Phosphate Ester Market by Type, by Application and by Region - Global Forecast to 2020

Description: The global phosphate esters market is projected to reach USD 1,018.8 million by 2020, growing at a CAGR of 6.9% between 2015 and 2020. The increasing demand of phosphate esters in applications, such as lubricants, pesticides, surfactants, fire retardants, hydraulic fluids, paints & coatings, and others drives the phosphate esters market. The usage of non-halogenated phosphorous esters and flame retardants are also the driving factors for this market.

Lubricants application segment is the largest application segment

Lubricants and surfactants are two major applications of phosphate esters. The lubricants segment is expected to register the highest CAGR during the forecast period.

Asia-Pacific is the largest geographical segment

Asia-Pacific is the global leader in the consumption of phosphate ester and this dominance is expected to continue till 2020. China, Japan, and India are the key countries in this region, consuming more than 75% of the demand for phosphate ester in Asia-Pacific. The Asia-Pacific market is expected to grow at the highest CAGR from 2015 to 2020 owing to increase in total disposable income and rising number of vehicle production YoY in this region.

Break-up of profile of primary participants for the report:

- By Company Type - Tier 1 - 50 %, Tier 2 - 13% and Tier 3 - 37%
- By Designation - C level - 50%, Director level - 31%, Others - 19%
- By Region - North America - 38%, Europe - 36%, APAC - 25%, RoW - 6%

This study estimates the market value for phosphate esters during the forecast period (2015 to 2020). As a part of quantitative analysis, the study segments the market by the different application of phosphate esters at country level, with the current market estimation and forecast till 2020. Major countries covered in this report include China, Japan, India, Brazil, Germany, France, Italy, Canada, Mexico, and the U.S. Similarly, by application this market is classified into interior application, exterior application, and others.

Further, as a part of qualitative analysis, the research provides a comprehensive review of major market drivers, restraints, opportunities, and challenges. It also discusses competitive strategies adopted by different market players, such Chemtura Corporation (U.S.), LANXESS (Germany), Exxon Mobil Corporation (U.S.), Akzo Nobel N.V. (Netherlands), and Castrol Limited (U.K).

Reasons to buy this report:

This report covers the following key aspects:

- What will be the market size by 2020 and what will be the growth rate
- What are the key market trends
- What is driving this market
- What are the challenges that impact market growth
- Who are the key players in this market
- Global report covers key regions, such as North America, Europe, Asia-Pacific and RoW, with their major countries

Contents:

1  Introduction
1.1  Objectives Of The Study
1.2  Market Introduction
1.3  Market Segmentation & Aspects Covered
   1.3.1  Years Considered In Report
1.3.2 Currency & Pricing
1.3.3 Limitations
1.3.4 Stakeholders
1.4 Analyst Insights
2 Research Methodology
2.1 Introduction
2.2 Market Size
2.3 Key Data From Secondary Sources
2.4 Key Data From Primary Sources
2.5 Market Approach
2.5.1 Top Down Approach
2.5.2 Bottom Up Approach
2.6 Data Triangulation
2.7 Assumptions
2.8 Key Industry Insights
3 Executive Summary
3.1 Industry Snapshot
3.2 Current Market
3.3 Regional Market
4 Premium Insights
4.1 Attractive Market Opportunities
4.2 Asia-Pacific Phosphate Ester Market (2014)
4.3 Global Phosphate Esters Application Market, By Region
4.4 Top Five Countries In The Asia-Pacific Phosphate Esters Market
4.5 Lifecycle Analysis By Region
5 Market Overview
5.1 Introduction
5.2 Production Method For Phosphate Esters
5.3 Properties Of Phosphate Esters
5.4 Regulations
5.5 Market Dynamics Drivers
5.6 Market Dynamics - Inhibitors
5.7 Market Dynamics - Opportunities
5.8 Market Dynamics - Threats
6 Industry Trends
6.1 Value Chain Analysis
6.2 Porter'S Five Forces Analysis
7 Phosphate Esters Market, By Type
7.1 Introduction
7.2 North America Phosphate Esters Market, By Type, 2013-2020 (Kt)
7.3 North America Phosphate Esters Market, By Type, 2013-2020 (USD Million)
7.4 Asia-Pacific Phosphate Esters Market, By Type, 2013-2020 (Kt)
7.5 Asia-Pacific Phosphate Esters Market, By Type, 2013-2020 (USD Million)
7.6 Europe Phosphate Esters Market, By Type, 2013-2020 (Kt)
7.7 Europe Phosphate Esters Market, By Type, 2013-2020 (USD Million)
7.8 Row Phosphate Esters Market, By Type, 2013-2020 (Kt)
7.9 Row Phosphate Esters Market, By Type, 2013-2020 (USD Million)
8 Phosphate Esters Market, By Application
8.1 Introduction
8.2 Global Phosphate Esters Market, By Application
8.3 Global Phosphate Esters Market In Lubricants, By Region
8.4 Global Phosphate Esters Market In Surfactants, By Region
8.5 Global Phosphate Esters Market In Fire Retardants, By Region
8.6 Global Phosphate Esters Market In Paints & Coatings, By Region
8.7 Global Phosphate Esters Market In Hydraulic Fluids, By Region
8.8 Global Phosphate Esters Market In Plasticizers, By Region
8.9 Global Phosphate Esters Market In Pesticides, By Region
9 Phosphate Esters Market, By Region
9.1 Asia-Pacific Phosphate Esters Market Analysis
9.1.1 Asia-Pacific Phosphate Esters Market, By Country (Kt)
9.1.2 Asia-Pacific Phosphate Esters Market, By Application
9.2 China Phosphate Esters Market, By Application
9.2.2 Japan Phosphate Esters Market, By Application
9.2.3 South Korea Phosphate Esters Market, By Application
9.2.4 India Phosphate Esters Market, By Application
9.3 North America Phosphate Esters Market Analysis
9.3.1 North America Phosphate Esters Market, By Country
9.3.2 North America Phosphate Esters Market, By Application
9.3.4 U.S. Phosphate Esters Market, By Application
9.3.5 Canada Phosphate Esters Market, By Application
9.3.6 Mexico Phosphate Esters Market, By Application
9.4 Europe Phosphate Esters Market Analysis
9.4.1 Europe Phosphate Esters Market, By Country
9.4.2 Europe Phosphate Esters Market, By Application
9.4.3 Germany Phosphate Esters Market, By Application
9.4.4 France Phosphate Esters Market, By Application
9.4.5 U.K. Phosphate Esters Market, By Application
9.4.6 Italy Phosphate Esters Market, By Application
9.4.7 Spain Phosphate Esters Market, By Application
9.4.8 Rest Of Europe Phosphate Esters Market By Application
9.5 Row Phosphate Esters Market, By Application
10 Competitive Landscape
10.1 Introduction
10.2 Key Players With Market Presence
10.3 Competitive Scenario
10.4 Recent Developments
10.4.1 Expansions
10.4.1.1 Expansions (2010-2015)
10.4.2 Agreements
10.4.2.1 Agreements (2011-2015)
10.4.3 Investments
10.4.3.1 Investments (2011-2015)
10.4.4 New Product Launches
10.4.4.1 New Product Launches (2011-2015)
10.4.5 Other Developments
10.4.5.1 Other Developments (2011-2015)
11 Company Profiles
(Overview, Financial*, Products & Services, Strategy, And Developments)
11.1 Chemtura Corporation
11.2 Lanxess
11.3 Akzo Nobel N.V.
11.4 Rhodia (Subsidiary Of Solvay)
11.5 Exxon Mobil Corporation
11.6 Castrol Limited
11.7 Elementis PLC
11.8 The Dow Chemical Company
11.9 Solutia Inc. (Subsidiary Of Eastman Chemical Company)
11.10 Israel Chemicals Ltd.
11.11 Valtris Specialty Chemicals
11.12 Ashland Inc.
11.13 Stepan Company
11.14 Albemarle Corporation
11.15 Byk Additives & Instruments
*Details Might Not Be Captured In Case Of Unlisted Companies
12 Phosphate Ester - Product List Application Wise

List of Tables

Table 1  North America Phosphate Esters Market, By Type, 2013-2020 (Kt)
Table 2  North America Phosphate Esters Market, By Type, 2013-2020 (USD Million)
Table 3  Asia-Pacific Phosphate Esters Market, By Type, 2013-2020 (Kt)
Table 4  Asia-Pacific Phosphate Esters Market, By Type, 2013-2020 (USD Million)
Table 5  Europe Phosphate Esters Market, By Type, 2013-2020 (Kt)
Table 6  Europe Phosphate Esters Market, By Type, 2013-2020 (USD Million)
Table 7  Row Phosphate Esters Market, By Type, 2013-2020 (Kt)
Table 8  Row Phosphate Esters Market, By Type, 2013-2020 (USD Million)
### Table 9: Global Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 10: Global Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 11: Global Phosphate Esters Market In Lubricants, By Region, 2013-2020 (USD Million)

### Table 12: Global Phosphate Esters Market In Lubricants, By Region, 2013-2020 (Kt)

### Table 13: Global Phosphate Esters Market In Surfactants, By Region, 2013-2020 (USD Million)

### Table 14: Global Phosphate Esters Market In Surfactants, By Region, 2013-2020 (Kt)

### Table 15: Global Phosphate Esters Market In Fire Retardants, By Region, 2013-2020 (USD Million)

### Table 16: Global Phosphate Esters Market In Fire Retardants, By Region, 2013-2020 (Kt)

### Table 17: Global Phosphate Esters Market In Paints & Coatings, By Region, 2013-2020 (USD Million)

### Table 18: Global Phosphate Esters Market In Paints & Coatings, By Region, 2013-2020 (Kt)

### Table 19: Global Phosphate Esters Market In Hydraulic Fluids, By Region, 2013-2020 (USD Million)

### Table 20: Global Phosphate Esters Market In Hydraulic Fluids, By Region, 2013-2020 (Kt)

### Table 21: Global Phosphate Esters Market In Plasticizers, By Region, 2013-2020 (USD Million)

### Table 22: Global Phosphate Esters Market In Plasticizers, By Region, 2013-2020 (Kt)

### Table 23: Global Phosphate Esters Market, By Region, 2013-2020 (USD Million)

### Table 24: Global Phosphate Esters Market, By Region, 2013-2020 (Kt)

### Table 25: Asia-Pacific Phosphate Esters Market, By Country, 2013-2020 (Kt)

### Table 26: Asia-Pacific Phosphate Esters Market, By Country, 2013-2020 (USD Million)

### Table 27: Asia-Pacific Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 28: Asia-Pacific Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 29: China Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 30: China Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 31: Japan Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 32: Japan Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 33: South Korea Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 34: South Korea Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 35: India Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 36: India Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 37: North America Phosphate Esters Market, By Country, 2013-2020 (Kt)

### Table 38: North America Phosphate Esters Market, By Country, 2013-2020 (USD Million)

### Table 39: North America Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 40: North America Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 41: U.S. Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 42: U.S. Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 43: Canada Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 44: Canada Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 45: Mexico Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 46: Mexico Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 47: Europe Phosphate Esters Market, By Country, 2013-2020 (Kt)

### Table 48: Europe Phosphate Esters Market, By Country, 2013-2020 (USD Million)

### Table 49: Europe Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 50: Europe Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 51: Germany Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 52: Germany Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 53: France Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 54: France Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 55: U.K. Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 56: U.K. Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 57: Italy Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 58: Italy Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 59: Spain Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 60: Spain Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 61: Rest Of Europe Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 62: Rest Of Europe Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### Table 63: Row Phosphate Esters Market, By Application, 2013-2020 (Kt)

### Table 64: Row Phosphate Esters Market, By Application, 2013-2020 (USD Million)

### List of Figures

- Figure 1: Global Phosphate Esters Market - Segmentation & Coverage
- Figure 2: Research Methodology
- Figure 3: Global Phosphate Esters Market, 2015 & 2020 (Kt)
- Figure 4: Global Phosphate Esters Market, By Type, 2015 & 2020
Figure 5 North America Phosphate Esters Market, By Type, 2014 (%)
Figure 6 North America Phosphate Esters Market, By Type, 2014 (%)
Figure 7 Asia-Pacific Phosphate Esters Market, By Type, 2014 (%)
Figure 8 Asia-Pacific Phosphate Esters Market, By Type, 2014 (%)
Figure 9 Europe Phosphate Esters Market, By Type, 2014 (%)
Figure 10 Europe Phosphate Esters Market, By Type, 2014 (%)
Figure 11 ROW Phosphate Esters Market, By Type, 2014 (%)
Figure 12 ROW Phosphate Esters Market, By Type, 2014 (%)
Figure 13 Global Phosphate Esters Market, By Application, 2015 & 2020 (Kt)
Figure 14 Global Phosphate Esters Market, By Application, 2015 & 2020 (USD Million)
Figure 15 Global Phosphate Esters Market in Lubricants, By Region, 2014
Figure 16 Global Phosphate Esters Market in Surfactants, By Region, 2014
Figure 17 Global Phosphate Esters Market in Fire Retardants, By Region, 2014
Figure 18 Global Phosphate Esters Market in Paints & Coatings, By Region, 2014
Figure 19 Global Phosphate Esters Market in Hydraulic Fluids, By Region, 2014
Figure 20 Global Phosphate Esters Market in Plasticizers, By Region, 2014
Figure 21 Global Phosphate Esters Market in Pesticides, By Region, 2014
Figure 22 Asia-Pacific Phosphate Esters Market, By Application, 2014
Figure 23 China Phosphate Esters Market, By Application, 2014
Figure 24 Japan Phosphate Esters Market, By Application, 2014
Figure 25 South Korea Phosphate Esters Market, By Application, 2014
Figure 26 India Phosphate Esters Market, By Application, 2014
Figure 27 North America Phosphate Esters Market, By Application, 2014
Figure 28 U.S. Phosphate Esters Market, By Application, 2014
Figure 29 Canada Phosphate Esters Market, By Application, 2014
Figure 30 Mexico Phosphate Esters Market, By Application, 2014
Figure 31 Europe Phosphate Esters Market, By Application, 2014
Figure 32 Germany Phosphate Esters Market, By Application, 2014
Figure 33 France Phosphate Esters Market, By Application, 2014
Figure 34 U.K. Phosphate Esters Market, By Application, 2014
Figure 35 Italy Phosphate Esters Market, By Application, 2014
Figure 36 Spain Phosphate Esters Market, By Application, 2014
Figure 37 Rest Of Europe Phosphate Esters Market, By Application, 2014
Figure 38 ROW Phosphate Esters Market, By Application, 2014
Figure 39 Key Growth Strategies Adopted By The Top Market Players Between 2011 And 2015
Figure 40 Expansions, Agreements, And Investments Have Been The Most Widely Adopted Growth Strategies

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,  
Guinness Centre,  
Taylors Lane,  
Dublin 8,  
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Phosphate Ester Market by Type, by Application and by Region - Global Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3613170/
Office Code: SCH3N6UI

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________________ Last Name: ___________________________________
Email Address: * ___________________________________
Job Title: ___________________________________
Organisation: ___________________________________
Address: ___________________________________
City: ___________________________________
Postal / Zip Code: ___________________________________
Country: ___________________________________
Phone Number: ___________________________________
Fax Number: ___________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World