

# Polycaprolactone Diol Industry Research Report 2023

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## Abstracts

Polycaprolactone diol (PCL-diol), along with polytetrahydrofuran diol (PTHF-diol) and ceric ammonium nitrate may be used to polymerize methyl methacrylate (MMA). The product may be used to prepare biocompatible poly(ester urethane)urea (PEUU) and as a precursor for polyurethane (PU) thermoplastic polymer. Double functional caprolactone is the most common product type, which have molar mass in the range from 400 to 4000 g/mole; and acid number is about 0,25 mg KOH/g.

## Highlights

The global Polycaprolactone Diol market is projected to reach US\$ million by 2028 from an estimated US\$ million in 2022, at a CAGR of % during 2024 and 2029.

At present, the major manufacturers of polycaprolactone are concentrated in Europe, USA and Japan. Only three companies produce the polycaprolactone globally: BASF in the USA, Daicel in Japan and Ingevity in the UK. Ingevity is the biggest manufacturer of the world which holds nearly 64%, then followed by Daicel with 18% and BASF with 11%.

Asia Pacific is the world's major consumer regions with nearly 38% market share, and it is still increasing.

Resins & Coatings are the mainly application of the Polycaprolactone Diol, which has about 40% of the market share.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Polycaprolactone Diol, with both quantitative and qualitative analysis, to help readers

develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Polycaprolactone Diol.

The Polycaprolactone Diol market size, estimations, and forecasts are provided in terms of output/shipments (MT) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Polycaprolactone Diol market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Polycaprolactone Diol manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Ingevity

Daicel

BASF

Juren

Global Other

## Product Type Insights

Global markets are presented by Polycaprolactone Diol type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Polycaprolactone Diol are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

## Polycaprolactone Diol segment by Type

400-1000 Molecular Weight

1000-3000 Molecular Weight

Above 3000 Molecular Weight

## Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Polycaprolactone Diol market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Polycaprolactone Diol market.

## Polycaprolactone Diol segment by Application

Resins & Coatings

Elastomers

Adhesives

Medical Devices

Others

## Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to

business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Polycaprolactone Diol market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

## Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Polycaprolactone Diol market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Polycaprolactone Diol and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Polycaprolactone Diol industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Polycaprolactone Diol.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Polycaprolactone Diol manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Polycaprolactone Diol by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Polycaprolactone Diol in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find

the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

### Frequently Asked Questions

Which product segment grabbed the largest share in the Product Name market?

How is the competitive scenario of the Product Name market?

Which are the key factors aiding the Product Name market growth?

Which are the prominent players in the Product Name market?

Which region holds the maximum share in the Product Name market?

What will be the CAGR of the Product Name market during the forecast period?

Which application segment emerged as the leading segment in the Product Name market?

What key trends are likely to emerge in the Product Name market in the coming years?

What will be the Product Name market size by 2028?

Which company held the largest share in the Product Name market?



## Contents

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Polycaprolactone Diol Production by Manufacturers (MT) & (2018-2023)

Table 6. Global Polycaprolactone Diol Production Market Share by Manufacturers

Table 7. Global Polycaprolactone Diol Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Polycaprolactone Diol Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Polycaprolactone Diol Average Price (USD/MT) of Key Manufacturers (2018-2023)

Table 10. Global Polycaprolactone Diol Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Polycaprolactone Diol Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Polycaprolactone Diol by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Ingevity Polycaprolactone Diol Company Information

Table 16. Ingevity Business Overview

Table 17. Ingevity Polycaprolactone Diol Production Capacity (MT), Value (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 18. Ingevity Product Portfolio

Table 19. Ingevity Recent Developments

Table 20. Daicel Polycaprolactone Diol Company Information

Table 21. Daicel Business Overview

Table 22. Daicel Polycaprolactone Diol Production Capacity (MT), Value (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 23. Daicel Product Portfolio

Table 24. Daicel Recent Developments

Table 25. BASF Polycaprolactone Diol Company Information

Table 26. BASF Business Overview

Table 27. BASF Polycaprolactone Diol Production Capacity (MT), Value (US\$ Million),

Price (USD/MT) and Gross Margin (2018-2023)

Table 28. BASF Product Portfolio

Table 29. BASF Recent Developments

Table 30. Juren Polycaprolactone Diol Company Information

Table 31. Juren Business Overview

Table 32. Juren Polycaprolactone Diol Production Capacity (MT), Value (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 33. Juren Product Portfolio

Table 34. Juren Recent Developments

Table 35. Global Other Polycaprolactone Diol Company Information

Table 36. Global Other Business Overview

Table 37. Global Other Polycaprolactone Diol Production Capacity (MT), Value (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 38. Global Other Product Portfolio

Table 39. Global Other Recent Developments

Table 40. Global Polycaprolactone Diol Production Comparison by Region: 2018 VS 2022 VS 2029 (MT)

Table 41. Global Polycaprolactone Diol Production by Region (2018-2023) & (MT)

Table 42. Global Polycaprolactone Diol Production Market Share by Region (2018-2023)

Table 43. Global Polycaprolactone Diol Production Forecast by Region (2024-2029) & (MT)

Table 44. Global Polycaprolactone Diol Production Market Share Forecast by Region (2024-2029)

Table 45. Global Polycaprolactone Diol Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 46. Global Polycaprolactone Diol Production Value by Region (2018-2023) & (US\$ Million)

Table 47. Global Polycaprolactone Diol Production Value Market Share by Region (2018-2023)

Table 48. Global Polycaprolactone Diol Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 49. Global Polycaprolactone Diol Production Value Market Share Forecast by Region (2024-2029)

Table 50. Global Polycaprolactone Diol Market Average Price (USD/MT) by Region (2018-2023)

Table 51. Global Polycaprolactone Diol Consumption Comparison by Region: 2018 VS 2022 VS 2029 (MT)

Table 52. Global Polycaprolactone Diol Consumption by Region (2018-2023) & (MT)

Table 53. Global Polycaprolactone Diol Consumption Market Share by Region (2018-2023)

Table 54. Global Polycaprolactone Diol Forecasted Consumption by Region (2024-2029) & (MT)

Table 55. Global Polycaprolactone Diol Forecasted Consumption Market Share by Region (2024-2029)

Table 56. North America Polycaprolactone Diol Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 57. North America Polycaprolactone Diol Consumption by Country (2018-2023) & (MT)

Table 58. North America Polycaprolactone Diol Consumption by Country (2024-2029) & (MT)

Table 59. Europe Polycaprolactone Diol Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 60. Europe Polycaprolactone Diol Consumption by Country (2018-2023) & (MT)

Table 61. Europe Polycaprolactone Diol Consumption by Country (2024-2029) & (MT)

Table 62. Asia Pacific Polycaprolactone Diol Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 63. Asia Pacific Polycaprolactone Diol Consumption by Country (2018-2023) & (MT)

Table 64. Asia Pacific Polycaprolactone Diol Consumption by Country (2024-2029) & (MT)

Table 65. Latin America, Middle East & Africa Polycaprolactone Diol Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 66. Latin America, Middle East & Africa Polycaprolactone Diol Consumption by Country (2018-2023) & (MT)

Table 67. Latin America, Middle East & Africa Polycaprolactone Diol Consumption by Country (2024-2029) & (MT)

Table 68. Global Polycaprolactone Diol Production by Type (2018-2023) & (MT)

Table 69. Global Polycaprolactone Diol Production by Type (2024-2029) & (MT)

Table 70. Global Polycaprolactone Diol Production Market Share by Type (2018-2023)

Table 71. Global Polycaprolactone Diol Production Market Share by Type (2024-2029)

Table 72. Global Polycaprolactone Diol Production Value by Type (2018-2023) & (US\$ Million)

Table 73. Global Polycaprolactone Diol Production Value by Type (2024-2029) & (US\$ Million)

Table 74. Global Polycaprolactone Diol Production Value Market Share by Type (2018-2023)

Table 75. Global Polycaprolactone Diol Production Value Market Share by Type

(2024-2029)

Table 76. Global Polycaprolactone Diol Price by Type (2018-2023) & (USD/MT)

Table 77. Global Polycaprolactone Diol Price by Type (2024-2029) & (USD/MT)

Table 78. Global Polycaprolactone Diol Production by Application (2018-2023) & (MT)

Table 79. Global Polycaprolactone Diol Production by Application (2024-2029) & (MT)

Table 80. Global Polycaprolactone Diol Production Market Share by Application (2018-2023)

Table 81. Global Polycaprolactone Diol Production Market Share by Application (2024-2029)

Table 82. Global Polycaprolactone Diol Production Value by Application (2018-2023) & (US\$ Million)

Table 83. Global Polycaprolactone Diol Production Value by Application (2024-2029) & (US\$ Million)

Table 84. Global Polycaprolactone Diol Production Value Market Share by Application (2018-2023)

Table 85. Global Polycaprolactone Diol Production Value Market Share by Application (2024-2029)

Table 86. Global Polycaprolactone Diol Price by Application (2018-2023) & (USD/MT)

Table 87. Global Polycaprolactone Diol Price by Application (2024-2029) & (USD/MT)

Table 88. Key Raw Materials

Table 89. Raw Materials Key Suppliers

Table 90. Polycaprolactone Diol Distributors List

Table 91. Polycaprolactone Diol Customers List

Table 92. Polycaprolactone Diol Industry Trends

Table 93. Polycaprolactone Diol Industry Drivers

Table 94. Polycaprolactone Diol Industry Restraints

Table 95. Authors 12. List of This Report

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Polycaprolactone Diol Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. 400-1000 Molecular Weight Product Picture

Figure 7. 1000-3000 Molecular Weight Product Picture

Figure 8. Above 3000 Molecular Weight Product Picture

Figure 9. Resins & Coatings Product Picture

Figure 10. Elastomers Product Picture

Figure 11. Adhesives Product Picture

Figure 12. Medical Devices Product Picture

Figure 13. Others Product Picture

Figure 14. Global Polycaprolactone Diol Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 15. Global Polycaprolactone Diol Production Value (2018-2029) & (US\$ Million)

Figure 16. Global Polycaprolactone Diol Production Capacity (2018-2029) & (MT)

Figure 17. Global Polycaprolactone Diol Production (2018-2029) & (MT)

Figure 18. Global Polycaprolactone Diol Average Price (USD/MT) & (2018-2029)

Figure 19. Global Polycaprolactone Diol Key Manufacturers, Manufacturing Sites & Headquarters

Figure 20. Global Polycaprolactone Diol Manufacturers, Date of Enter into This Industry

Figure 21. Global Top 5 and 10 Polycaprolactone Diol Players Market Share by Production Value in 2022

Figure 22. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 23. Global Polycaprolactone Diol Production Comparison by Region: 2018 VS 2022 VS 2029 (MT)

Figure 24. Global Polycaprolactone Diol Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. Global Polycaprolactone Diol Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 26. Global Polycaprolactone Diol Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 27. North America Polycaprolactone Diol Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Europe Polycaprolactone Diol Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. China Polycaprolactone Diol Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. Japan Polycaprolactone Diol Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 31. Global Polycaprolactone Diol Consumption Comparison by Region: 2018 VS 2022 VS 2029 (MT)

Figure 32. Global Polycaprolactone Diol Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 33. North America Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 34. North America Polycaprolactone Diol Consumption Market Share by Country (2018-2029)

Figure 35. United States Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 36. Canada Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 37. Europe Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 38. Europe Polycaprolactone Diol Consumption Market Share by Country (2018-2029)

Figure 39. Germany Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 40. France Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 41. U.K. Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 42. Italy Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 43. Netherlands Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 44. Asia Pacific Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 45. Asia Pacific Polycaprolactone Diol Consumption Market Share by Country (2018-2029)

Figure 46. China Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 47. Japan Polycaprolactone Diol Consumption and Growth Rate (2018-2029) &



(MT)

Figure 48. South Korea Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 49. China Taiwan Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 50. Southeast Asia Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 51. India Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 52. Australia Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 53. Latin America, Middle East & Africa Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 54. Latin America, Middle East & Africa Polycaprolactone Diol Consumption Market Share by Country (2018-2029)

Figure 55. Mexico Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 56. Brazil Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 57. Turkey Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 58. GCC Countries Polycaprolactone Diol Consumption and Growth Rate (2018-2029) & (MT)

Figure 59. Global Polycaprolactone Diol Production Market Share by Type (2018-2029)

Figure 60. Global Polycaprolactone Diol Production Value Market Share by Type (2018-2029)

Figure 61. Global Polycaprolactone Diol Price (USD/MT) by Type (2018-2029)

Figure 62. Global Polycaprolactone Diol Production Market Share by Application (2018-2029)

Figure 63. Global Polycaprolactone Diol Production Value Market Share by Application (2018-2029)

Figure 64. Global Polycaprolactone Diol Price (USD/MT) by Application (2018-2029)

Figure 65. Polycaprolactone Diol Value Chain

Figure 66. Polycaprolactone Diol Production Mode & Process

Figure 67. Direct Comparison with Distribution Share

Figure 68. Distributors Profiles

Figure 69. Polycaprolactone Diol Industry Opportunities and Challenges

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