

# Global Anti-Foaming Agents Market to Reach USD 2.52 Billion by 2034, Growing at a CAGR of 4.6% | FMI

*The anti-foaming agents market is growing, driven by industrial demand, sustainability trends, and innovations in food, pharmaceuticals, and chemicals.*

NEWARK, DE, UNITED STATES, January 29, 2025 /EINPresswire.com/ -- The global [sales of anti-foaming agents](#) are projected to reach USD 1,609.3 million in 2024 and are expected to grow to USD 2,523.2 million by 2034, reflecting a compound annual growth rate (CAGR) of 4.6% over the forecast period from 2024 to 2034.

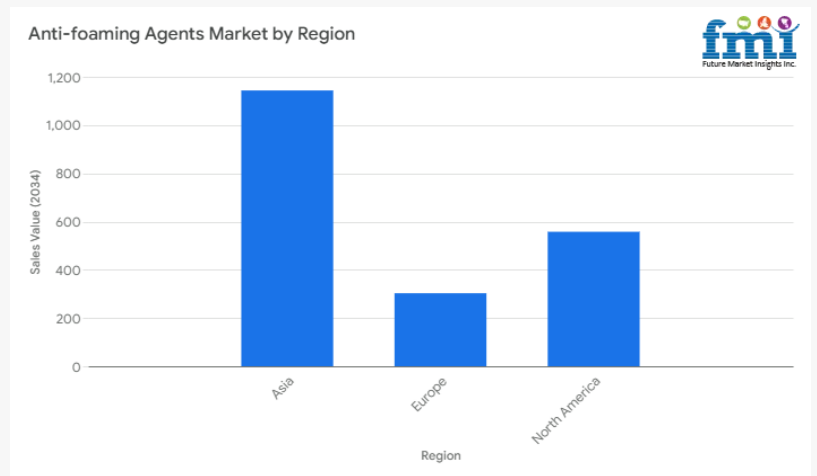
Anti-foaming agents are specialized chemical compounds that act as surfactants and are insoluble in the foaming medium. These agents have low viscosities, enabling them to spread easily across the foam's surface. Their ability to interact with the air-liquid interface allows them to break apart foam lamellas, destabilizing the foam structure.

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Anti-Foaming Agents Market



Antifoaming Agents Market by Regional Analysis

The global Anti-Foaming Agents Market is experiencing significant growth, driven by the increasing demand for industrial processing, pharmaceuticals, food & beverages, and wastewater treatment. These agents play a crucial role in eliminating excessive foam during manufacturing processes, ensuring smooth production flows, and maintaining product quality. Anti-foaming agents are widely used across a variety of applications, including in the production of paints and coatings, agrochemicals, adhesives, and personal care products. These agents are highly effective in controlling foam formation, which can otherwise lead to operational inefficiencies and product defects.

The rise in industrialization and urbanization, coupled with increasing awareness about quality control in manufacturing, is acting as a primary growth driver for the market. The pharmaceutical industry, in particular, is expected to see considerable demand for anti-foaming agents, as they are used in the production of various drugs, including liquid formulations and formulations that require foam control for efficiency. Additionally, the increasing trend towards sustainable and eco-friendly production processes has led to a growing preference for natural and biodegradable anti-foaming agents, further stimulating market expansion.

Regionally, North America and Europe have historically held the largest market share for anti-foaming agents, owing to a mature industrial base and robust manufacturing sectors. However, Asia-Pacific is projected to see the highest growth over the coming years. The region's expanding industrial landscape, coupled with the growing demand from emerging markets such as China and India, will contribute significantly to the market's expansion. Increasing urbanization, higher industrial output, and advancements in manufacturing technologies are expected to further drive the demand for anti-foaming agents in the region.

#### Key Takeaways:

- The global anti-foaming agents market is poised for substantial growth, driven by increasing demand across various industries including food and beverages, pharmaceuticals, and oil & gas.
- Key drivers include expanding industrialization, regulatory support for food safety, and innovations in product formulations.
- Rising demand for anti-foaming agents in high-value applications such as cosmetics and detergents is set to boost market value in the coming years.
- North America and Asia Pacific are leading regions due to robust industrial activity and increasing manufacturing capabilities.

#### Drivers and Applications:

The global anti-foaming agents market is set to expand significantly due to several driving factors. Increasing industrial activities, particularly in food processing, cosmetics manufacturing, pharmaceuticals, and chemicals, continue to support the market. These agents help improve product quality and operational efficiency by preventing foam formation during production processes. The growing demand for anti-foaming agents is not only confined to industrial manufacturing but extends to emerging applications in sectors such as detergents, paints,

coatings, and water treatment. Within food processing, anti-foaming agents are increasingly used to improve the texture and quality of products, especially in dairy, beverages, and confectioneries.

In pharmaceuticals, anti-foaming agents are utilized for stabilizing emulsions and controlling foam formation in liquid medicines and other therapeutic applications. The oil and gas industry, with its need to control foaming in refining and extraction processes, is also a major contributor to market growth. Anti-foaming agents play a crucial role in ensuring smooth production and processing.

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Regional Analysis:

- North America: Leading the market, driven by high demand from end-use industries such as food processing, chemicals, and pharmaceuticals. The presence of established key players also boosts market growth.
- Asia Pacific: Expected to witness rapid growth, particularly in China and India, driven by industrial expansion and increasing manufacturing activity in sectors such as food and beverages, textiles, and chemicals.
- Europe: Showing steady growth with a focus on sustainability and eco-friendly formulations. Regulatory frameworks in European countries push for high-quality anti-foaming agents, especially in food and cosmetic products.
- Middle East & Africa: Moderate growth is expected with expanding applications in water treatment and oil & gas industries.
- Latin America: Growth in the food and beverage sector and other industrial applications is contributing to market expansion, particularly in countries like Brazil and Mexico.

Recent Trends:

Recent trends in the anti-foaming agents market include increasing demand for bio-based and eco-friendly formulations. Consumers and industries alike are becoming more conscious of sustainability, which has led to the development of non-silicone-based agents, often derived from plant-based sources. Another key trend is the growing need for customized anti-foaming solutions, tailored to specific industrial requirements, including non-toxic, biodegradable agents that can be used in food and personal care products.

Further, the shift toward automation and digitization in manufacturing has led to improved production processes, enhancing the need for high-performance anti-foaming agents. Innovations are also taking place in packaging to improve efficiency and minimize the environmental impact of foaming agents.

"The global anti-foaming agents market is likely to experience steady growth, underpinned by expanding industrial demand and continuous innovation. Analysts emphasize that there will be a notable shift towards sustainable, biodegradable, and non-toxic formulations in response to environmental regulations and consumer preferences. Market players are encouraged to focus on regional expansion, particularly in emerging economies, where demand is rapidly increasing. Additionally, leveraging technological advancements to develop multi-functional and high-performance anti-foaming agents will offer a competitive edge." - says Nandini Roy Choudhury, Client Partner at Future Market Insights

### Competition Outlook

The target industry encompasses a diverse and dynamic competitive landscape. Leading chemical, anti-foaming, or defoamer agent manufacturing companies are focusing on research and development, advanced processing, sustainable sourcing of raw materials, and new formulations for the products.

They are also emphasizing environment-friendly and biodegradable practices, with multiple applications of single product and product certifications to satisfy the increasing demand for easy and quick response products.

Manufacturers are also looking to maintain their industry position by aiming at product efficiency, innovation, and matching varied customer preferences as per customization. Also, key industry leaders or well-established brands are directing more on acquiring small companies to expand their geographical reach.

### For Instant

- Recently DIC Corporation, Japan has developed innovative anti-foaming agents to be used in electric vehicles lubricating oils. These target products do not contain any perfluoroalkyl and poly-fluoroalkyl substances (PFASs), PFAS-free which boast the performance
- CONCENTROL has developed a new range of mineral oil-free anti-foams, which are not harmful to humans or the environment due to their low or no toxicity, and the enhanced biodegradability of the raw materials.

### Leading Brands

- Hangzhou Ruijiang Chemical Co. Ltd
- Guangdong Zilibon Chemical Co.
- OM Tex Chem Private Limited
- Mohini Organics Pvt Ltd
- Nanhui New Material Co., Ltd.
- HARMONY ADDITIVES PRIVATE LIMITED
- Elkem
- Charnok
- Ecolab
- Dow Chemicals

- Vizag Chemicals International
- Münzing Corporation.
- Crucible Chemical Company
- Amega Science USA
- Momentive
- BRB International
- ZILIBON DEFOAMER CHEMICAL
- Maxwell Additives Pvt Ltd
- Struktol
- DIC Corporation ss

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### Key Segments of Market Report

#### By Type:

As per type, the target industry has been categorized into Silicone-based, Oil-based, Water Based

#### By Application:

As per the Application, the target products are sub-segmented into Food and Beverages (Brewing, Dairy Application), Pharmaceuticals (Drug Formulation, Bio-Pharmaceutical manufacturing), Paints and Coating (Solvent Based Paint, Powder Coating), Oil and Gas (Production process, Refining Process), Others (Dishwashing, Textiles, Metal working)

#### By Form:

This segment is sub-categorized in Liquid, Powdered

#### By Region:

Industry analysis has been carried out in key countries of the regions such as North America, Latin America, Europe, East Asia, South Asia, Oceania, and the Middle East & Africa.

Authored by: □

Roy Choudhury (Client Partner for Food & Beverages at Future Market Insights, Inc.) has 7+ years of management consulting experience. She advises industry leaders and explores off-the-eye opportunities and challenges. She puts processes and operating models in place to support their business objectives.□□□

She has exceptional analytical skills and often brings thought leadership to the table.□□

Nandini has vast functional expertise in key niches, including but not limited to food ingredients, nutrition & health solutions, animal nutrition, and marine nutrients. She is also well-versed in the

pharmaceuticals, biotechnology, retail, and chemical sectors, where she advises market participants to develop methodologies and strategies that deliver results.□

core expertise lies in corporate growth strategy, sales and marketing effectiveness, acquisitions and post-merger integration and cost reduction. Nandini has an MBA in Finance from MIT School of Business. She also holds a Bachelor's Degree in Electrical Engineering from Nagpur University, India.□□

Nandini has authored several publications, and quoted in journals including Beverage Industry, Bloomberg, and Wine Industry Advisor.□

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The global [sequestrants industry](#) is estimated to be worth USD 754 million in 2024 and is projected to reach a value of USD 1,289 million by 2034, expanding at a CAGR of 11.3% over the assessment period of 2024 to 2034.

The global [nicotinic acid market](#) is estimated to be worth USD 362.4 million by the end of 2025 and is projected to reach a value of USD 601.7 million by 2035, growing at a CAGR of 5.2% over the assessment period 2025 to 2035.

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