

Global Antifoaming Agent Market Size Study & Forecast, by Application, Type, End Use Industry, and Regional Forecasts 2025-2035

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Abstracts

The Global Antifoaming Agent Market was valued at approximately USD 6.87 billion in 2024 and is projected to expand at a CAGR of over 3.10% throughout the forecast period from 2025 to 2035. Antifoaming agents, also known as defoamers, are essential additives used across a multitude of industries to curb or eliminate foam formation during various industrial processes. Their ability to streamline operations by enhancing production efficiency and product quality makes them indispensable across sectors such as food and beverages, water treatment, oil and gas, and chemical manufacturing. The continual rise in demand for processed foods, growing water scarcity pushing investments in water treatment infrastructure, and increased exploration within oil and gas drilling operations are playing a catalytic role in fueling the adoption of antifoaming agents on a global scale.

What propels this market even further is the industry's shift toward more sustainable and high-performing formulations. The advent of advanced silicone-based and non-silicone-based defoamers, coupled with rising environmental concerns and regulatory mandates, has compelled manufacturers to innovate more eco-friendly and biodegradable alternatives. Additionally, increased R&D spending in agricultural formulations, pharmaceutical manufacturing, and personal care applications has brought newer applications of antifoaming agents to the forefront. For instance, in agriculture, defoamers are being increasingly used in pesticide formulations to improve spray application, while in pharmaceuticals, they ensure the stability and efficacy of drug products during production. This multifaceted usage is carving out newer growth avenues for key stakeholders across both developed and emerging markets.

Regionally, North America held the lion's share of the market in 2024, underpinned by

its mature industrial base, stringent regulatory framework promoting sustainable chemicals, and significant investment in wastewater treatment plants. Europe followed closely, owing to robust demand from the food & beverage industry and continued technological advancements. Meanwhile, the Asia Pacific region is poised to witness the fastest growth trajectory during the forecast period. Countries such as China, India, and South Korea are witnessing industrial growth at an unprecedented rate, which is directly translating into a surging need for process-enhancing additives such as antifoaming agents. The rapid urbanization and increasing environmental consciousness in these regions are also compelling industries to adopt high-performance antifoaming solutions to align with global environmental benchmarks.

Major market players included in this report are:

BASF SE

Dow Inc.

Evonik Industries AG

Air Products and Chemicals, Inc.

Wacker Chemie AG

Momentive Performance Materials Inc.

Kemira Oyj

Shin-Etsu Chemical Co., Ltd.

Ashland Inc.

Clariant AG

Ecolab Inc.

Elementis plc

Hydrite Chemical Co.

Elkem ASA

Accepta Ltd.

Global Antifoaming Agent Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Application:

Food & Beverage

Water Treatment

Oil & Gas

Chemical Processing

Construction

By Type:

Silicone Based

Non-Silicone Based

Liquid Form

Powder Form

By End Use Industry:

Pharmaceuticals

Agriculture

Pulp & Paper

Personal Care

Textiles

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

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

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.

Demand side and supply side analysis of the market.

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