

Global Lactone Series Synthetic Fragrance Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G6A5E62A9095EN.html>

Date: August 2026

Pages: 147

Price: US\$ 4,480.00 (Single User License)

ID: G6A5E62A9095EN

Abstracts

The global Lactone Series Synthetic Fragrance market size is expected to reach \$ 467 million by 2032, rising at a market growth of 5.8% CAGR during the forecast period (2026-2032).

Lactone series synthetic fragrances refer to a class of synthetic fragrance compounds that are chemically categorized as lactones. Lactones are cyclic esters formed through the intramolecular condensation of hydroxy acids. Their olfactory profile spans a very broad range, from the rich coconut and peach-like fruity notes of lower-carbon-chain lactones, to the creamy, buttery, milky notes of medium-carbon-chain lactones, and further to the macrocyclic musky base notes of higher-carbon-chain lactones. Owing to their excellent chemical stability and extremely low odor thresholds, these products have become indispensable core ingredients in both household and personal care fragrances, where they provide floral and fruity tonalities, and in food flavorings, where they help build creamy and fatty sensory characteristics. They are therefore regarded as a category of fragrance materials with relatively high technical barriers and very broad application in the fine chemicals industry.

This market combines the characteristics of both fine chemicals and consumer formulation ingredients. Upstream, it is linked to the aroma chemicals manufacturing system; downstream, it serves food and beverages, daily chemical fragrances, tobacco, and other compounded applications. As a result, the market has a broad demand base and relatively high product added value. The main drivers of market growth include consumption upgrading, flavor innovation, increasingly refined fragrance development, ongoing improvement in regulatory systems, and demand expansion in emerging regions.

China is one of the most important sources of growth in the global market. The market size in China reached US\$61.76 million in 2025 and is projected to increase to US\$115 million by 2032, with a growth rate above the global average. This continued expansion is reinforcing Asia-Pacific's position as the center of the global market.

Food and beverages represent the largest demand sector for lactone synthetic fragrances worldwide, while daily chemicals constitute the second-largest application area. Tobacco and other applications form the long-tail market. In beverages, dairy products, baked goods, confectionery, frozen desserts, and compound seasoning systems, lactone molecules can provide fruity, milky, sweet, and fatty notes, enhancing flavor authenticity, roundness, and layering. As a result, they are widely used in food flavor formulations. Daily chemical applications are the most dynamic area of market upgrading. In perfumes, personal care, skincare, household care, and fabric care products, lactone ingredients mainly serve to soften the fragrance profile, improve longevity, enhance roundness, and optimize overall formulation harmony. Tobacco applications mainly address the need for soft sweetness and flavor modification. Other applications cover niche scenarios such as air care, feed attractants, functional consumer products, and customized compounded formulations. Overall, food and beverages determine the scale of the market, daily chemicals drive higher added value, and tobacco together with other applications strengthens the market's diversified demand base.

This report studies the global Lactone Series Synthetic Fragrance production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Lactone Series Synthetic Fragrance and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Lactone Series Synthetic Fragrance that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Lactone Series Synthetic Fragrance total production and demand, 2021-2032, (Tons)

Global Lactone Series Synthetic Fragrance total production value, 2021-2032, (USD Million)

Global Lactone Series Synthetic Fragrance production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Lactone Series Synthetic Fragrance consumption by region & country, CAGR,

2021-2032 & (Tons)

U.S. VS China: Lactone Series Synthetic Fragrance domestic production, consumption, key domestic manufacturers and share

Global Lactone Series Synthetic Fragrance production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Lactone Series Synthetic Fragrance production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Lactone Series Synthetic Fragrance production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Lactone Series Synthetic Fragrance market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kao, ZEON, Soda Aromatic, Lanxess, Takasago, Symrise, DSM-Firmenich, IFF, Givaudan, Moellhausen, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Lactone Series Synthetic Fragrance market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Lactone Series Synthetic Fragrance Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Lactone Series Synthetic Fragrance Market, Segmentation by Type:

Gamma-Lactone Series

Delta-Lactone Series

Others

Global Lactone Series Synthetic Fragrance Market, Segmentation by Carbon Chain Length:

Short-chain Lactones

Medium-chain Lactones

Long-chain / Macrocyclic Lactones

Global Lactone Series Synthetic Fragrance Market, Segmentation by Odor Profile:

Fruity Lactones

Creamy / Fatty Lactones

Musky / Specialty-note Lactones

Global Lactone Series Synthetic Fragrance Market, Segmentation by Application:

Food and Beverages

Daily Chemicals

Tobacco

Others

Companies Profiled:

Kao

ZEON

Soda Aromatic

Lanxess

Takasago

Symrise

DSM-Firmenich

IFF

Givaudan

Moellhausen

ACS International

Kalp sutra Chemicals

Anhui Hyea Aromas

ZOTEQ

Zhejiang Yuchangshen Aromatics

Shanghai Huasheng Aromatic

Chunzhu Perfume

Zhejiang Xinhua Chemical

Key Questions Answered:

1. How big is the global Lactone Series Synthetic Fragrance market?
2. What is the demand of the global Lactone Series Synthetic Fragrance market?
3. What is the year over year growth of the global Lactone Series Synthetic Fragrance market?
4. What is the production and production value of the global Lactone Series Synthetic Fragrance market?
5. Who are the key producers in the global Lactone Series Synthetic Fragrance market?
6. What are the growth factors driving the market demand?

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