

# **Global Antimicrobial Additives Market Size Study, by Product Type (Inorganic Antimicrobial Additives, Organic Antimicrobial Additives), by Application (Plastic, Paints & Coatings, Pulp & Paper, Others), by End Use (Construction, Automotive, Healthcare, Food & Beverage, Others), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G8F157254E86EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G8F157254E86EN

## **Abstracts**

The Global Antimicrobial Additives Market was valued at approximately USD 4.92 billion in 2023 and is expected to grow with a healthy growth rate of more than 7.04% over the forecast period 2024-2032. Antimicrobial additives are essential components integrated during the manufacturing of various products to inhibit the growth of microorganisms, including bacteria, mold, fungi, algae, and viruses. These additives are crucial for maintaining hygiene and safety across multiple sectors such as healthcare, construction, automotive, food & beverage, and others. Furthermore, the increasing awareness of hygiene and the need to control infections in healthcare settings are driving the demand for antimicrobial additives in medical devices, surgical instruments, and healthcare environments.

The growing need for effective solutions to combat drug-resistant bacteria is driving demand in the antimicrobial additives market. The alarming rise of antibiotic-resistant infections poses a significant public health threat, prompting industries to seek innovative ways to prevent microbial growth. Antimicrobial additives are increasingly integrated into products across healthcare, packaging, and consumer goods sectors to enhance hygiene and safety. These additives offer a proactive approach to reducing bacterial contamination, thereby mitigating the spread of resistant strains. Furthermore, stringent regulations and heightened awareness about infection control amplify the

demand for antimicrobial solutions. Consequently, the market for antimicrobial additives is expanding rapidly, as they become essential in the fight against drug-resistant bacteria. However, the emission of volatile organic compounds (VOCs) during the production of these additives poses significant health risks, thereby hampering market growth. Conversely, the development of sustainable, non-hazardous antimicrobial additives presents lucrative opportunities for market expansion.

The key region in the Global Antimicrobial Additives Market includes North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. In 2023, Asia-Pacific region dominates the market in terms of revenue driven by the widespread use of antimicrobial additives in healthcare and plastic industries. Rapid industrialization, urbanization, and population growth in countries like China, India, and Japan drive demand for antimicrobial products across various industries, including healthcare, packaging, and construction. The region's expanding middle class and increasing awareness of health and hygiene further boost the consumption of antimicrobial additives in consumer goods and medical applications. Additionally, supportive government regulations and initiatives aimed at improving public health and sanitation contribute to market growth. The region is projected to maintain its dominance, exhibiting the highest CAGR during the forecast period due to the increasing prevalence of nosocomial infections and the burgeoning demand for antimicrobial products in China and other Asian countries.

Key players profiled in this report include

BASF SE

BioCote Limited

Clariant AG

King Plastic Corporation

Microban International Limited

Milliken Chemical

Sanitized AG

Lyondell Basell

PolyOne Corporation

DOW Inc.

The detailed segments and sub-segment of the market are explained below:

By Product Type

Inorganic Antimicrobial Additives

Organic Antimicrobial Additives

By Application

Plastic

Paints & Coatings

Pulp & Paper

Others

By End Use

Construction

Automotive

Healthcare

Food & Beverage

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

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