

Global Gamma Butyrolactone Market Size Study, by Purity (Industrial Class, Common Class, Electric Capacitance Class), by Application (Agrochemical Industry, Electrical Industry, Food Industry, Pharmaceutical Industry, Petroleum Industry), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G64B59A8311AEN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G64B59A8311AEN

Abstracts

The Global Gamma Butyrolactone (GBL) Market is valued approximately at USD 3.71 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 3.10% over the forecast period 2024-2032. GBL, a versatile solvent and intermediate chemical, is widely employed in various industrial applications due to its outstanding solvency power, low toxicity, and biodegradability. It plays a pivotal role in industries ranging from agrochemicals and pharmaceuticals to electronics and petrochemicals, making it an indispensable component of numerous processes. With growing industrialization and technological advancements, the market is witnessing a surge in demand for GBL, especially in developing economies.

The pharmaceutical industry's reliance on GBL as a precursor for synthesizing essential compounds has significantly bolstered market growth. Additionally, the rising adoption of GBL in the agrochemical industry for manufacturing pesticides and herbicides is driving market dynamics. However, challenges such as stringent regulatory frameworks governing its use and environmental concerns linked to its production may hinder the market's growth trajectory. Nevertheless, opportunities abound with the increasing focus on bio-based and sustainable chemical production methods, which align with global environmental goals.

Regional dynamics in the market reveal that North America and Europe are key markets

due to their advanced industrial infrastructure and robust research and development activities. The Asia-Pacific region is poised to exhibit the highest growth during the forecast period, driven by rapid industrialization, expanding manufacturing capabilities, and rising demand for agrochemicals and electronics in countries like China and India.

Major market players included in this report are:

BASF SE

Ashland Global Holdings Inc.

LyondellBasell Industries Holdings B.V.

Mitsubishi Chemical Corporation

Puyang Guangming Chemicals Co., Ltd.

Dairen Chemical Corporation

Nippon Chemical Industrial Co., Ltd.

Tokyo Chemical Industry Co., Ltd.

Sigma-Aldrich Corporation

Hangzhou Dayangchem Co., Ltd.

Nova Molecular Technologies

Hefei TNJ Chemical Industry Co., Ltd.

Suzhou ChonTech Co., Ltd.

Realsun Chemical Co., Ltd.

Alfa Chemistry

The detailed segments and sub-segment of the market are explained below:

By Purity

Industrial Class (5wt. %)

Common Class (8wt. %)

Electric Capacitance Class (9wt. %)

By Application

Agrochemical Industry

Electrical Industry

Food Industry

Pharmaceutical Industry

Petroleum Industry

By Region: North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market estimates & forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights.

Comprehensive competitive landscape with key players' profiles.

Strategic recommendations for future market approaches and trends.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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