

# **Phthalic Anhydride and Derivatives (Plasticizers, Unsaturated Polyester Resins, and Alkyd Resins) Market by Application & Geography - Trends & Forecast to 2018**

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## **Abstracts**

Phthalic anhydride is an important compound derived from the oxidation reaction of naphthalene. On the basis of application areas, the market of phthalic anhydride can be broadly segmented into plasticizers, unsaturated polyester resins, alkyd resins, and others. Plasticizer is the main phthalic anhydride application and serves an array of industries due to its various properties and performance advantages. Among the important plasticizers, DOP and DINP are more commonly used phthalate plasticizers.

The Asia-Pacific region is the largest market for phthalic anhydride, consuming more than three-fifth of its total global demand. The region has potential for the product due to increasing demand for its end-user products. However, with the increasing focus on environmental as well occupational safety, the use of phthalic anhydride in its end-user applications is being restricted or banned in some applications. In some cases, phthalic anhydride is also being replaced by suitable substitutes. Thus, the growth in demand of the anhydride is estimated at a slower pace in European and North American markets during the forecast period.

The important end-user industries of phthalic anhydride include construction, automotive, electrical & electronics, and paints & coatings, which are growing at a good pace. The key drivers for the increasing demand of phthalic anhydride is majorly due to increasing demand from Asia-Pacific region and relatively higher estimated growth rate in alkyd resins application.

This study on phthalic anhydride market estimates its global demand and its market

value for 2012, and projects the expected demand and market value of the same by 2018. As a part of quantitative analysis, the study segments the global market by derivatives and geography with current market estimation and forecast till 2018. The countries covered in the report are India, China, Japan, U.S., Italy, Germany, and France. The segmentation by derivatives includes plasticizers, unsaturated polyester resins (UPR), and alkyd resins.

Further, as a part of the qualitative analysis, the research provides report with a comprehensive review of important drivers, restraints, opportunities, winning imperatives, and key issues in the market. It also includes the company profiling and competitive strategies adopted by various market players including BASF (Germany), Shandong Hongxin (China), Nan-Ya Plastics (Taiwan), ExxonMobil Chemical (U.S.), Aekyung Petrochemical (Japan), IG Petrochemicals (India), Polynt SPA (Italy), and Koppers Industries (U.S.).

The global phthalic anhydride market is estimated to grow at a CAGR of 3.40% over the next five years, to reach a demand of 4,828.80 KT by 2018. The Asia-Pacific region, with its thriving economies and rapidly expanding population, is expected to remain the largest market for phthalic anhydride from 2013 to 2018.

### **Scope of the report**

Phthalic anhydride market on the basis of geography:

Asia-Pacific

Europe

North America

Rest of the World

Phthalic anhydride market on the basis of derivatives:

Plasticizers

Unsaturated Polyester Resins

Alkyd resins

Others

Derivatives market:

Plasticizers: Regional analysis with country level breakup

Unsaturated Polyester Resins: Regional analysis with country level breakup

Alkyd Resins: Regional analysis with country level breakup

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## About

The report covers the caprolactam market, studied on the basis of types, industry verticals, and regions. The report analyses the market for caprolactam with respect to drivers, opportunities, winning imperatives, and burning issues related to the industry.

There are various applications of caprolactam, and the performances of these products are based on key functions that it performs. The total market for caprolactam has been analyzed based on the Porter's five forces model. This gives an idea about the current situation in the industry at a commercial level. The study provided the value chain analysis with respect to caprolactam and its applications in polyamide 6. It describes the key contributors to the caprolactam market at different stages from product development to end-use. The report also provides global and regional capacity share analysis of the caprolactam manufacturers. It represents the top five players for each region that are contributing to this industry.

The impact of different market factors such as drivers, restraints, and opportunities are also illustrated in the report. This is done based on the parameters that include impact of a specific market factor (low, medium, high) and time period over which it persists. This gives an idea about the key drivers and opportunities that are important for commercial success of caprolactam products and its market.

The report describes about price patterns of crude oil derivatives used for caprolactam manufacturing. Along with that, it also focuses on the life cycle of caprolactam industry and the phases which include development, growth, maturity, and decline.

Caprolactam is a precursor of polyamide 6 and is mainly used to manufacture fiber and engineering plastics.

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