

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

https://marketpublishers.com/r/P6695169043EN.html

Date: May 2014

Pages: 178

Price: US\$ 5,650.00 (Single User License)

ID: P6695169043EN

# **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

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Asia-i	Pacit	IC

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



# **Contents**

#### 1 INTRODUCTION

- 1.1 Key Deliverables
- 1.2 Report Description
- 1.3 Stakeholders
- 1.4 Research Methodology
  - 1.4.1 Market Size
  - 1.4.2 Important Secondary Sources Used
  - 1.4.3 Key Data Points Taken From Secondary Sources
  - 1.4.4 Key Data Points Taken From Primary Sources
  - 1.4.5 Assumptions

#### **2 EXECUTIVE SUMMARY**

#### **3 PREMIUM INSIGHTS**

- 3.1 Phthalic Anhydride Market Segmentation
- 3.2 Phthalic Anhydride Market Dynamics
- 3.3 Phthalic Anhydride Market Outlook
- 3.4 Phthalic Anhydride Market Trend

#### **4 MARKET OVERVIEW**

- 4.1 introduction
- 4.2 Value Chain Analysis
  - 4.2.1 Raw Material Suppliers
  - 4.2.2 Manufacturers
  - 4.2.3 Derivatives Manufacturers
  - 4.2.4 Distributors
  - 4.2.5 End Use
- 4.3 Market Dynamics
  - 4.3.1 Drivers
    - 4.3.1.1 increasing Demand in The Asia-Pacific Region
    - 4.3.1.2 Growth in Alkyd Resins
  - 4.3.2 Restraint
    - 4.3.2.1 Toxicity of Phthalates
  - 4.3.3 Opportunity



- 4.3.3.1 Increasing Demand For Polyester Polyols
- 4.3.4 Burning Issue
  - 4.3.4.1 Rebuilding The Faith in PA
- 4.3.5 Winning Imperatives
- 4.3.5.1 Product Innovation
- 4.4 Porter's Five Forces Analysis
  - 4.4.1 Bargaining Power of Suppliers
  - 4.4.2 Threat of Substitutes
  - 4.4.3 Threat of New Entrants
  - 4.4.4 Bargaining Power of Buyers
  - 4.4.5 Degree of Competition
- 4.5 Market Share Analysis

# **5 PHTHALIC ANHYDRIDE MARKET, BY DERIVATIVES**

- 5.1 Introduction
- 5.2 Plasticizers
- 5.3 Unsaturated Polyester Resins
- 5.4 Alkyd Resins

#### **6 PHTALIC ANHYDRIDE DERIVATIVES MARKET**

- 6.1 Introduction
- 6.2 Plasticizers
  - 6.2.1 Overview
  - 6.2.2 Plasticizers Regional Analysis
    - 6.2.2.1 North America
    - 6.2.2.2 Europe
    - 6.2.2.3 Asia-Pacific
    - 6.2.2.4 ROW
- 6.3 Unsaturated Polyester Resin (UPR)
  - 6.3.1 Overview
  - 6.3.2 Unsaturated Polyester Resins, Regional Analysis
    - 6.3.2.1 North America
    - 6.3.2.2 Europe
    - 6.3.2.3 Asia-Pacific
    - 6.3.2.4 ROW
- 6.4 Alkyd Resins
- 6.4.1 Alkyd Resins, Regional Analysis



- 6.4.1.1 North America
- 6.4.1.2 Europe
- 6.4.1.3 Asia-Pacific
- 6.4.1.4 ROW

# 7 PHTHALIC ANHYDRIDE MARKET, BY GEOGRAPHY

- 7.1 Introduction
- 7.2 North America
  - 7.2.1 U.S.
  - 7.2.2 Mexico
  - 7.2.3 Canada
- 7.3 Europe
  - 7.3.1 Germany
  - 7.3.2 The Netherlands
  - 7.3.3 Italy
  - 7.3.4 France
  - 7.3.5 Turkey
  - 7.3.6 Poland
  - 7.3.7 U.K.
- 7.4 Asia-Pacific
  - 7.4.1 China
  - 7.4.2 India
  - 7.4.3 South Korea
  - 7.4.4 Taiwan
  - 7.4.5 Japan
  - 7.4.6 Thailand
- **7.5 ROW** 
  - 7.5.1 Russia
  - 7.5.2 Brazil
  - 7.5.3 Argentina

#### **8 COMPETITIVE LANDSCAPE**

- 8.1 Introduction
- 8.2 Capacity Expansion
- 8.3 Maintenance & Production Resumption

# 9 COMPANY PROFILES (OVERVIEW, FINANCIAL, PRODUCTS & SERVICES,



# STRATEGY, AND DEVELOPMENTS)

- 9.1 BASF S.E.
- 9.2 Shandong Hongxin Chemicals Co. Ltd.
- 9.3 Nan Ya Plastics Corp.
- 9.4 Exxon Mobil Corporation
- 9.5 Aekyung Petrochemical Co. Ltd.
- 9.6 Asian Paints Ltd.
- 9.7 C-Chem Co. Ltd.
- 9.8 I.G. Petrochemicals Ltd.
- 9.9 Koppers Inc.
- 9.10 Mitsubishi Gas Chemicals Co. Ltd.
- 9.11 Polynt Spa
- 9.12 Stepan Company
- 9.13 Thirumalai Chemicals Ltd.
- 9.14 UPC Technology Corp. (Details Might Not Be Captured in Case of Unlisted Companies.)



# **List Of Tables**

#### LIST OF TABLES

Table 1 Phthalic Anhydride Market Size, By Derivative, 2011-2018 (KT)

Table 2 Phthalic Anhydride Market Size, By Derivative, 2011-2018 (\$Million)

Table 3 Plasticizers Phthalic Anhydride Market Size, By Geography, 2011-2018 (KT)

Table 4 Plasticizers Phthalic Anhydride Market Size, By Geography, 2011-2018 (\$Million)

Table 5 UPR Phthalic Anhydride Market Size, By Geography, 2011-2018 (KT)

Table 6 UPR Phthalic Anhydride Market Size, By Geography, 2011-2018 (\$Million)

Table 7 Alkyd Resins Phthalic Anhydride Market Size, By Geography, 2011-2018 (KT)

Table 8 Alkyd Resins Phthalic Anhydride Market Size, By Geography, 2011-2018 (\$Million)

Table 9 Plasticizers Market Size, By Geography, 2011-2018 (KT)

Table 10 Plasticizers Market Size, By Geography, 2011-2018 (\$Million)

Table 11 North America: Plasticizers Market Size, By Country, 2011-2018 (KT)

Table 12 North America: Plasticizers Market Size, By Country, 2011-2018 (\$Million)

Table 13 Europe: Plasticizers Market Size, By Country, 2011-2018 (KT)

Table 14 Europe: Plasticizers Market Size, By Country, 2011-2018 (\$Million)

Table 15 Asia-Pacific: Plasticizers Market Size, By Country, 2011-2018 (KT)

Table 16 Asia-Pacific: Plasticizers Market Size, By Country, 2011-2018 (\$Million)

Table 17 ROW: Plasticizers Market Size, By Country, 2011-2018 (KT)

Table 18 ROW: Plasticizers Market Size, By Country, 2011-2018 (\$Million)

Table 19 UPR Market Size, By Geography, 2011-2018 (KT)

Table 20 UPR Market Size, By Geography, 2011-2018 (\$Million)

Table 21 North America: UPR Market Size, By Country, 2011-2018 (KT)

Table 22 North America: UPR Market Size, By Country, 2011-2018 (\$Million)

Table 23 Europe: UPR Market Size, By Country, 2011-2018 (KT)

Table 24 Europe: UPR Market Size, By Country, 2011-2018 (\$Million)

Table 25 Asia-Pacific: UPR Market Size, By Country, 2011-2018 (KT)

Table 26 Asia-Pacific: UPR Market Size, By Country, 2011-2018 (\$Million)

Table 27 ROW: UPR Market Size, By Country, 2011-2018 (KT)

Table 28 ROW: UPR Market Size, By Country, 2011-2018 (\$Million)

Table 29 Alkyd Resins Market Size, By Geography, 2011-2018 (KT)

Table 30 Alkyd Resins Market Size, By Geography, 2011-2018 (\$Million)

Table 31 North America: Alkyd Resins Market Size, By Country, 2011-2018 (KT)

Table 32 North America: Alkyd Resins Market Size, By Country, 2011-2018 (\$Million)

Table 33 Europe: Alkyd Resins Market Size, By Country, 2011-2018 (KT)



- Table 34 Europe: Alkyd Resins Market Size, By Country, 2011-2018 (\$Million)
- Table 35 Asia-Pacific: Alkyd Resins Market Size, By Country, 2011-2018 (KT)
- Table 36 Asia-Pacific: Alkyd Resins Market Size, By Country, 2011-2018 (\$Million)
- Table 37 ROW: Alkyd Resins Market Size, By Country, 2011-2018 (KT)
- Table 38 ROW: Alkyd Resins Market Size, By Country, 2011-2018 (\$Million)
- Table 39 Phthalic Anhydride Market Size, By Geography, 2011-2018 (KT)
- Table 40 Phthalic Anhydride Market Size, By Geography, 2011-2018 (\$Million)
- Table 41 North America: Phthalic Anhydride Market Size, By Country, 2011-2018 (KT)
- Table 42 North America: Phthalic Anhydride Market Size, By Country, 2011-2018 (\$Million)
- Table 43 U.S.: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 44 U.S.: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 45 Mexico: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 46 Mexico: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 47 Canada: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 48 Canada: Phthalic Anhydride Market Size, By Applications, 2011-2018 (\$Million)
- Table 49 Europe: Phthalic Anhydride Market Size, By Country, 2011-2018 (KT)
- Table 50 Europe: Phthalic Anhydride Market Size, By Country, 2011-2018 (\$Million)
- Table 51 Germany: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 52 Germany: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 53 The Netherlands: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 54 The Netherlands: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 55 Italy: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 56 Italy: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 57 France: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 58 France: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 59 Turkey: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 60 Turkey: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 61 Poland: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 62 Poland: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 63 U.K.: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)
- Table 64 U.K.: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)
- Table 65 Asia-Pacific: Phthalic Anhydride Market Size, By Country, 2011-2018 (KT)
- Table 66 Asia-Pacific: Phthalic Anhydride Market Size, By Country, 2011-2018 (\$Million)



Table 67 China: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 68 China: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 69 India: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 70 India: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 71 South Korea: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 72 South Korea: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 73 Taiwan: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 74 Taiwan: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 75 Japan: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 76 Japan: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 77 Thailand: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 78 Thailand: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 79 ROW: Phthalic Anhydride Market Size, By Country, 2011-2018 (KT)

Table 80 ROW: Phthalic Anhydride Market Size, By Country, 2011-2018 (\$Million)

Table 81 Russia: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 82 Russia: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 83 Brazil: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 84 Brazil: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)

Table 85 Argentina: Phthalic Anhydride Market Size, By Application, 2011-2018 (KT)

Table 86 Argentina: Phthalic Anhydride Market Size, By Application, 2011-2018 (\$Million)



# **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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