
Description: The global catalysts in petroleum refining, chemicals, and polymer synthesis market was valued at USD XX.XX in 2015 and is projected to reach USD XX.XX by 2020, at a CAGR of XX.XX% during the forecast period from 2015 to 2020. Asia-Pacific is the largest regional market for catalysts accounting for 33.0% market share in 2013, owing to the fact that the region has 35.0% of the world's petroleum refining and polymer synthesis capacity. The polymer synthesis catalysts segment accounts for 29.0% of the market and is expected to grow at a slightly higher rate.

The global catalysts in petroleum refining, chemicals, and polymer synthesis market has been segmented on the basis of chemical material (metals and organometallic catalysts (inexpensive metals, precious metals, metallic compounds), aluminosilicates (zeolites, molecular sieves), chemical compounds (peroxides, acids, amines, other chemicals), and other catalysts); on the basis of application (petroleum refining catalysts (fluid catalytic cracking, hydrocracking, hydrotreating, alkylation, reforming, isomerisation, gas processing), chemical synthesis catalysts (organic synthesis, oxidation, hydrogenation, dehydrogenation, synthesis gas and syngas processes), and polymerisation catalysts (polyolefins, condensation polymers, thermosetting polymers, additional polymers)); on the basis of geography (North America (USA, Canada, Mexico), Europe (Germany, Russia, France, UK, Italy, Rest of Europe), Asia-Pacific (China, India, Japan, Australia, South Korea, Rest of APAC), and the rest of the world).

Market Dynamics of the Global Catalysts in Petroleum Refining, Chemicals, and Polymer Synthesis Market:

Drivers:

The principal market driver for catalyst industry in Asia-Pacific is the growing per capita income reflected by a higher GDP growth leading to a higher consumption of petroleum products including transport fuel, polymers and other life amenities. The catalyst market in North America, Europe, and Japan is driven by the introduction of government norms and legislations, which call for more investments in catalysts providing the expected pollution standards along with better quality. Worldwide, the hydrotreating catalyst market is boosted by the presence of more stringent vehicle emission standards, which require low sulfur fuel. Additionally, there is also a rise in the demand for high octane fuels and stringent environmental norms against the use of large amounts of sulfur in fuel, thereby, increasing the innovation in the market for more environment-friendly products. The increasing demand for polymers and automobiles and also the imposition of regulations for the development of better standard products is expected to enhance the worldwide demand over the forecast period, although advances will be limited by weak motor vehicle demand in North America, Europe, and Japan.

Restraints:

The high manufacturing costs and the depleting natural resources are expected to restrain the growth of this market. Other factors, such as the fluctuating precious metal prices and the weakening economy in many countries, also weaken the market growth.

The major players present in this market are:

- BASF Corp.
- Catalytic Distillation Technologies Chevron,
- Dupont
- The Dow Chemical Co.
- UOP LLC
- Zeochem LLC

Key Deliverables in the Study:

- Analysis for the global catalysts in petroleum refining, chemicals, and polymer synthesis market, with region specific assessments and competition analysis on a global and regional scale.
- Market definition along with the identification of key drivers and restraints.
- Identification of factors instrumental in changing the market scenarios, rising prospective opportunities, and identification of key companies that can influence this market on a global and regional scale.
- Extensively researched competitive landscape section with profiles of major companies along with their market share.
- Identification and analysis of the macro and micro factors that affect the global catalysts in petroleum refining, chemicals, and polymer synthesis market on both global and regional scale.
- A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information.
- A wide-ranging knowledge and insights about the major players in this industry and the key strategies adopted by them to sustain and grow in the studied market.
- Insights on the major countries/regions in which this industry is blooming and to also identify the regions that are still untapped.

Please note: As this product is updated at the time of order, dispatch will be 72 hours from the date the order and full payment is received.

Contents:

1. Introduction
   1.1 Description
   1.2 Research Methodology
   1.3 Report Outline

2. Executive Summary

3. Market Overview
   3.1 Current Market Scenario
   3.2 Factors Driving the Petrochemical Catalysts Market
      3.2.1 Growing consumption of petroleum products
      3.2.2 Rising demand for maintaining high octane figures
      3.2.3 Environmental regulations
      3.2.4 Shift in production from low sulphur, sweet crude oil to higher sulfur, sour crude oil
      3.2.5 Increasing refinery market output in Africa, the Middle East and Asia Pacific
   3.3 Factors Restraining the Petrochemical Catalysts Market
      3.3.1 High manufacturing costs
      3.3.2 Depleting crude oil reserves
      3.3.3 Weakening global and regional economies
      3.3.4 Fluctuating prices for precious metals
   3.4 Opportunities for the Petrochemical Catalysts Market
      3.4.1 Backward integration
      3.4.2 Research and development to reduce cost and improve quality
   3.5 Porters Five Forces
      3.5.1 Bargaining Power of Suppliers
3.5.2 Bargaining Power of Consumers
3.5.3 Threat of New Entrants
3.5.4 Threat of Substitute Products and Services
3.5.5 Degree of Competition
3.6 Industry Value Chain Analysis

4. Market Segmentation
4.1 By Chemical Material
4.1.1 Metals and Organometallic Catalysts (Market size, Forecast and CAGR)
4.1.1.1 Inexpensive Metals
4.1.1.2 Precious Metals
4.1.1.3 Metallic Compounds
4.1.2 Aluminosilicates (Market size, Forecast and CAGR)
4.1.2.1 Zeolites
4.1.2.2 Molecular Sieves
4.1.3 Chemical Compounds (Market size, Forecast and CAGR)
4.1.3.1 Peroxides
4.1.3.2 Acids
4.1.3.3 Amines
4.1.3.4 Other Chemicals
4.1.4 Other Catalysts (Market size, Forecast and CAGR)
4.2 By Application
4.2.1 Petroleum Refining Catalysts (Market size, Forecast and CAGR)
4.2.1.1 Fluid Catalytic Cracking (FCC)
4.2.1.2 Hydrocracking
4.2.1.3 Hydrotreating
4.2.1.4 Alkylation
4.2.1.5 Reforming
4.2.1.6 Isomerization
4.2.1.7 Gas Processing
4.2.2 Chemical Synthesis Catalysts (Market size, Forecast and CAGR)
4.2.2.1 Organic Synthesis
4.2.2.2 Oxidation
4.2.2.3 Hydrogenation
4.2.2.4 Dehydrogenation
4.2.2.5 Synthesis Gas and Syngas Processes
4.2.3 Polymerization Catalysts (Market size, Forecast and CAGR)
4.2.3.1 Polyolefins
4.2.3.2 Condensation Polymers
4.2.3.3 Thermosetting Polymers
4.2.3.4 Additional Polymers

5. Global Petrochemical Catalysts Market Analysis, by Geography
5.1 North America (Market size, Forecast and CAGR)
5.1.1 Overview
5.1.2 Market Opportunities
5.1.3 Major Countries
5.1.3.1 USA
5.1.3.2 Canada
5.1.3.3 Mexico
5.1.4 Policies and Regulations
5.2 Europe (Market size, Forecast and CAGR)
5.2.1 Overview
5.2.2 Market Opportunities
5.2.3 Major Countries
5.2.3.1 Germany
5.2.3.2 Russia
5.2.3.3 France
5.2.3.4 UK
5.2.3.5 Italy
5.2.3.6 Rest of Europe
5.2.4 Policies and Regulations
5.3 Asia Pacific (Market size, Forecast and CAGR)
5.3.1 Overview
5.3.2 Market Opportunities
5.3.3 Major Countries

5.3.3.1 China
5.3.3.2 India
5.3.3.3 Japan
5.3.3.4 Australia
5.3.3.5 South Korea
5.3.3.6 Rest of Asia Pacific

5.3.4 Policies and Regulations

5.4 Rest of the World (Market size, Forecast and CAGR)

6. Global Policies and Regulations

7. Competitor Analysis

7.1 Market Shares of Leading Global Players

7.2 Strategic Issues

7.3 Future Outlook

8. Company Profiles

8.1 Basf Corp.
8.2 The Dow Chemical Co.
8.3 Exxon Mobil Corporation
8.4 Chevron
8.5 Eastman Chemical Co.
8.6 Cb&I
8.7 Evonik Industries
8.8 Clariant International Ltd.
8.9 Eka Chemicals AB
8.10 Dupont
8.11 UOP LLC
8.12 Zeolyst International
8.13 Zeochem, Llc
8.14 Bayer Technology Services
8.15 Johnson Matthey, Inc.
8.16 Kbr, Inc.
8.17 Nova Chemicals Corp.
8.18 Ineos Technologies
8.19 Wako Chemicals USA, Inc.
8.20 W.R. Grace & Co.
8.21 Catalytic Distillation Technologies
(The list is not exhaustive)

9. Appendix

Ordering:

Order Online - http://www.researchandmarkets.com/reports/3843787/
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.

Web Address: http://www.researchandmarkets.com/reports/3843787/
Office Code: SC2GVJJE

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4250</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 8750</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* 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