

Global Catalysts Market 2023-2029

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Abstracts

Catalysts are substances that increase the rate of a chemical reaction without being consumed in the process. They work by lowering the activation energy required for a reaction to occur, making it easier for the reactants to form products. Catalysts can be used in a wide range of applications, including industrial processes, chemical synthesis, and environmental remediation. According to the latest estimates, the global catalysts market is set to achieve an incremental growth of USD 8.8 billion, accelerating at a CAGR of almost 5.1% during the forecast period 2023-2029. The catalysts market is expected to continue to grow in the coming years, driven by increasing demand for cleaner fuels and petrochemicals, as well as increasing regulations on emissions and pollution. The catalysts market is expected to continue to grow in the coming years, driven by increasing demand for cleaner fuels and petrochemicals, as well as increasing regulations on emissions and pollution.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global catalysts market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product type, and region. The global market for catalysts can be segmented by product type: refinery catalysts (acids, metals, and zeolite), polyolefin catalysts (chromium, peroxide, single site, and Ziegler-Natta), emission control catalysts. Globally, the emission control catalysts segment made up the largest share of the catalysts market. Catalysts market is further segmented by region: North America, Europe, Asia-Pacific, Middle East and Africa, South America. Asia-Pacific captured the largest share of the market in 2022.

The refinery catalysts by application market is further segmented into alkylation, fluid catalytic cracking (FCC) catalysts, hydroprocessing catalysts (HPC), others. The FCC catalysts segment was the largest contributor to the global catalysts market in 2022. Furthermore, the refinery catalysts by material type market has been categorized into acids, metals based catalysts, zeolite-based catalysts. The zeolite-based catalysts segment is estimated to account for the largest share of the global catalysts market. The polyolefin catalysts by application market is further divided into high density polyethylene (HDPE), linear low-density polyethylene (LLDPE), low density polyethylene (LDPE), polypropylene (PP). The LLDPE segment held the largest share of the global catalysts market in 2022 and is anticipated to hold its share during the forecast period. The polyolefin catalysts by product type market is further segmented into chromium-based catalysts, metallocene catalysts, organic peroxides, Ziegler-Natta catalysts. The Ziegler-Natta catalysts segment was the largest contributor to the global catalysts market in 2022. Furthermore, the emission control catalysts market has been categorized into stationary emission control catalysts, automotive emission control catalysts. The automotive emission control catalysts segment is estimated to account for the largest share of the global catalysts market.

Market Segmentation

By product type: refinery catalysts (acids, metals, and zeolite), polyolefin catalysts (chromium, peroxide, single site, and Ziegler-Natta), emission control catalysts

By region: North America, Europe, Asia-Pacific, Middle East and Africa, South America

The report also provides a detailed analysis of several leading catalysts market vendors that include Albemarle Corporation, Arkema S.A., Axens SA, BASF SE, Cataler Corporation, China Petroleum & Chemical Corporation (Sinopec), Clariant AG, Datang Environment Industry Group Co., Ltd., Denox Environmental & Technology Holdings Ltd., Ecovyst Inc., Evonik Industries AG, ExxonMobil Corporation, Heraeus Holding GmbH, Honeywell International, Inc., Johnson Matthey PLC, LyondellBasell Industries N.V., Mitsui Mining & Smelting Co., Ltd., N.E. CHEMCAT Corporation, NIPPON SHOKUBAI CO., LTD., Shell plc, Sino-Platinum Metals Co., Ltd., Topsoe A/S, Umicore N.V., Univation Technologies LLC., W. R. Grace and Company, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global catalysts market.

To classify and forecast the global catalysts market based on product type, region.

To identify drivers and challenges for the global catalysts market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global catalysts market.

To identify and analyze the profile of leading players operating in the global catalysts market.

Why Choose This Report

Gain a reliable outlook of the global catalysts market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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PART 7. KEY COMPANIES

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Cataler Corporation
China Petroleum & Chemical Corporation (Sinopec)
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Datang Environment Industry Group Co., Ltd.
Denox Environmental & Technology Holdings Ltd.
Ecovyst Inc.
Evonik Industries AG
ExxonMobil Corporation
Heraeus Holding GmbH
Honeywell International, Inc.
Johnson Matthey PLC
LyondellBasell Industries N.V.
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Shell plc
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