

# **Global Phthalic Anhydride Market Size Study, by Derivative (Phthalate Esters, Phthalimide, Phthalein, Phenolphthalein, and Others), Application (Plasticizers, Unsaturated Polyester Resin, Alkyd Resin, Flame Retardants, Dyes and Pigments, and Others), End-Use Industry (Building & Construction, Automotive, Electrical & Electronics, Healthcare, Agriculture, and Others), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Phthalic Anhydride Market is valued at approximately USD 5.45 billion in 2023 and is projected to expand at a CAGR of 4.67% during the forecast period 2024-2032. Phthalic anhydride, a critical chemical intermediate primarily derived from ortho-xylene, serves as a cornerstone in the production of plasticizers, resins, dyes, and flame retardants. Its versatile applications across building & construction, automotive, and electrical industries underscore its importance in modern manufacturing ecosystems. As industries shift towards durable, lightweight, and high-performance materials, phthalic anhydride remains indispensable for producing products such as polyvinyl chloride (PVC) plastics, unsaturated polyester resins (UPR), and alkyd coatings.

The market's steady growth can be attributed to the increasing demand for plasticizers, which are essential for enhancing the flexibility and workability of plastics, particularly in the construction and automotive sectors. Rapid infrastructure development, particularly in emerging economies, coupled with rising automotive production, has significantly bolstered demand for phthalic anhydride-based derivatives. Additionally, advancements

in resin technologies have paved the way for innovative applications in coatings, composites, and flame-retardant solutions, further driving market penetration. However, fluctuating raw material prices and the growing shift toward bio-based alternatives pose challenges for market growth.

Nevertheless, opportunities for phthalic anhydride producers abound as the focus on sustainable and energy-efficient construction materials intensifies. Developments in eco-friendly plasticizers and bio-based resins are shaping the industry's future, enabling manufacturers to align with environmental regulations and meet evolving consumer preferences. Furthermore, the agricultural sector's increasing reliance on phthalic anhydride-derived pesticides and herbicides highlights its broader industrial relevance. Regulatory support for advanced chemical manufacturing is fostering market expansion, particularly in regions prioritizing industrial growth.

Geographically, Asia-Pacific dominates the phthalic anhydride market, driven by robust industrial activity, rapid urbanization, and infrastructure advancements in China, India, and Southeast Asia. The region's increasing investments in building materials, automotive manufacturing, and electrical goods create a substantial demand for plasticizers and polyester resins. North America, bolstered by strong automotive production and advancements in construction technology, remains a significant market, while Europe's emphasis on regulatory compliance and sustainable solutions continues to fuel steady growth. Latin America and the Middle East & Africa are emerging as promising markets, supported by rising construction investments and agricultural applications.

The phthalic anhydride market is positioned for consistent growth, driven by its wide-ranging applications and advancements in chemical manufacturing technologies. Key players are focusing on enhancing production capacities, fostering innovations, and exploring sustainable solutions to meet global demand and maintain their competitive edge.

Major Market Players Included in this Report Are:

BASF SE

ExxonMobil Corporation

Mitsubishi Gas Chemical Company, Inc.

Aekyung Petrochemical Co., Ltd.

I G Petrochemicals Ltd.

Polynt SpA

UPC Technology Corporation

NAN YA Plastics Corporation

Koppers Holdings Inc.

Shandong Hongxin Chemicals Co., Ltd.

Thirumalai Chemicals Ltd.

Yabang Investment Holding Group Co., Ltd.

Jiangsu Sanmu Group Co., Ltd.

Asian Paints Ltd.

Anhui Tongxin Chemical Co., Ltd.

The Detailed Segments and Sub-Segment of the Market Are Explained Below:

By Derivative:

Phthalate Esters

Phthalimide

Phthalein

Phenolphthalein

Others

### By Application:

Plasticizers

Unsaturated Polyester Resin

Alkyd Resin

Flame Retardants

Dyes and Pigments

Others

### By End-Use Industry:

Building & Construction

Automotive

Electrical & Electronics

Healthcare

Agriculture

Others

### 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

Years Considered for the Study Are as Follows:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

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

Detailed analysis of geographical landscape with country-level insights across major regions.

Competitive landscape with in-depth information on major players.

Analysis of key business strategies and recommendations for future market approaches.

Analysis of competitive structure of the market.

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

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