

Ethylene Carbonate Market Report by Form (Solid, Liquid), Application (Lubricants, Surface Coatings, Plasticizers, Lithium Battery Electrolytes, and Others), End Use Industry (Automotive, Oil & Gas, Pharmaceutical, and Others), and Region 2024-2032

<https://marketpublishers.com/r/E760068A4876EN.html>

Date: March 2024

Pages: 142

Price: US\$ 3,899.00 (Single User License)

ID: E760068A4876EN

Abstracts

The global ethylene carbonate market size reached US\$ 328.4 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 511.7 Million by 2032, exhibiting a growth rate (CAGR) of 4.9% during 2024-2032.

Ethylene carbonate (C₃H₄O₃) is a polar solvent with low toxicity and high boiling point and solubility for polymers. It is a clear crystalline solid, which is odorless and only slightly soluble in water. It forms a soluble salt by bonding with rust and particles found in oil and gas wells and complexing the metal ions. In addition, it decomposes the carbonates and viscosity-enhancing compounds due to its attribute of acidification. It is widely used in lithium battery electrolytes, strip solvents, fiber processing agents, capacitor electrolytes, lubricants, soil hardening agents, organic solvents, raw material for organic synthesis, and medical products.

Ethylene Carbonate Market Trends:

The growing utilization of lithium-ion batteries in electric vehicles (EVs) due to their power-to-weight ratio, energy efficiency, high-temperature performance, and low self-discharge advantage represents one of the key factors driving the market. Moreover, C₃H₄O₃ is used as a plasticizer and precursor for manufacturing polymers and organic synthesis. This, along with the rising employment of C₃H₄O₃ as a release agent and detergent around the world, is propelling the growth of the market. In addition, there is an increase in the usage of C₃H₄O₃ in the gas washing process to remove contaminants from product gas. This, coupled with the growing application of C₃H₄O₃

as an intermediate in the synthesis of polycarbonate diol worldwide, is positively influencing the market. Besides this, the escalating demand for C₃H₄O₃ in photochromic treatments to enhance the visual acuity of individuals is offering lucrative growth opportunities to industry investors. Additionally, key market players of lithium-ion batteries are extensively investing in research and development (R&D) activities to develop a new cooling system, which is projected to increase overall sales of C₃H₄O₃.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global ethylene carbonate market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on form, application and end use industry.

Breakup by Form:

- Solid
- Liquid

Breakup by Application:

- Lubricants
- Surface Coatings
- Plasticizers
- Lithium Battery Electrolytes
- Others

Breakup by End Use Industry:

- Automotive
- Oil & Gas
- Pharmaceutical
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BASF SE, FUJIFILM Wako Pure Chemical Corporation, Huntsman Corporation, Merck KGaA, Mitsubishi Chemical Holdings Corporation, Otto Chemie Private Limited, Shandong Senjie Cleantech Co. Ltd., Thermo Fisher Scientific, Toagosei Co. Ltd., Tokyo Chemical Industry Co. Ltd, Vizag Chemicals International and Zhengzhou Meiya Chemical Products Co. Ltd.

Key Questions Answered in This Report

1. What was the size of the global ethylene carbonate market in 2023?
2. What is the expected growth rate of the global ethylene carbonate market during 2024-2032?
3. What has been the impact of COVID-19 on the global ethylene carbonate market?
4. What are the key factors driving the global ethylene carbonate market?
5. What is the breakup of the global ethylene carbonate market based on the form?
6. What is the breakup of the global ethylene carbonate market based on the application?

7. What is the breakup of the global ethylene carbonate market based on the end use industry?
8. What are the key regions in the global ethylene carbonate market?
9. Who are the key players/companies in the global ethylene carbonate market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL ETHYLENE CARBONATE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY FORM

- 6.1 Solid
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Liquid
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

7.1 Lubricants

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Surface Coatings

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Plasticizers

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Lithium Battery Electrolytes

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Others

7.5.1 Market Trends

7.5.2 Market Forecast

8 MARKET BREAKUP BY END USE INDUSTRY

8.1 Automotive

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Oil & Gas

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Pharmaceutical

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 BASF SE

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 FUJIFILM Wako Pure Chemical Corporation

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Huntsman Corporation

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.3.3 Financials

14.3.3.4 SWOT Analysis

14.3.4 Merck KGaA

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 Mitsubishi Chemical Holdings Corporation

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Otto Chemie Private Limited

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.7 Shandong Senjie Cleantech Co. Ltd.

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

- 14.3.8 Thermo Fisher Scientific
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Toagosei Co. Ltd.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Tokyo Chemical Industry Co. Ltd
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Vizag Chemicals International
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Zhengzhou Meiya Chemical Products Co. Ltd
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Ethylene Carbonate Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Ethylene Carbonate Market Forecast: Breakup by Form (in Million US\$), 2024-2032

Table 3: Global: Ethylene Carbonate Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Ethylene Carbonate Market Forecast: Breakup by End Use Industry (in Million US\$), 2024-2032

Table 5: Global: Ethylene Carbonate Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Ethylene Carbonate Market: Competitive Structure

Table 7: Global: Ethylene Carbonate Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Ethylene Carbonate Market: Major Drivers and Challenges
- Figure 2: Global: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018-2023
- Figure 3: Global: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 4: Global: Ethylene Carbonate Market: Breakup by Form (in %), 2023
- Figure 5: Global: Ethylene Carbonate Market: Breakup by Application (in %), 2023
- Figure 6: Global: Ethylene Carbonate Market: Breakup by End Use Industry (in %), 2023
- Figure 7: Global: Ethylene Carbonate Market: Breakup by Region (in %), 2023
- Figure 8: Global: Ethylene Carbonate (Solid) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 9: Global: Ethylene Carbonate (Solid) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 10: Global: Ethylene Carbonate (Liquid) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 11: Global: Ethylene Carbonate (Liquid) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 12: Global: Ethylene Carbonate (Lubricants) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 13: Global: Ethylene Carbonate (Lubricants) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 14: Global: Ethylene Carbonate (Surface Coatings) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 15: Global: Ethylene Carbonate (Surface Coatings) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 16: Global: Ethylene Carbonate (Plasticizers) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 17: Global: Ethylene Carbonate (Plasticizers) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 18: Global: Ethylene Carbonate (Lithium Battery Electrolytes) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 19: Global: Ethylene Carbonate (Lithium Battery Electrolytes) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 20: Global: Ethylene Carbonate (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Ethylene Carbonate (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Ethylene Carbonate (Automotive) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Ethylene Carbonate (Automotive) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Ethylene Carbonate (Oil & Gas) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Ethylene Carbonate (Oil & Gas) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Ethylene Carbonate (Pharmaceutical) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Ethylene Carbonate (Pharmaceutical) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Ethylene Carbonate (Other End Use Industries) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Ethylene Carbonate (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: North America: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: North America: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: United States: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: United States: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Canada: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Canada: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Asia-Pacific: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Asia-Pacific: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: China: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: China: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Japan: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 &

2023

Figure 41: Japan: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: India: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: India: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: South Korea: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: South Korea: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Australia: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Australia: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Indonesia: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Indonesia: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Others: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Others: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Europe: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Europe: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Germany: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Germany: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: France: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: France: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: United Kingdom: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: United Kingdom: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Italy: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Italy: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Spain: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Spain: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Russia: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Russia: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Others: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Others: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Latin America: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Latin America: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Brazil: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Brazil: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Mexico: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Mexico: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Others: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Others: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Middle East and Africa: Ethylene Carbonate Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Middle East and Africa: Ethylene Carbonate Market: Breakup by Country (in %), 2023

Figure 78: Middle East and Africa: Ethylene Carbonate Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Global: Ethylene Carbonate Industry: SWOT Analysis

Figure 80: Global: Ethylene Carbonate Industry: Value Chain Analysis

Figure 81: Global: Ethylene Carbonate Industry: Porter's Five Forces Analysis

I would like to order

Product name: Ethylene Carbonate Market Report by Form (Solid, Liquid), Application (Lubricants, Surface Coatings, Plasticizers, Lithium Battery Electrolytes, and Others), End Use Industry (Automotive, Oil & Gas, Pharmaceutical, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/E760068A4876EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E760068A4876EN.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