

# Biocides Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/B341979E7AD1EN.html>

Date: November 2023

Pages: 141

Price: US\$ 2,499.00 (Single User License)

ID: B341979E7AD1EN

## Abstracts

The global biocides market size reached US\$ 8.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 11.5 Billion by 2028, exhibiting a growth rate (CAGR) of 5.0% during 2022-2028.

Biocides refer to anti-microbial chemicals used for preventing and controlling the growth of mold, bacteria and viruses. They are also used as antiseptics to treat infections in mucous membranes and damaged skin and as preservatives in soaps, face washes, cleansers and conditioners. Some of the commonly used biocides include sterilizers, wood preservatives, rodenticides, anti-fouling agents and in-can preservatives. They are manufactured using metallic compounds, halogens, organosulfur compounds and phenols. As a result, they find extensive applications across various industries, such as wastewater treatment, food and beverages, personal care, wood preservation, paints and coatings and construction.

**Biocides Market Trends:**

The global biocides market is primarily being driven by the rising requirement for effective wastewater treatment solutions, along with the increasing demand for clean and potable water. Biocides aid in preventing bacterial and algae contamination in the municipal drinking water systems, pipes in pools and industrial water treatment systems. Furthermore, the widespread adoption of biocides in the manufacturing of cleaning agents is also driving the market growth. They are highly effective against grease, oil, microbes and pathogens and aid in maintaining hygiene in enclosed spaces. In line with this, the utilization of biocides with water-based paints and coatings to prevent fungal or microbial development on painted surfaces, is also contributing to the market growth. Additionally, various product innovations, such as the development of environment-friendly halogen biocides, are acting as other growth-inducing factors. These variants do not react with impurities in the medium and produce hazardous residues and substances. Other factors, including rapid industrialization, along with

extensive research and development (R&D) activities, are anticipated to drive the market further.

**Key Market Segmentation:**

IMARC Group provides an analysis of the key trends in each sub-segment of the global biocides market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product and application.

**Breakup by Product:**

- Halogen Compounds
- Metallic Compounds
- Organosulfur Compounds
- Organic Acids
- Phenolics
- Others

**Breakup by Application:**

- Water Treatment
- Food and Beverage
- Personal Care
- Wood Preservation
- Paints and Coatings
- Construction
- Others

**Breakup by Region:**

- North America
  - United States
  - Canada
- Asia-Pacific
  - China
  - Japan
  - India
  - South Korea
  - Australia
  - Indonesia
  - Others
- Europe
  - Germany
  - France
  - United Kingdom
  - Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Akzo Nobel N.V., Albemarle Corporation, BASF SE, ChemTreat Inc. (Danaher Corporation), Clariant AG, Dow Inc., Finoric LLC, Lanxess AG, Shanghai Zhongxin Yuxiang Chemicals Co. Ltd., Solvay S.A., The Lubrizol Corporation (Berkshire Hathaway Inc.), Troy Corporation and Wuxi Honor Shine Chemical Co. Ltd.

Key Questions Answered in This Report:

How has the global biocides market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global biocides market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global biocides market and who are the key players?

What is the degree of competition in the industry?

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