

Global Tributyrin Feed Additive Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GCC8A12259B3EN.html>

Date: January 2026

Pages: 97

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

ID: GCC8A12259B3EN

Abstracts

The global Tributyrin Feed Additive market size is expected to reach \$ 318 million by 2032, rising at a market growth of 7.4% CAGR during the forecast period (2026-2032).

In 2025, sales of tributyrin feed additives reached 59,385 tons, with an average price of US\$3,138 per ton.

Tributyrin (C₁₅H₂₆O₆) feed additive is a short-chain fatty acid triglyceride obtained by esterification of one molecule of glycerol with three molecules of butyrate. It is stable in the stomach and, after entering the intestines, is slowly released by pancreatic lipase into butyrate and glycerol, thus replacing antibiotics to exert a triple effect of 'energy supply, antibacterial, and anti-inflammatory.'

Industrial-grade tributyrin uses butyrate (from petroleum cracking or bio-fermentation) and glycerol (a byproduct of oil extraction) as the two main raw materials, in a molar ratio of 3:1. Esterification is carried out at 120–140 °C for 4–6 h under the catalysis of solid acid or ion exchange resin, followed by deacidification, decolorization, and molecular distillation to obtain the finished product. Raw material costs account for approximately 75%, with butyric acid prices fluctuating the most (RMB 13,000–18,000 per ton??), directly determining the product's ex-factory price. Esterification catalysts and steam energy consumption account for 8–10%, with the remainder being labor, packaging, and environmental treatment.

This report studies the global Tributyrin Feed Additive production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Tributyrin

Feed Additive 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 Tributyrin Feed Additive that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Tributyrin Feed Additive total production and demand, 2021-2032, (Tons)

Global Tributyrin Feed Additive total production value, 2021-2032, (USD Million)

Global Tributyrin Feed Additive production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Tributyrin Feed Additive consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Tributyrin Feed Additive domestic production, consumption, key domestic manufacturers and share

Global Tributyrin Feed Additive production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Tributyrin Feed Additive production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Tributyrin Feed Additive production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Tributyrin Feed Additive 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 Perstorp Group, Vetagro, HuBei Horwath Biotechnology, Singao, Alliance, Menon, VTR BioTech, Chengwu Yixin, Zhejiang Zan Cheng, Zhejiang Esigma Biological, 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 Tributyrin Feed Additive 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 Tributyrin Feed Additive Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Tributyrin Feed Additive Market, Segmentation by Type:

Powder

Liquid

Global Tributyrin Feed Additive Market, Segmentation by Process Route:

Chemical Esterification

Enzymatic Esterification

Other

Global Tributyrin Feed Additive Market, Segmentation by Functional Positioning:

Gut Health Type

Growth Promoter Type

Antibody Replacement Type

Other

Global Tributyrin Feed Additive Market, Segmentation by Application:

Monogastropods

Ruminants

Aquatic

Companies Profiled:

Perstorp Group

Vetagro

HuBei Horwath Biotechnology

Singao

Alliance

Menon

VTR BioTech

Chengwu Yixin

Zhejiang Zan Cheng

Zhejiang Esigma Biological

Key Questions Answered:

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

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