

# Biocides Market Competition Outlook and Player Positioning

*The water treatment segment emerged as the leading contributor in 2023, accounting for nearly one-fifth of global market revenue.*

DAVID CORREA, DE, UNITED STATES, May 25, 2026 /EINPresswire.com/ --

The growing emphasis on clean water accessibility and wastewater management, coupled with increasingly stringent hygiene and sanitation regulations, is significantly accelerating demand for biocides

across diverse industries. Rising concerns regarding water scarcity, environmental pollution, and microbial contamination have strengthened the need for advanced water treatment solutions, where biocides play a vital role in eliminating harmful microorganisms and preventing biofilm formation. Furthermore, regulatory bodies worldwide continue to impose strict sanitation standards across healthcare, food and beverage, manufacturing, and other industries, driving the adoption of effective antimicrobial technologies to ensure public safety and operational efficiency.

According to a report published by Allied Market Research, titled "[Biocides Market](#) by Type (Oxidizing Biocides, Non-Oxidizing Biocides), by End-Use Industry (Personal Care, Food and Beverage, Home Care, Construction, Agriculture, Healthcare, Water Treatment, Paints and Coatings, Others): Global Opportunity Analysis and Industry Forecast, 2024-2033," the global biocides market was valued at \$8.6 billion in 2023 and is projected to reach \$13.1 billion by 2033, registering a CAGR of 4.4% from 2024 to 2033.

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<https://www.alliedmarketresearch.com/request-sample/1870>

Key Market Growth Drivers:

The market continues to expand due to growing investments in water treatment infrastructure



and stricter regulatory frameworks focused on sanitation and contamination control. Increasing industrialization and heightened awareness regarding hygiene standards are also contributing to rising product demand.

However, market expansion faces challenges, particularly due to high development costs and complex regulatory approval procedures associated with biocide registration.

On the other hand, the emergence of environmentally sustainable and eco-friendly biocide solutions is expected to create substantial growth opportunities. Manufacturers are increasingly focusing on biodegradable, renewable, and low-toxicity alternatives to conventional chemical formulations. Plant-derived antimicrobial compounds, bio-based ingredients, and next-generation technologies designed to improve efficiency while minimizing environmental impact are gaining traction across industries.

**Non-Oxidizing Biocides Segment to Retain Market Leadership:**

- Based on type, the non-oxidizing biocides segment accounted for the largest share in 2023, contributing nearly three-fifths of global market revenue, and is projected to maintain its dominance through 2033.

- Their growing adoption can be attributed to their effectiveness in environments with elevated organic loads, where microbial contamination becomes difficult to control. Non-oxidizing biocides remain highly efficient in challenging operating conditions, including systems affected by slime accumulation and biofilm formation. Ongoing formulation advancements aimed at enhancing performance while reducing toxicity continue to strengthen market demand.

**Water Treatment Segment to Drive Future Demand:**

- By end-use industry, the water treatment segment emerged as the leading contributor in 2023, accounting for nearly one-fifth of global market revenue, and is expected to maintain its dominant position during the forecast period.

- Increasing requirements for clean drinking water, industrial wastewater processing, and effluent management are fueling segment growth. Moreover, rising concerns regarding waterborne diseases and public sanitation are further reinforcing demand for water treatment biocides globally.

**Asia-Pacific to Witness Fastest Growth:**

- Regionally, Asia-Pacific is projected to register the highest growth rate, expanding at a CAGR of 4.8% during the forecast period.

- Rapid urbanization, industrial expansion, and population growth across developing economies

are intensifying pressure on water resources, driving investments in advanced treatment infrastructure. Governments and industries throughout the region are increasingly adopting biocide technologies to improve water quality, optimize treatment efficiency, and address growing environmental challenges.

Leading Market Players:-

Key companies operating in the global biocides market include:

- BASF SE
- Clariant
- Solvay S.A.
- Ecolab
- LANXESS
- THOR Group Limited
- Stepan Company
- Kemira
- Arkema S.A.
- Evonik Industries AG

These industry participants are pursuing strategies such as product innovation, partnerships, expansions, agreements, and joint ventures to strengthen their competitive positioning and expand regional presence. The report provides detailed insights into company performance, strategic initiatives, operating segments, and product portfolios shaping the competitive landscape of the global biocides market.

For more information, visit our website at: <https://www.alliedmarketresearch.com/biocides-market/purchase-options>

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