Refining Catalyst Market Global Information: By Type (FCC Catalysts, Hydrotreating Catalysts, Hydrocracking Catalysts, Catalytic Reforming Catalysts) Ingredients (Zeolites, Metals, and Chemical Compounds) and Region Forecast Till 2023

Synopsis of refining catalyst

catalyst enhances the rate of chemical reactions and are considered a critical part of a process in terms of cost and time efficiency. Refinery catalyst are used in refineries for the process of converting petroleum refining products from crude to high octanes liquid products such as diesel, kerosene, gasoline, and others. These catalysts are used in various processes such as hydrotreating, hydrocracking, and catalyst reforming among others. The global catalyst refining market is estimated to exhibit a CAGR of over 4% during the forecast, 2018–2023.

The growing demand for cleaner petroleum products is the major factor driving the growth of the global refining catalyst market during the assessment period. Moreover, the growing population across the globe has triggered the need for energy, which is contributing to the growth of the market. Moreover, the growing oil and gas related activities, especially in the emerging Asia Pacific region, is also likely to fuel the demand for refinery catalyst during the forecast period.

On the basis of type, hydrocracking catalyst segment is expected to exhibit the highest growth during the forecast period. The hydrocracking catalysts are used extensively because it does not produce coke as a by-product, which results in the efficient conversion of feedstock. On the basis of the ingredient, the metal segment accounted for the largest share in 2017 and is anticipated to exhibit the same trend during the forecast period. The metals are highly employed in hydrocracking and hydrotreating for the removal of unwanted particles and for reducing emissions of harmful gases. Thereby, the growing demand for less emitting fuel owing to the stringent government regulations is majorly contributing to the growth of the segment.

Global Refining catalyst Share by Ingredients

Regional Analysis

The global refining catalyst market is segmented into five regions: Europe, Latin America, Asia Pacific, North America, and the Middle East & Africa.
Asia Pacific is the largest market and is expected to grow at an expanding CAGR during the assessment period. The presence of the most populated economies has augmented the demand for energy in the region, which is a significant factor driving the demand for refining catalyst in the region. Moreover, the rapid development of polymer manufacturing and refining companies in the region is affecting the market growth positively. Furthermore, the presence of the largest refinery in the region is also projected to drive the demand for refinery catalysts.

The Middle East is expected to grow at a steady CAGR owing to the growing oil and gas exploration activities.

The North American region is another dominant market for refinery catalyst. The recent shale gas boom in the region has boosted the demand for refinery catalyst mainly in the U.S. Moreover, the stringent regulations pertaining to the use of crude emission is significantly the revenue of the refinery catalyst market.

**Segmental Analysis**

The global refining catalyst is segmented into a type, ingredients, and region. On the basis of the type, the market is segregated into Fluid Catalytic Cracking (FCC) Catalysts, hydroprocessing catalysts, catalytic reforming catalysts, and others. On the basis of the ingredients, the market is segregated into zeolites, metals, chemical compounds and others.

**Key Players**

Some of the prominent players operating in the global Refining catalyst are Albemarle Corporation, W. R. Grace & Co., Haldor Topsoe A/S, Honeywell, Uop Llc., Criterion Catalysts & Technologies L.P, Axens Sa, BASF SE, China Petroleum & Chemical Corporation, Clariant International Ltd, and Johnson Matthey Plc among others.

**Geographical Analysis**

The report covers brief analysis of the major geographic regions namely Asia Pacific, Europe, North America, Latin America, and the Middle East & Africa.

**Intended Audience**

- Refining catalyst producers
- Traders and Distributors of Refining catalyst market
- Production process industries
- Potential investors

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**Contents:**

<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Executive Summary</td>
</tr>
<tr>
<td>2 Scope of the Report</td>
</tr>
<tr>
<td>2.1 Market Definition</td>
</tr>
<tr>
<td>2.2 Scope of the Study</td>
</tr>
<tr>
<td>2.2.1 Research Objectives</td>
</tr>
<tr>
<td>2.2.2 Assumptions &amp; Limitations</td>
</tr>
<tr>
<td>2.3 Markets Structure</td>
</tr>
<tr>
<td>3 Market Research Methodology</td>
</tr>
<tr>
<td>3.1 Research Process</td>
</tr>
<tr>
<td>3.2 Secondary Research</td>
</tr>
<tr>
<td>3.3 Primary Research</td>
</tr>
<tr>
<td>3.4 Forecast Model</td>
</tr>
<tr>
<td>4 Market Landscape</td>
</tr>
<tr>
<td>4.1 Five Forces Analysis</td>
</tr>
<tr>
<td>4.1.1 Threat of New Entrants</td>
</tr>
<tr>
<td>4.1.2 Bargaining power of buyers</td>
</tr>
<tr>
<td>4.1.3 Threat of substitutes</td>
</tr>
<tr>
<td>4.1.4 Segment rivalry</td>
</tr>
<tr>
<td>4.2 Value Chain/Supply Chain of Global Refining Catalyst Market</td>
</tr>
<tr>
<td>5 Industry Overview of Global Refining Catalyst Market</td>
</tr>
<tr>
<td>5.1 Introduction</td>
</tr>
<tr>
<td>5.2 Growth Drivers</td>
</tr>
<tr>
<td>5.3 Impact analysis</td>
</tr>
<tr>
<td>5.4 Market Challenges</td>
</tr>
</tbody>
</table>
6 Market Trends
6.1 Introduction
6.2 Growth Trends
6.3 Impact analysis

7. Global Refining Catalyst Market by Type
7.1 Introduction
7.2 Fluid Catalytic Cracking Catalyst
7.2.1 Market Estimates & Forecast, 2016-2023
7.2.2 Market Estimates & Forecast by Region, 2016-2023
7.3 Hydroprocessing Catalysts
7.3.1 Market Estimates & Forecast, 2016-2023
7.3.2 Market Estimates & Forecast by Region, 2016-2023
7.4 Reforming Catalysts
7.4.1 Market Estimates & Forecast, 2016-2023
7.4.2 Market Estimates & Forecast by Region, 2016-2023
7.5 Others
7.5.1 Market Estimates & Forecast, 2016-2023
7.5.2 Market Estimates & Forecast by Region, 2016-2023

8. Global Refining Catalyst Market by Ingredients
8.1 Introduction
8.2 Metal
8.2.1 Market Estimates & Forecast, 2016-2023
8.2.2 Market Estimates & Forecast by Region, 2016-2023
8.3 Zeolites
8.3.1 Market Estimates & Forecast, 2016-2023
8.3.2 Market Estimates & Forecast by Region, 2016-2023
8.4 Chemical Compounds
8.4.1 Market Estimates & Forecast, 2016-2023
8.4.2 Market Estimates & Forecast by Region, 2016-2023
8.5 Others
8.5.1 Market Estimates & Forecast, 2016-2023
8.5.2 Market Estimates & Forecast by Region, 2016-2023

9. Global Refining Catalyst Market by Region
9.1 Introduction
9.2 North America
9.2.1 Market Estimates & Forecast, 2016-2023
9.2.2 Market Estimates & Forecast by Type, 2016-2023
9.2.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.2.4 U.S.
9.2.4.1 Market Estimates & Forecast, 2016-2023
9.2.4.2 Market Estimates & Forecast by Type, 2016-2023
9.2.4.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.2.5 Canada
9.2.5.1 Market Estimates & Forecast, 2016-2023
9.2.5.2 Market Estimates & Forecast by Type, 2016-2023
9.2.5.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3 Europe
9.3.1 Market Estimates & Forecast, 2016-2023
9.3.2 Market Estimates & Forecast by Type, 2016-2023
9.3.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.4 Germany
9.3.4.1 Market Estimates & Forecast, 2016-2023
9.3.4.2 Market Estimates & Forecast by Type, 2016-2023
9.3.4.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.5 France
9.3.5.1 Market Estimates & Forecast, 2016-2023
9.3.5.2 Market Estimates & Forecast by Type, 2016-2023
9.3.5.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.6 Italy
9.3.6.1 Market Estimates & Forecast, 2016-2023
9.3.6.2 Market Estimates & Forecast by Type, 2016-2023
9.3.6.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.7 Spain
9.3.7.1 Market Estimates & Forecast, 2016-2023
9.3.7.2 Market Estimates & Forecast by Type, 2016-2023
9.3.7.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.8 U.K
9.3.8.1 Market Estimates & Forecast, 2016-2023
9.3.8.2 Market Estimates & Forecast by Type, 2016-2023
9.3.8.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.9 Russia
9.3.9.1 Market Estimates & Forecast, 2016-2023
9.3.9.2 Market Estimates & Forecast by Type, 2016-2023
9.3.9.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.3.10 Poland
9.3.10.1 Market Estimates & Forecast, 2016-2023
9.3.10.2 Market Estimates & Forecast by Type, 2016-2023
9.3.10.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.4 Asia Pacific
9.4.1 Market Estimates & Forecast, 2016-2023
9.4.2 Market Estimates & Forecast by Type, 2016-2023
9.4.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.4.4 China
9.4.4.1 Market Estimates & Forecast, 2016-2023
9.4.4.2 Market Estimates & Forecast by Type, 2016-2023
9.4.4.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.4.5 India
9.4.5.1 Market Estimates & Forecast, 2016-2023
9.4.5.2 Market Estimates & Forecast by Type, 2016-2023
9.4.5.3 Market Estimates & Forecast by Ingredients, 2016-2023
9.4.6 Australia
10. Company Landscape

11. Company Profiles

11.1 Albemarle Corporation
11.1.1 Company Overview
11.1.2 Type/Business Segment Overview
11.1.3 Financial Updates
11.1.4 Key Developments

11.2 W. R. Grace & Co
11.2.1 Company Overview
11.2.2 Type/Business Segment Overview
11.2.3 Financial Updates
11.2.4 Key Developments

11.3 Haldor Topsoe A/S
11.3.1 Company Overview
11.3.2 Type/Business Segment Overview
11.3.3 Financial Updates
11.3.4 Key Developments

11.4 Honeywell
11.4.1 Company Overview
11.4.2 Type/Business Segment Overview
11.4.3 Financial Updates
11.4.4 Key Developments

11.5 Uop Llc
11.5.1 Company Overview
11.5.2 Type/Business Segment Overview
11.5.3 Financial Updates
11.5.4 Key Developments

11.6 Axens Sa
11.6.1 Company Overview
11.6.2 Type/Business Segment Overview
11.6.3 Financial Updates
11.6.4 Key Developments

11.7 BASF SE
11.7.1 Company Overview
11.7.2 Type/Business Segment Overview
11.7.3 Financial Updates
11.7.4 Key Developments

11.8 China Petroleum & Chemical Corporation.
11.8.1 Company Overview
11.8.2 Type/Business Segment Overview
11.8.3 Financial Updates
11.8.4 Key Developments
11.9 Clariant International Ltd.
11.9.1 Company Overview
11.9.2 Type/Business Segment Overview
11.9.3 Financial Updates
11.9.4 Key Developments
11.10 Johnson Matthey Plc.
11.10.1 Company Overview
11.10.2 Type/Business Segment Overview
11.10.3 Financial Updates
11.10.4 Key Developments

12. Conclusion

LIST OF TABLES
Table 1 World Population by Major Regions (2016 To 2030)
Table 2 Global Refining Catalyst Market: By Region, 2016-2023
Table 3 North America Refining Catalyst Market: By Country, 2016-2023
Table 4 Europe Refining Catalyst Market: By Country, 2016-2023
Table 5 Asia-Pacific Refining Catalyst Market: By Country, 2016-2023
Table 7 Middle East & Africa Refining Catalyst Market: By Country, 2016-2023
Table 6 Latin America Refining Catalyst Market: By Country, 2016-2023
Table 8 Global Refining Catalyst by Types Market: By Regions, 2016-2023
Table 9 North America Refining Catalyst by Types Market: By Country, 2016-2023
Table 10 Europe Refining Catalyst by Types Market: By Country, 2016-2023
Table 11 Asia-Pacific Refining Catalyst by Types Market: By Country, 2016-2023
Table 12 Middle East & Africa Refining Catalyst by Types Market: By Country, 2016-2023
Table 13 Latin America Refining Catalyst by Types Market: By Country, 2016-2023
Table 14 North America Refining Catalyst for Ingredients Market: By Country, 2016-2023
Table 15 Europe Refining Catalyst for Ingredients Market: By Country, 2016-2023
Table 16 Asia-Pacific Refining Catalyst for Ingredients Market: By Country, 2016-2023
Table 17 Middle East & Africa Refining Catalyst for Ingredients Market: By Country, 2016-2023
Table 18 Latin America Refining Catalyst for Ingredients Market: By Country, 2016-2023
Table 23 Global Types Market: By Region, 2016-2023
Table 24 Global Ingredients Market: By Region, 2016-2023
Table 25 North America Refining Catalyst Market, By Country
Table 26 North America Refining Catalyst Market, By Types
Table 27 North America Refining Catalyst Market, By Ingredients
Table 28 Europe: Refining Catalyst Market, By Country
Table 29 Europe: Refining Catalyst Market, By Types
Table 30 Europe: Refining Catalyst Market, By Ingredients
Table 31 Asia-Pacific: Refining Catalyst Market, By Country
Table 32 Asia-Pacific: Refining Catalyst Market, By Types
Table 33 Asia-Pacific: Refining Catalyst Market, By Ingredients
Table 36 Middle East & Africa: Refining Catalyst Market, By Country
Table 37 Middle East & Africa: Refining Catalyst Market, By Types
Table 33 Middle East & Africa: Refining Catalyst Market, By Ingredients
Table 34 Latin America: Refining Catalyst Market, By Country
Table 35 Latin America Refining Catalyst Market, By Types
Table33 Latin America: Refining Catalyst Market, By Ingredients

LIST OF FIGURES
FIGURE 1 Global Refining Catalyst Market segmentation
FIGURE 2 Forecast Methodology
FIGURE 3 Five Forces Analysis of Global Refining Catalyst Market
FIGURE 4 Value Chain of Global Refining Catalyst Market
FIGURE 5 Share of Global Refining Catalyst Market in 2016, by country (in %)
FIGURE 6 Global Refining Catalyst Market, 2016-2023,
FIGURE 7 Sub segments of Type
FIGURE 8 Global Refining Catalyst Market size by Type, 2016
FIGURE 9 Share of Global Refining Catalyst Market by Type, 2016 to 2023
FIGURE 10 Sub segments of Ingredients
FIGURE 11 Global Refining Catalyst Market size by Ingredients, 2016
FIGURE 12 Share of Global Refining Catalyst Market by Ingredients, 2016 to 2023