

# **4-Chlorobutyryl Chloride Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application**

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## **Abstracts**

### **4-Chlorobutyryl Chloride Market Summary**

#### **Introduction**

4-Chlorobutyryl Chloride is an organic intermediate used primarily in pharmaceutical and agrochemical synthesis, produced from gamma-butyrolactone, thionyl chloride, and NaOH solution. In pharmaceuticals, it's essential for drugs like levetiracetam and fexofenadine hydrochloride. Zhejiang Jingxin Pharmaceutical, with a 1,000-ton capacity, is a key player. The market is niche but vital, with growth linked to pharmaceutical and agrochemical demand.

#### **Market Size and Growth Forecast**

The global 4-Chlorobutyryl Chloride market is expected to reach 30 to 60 million USD by 2025, with a CAGR of 3.5% to 6.5%, driven by healthcare and agricultural needs.

#### **Regional Analysis**

Regional trends reflect production hubs:

Asia Pacific: Growth of 4.0-7.0%. China and India lead due to pharmaceutical manufacturing.

Europe: Projected growth of 3.0-5.0%. Germany and Switzerland focus on pharma production.

North America: Forecasted growth of 3.5-5.5%. The U.S. drives demand in pharma and agrochemicals.

Asia Pacific leads, with China as a major producer and consumer.

#### **Application Analysis**

Applications include:

Pharmaceuticals: Growth of 4.0-6.0%. Key for drug synthesis, tied to healthcare growth.

Agrochemicals: Projected growth of 3.0-5.0%. Supports pesticide production.

Others: Growth of 2.5-4.5%. Includes niche chemical uses.

Pharmaceutical expansion, especially generics, fuels growth.

### Key Market Players

Key producers are:

BASF: Supplies intermediates for pharma and agrochemicals.

Chemcon Specialty Chemicals Limited: An Indian firm focused on pharma intermediates.

Zhejiang Jingxin Pharmaceutical: A Chinese producer with a 1,000-ton capacity.

BASF leads in scale.

### Porter's Five Forces Analysis

Threat of New Entrants: Low. Technical and regulatory barriers limit entry.

Threat of Substitutes: Low to Moderate. Few alternatives exist for specific syntheses.

Bargaining Power of Buyers: High. Pharma firms influence pricing.

Bargaining Power of Suppliers: Moderate. Raw material suppliers have some leverage.

Competitive Rivalry: Moderate. Few specialized players compete on quality.

### Market Opportunities and Challenges

Opportunities: Rising generic drug demand in Asia Pacific offers growth. Agrochemical expansion supports food production needs. Drug development innovations increase demand.

Challenges: Strict regulations pose hurdles. Market concentration risks supply issues. Raw material price fluctuations affect costs.

## 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 4-Chlorobutryl 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 4-Chlorobutyryl Chloride by Region
- 8.2 Import of 4-Chlorobutyryl Chloride by Region
- 8.3 Balance of Trade

## **CHAPTER 9 HISTORICAL AND FORECAST 4-CHLOROBUTYRYL CHLORIDE MARKET IN NORTH AMERICA (2020-2030)**

- 9.1 4-Chlorobutyryl Chloride Market Size
- 9.2 4-Chlorobutyryl 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 4-CHLOROBUTYRYL CHLORIDE MARKET IN SOUTH AMERICA (2020-2030)**

- 10.1 4-Chlorobutyryl Chloride Market Size
- 10.2 4-Chlorobutyryl 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 4-CHLOROBUTYRYL CHLORIDE MARKET IN ASIA & PACIFIC (2020-2030)**

- 11.1 4-Chlorobutryl Chloride Market Size
- 11.2 4-Chlorobutryl 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 4-CHLOROBUTYRYL CHLORIDE MARKET IN EUROPE (2020-2030)**

- 12.1 4-Chlorobutryl Chloride Market Size
- 12.2 4-Chlorobutryl 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 4-CHLOROBUTYRYL CHLORIDE MARKET IN MEA (2020-2030)**

- 13.1 4-Chlorobutryl Chloride Market Size
- 13.2 4-Chlorobutryl 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 4-CHLOROBUTYRYL CHLORIDE MARKET (2020-2025)**

- 14.1 4-Chlorobutyryl Chloride Market Size
- 14.2 4-Chlorobutyryl Chloride Demand by End Use
- 14.3 Competition by Players/Suppliers
- 14.4 Type Segmentation and Price

## **CHAPTER 15 GLOBAL 4-CHLOROBUTYRYL CHLORIDE MARKET FORECAST (2025-2030)**

- 15.1 4-Chlorobutyryl Chloride Market Size Forecast
- 15.2 4-Chlorobutyryl 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 BASF
  - 16.1.1 Company Profile
  - 16.1.2 Main Business and 4-Chlorobutyryl Chloride Information
  - 16.1.3 SWOT Analysis of BASF
  - 16.1.4 BASF 4-Chlorobutyryl Chloride Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.2 Chemcon Specialty Chemicals Limited
  - 16.2.1 Company Profile
  - 16.2.2 Main Business and 4-Chlorobutyryl Chloride Information
  - 16.2.3 SWOT Analysis of Chemcon Specialty Chemicals Limited
  - 16.2.4 Chemcon Specialty Chemicals Limited 4-Chlorobutyryl Chloride Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.3 Zhejiang Jingxin Pharmaceutical
  - 16.3.1 Company Profile
  - 16.3.2 Main Business and 4-Chlorobutyryl Chloride Information

### 16.3.3 SWOT Analysis of Zhejiang Jingxin Pharmaceutical

### 16.3.4 Zhejiang Jingxin Pharmaceutical 4-Chlorobutyryl 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 4-Chlorobutyryl Chloride Report

Table Data Sources of 4-Chlorobutyryl Chloride Report

Table Major Assumptions of 4-Chlorobutyryl Chloride Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure 4-Chlorobutyryl Chloride Picture

Table 4-Chlorobutyryl Chloride Classification

Table 4-Chlorobutyryl Chloride Applications List

Table Drivers of 4-Chlorobutyryl Chloride Market

Table Restraints of 4-Chlorobutyryl Chloride Market

Table Opportunities of 4-Chlorobutyryl Chloride Market

Table Threats of 4-Chlorobutyryl Chloride Market

Table Raw Materials Suppliers List

Table Different Production Methods of 4-Chlorobutyryl Chloride

Table Cost Structure Analysis of 4-Chlorobutyryl Chloride

Table Key End Users List

Table Latest News of 4-Chlorobutyryl Chloride Market

Table Merger and Acquisition List

Table Planned/Future Project of 4-Chlorobutyryl Chloride Market

Table Policy of 4-Chlorobutyryl Chloride Market

Table 2020-2030 Regional Export of 4-Chlorobutyryl Chloride

Table 2020-2030 Regional Import of 4-Chlorobutyryl Chloride

Table 2020-2030 Regional Trade Balance

Figure 2020-2030 Regional Trade Balance

Table 2020-2030 North America 4-Chlorobutyryl Chloride Market Size and Market Volume List

Figure 2020-2030 North America 4-Chlorobutyryl Chloride Market Size and CAGR

Figure 2020-2030 North America 4-Chlorobutyryl Chloride Market Volume and CAGR

Table 2020-2030 North America 4-Chlorobutyryl Chloride Demand List by Application

Table 2020-2025 North America 4-Chlorobutyryl Chloride Key Players Sales List

Table 2020-2025 North America 4-Chlorobutyryl Chloride Key Players Market Share List

Table 2020-2030 North America 4-Chlorobutyryl Chloride Demand List by Type



Table 2020-2025 North America 4-Chlorobutyryl Chloride Price List by Type	
Table 2020-2030 United States 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 United States 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Canada 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Canada 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Mexico 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Mexico 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 South America 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Figure 2020-2030 South America 4-Chlorobutyryl Chloride Market Size and CAGR	
Figure 2020-2030 South America 4-Chlorobutyryl Chloride Market Volume and CAGR	
Table 2020-2030 South America 4-Chlorobutyryl Chloride Demand List by Application	
Table 2020-2025 South America 4-Chlorobutyryl Chloride Key Players Sales List	
Table 2020-2025 South America 4-Chlorobutyryl Chloride Key Players Market Share List	
Table 2020-2030 South America 4-Chlorobutyryl Chloride Demand List by Type	
Table 2020-2025 South America 4-Chlorobutyryl Chloride Price List by Type	
Table 2020-2030 Brazil 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Brazil 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Argentina 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Argentina 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Chile 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Chile 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Peru 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Peru 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Asia & Pacific 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Figure 2020-2030 Asia & Pacific 4-Chlorobutyryl Chloride Market Size and CAGR	
Figure 2020-2030 Asia & Pacific 4-Chlorobutyryl Chloride Market Volume and CAGR	
Table 2020-2030 Asia & Pacific 4-Chlorobutyryl Chloride Demand List by Application	
Table 2020-2025 Asia & Pacific 4-Chlorobutyryl Chloride Key Players Sales List	
Table 2020-2025 Asia & Pacific 4-Chlorobutyryl Chloride Key Players Market Share List	
Table 2020-2030 Asia & Pacific 4-Chlorobutyryl Chloride Demand List by Type	
Table 2020-2025 Asia & Pacific 4-Chlorobutyryl Chloride Price List by Type	
Table 2020-2030 China 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 China 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 India 4-Chlorobutyryl Chloride Market Size and Market Volume List	



Table 2020-2030 India 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Japan 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Japan 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 South Korea 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 South Korea 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Southeast Asia 4-Chlorobutyryl Chloride Market Size List	
Table 2020-2030 Southeast Asia 4-Chlorobutyryl Chloride Market Volume List	
Table 2020-2030 Southeast Asia 4-Chlorobutyryl Chloride Import List	
Table 2020-2030 Southeast Asia 4-Chlorobutyryl Chloride Export List	
Table 2020-2030 Australia 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Australia 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Europe 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Figure 2020-2030 Europe 4-Chlorobutyryl Chloride Market Size and CAGR	
Figure 2020-2030 Europe 4-Chlorobutyryl Chloride Market Volume and CAGR	
Table 2020-2030 Europe 4-Chlorobutyryl Chloride Demand List by Application	
Table 2020-2025 Europe 4-Chlorobutyryl Chloride Key Players Sales List	
Table 2020-2025 Europe 4-Chlorobutyryl Chloride Key Players Market Share List	
Table 2020-2030 Europe 4-Chlorobutyryl Chloride Demand List by Type	
Table 2020-2025 Europe 4-Chlorobutyryl Chloride Price List by Type	
Table 2020-2030 Germany 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Germany 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 France 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 France 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 United Kingdom 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 United Kingdom 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Italy 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Italy 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Spain 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Spain 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Belgium 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Belgium 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Netherlands 4-Chlorobutyryl Chloride Market Size and Market Volume List	
Table 2020-2030 Netherlands 4-Chlorobutyryl Chloride Import & Export List	
Table 2020-2030 Austria 4-Chlorobutyryl Chloride Market Size and Market Volume List	

Table 2020-2030 Austria 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 Poland 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 Poland 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 Russia 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 Russia 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 MEA 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Figure 2020-2030 MEA 4-Chlorobutyryl Chloride Market Size and CAGR  
Figure 2020-2030 MEA 4-Chlorobutyryl Chloride Market Volume and CAGR  
Table 2020-2030 MEA 4-Chlorobutyryl Chloride Demand List by Application  
Table 2020-2025 MEA 4-Chlorobutyryl Chloride Key Players Sales List  
Table 2020-2025 MEA 4-Chlorobutyryl Chloride Key Players Market Share List  
Table 2020-2030 MEA 4-Chlorobutyryl Chloride Demand List by Type  
Table 2020-2025 MEA 4-Chlorobutyryl Chloride Price List by Type  
Table 2020-2030 Egypt 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 Egypt 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 Israel 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 Israel 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 South Africa 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 South Africa 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 Gulf Cooperation Council Countries 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 Gulf Cooperation Council Countries 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2030 Turkey 4-Chlorobutyryl Chloride Market Size and Market Volume List  
Table 2020-2030 Turkey 4-Chlorobutyryl Chloride Import & Export List  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Market Size List by Region  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Market Size Share List by Region  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Market Volume List by Region  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Market Volume Share List by Region  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Demand List by Application  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Demand Market Share List by Application  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Capacity List  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Key Vendors Capacity Share List  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Key Vendors Production List  
Table 2020-2025 Global 4-Chlorobutyryl Chloride Key Vendors Production Share List  
Figure 2020-2025 Global 4-Chlorobutyryl Chloride Capacity Production and Growth Rate

Table 2020-2025 Global 4-Chlorobutyryl Chloride Key Vendors Production Value List

Figure 2020-2025 Global 4-Chlorobutyryl Chloride Production Value and Growth Rate

Table 2020-2025 Global 4-Chlorobutyryl Chloride Key Vendors Production Value Share List

Table 2020-2025 Global 4-Chlorobutyryl Chloride Demand List by Type

Table 2020-2025 Global 4-Chlorobutyryl Chloride Demand Market Share List by Type

Table 2020-2025 Regional 4-Chlorobutyryl Chloride Price List

Table 2025-2030 Global 4-Chlorobutyryl Chloride Market Size List by Region

Table 2025-2030 Global 4-Chlorobutyryl Chloride Market Size Share List by Region

Table 2025-2030 Global 4-Chlorobutyryl Chloride Market Volume List by Region

Table 2025-2030 Global 4-Chlorobutyryl Chloride Market Volume Share List by Region

Table 2025-2030 Global 4-Chlorobutyryl Chloride Demand List by Application

Table 2025-2030 Global 4-Chlorobutyryl Chloride Demand Market Share List by Application

Table 2025-2030 Global 4-Chlorobutyryl Chloride Capacity List

Table 2025-2030 Global 4-Chlorobutyryl Chloride Key Vendors Capacity Share List

Table 2025-2030 Global 4-Chlorobutyryl Chloride Key Vendors Production List

Table 2025-2030 Global 4-Chlorobutyryl Chloride Key Vendors Production Share List

Figure 2025-2030 Global 4-Chlorobutyryl Chloride Capacity Production and Growth Rate

Table 2025-2030 Global 4-Chlorobutyryl Chloride Key Vendors Production Value List

Figure 2025-2030 Global 4-Chlorobutyryl Chloride Production Value and Growth Rate

Table 2025-2030 Global 4-Chlorobutyryl Chloride Key Vendors Production Value Share List

Table 2025-2030 Global 4-Chlorobutyryl Chloride Demand List by Type

Table 2025-2030 Global 4-Chlorobutyryl Chloride Demand Market Share List by Type

Table 2025-2030 4-Chlorobutyryl Chloride Regional Price List

Table BASF Information

Table SWOT Analysis of BASF

Table 2020-2025 BASF 4-Chlorobutyryl Chloride Product Capacity Production Price Cost Production Value

Figure 2020-2025 BASF 4-Chlorobutyryl Chloride Capacity Production and Growth Rate

Figure 2020-2025 BASF 4-Chlorobutyryl Chloride Market Share

Table Chemcon Specialty Chemicals Limited Information

Table SWOT Analysis of Chemcon Specialty Chemicals Limited

Table 2020-2025 Chemcon Specialty Chemicals Limited 4-Chlorobutyryl Chloride Product Capacity Production Price Cost Production Value

Figure 2020-2025 Chemcon Specialty Chemicals Limited 4-Chlorobutyryl Chloride Capacity Production and Growth Rate

Figure 2020-2025 Chemcon Specialty Chemicals Limited 4-Chlorobutyryl Chloride Market Share

Table Zhejiang Jingxin Pharmaceutical Information

Table SWOT Analysis of Zhejiang Jingxin Pharmaceutical

Table 2020-2025 Zhejiang Jingxin Pharmaceutical 4-Chlorobutyryl Chloride Product Capacity Production Price Cost Production Value

Figure 2020-2025 Zhejiang Jingxin Pharmaceutical 4-Chlorobutyryl Chloride Capacity Production and Growth Rate

Figure 2020-2025 Zhejiang Jingxin Pharmaceutical 4-Chlorobutyryl Chloride Market Share

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