share & Forecast
  - 10.3.1.2.1. By Product
  - 10.3.1.2.2. By Type
  - 10.3.1.2.3. By Agent Type
  - 10.3.1.2.4. By End User
- 10.3.2. Saudi Arabia Bio Decontamination Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Product
    - 10.3.2.2.2. By Type
    - 10.3.2.2.3. By Agent Type
    - 10.3.2.2.4. By End User
- 10.3.3. UAE Bio Decontamination Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Product
    - 10.3.3.2.2. By Type
    - 10.3.3.2.3. By Agent Type
    - 10.3.3.2.4. By End User

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

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

## **13. COMPETITIVE LANDSCAPE**

- 13.1. Competition Outlook
- 13.2. Players Profiled (Leading Companies)
  - 13.2.1. Ecolab, Inc.
  - 13.2.2. ClorDiSys Solutions, Inc.
  - 13.2.3. JCE Biotechnology
  - 13.2.4. Howorth Air Technology Limited
  - 13.2.5. PMT (USA) LLC

13.2.6. Zhejiang Tailin Bioengineering Co., Ltd.

13.2.7. Fedegari Autoclavi SpA

13.2.8. TOMI Environmental Solutions Inc.

13.2.9. Amira Srl

13.2.10. STERIS Life Science PLC

## **15. STRATEGIC RECOMMENDATIONS**

## I would like to order

Product name: Bio Decontamination Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Equipment, Services, Consumables), By Type (Chamber Decontamination, Room Decontamination), By Agent Type (Hydrogen Peroxide, Chlorine Dioxide, Peracetic Acid, Nitrogen Dioxide), By End User (Hospitals & Clinics, Ambulatory Centers, Bio-pharma Companies, Others), By Region, Forecast & Opportunities, 2028

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