

Global α,α -Diphenyl- γ -butyrolactone Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global α,α -Diphenyl- γ -butyrolactone market size was valued at USD 2687.6 million in 2023 and is forecast to a readjusted size of USD 3730.3 million by 2030 with a CAGR of 4.8% during review period.

α,α -diphenyl- γ -butyrolactone, also known as DBE-4 or DPDBE, is an organic compound. Its chemical formula is $C_{24}H_{18}O$, and its structure contains a butyrolactone ring and two phenyl functional groups. α,α -diphenyl- γ -butyrolactone is a colorless to light yellow crystal; melting point: about 102-105°C; α,α -diphenyl- γ -butyrolactone is soluble in organic matter Solvents such as ether, alcohols and ketones are insoluble in water. The preparation method of α,α -diphenyl- γ -butyrolactone can generally be synthesized through an acid-catalyzed thermodynamic addition reaction. The specific steps of the preparation method are to react acetophenone and phenol under acid catalysis to generate α,α -diphenyl- γ -butyrolactone.

The Global Info Research report includes an overview of the development of the α,α -Diphenyl- γ -butyrolactone industry chain, the market status of Polymer Materials (Purity 95%, Purity 98%), Optoelectronic Devices (Purity 95%, Purity 98%), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of α,α -Diphenyl- γ -butyrolactone.

Regionally, the report analyzes the α,α -Diphenyl- γ -butyrolactone markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global α,α -Diphenyl- γ -butyrolactone market, with robust domestic

demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the *p,p'*-Diphenyl-*p*-butyrolactone market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the *p,p'*-Diphenyl-*p*-butyrolactone industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Purity 95%, Purity 98%).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the *p,p'*-Diphenyl-*p*-butyrolactone market.

Regional Analysis: The report involves examining the *p,p'*-Diphenyl-*p*-butyrolactone market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the *p,p'*-Diphenyl-*p*-butyrolactone market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to *p,p'*-Diphenyl-*p*-butyrolactone:

Company Analysis: Report covers individual *p,p'*-Diphenyl-*p*-butyrolactone manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards *p,p'*-Diphenyl-*p*-butyrolactone This may involve surveys, interviews,

and analysis of consumer reviews and feedback from different by Application (Polymer Materials, Optoelectronic Devices).

Technology Analysis: Report covers specific technologies relevant to α,α' -Diphenyl- β -butyrolactone. It assesses the current state, advancements, and potential future developments in α,α' -Diphenyl- β -butyrolactone areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the α,α' -Diphenyl- β -butyrolactone market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

α,α' -Diphenyl- β -butyrolactone market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Purity 95%

Purity 98%

Purity 99%

Others

Market segment by Application

Polymer Materials

Optoelectronic Devices

Medical Field

Others

Major players covered

J&K Scientific

MERYER

Energy Chemical

Suzhou Yacoo Science

Shanghai Qiao Chem

Peptide-Search

EECHEM

Aikon Chem

RRKCHEM

JFBIO

Dideu

Yacoo

Speranza Chemical CO.,Ltd.

XinKang

Shanghai Haohong Biomedicine

Aladdin

Sigma-Aldrich Production GmbH

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe α,β -Diphenyl- γ -butyrolactone product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of α,β -Diphenyl- γ -butyrolactone, with price, sales, revenue and global market share of α,β -Diphenyl- γ -butyrolactone from 2019 to 2024.

Chapter 3, the α,β -Diphenyl- γ -butyrolactone competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the α,β -Diphenyl- γ -butyrolactone breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and α,β -Diphenyl- γ -butyrolactone market forecast, by regions, type and

application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of α,α -Diphenyl- β -butyrolactone.

Chapter 14 and 15, to describe α,α -Diphenyl- β -butyrolactone sales channel, distributors, customers, research findings and conclusion.

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