

Sorbic Acid Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

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Abstracts

Sorbic Acid Market Summary

Introduction

Sorbic Acid is a naturally occurring organic compound used as a preservative across various industries, including food and beverage, personal care and cosmetics, industrial applications, pharmaceuticals, and home care. As a key raw material for producing Potassium Sorbate, it belongs to the sorbate class of food preservatives, which also includes benzoates, propionates, and parabens. Sorbic Acid and its salts are recommended by the FAO and WHO for their high efficacy and safety, offering 5-10 times the preservative power of benzoates with only a quarter of their toxicity, comparable to table salt. It preserves food without altering its characteristics, metabolizing in the body into carbon dioxide and water, and finds broad applications due to its versatility. The market includes both direct Sorbic Acid sales and its processed form as Potassium Sorbate. The industry is a vital segment of the global food additives market, characterized by its reliance on chemical synthesis, regulatory compliance, and growing demand for safe preservatives. China dominates production, with key players like Wanglong Tech and Nantong Acetic Acid Chemical Co. Ltd. contributing to over 80%-90% of global capacity, exporting more than 50% of output. The market is driven by food safety needs and clean-label trends but faces challenges from substitutes and regulatory scrutiny.

Market Size and Growth Forecast

The global Sorbic Acid market is estimated at approximately USD 400 to 480 million in 2025, with a projected compound annual growth rate (CAGR) of 3% to 5% from 2025 to 2030, reaching USD 475 to 600 million by 2030. This growth reflects steady demand in



food preservation and expanding applications, supported by export strength, though moderated by substitution trends and regulatory pressures.

Regional Analysis

North America: Holding 25-30% of the market share, North America grows at 2.5-3.5%. The United States leads with demand in food and beverage and personal care, driven by clean-label trends and regulatory standards. Trends focus on safe, natural preservatives, with significant imports from China.

Europe: Accounting for 20-25% of the market share, Europe grows at 2-3%. Germany, France, and the UK emphasize food safety and cosmetics, favoring Sorbic Acid for its low toxicity. Trends highlight EU compliance and sustainable sourcing, supported by Chinese exports.

Asia Pacific: Representing 40-45% of the market share, this region grows at 4-5%. China dominates production, with over 50% of output exported, while Japan and India drive consumption in food and pharmaceuticals. Trends focus on cost-effective production and growing domestic demand.

Rest of the World: With a 10-15% share, this region grows at 3-4%. Brazil and South Africa see uptake in food and home care, driven by emerging markets. Trends emphasize affordable preservatives and reliance on Chinese supply.

Application Analysis

The market is segmented by application, with growth trends reflecting preservative needs:

Food and Beverage: Expected to grow at 3-4%, used in bakery, dairy, and beverages for preservation. Trends focus on clean-label demand and extended shelf life.

Personal Care & Cosmetics: Projected at 3.5-5%, applied in creams and lotions. Trends emphasize low-toxicity preservatives and natural formulations.

Industrial: Anticipated at 2.5-3.5%, used in chemical preservation. Trends target niche industrial applications.

Pharmaceutical: Expected to grow at 3-4%, ensuring drug stability. Trends focus on safe excipients.

Home Care: Projected at 2-3%, used in cleaners. Trends emphasize cost-effective preservation.

Key Market Players

Wanglong Tech: A leading producer of Sorbic Acid and Potassium Sorbate with significant export focus.

Nantong Acetic Acid Chemical Co. Ltd.: Specializes in chemical preservatives for multiple industries.



Celanese: Offers Sorbic Acid for food and industrial applications.

Daicel: Provides high-quality Sorbic Acid for pharmaceuticals and cosmetics.

Jiangsu Mupro Ift Corp.: Supplies Sorbic Acid and derivatives with a strong market presence.

These firms compete on production capacity, quality, and cost efficiency.

Porter's Five Forces Analysis

Threat of New Entrants: Medium; moderate barriers from production expertise and regulatory compliance exist, but China's dominance deters significant entry.

Threat of Substitutes: Medium; benzoates and propionates compete, but Sorbic Acid's superior efficacy and safety sustain demand despite substitution trends.

Bargaining Power of Buyers: High; large food and cosmetic firms negotiate pricing, leveraging multiple preservative options.

Bargaining Power of Suppliers: Medium; reliance on chemical raw materials gives suppliers leverage, offset by diversified sourcing.

Competitive Rivalry: High; key players compete on cost, quality, and regulatory approval, driving efficiency in production.

Supply Chain Localization Impact: Tariff conflicts, particularly between the US and China, have prompted localized Sorbic Acid production in North America and Europe to reduce reliance on Chinese exports. This shift may raise costs but enhances supply chain resilience.

Market Opportunities and Challenges

Opportunities:

- -Rising demand for clean-label preservatives in food and beverages boosts Sorbic Acid use globally.
- -China's export strength, with over 50% of production reaching key markets, sustains growth.
- -Expanding applications in personal care and pharmaceuticals offer new market potential.

Challenges:

- -Substitution by benzoates and propionates in some regions limits market expansion.
- -Raw material price volatility challenges cost stability and profitability.
- -Regulatory scrutiny on food additives increases compliance costs, particularly for exports.



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