

# **Global Homogeneous Catalyst Market Size study & Forecast, By Type (Metal Based, Chemical Compound, Others), By Application (Petroleum Refining, Chemical Synthesis, Environmental, Polymer), and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/G99E402D86D5EN.html>

Date: April 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G99E402D86D5EN

## **Abstracts**

Global Homogeneous Catalyst Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Homogeneous catalysis involves reactions where both the catalyst and the reactants exist in the same phase, commonly in a solution. Conversely, heterogeneous catalysis pertains to reactions where the catalysts and substrates occupy distinct phases, often solid-gas interfaces. While homogeneous catalysis typically denotes catalytic processes facilitated by organometallic compounds in solution, heterogeneous catalysis encompasses reactions occurring across different phases. Homogeneous catalysis remains a well-established technique continually evolving in its applications. Notably, the production of acetic acid exemplifies a prominent and impactful application of homogeneous catalysis. The market growth is driven by key factors such as rising demand for environmental catalysts, and increasing utilization of this chemical in a Variety of Industries chemical synthesis, petroleum refining, polymers and petrochemicals, and environmental.

For instance, as per the American Chemistry Council, the chemical trade in the United States experienced a robust expansion of approximately 22.0%, reaching a total of USD 342.0 billion in 2022. Furthermore, the increasing demand for gasoline in the US is expected to bolster the importance of hydrocracking and Fluid Catalytic Cracking (FCC) processes. These activities are crucial for converting heavy crude oil into lighter cuts, consequently exerting a positive influence on the overall catalyst market. However, separating the reaction products stifles market growth throughout the forecast period of

2023-2030.

The key regions considered for the Global Homogeneous Catalyst Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. In 2022, Asia Pacific emerged as the dominant force in the market, boasting a revenue share of XX%. This dominance can be attributed to the burgeoning industrial activities within the region. countries such as China and India continue to expand their chemical, pharmaceutical, and petrochemical sectors, there arises an increasing demand for catalysts capable of expediting chemical reactions and enhancing process efficiency. Notably, homogeneous catalysts are recognized for their superior performance in industrial and raw material reactions compared to heterogeneous catalysts. Conversely, North America is poised to witness fastest growing over the forecast period. The region is expected to experience significant demand for catalysts, driven by the robust expansion of the chemical and polymer industries.

Major market player included in this report are:

Zeolyst International

BASF SE

Evonik Industries AG

LyondellBasell Industries Holdings B.V.

W. R. Grace & Co.-Conn.

Johnson Matthey

Axens Group

Clariant

Umicore N.V

Synthesis with Catalysts Pvt. Ltd

Recent Developments in the Market:

In January 2023, Evonik merged its alkoxides business with its catalysts business line, effectively integrating resources. This consolidation has led to the enhancement of the catalysts business line, now offering a broader selection of homogeneous catalysts in addition to its existing diverse range of heterogeneous catalysts.

In June 2022, BASF unveiled plans for a substantial battery recycling facility in Schwarzheide, Germany, signaling a significant step in the expansion of battery recycling endeavors. Situated in Central Europe, Schwarzheide offers an ideal location due to the concentration of electric vehicle (EV) manufacturers and cell producers in the region. Set to commence operations in early 2024, this investment will generate approximately 30 new production roles.

#### Global Homogeneous Catalyst Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By Type:

Metal based

Chemical Compound

Other Types

#### By Application:

Petroleum Refining

Chemical Synthesis

Polymer

Environmental

#### By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Homogeneous Catalyst Market, by Regionregion, 2020-2030 (USD Billion)
  - 1.2.2. Homogeneous Catalyst Market, by Type, 2020-2030 (USD Billion)
  - 1.2.3. Homogeneous Catalyst Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL HOMOGENEOUS CATALYST MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL HOMOGENEOUS CATALYST MARKET DYNAMICS

- 3.1. Homogeneous Catalyst Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising demand for environmental catalysts
    - 3.1.1.2. Increasing Utilization in a Variety of Industries chemical synthesis, petroleum refining, polymers and petrochemicals, and environmental
  - 3.1.2. Market Challenges
    - 3.1.2.1. Separating the reaction products
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing popularity of organometallic compounds for the production of polyethylene and polypropylene

### CHAPTER 4. GLOBAL HOMOGENEOUS CATALYST MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL HOMOGENEOUS CATALYST MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Homogeneous Catalyst Market by Type, Performance - Potential Analysis
- 5.3. Global Homogeneous Catalyst Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Homogeneous Catalyst Market, Sub Segment Analysis
  - 5.4.1. Metal based
  - 5.4.2. Chemical Compound
  - 5.4.3. Other Types

## **CHAPTER 6. GLOBAL HOMOGENEOUS CATALYST MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Homogeneous Catalyst Market by Application, Performance - Potential Analysis
- 6.3. Global Homogeneous Catalyst Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

#### 6.4. Homogeneous Catalyst Market, Sub Segment Analysis

- 6.4.1. Petroleum Refining
- 6.4.2. Chemical Synthesis
- 6.4.3. Polymer
- 6.4.4. Environmental

### **CHAPTER 7. GLOBAL HOMOGENEOUS CATALYST MARKET, REGIONAL ANALYSIS**

- 7.1. Top Leading Countries
- 7.2. Top Emerging Countries
- 7.3. Homogeneous Catalyst Market, Regional Market Snapshot
- 7.4. North America Homogeneous Catalyst Market
  - 7.4.1. U.S. Homogeneous Catalyst Market
    - 7.4.1.1. Type breakdown estimates & forecasts, 2020-2030
    - 7.4.1.2. Application breakdown estimates & forecasts, 2020-2030
  - 7.4.2. Canada Homogeneous Catalyst Market
- 7.5. Europe Homogeneous Catalyst Market Snapshot
  - 7.5.1. U.K. Homogeneous Catalyst Market
  - 7.5.2. Germany Homogeneous Catalyst Market
  - 7.5.3. France Homogeneous Catalyst Market
  - 7.5.4. Spain Homogeneous Catalyst Market
  - 7.5.5. Italy Homogeneous Catalyst Market
  - 7.5.6. Rest of Europe Homogeneous Catalyst Market
- 7.6. Asia-Pacific Homogeneous Catalyst Market Snapshot
  - 7.6.1. China Homogeneous Catalyst Market
  - 7.6.2. India Homogeneous Catalyst Market
  - 7.6.3. Japan Homogeneous Catalyst Market
  - 7.6.4. Australia Homogeneous Catalyst Market
  - 7.6.5. South Korea Homogeneous Catalyst Market
  - 7.6.6. Rest of Asia Pacific Homogeneous Catalyst Market
- 7.7. Latin America Homogeneous Catalyst Market Snapshot
  - 7.7.1. Brazil Homogeneous Catalyst Market
  - 7.7.2. Mexico Homogeneous Catalyst Market
- 7.8. Middle East & Africa Homogeneous Catalyst Market
  - 7.8.1. Saudi Arabia Homogeneous Catalyst Market
  - 7.8.2. South Africa Homogeneous Catalyst Market
  - 7.8.3. Rest of Middle East & Africa Homogeneous Catalyst Market



## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

### **8.1. Key Company SWOT Analysis**

8.1.1. Company

8.1.2. Company

8.1.3. Company

### **8.2. Top Market Strategies**

### **8.3. Company Profiles**

8.3.1. Zeolyst International

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Recent Developments

8.3.2. BASF SE

8.3.3. Evonik Industries AG

8.3.4. LyondellBasell Industries Holdings B.V.

8.3.5. W. R. Grace & Co.-Conn.

8.3.6. Johnson Matthey

8.3.7. Axens Group

8.3.8. Clariant

8.3.9. Umicore N.V.

8.3.10. Synthesis with Catalysts Pvt. Ltd

## **CHAPTER 9. RESEARCH PROCESS**

### **9.1. Research Process**

9.1.1. Data Minin

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

### **9.2. Research Attributes**

### **9.3. Research Assumption**

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Homogeneous Catalyst Market, report scope

TABLE 2. Global Homogeneous Catalyst Market estimates & forecasts by Regionregion  
2020-2030 (USD Billion)

TABLE 3. Global Homogeneous Catalyst Market estimates & forecasts by Type  
2020-2030 (USD Billion)

TABLE 4. Global Homogeneous Catalyst Market estimates & forecasts by Application  
2020Application 2020-2030 (USD Billion)

TABLE 5. Global Homogeneous Catalyst Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 6. Global Homogeneous Catalyst Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 7. Global Homogeneous Catalyst Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 8. Global Homogeneous Catalyst Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 9. Global Homogeneous Catalyst Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 10. Global Homogeneous Catalyst Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 11. Global Homogeneous Catalyst Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 12. Global Homogeneous Catalyst Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 13. Global Homogeneous Catalyst Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 14. Global Homogeneous Catalyst Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 15. U.S. Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD  
Billion)

TABLE 16. U.S. Homogeneous Catalyst Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 17. U.S. Homogeneous Catalyst Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 18. Canada Homogeneous Catalyst Market estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 19. Canada Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Homogeneous Catalyst Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Homogeneous Catalyst Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Homogeneous Catalyst Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Homogeneous Catalyst Market

TABLE 70. List of primary sources, used in the study of global Homogeneous Catalyst Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Homogeneous Catalyst Market, research methodology
  - FIG 2. Global Homogeneous Catalyst Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Homogeneous Catalyst Market, key trends 2022
  - FIG 5. Global Homogeneous Catalyst Market, growth prospects 2023-2030
  - FIG 6. Global Homogeneous Catalyst Market, porters 5 force model
  - FIG 7. Global Homogeneous Catalyst Market, pest analysis
  - FIG 8. Global Homogeneous Catalyst Market, value chain analysis
  - FIG 9. Global Homogeneous Catalyst Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Homogeneous Catalyst Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Homogeneous Catalyst Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Homogeneous Catalyst Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Homogeneous Catalyst Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Homogeneous Catalyst Market, regional snapshot 2020 & 2030
  - FIG 15. North America Homogeneous Catalyst Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Homogeneous Catalyst Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Homogeneous Catalyst Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Homogeneous Catalyst Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Homogeneous Catalyst Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Homogeneous Catalyst Market Size study & Forecast, By Type (Metal Based, Chemical Compound, Others), By Application (Petroleum Refining, Chemical Synthesis, Environmental, Polymer), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G99E402D86D5EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G99E402D86D5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970