

# Cyclopentyl Chloride Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

<https://marketpublishers.com/r/C82CDDA72F45EN.html>

Date: March 2025

Pages: 73

Price: US\$ 3,200.00 (Single User License)

ID: C82CDDA72F45EN

## Abstracts

### Cyclopentyl Chloride Market Summary

#### Introduction

Cyclopentyl chloride, a colorless liquid with a pungent odor, is a specialized organochloride compound valued for its reactivity as a pharmaceutical and industrial intermediate. It plays a critical role in synthesizing anticancer drugs like hydroxyurea, imaging agents, and pharmaceuticals such as palbociclib, a key treatment for breast cancer. Beyond healthcare, it serves as a reductant, electroanalytical depolarizer, and short-term disant in synthetic rubber production, highlighting its versatility. The cyclopentyl chloride market operates within the specialty chemicals sector, driven by pharmaceutical innovation, industrial applications, and niche synthesis needs. Its growth is propelled by advancements in oncology treatments and industrial processes, though it faces hurdles from regulatory oversight, limited application scope, and raw material constraints.

#### Market Size and Growth Forecast

The global cyclopentyl chloride market is valued at approximately USD 12–24 million in 2025, with a projected CAGR of 5.2–8.2% through 2030. This robust growth reflects rising pharmaceutical demand and industrial niche applications.

#### Regional Analysis

**Asia Pacific:** Asia Pacific grows at 6–9%. China leads as a major producer and consumer, driven by pharmaceutical manufacturing, while India gains traction with oncology drug production. Trends focus on cost-effective synthesis and scalability.  
**North America:** North America grows at 5–7%. The US dominates, propelled by

pharmaceutical R&D and industrial uses. Trends emphasize innovation in drug intermediates and localized production.

Europe: Europe grows at 4–6%. Germany and the UK lead, supported by pharmaceutical advancements. Trends prioritize regulatory compliance and sustainable synthesis.

Rest of the World: it grows at 5–7%. Brazil and Japan contribute through industrial and pharma applications, with trends favoring affordable production.

### Application Analysis

Pharmaceutical: Expected to grow at 6–9%, it dominates due to cyclopentyl chloride's role in palbociclib and anticancer drugs. Trends focus on precision synthesis for oncology treatments.

Industrial: Projected at 4–6%, it serves rubber production and electroanalysis. Trends highlight niche applications in specialty manufacturing and imaging agents.

### Key Market Players

Zeon Corporation: A Japanese leader, Zeon supplies cyclopentyl chloride for pharmaceutical and industrial uses, focusing on quality and innovation.

Shandong Lujing Chemical Technology: A Chinese firm, it provides cost-effective cyclopentyl chloride for regional markets, emphasizing scalability.

### Porter's Five Forces Analysis

Threat of New Entrants: Low; high technical barriers and regulatory requirements limit entry.

Threat of Substitutes: Medium; alternative intermediates compete, but cyclopentyl chloride's specificity sustains demand.

Bargaining Power of Buyers: High; pharmaceutical firms negotiate due to specialized needs.

Bargaining Power of Suppliers: Medium; reliance on chlorinated precursors gives suppliers leverage, offset by sourcing diversity.

Competitive Rivalry: Moderate; limited players compete on quality and cost in a niche market.

### Market Opportunities and Challenges

#### Opportunities:

- The booming pharmaceutical sector in Asia Pacific offers a vibrant opportunity, as oncology drug demand rises. Producers can leverage precise intermediates to meet this need.

- Niche industrial applications worldwide create a promising landscape, with cyclopentyl

chloride supporting specialty manufacturing. Innovating scalable solutions can tap into this trend.

Challenges:

- Regulatory scrutiny in Europe and North America demands compliance with safety standards, complicating production.
- Limited application scope restricts scalability, requiring diversification to expand market reach.
- Raw material volatility poses risks, necessitating robust supply strategies.

## Contents

### **CHAPTER 1 EXECUTIVE SUMMARY**

### **CHAPTER 2 ABBREVIATION AND ACRONYMS**

### **CHAPTER 3 PREFACE**

- 3.1 Research Scope
- 3.2 Research Sources
  - 3.2.1 Data Sources
  - 3.2.2 Assumptions
- 3.3 Research Method

### **CHAPTER 4 MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

### **CHAPTER 5 MARKET TREND ANALYSIS**

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

### **CHAPTER 6 INDUSTRY CHAIN ANALYSIS**

- 6.1 Upstream/Suppliers Analysis
- 6.2 Cyclopentyl Chloride Analysis
  - 6.2.1 Technology Analysis
  - 6.2.2 Cost Analysis
  - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

### **CHAPTER 7 LATEST MARKET DYNAMICS**

- 7.1 Latest News
- 7.2 Merger and Acquisition
- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

## **CHAPTER 8 TRADING ANALYSIS**

- 8.1 Export of Cyclopentyl Chloride by Region
- 8.2 Import of Cyclopentyl Chloride by Region
- 8.3 Balance of Trade

## **CHAPTER 9 HISTORICAL AND FORECAST CYCLOPENTYL CHLORIDE MARKET IN NORTH AMERICA (2020-2030)**

- 9.1 Cyclopentyl Chloride Market Size
- 9.2 Cyclopentyl Chloride Demand by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Type Segmentation and Price
- 9.5 Key Countries Analysis
  - 9.5.1 United States
  - 9.5.2 Canada
  - 9.5.3 Mexico

## **CHAPTER 10 HISTORICAL AND FORECAST CYCLOPENTYL CHLORIDE MARKET IN SOUTH AMERICA (2020-2030)**

- 10.1 Cyclopentyl Chloride Market Size
- 10.2 Cyclopentyl Chloride Demand by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Type Segmentation and Price
- 10.5 Key Countries Analysis
  - 10.5.1 Brazil
  - 10.5.2 Argentina
  - 10.5.3 Chile
  - 10.5.4 Peru

## **CHAPTER 11 HISTORICAL AND FORECAST CYCLOPENTYL CHLORIDE MARKET IN ASIA & PACIFIC (2020-2030)**

- 11.1 Cyclopentyl Chloride Market Size
- 11.2 Cyclopentyl Chloride Demand by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Type Segmentation and Price
- 11.5 Key Countries Analysis
  - 11.5.1 China
  - 11.5.2 India
  - 11.5.3 Japan
  - 11.5.4 South Korea
  - 11.5.5 Southeast Asia
  - 11.5.6 Australia

## **CHAPTER 12 HISTORICAL AND FORECAST CYCLOPENTYL CHLORIDE MARKET IN EUROPE (2020-2030)**

- 12.1 Cyclopentyl Chloride Market Size
- 12.2 Cyclopentyl Chloride Demand by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Type Segmentation and Price
- 12.5 Key Countries Analysis
  - 12.5.1 Germany
  - 12.5.2 France
  - 12.5.3 United Kingdom
  - 12.5.4 Italy
  - 12.5.5 Spain
  - 12.5.6 Belgium
  - 12.5.7 Netherlands
  - 12.5.8 Austria
  - 12.5.9 Poland
  - 12.5.10 Russia

## **CHAPTER 13 HISTORICAL AND FORECAST CYCLOPENTYL CHLORIDE MARKET IN MEA (2020-2030)**

- 13.1 Cyclopentyl Chloride Market Size
- 13.2 Cyclopentyl Chloride Demand by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Type Segmentation and Price
- 13.5 Key Countries Analysis

- 13.5.1 Egypt
- 13.5.2 Israel
- 13.5.3 South Africa
- 13.5.4 Gulf Cooperation Council Countries
- 13.5.5 Turkey

## **CHAPTER 14 SUMMARY FOR GLOBAL CYCLOPENTYL CHLORIDE MARKET (2020-2025)**

- 14.1 Cyclopentyl Chloride Market Size
- 14.2 Cyclopentyl Chloride Demand by End Use
- 14.3 Competition by Players/Suppliers
- 14.4 Type Segmentation and Price

## **CHAPTER 15 GLOBAL CYCLOPENTYL CHLORIDE MARKET FORECAST (2025-2030)**

- 15.1 Cyclopentyl Chloride Market Size Forecast
- 15.2 Cyclopentyl Chloride Demand Forecast
- 15.3 Competition by Players/Suppliers
- 15.4 Type Segmentation and Price Forecast

## **CHAPTER 16 ANALYSIS OF GLOBAL KEY VENDORS**

- 16.1 Zeon Corporation
    - 16.1.1 Company Profile
    - 16.1.2 Main Business and Cyclopentyl Chloride Information
    - 16.1.3 SWOT Analysis of Zeon Corporation
    - 16.1.4 Zeon Corporation Cyclopentyl Chloride Sales, Revenue, Price and Gross Margin (2020-2025)
  - 16.2 Shandong Lujing Chemical Technology
    - 16.2.1 Company Profile
    - 16.2.2 Main Business and Cyclopentyl Chloride Information
    - 16.2.3 SWOT Analysis of Shandong Lujing Chemical Technology
    - 16.2.4 Shandong Lujing Chemical Technology Cyclopentyl Chloride Sales, Revenue, Price and Gross Margin (2020-2025)
- Please ask for sample pages for full companies list  
Tables and Figures  
Table Abbreviation and Acronyms List

|   |
|---|
| Table Research Scope of Cyclopentyl Chloride Report                                   |
| Table Data Sources of Cyclopentyl Chloride Report                                     |
| Table Major Assumptions of Cyclopentyl Chloride Report                                |
| Figure Market Size Estimated Method   |
| Figure Major Forecasting Factors  |
| Figure Cyclopentyl Chloride Picture   |
| Table Cyclopentyl Chloride Classification   |
| Table Cyclopentyl Chloride Applications List  |
| Table Drivers of Cyclopentyl Chloride Market  |
| Table Restraints of Cyclopentyl Chloride Market                                       |
| Table Opportunities of Cyclopentyl Chloride Market                                    |
| Table Threats of Cyclopentyl Chloride Market  |
| Table Raw Materials Suppliers List  |
| Table Different Production Methods of Cyclopentyl Chloride                            |
| Table Cost Structure Analysis of Cyclopentyl Chloride                                 |
| Table Key End Users List  |
| Table Latest News of Cyclopentyl Chloride Market                                      |
| Table Merger and Acquisition List   |
| Table Planned/Future Project of Cyclopentyl Chloride Market                           |
| Table Policy of Cyclopentyl Chloride Market   |
| Table 2020-2030 Regional Export of Cyclopentyl Chloride                               |
| Table 2020-2030 Regional Import of Cyclopentyl Chloride                               |
| Table 2020-2030 Regional Trade Balance  |
| Figure 2020-2030 Regional Trade Balance   |
| Table 2020-2030 North America Cyclopentyl Chloride Market Size and Market Volume List |
| Figure 2020-2030 North America Cyclopentyl Chloride Market Size and CAGR              |
| Figure 2020-2030 North America Cyclopentyl Chloride Market Volume and CAGR            |
| Table 2020-2030 North America Cyclopentyl Chloride Demand List by Application         |
| Table 2020-2025 North America Cyclopentyl Chloride Key Players Sales List             |
| Table 2020-2025 North America Cyclopentyl Chloride Key Players Market Share List      |
| Table 2020-2030 North America Cyclopentyl Chloride Demand List by Type                |
| Table 2020-2025 North America Cyclopentyl Chloride Price List by Type                 |
| Table 2020-2030 United States Cyclopentyl Chloride Market Size and Market Volume List |
| Table 2020-2030 United States Cyclopentyl Chloride Import & Export List               |
| Table 2020-2030 Canada Cyclopentyl Chloride Market Size and Market Volume List        |
| Table 2020-2030 Canada Cyclopentyl Chloride Import & Export List                      |
| Table 2020-2030 Mexico Cyclopentyl Chloride Market Size and Market Volume List        |

Table 2020-2030 Mexico Cyclopentyl Chloride Import & Export List

Table 2020-2030 South America Cyclopentyl Chloride Market Size and Market Volume List

Figure 2020-2030 South America Cyclopentyl Chloride Market Size and CAGR

Figure 2020-2030 South America Cyclopentyl Chloride Market Volume and CAGR

Table 2020-2030 South America Cyclopentyl Chloride Demand List by Application

Table 2020-2025 South America Cyclopentyl Chloride Key Players Sales List

Table 2020-2025 South America Cyclopentyl Chloride Key Players Market Share List

Table 2020-2030 South America Cyclopentyl Chloride Demand List by Type

Table 2020-2025 South America Cyclopentyl Chloride Price List by Type

Table 2020-2030 Brazil Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 Brazil Cyclopentyl Chloride Import & Export List

Table 2020-2030 Argentina Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 Argentina Cyclopentyl Chloride Import & Export List

Table 2020-2030 Chile Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 Chile Cyclopentyl Chloride Import & Export List

Table 2020-2030 Peru Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 Peru Cyclopentyl Chloride Import & Export List

Table 2020-2030 Asia & Pacific Cyclopentyl Chloride Market Size and Market Volume List

Figure 2020-2030 Asia & Pacific Cyclopentyl Chloride Market Size and CAGR

Figure 2020-2030 Asia & Pacific Cyclopentyl Chloride Market Volume and CAGR

Table 2020-2030 Asia & Pacific Cyclopentyl Chloride Demand List by Application

Table 2020-2025 Asia & Pacific Cyclopentyl Chloride Key Players Sales List

Table 2020-2025 Asia & Pacific Cyclopentyl Chloride Key Players Market Share List

Table 2020-2030 Asia & Pacific Cyclopentyl Chloride Demand List by Type

Table 2020-2025 Asia & Pacific Cyclopentyl Chloride Price List by Type

Table 2020-2030 China Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 China Cyclopentyl Chloride Import & Export List

Table 2020-2030 India Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 India Cyclopentyl Chloride Import & Export List

Table 2020-2030 Japan Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 Japan Cyclopentyl Chloride Import & Export List

Table 2020-2030 South Korea Cyclopentyl Chloride Market Size and Market Volume List

Table 2020-2030 South Korea Cyclopentyl Chloride Import & Export List

Table 2020-2030 Southeast Asia Cyclopentyl Chloride Market Size List

Table 2020-2030 Southeast Asia Cyclopentyl Chloride Market Volume List

Table 2020-2030 Southeast Asia Cyclopentyl Chloride Import List

|  |
|--|
| Table 2020-2030 Southeast Asia Cyclopentyl Chloride Export List                        |
| Table 2020-2030 Australia Cyclopentyl Chloride Market Size and Market Volume List      |
| Table 2020-2030 Australia Cyclopentyl Chloride Import & Export List                    |
| Table 2020-2030 Europe Cyclopentyl Chloride Market Size and Market Volume List         |
| Figure 2020-2030 Europe Cyclopentyl Chloride Market Size and CAGR                      |
| Figure 2020-2030 Europe Cyclopentyl Chloride Market Volume and CAGR                    |
| Table 2020-2030 Europe Cyclopentyl Chloride Demand List by Application                 |
| Table 2020-2025 Europe Cyclopentyl Chloride Key Players Sales List                     |
| Table 2020-2025 Europe Cyclopentyl Chloride Key Players Market Share List              |
| Table 2020-2030 Europe Cyclopentyl Chloride Demand List by Type                        |
| Table 2020-2025 Europe Cyclopentyl Chloride Price List by Type                         |
| Table 2020-2030 Germany Cyclopentyl Chloride Market Size and Market Volume List        |
| Table 2020-2030 Germany Cyclopentyl Chloride Import & Export List                      |
| Table 2020-2030 France Cyclopentyl Chloride Market Size and Market Volume List         |
| Table 2020-2030 France Cyclopentyl Chloride Import & Export List                       |
| Table 2020-2030 United Kingdom Cyclopentyl Chloride Market Size and Market Volume List |
| Table 2020-2030 United Kingdom Cyclopentyl Chloride Import & Export List               |
| Table 2020-2030 Italy Cyclopentyl Chloride Market Size and Market Volume List          |
| Table 2020-2030 Italy Cyclopentyl Chloride Import & Export List                        |
| Table 2020-2030 Spain Cyclopentyl Chloride Market Size and Market Volume List          |
| Table 2020-2030 Spain Cyclopentyl Chloride Import & Export List                        |
| Table 2020-2030 Belgium Cyclopentyl Chloride Market Size and Market Volume List        |
| Table 2020-2030 Belgium Cyclopentyl Chloride Import & Export List                      |
| Table 2020-2030 Netherlands Cyclopentyl Chloride Market Size and Market Volume List    |
| Table 2020-2030 Netherlands Cyclopentyl Chloride Import & Export List                  |
| Table 2020-2030 Austria Cyclopentyl Chloride Market Size and Market Volume List        |
| Table 2020-2030 Austria Cyclopentyl Chloride Import & Export List                      |
| Table 2020-2030 Poland Cyclopentyl Chloride Market Size and Market Volume List         |
| Table 2020-2030 Poland Cyclopentyl Chloride Import & Export List                       |
| Table 2020-2030 Russia Cyclopentyl Chloride Market Size and Market Volume List         |
| Table 2020-2030 Russia Cyclopentyl Chloride Import & Export List                       |
| Table 2020-2030 MEA Cyclopentyl Chloride Market Size and Market Volume List            |
| Figure 2020-2030 MEA Cyclopentyl Chloride Market Size and CAGR                         |
| Figure 2020-2030 MEA Cyclopentyl Chloride Market Volume and CAGR                       |
| Table 2020-2030 MEA Cyclopentyl Chloride Demand List by Application                    |
| Table 2020-2025 MEA Cyclopentyl Chloride Key Players Sales List                        |
| Table 2020-2025 MEA Cyclopentyl Chloride Key Players Market Share List                 |

Table 2020-2030 MEA Cyclopentyl Chloride Demand List by Type  
Table 2020-2025 MEA Cyclopentyl Chloride Price List by Type  
Table 2020-2030 Egypt Cyclopentyl Chloride Market Size and Market Volume List  
Table 2020-2030 Egypt Cyclopentyl Chloride Import & Export List  
Table 2020-2030 Israel Cyclopentyl Chloride Market Size and Market Volume List  
Table 2020-2030 Israel Cyclopentyl Chloride Import & Export List  
Table 2020-2030 South Africa Cyclopentyl Chloride Market Size and Market Volume List  
Table 2020-2030 South Africa Cyclopentyl Chloride Import & Export List  
Table 2020-2030 Gulf Cooperation Council Countries Cyclopentyl Chloride Market Size and Market Volume List  
Table 2020-2030 Gulf Cooperation Council Countries Cyclopentyl Chloride Import & Export List  
Table 2020-2030 Turkey Cyclopentyl Chloride Market Size and Market Volume List  
Table 2020-2030 Turkey Cyclopentyl Chloride Import & Export List  
Table 2020-2025 Global Cyclopentyl Chloride Market Size List by Region  
Table 2020-2025 Global Cyclopentyl Chloride Market Size Share List by Region  
Table 2020-2025 Global Cyclopentyl Chloride Market Volume List by Region  
Table 2020-2025 Global Cyclopentyl Chloride Market Volume Share List by Region  
Table 2020-2025 Global Cyclopentyl Chloride Demand List by Application  
Table 2020-2025 Global Cyclopentyl Chloride Demand Market Share List by Application  
Table 2020-2025 Global Cyclopentyl Chloride Capacity List  
Table 2020-2025 Global Cyclopentyl Chloride Key Vendors Capacity Share List  
Table 2020-2025 Global Cyclopentyl Chloride Key Vendors Production List  
Table 2020-2025 Global Cyclopentyl Chloride Key Vendors Production Share List  
Figure 2020-2025 Global Cyclopentyl Chloride Capacity Production and Growth Rate  
Table 2020-2025 Global Cyclopentyl Chloride Key Vendors Production Value List  
Figure 2020-2025 Global Cyclopentyl Chloride Production Value and Growth Rate  
Table 2020-2025 Global Cyclopentyl Chloride Key Vendors Production Value Share List  
Table 2020-2025 Global Cyclopentyl Chloride Demand List by Type  
Table 2020-2025 Global Cyclopentyl Chloride Demand Market Share List by Type  
Table 2020-2025 Regional Cyclopentyl Chloride Price List  
Table 2025-2030 Global Cyclopentyl Chloride Market Size List by Region  
Table 2025-2030 Global Cyclopentyl Chloride Market Size Share List by Region  
Table 2025-2030 Global Cyclopentyl Chloride Market Volume List by Region  
Table 2025-2030 Global Cyclopentyl Chloride Market Volume Share List by Region  
Table 2025-2030 Global Cyclopentyl Chloride Demand List by Application  
Table 2025-2030 Global Cyclopentyl Chloride Demand Market Share List by Application  
Table 2025-2030 Global Cyclopentyl Chloride Capacity List

Table 2025-2030 Global Cyclopentyl Chloride Key Vendors Capacity Share List  
Table 2025-2030 Global Cyclopentyl Chloride Key Vendors Production List  
Table 2025-2030 Global Cyclopentyl Chloride Key Vendors Production Share List  
Figure 2025-2030 Global Cyclopentyl Chloride Capacity Production and Growth Rate  
Table 2025-2030 Global Cyclopentyl Chloride Key Vendors Production Value List  
Figure 2025-2030 Global Cyclopentyl Chloride Production Value and Growth Rate  
Table 2025-2030 Global Cyclopentyl Chloride Key Vendors Production Value Share List  
Table 2025-2030 Global Cyclopentyl Chloride Demand List by Type  
Table 2025-2030 Global Cyclopentyl Chloride Demand Market Share List by Type  
Table 2025-2030 Cyclopentyl Chloride Regional Price List  
Table Zeon Corporation Information  
Table SWOT Analysis of Zeon Corporation  
Table 2020-2025 Zeon Corporation Cyclopentyl Chloride Product Capacity Production  
Price Cost Production Value  
Figure 2020-2025 Zeon Corporation Cyclopentyl Chloride Capacity Production and  
Growth Rate  
Figure 2020-2025 Zeon Corporation Cyclopentyl Chloride Market Share  
Table Shandong Lujing Chemical Technology Information  
Table SWOT Analysis of Shandong Lujing Chemical Technology  
Table 2020-2025 Shandong Lujing Chemical Technology Cyclopentyl Chloride Product  
Capacity Production Price Cost Production Value  
Figure 2020-2025 Shandong Lujing Chemical Technology Cyclopentyl Chloride  
Capacity Production and Growth Rate  
Figure 2020-2025 Shandong Lujing Chemical Technology Cyclopentyl Chloride Market  
Share  
.....

## I would like to order

Product name: Cyclopentyl Chloride Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

Product link: <https://marketpublishers.com/r/C82CDDA72F45EN.html>

Price: US\$ 3,200.00 (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/C82CDDA72F45EN.html>