

Global Isophorone Market Size Study by Application (PVC Plasticizers, Polyester Resins, Coatings and Adhesives, Lubricants), by End-Use Industry (Automotive, Construction, Electronics, Packaging), by Manufacturing Process (Oxidation of Mesityl Oxide, Ketone Dimerization), by Purity (99%, 99.5%, 99.9%), by Grade (Technical, Food, Pharmaceutical), and Regional Forecasts 2022-2032

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Abstracts

The Global Isophorone Market is valued at approximately USD 1.8 billion in 2023 and is poised for significant growth, expected to reach USD 2.39 billion by 2032, with a steady compound annual growth rate (CAGR) of 2.39% during the forecast period. Isophorone is a versatile chemical compound extensively used in various industrial applications due to its exceptional properties, including thermal stability, chemical resistance, and solvency. Its applications span industries such as automotive, construction, and electronics, where it is used in the production of high-performance coatings, adhesives, and plasticizers.

The rising demand for eco-friendly and sustainable solutions across industries is a critical driver of the Isophorone market. The compound's ability to enhance the durability and performance of end products has made it indispensable in modern manufacturing processes. However, challenges such as stringent environmental regulations and the high cost of production may impact market growth. Nonetheless, advancements in manufacturing processes and innovations in bio-based isophorone production are expected to mitigate these challenges and open new avenues for market expansion.

Regionally, North America leads the Isophorone market, driven by robust demand from the automotive and construction sectors. Europe follows closely, supported by stringent environmental standards and increasing investments in sustainable materials. Meanwhile, the Asia-Pacific region is projected to exhibit the fastest growth over the forecast period, fueled by rapid industrialization and expanding end-use industries in countries like China, India, and Japan. Latin America and the Middle East & Africa regions also show promising growth potential, driven by infrastructure development and rising demand for advanced materials in various sectors.

The competitive landscape of the Isophorone market is marked by strategic collaborations, continuous R&D, and the introduction of high-purity and sustainable grades. Key players are investing in innovative manufacturing technologies to meet evolving consumer demands while adhering to stringent regulatory standards.

Major market players included in this report are:

BASF SE

Evonik Industries AG

Arkema Group

Covestro AG

Solvay S.A.

Dow Inc.

Wacker Chemie AG

Eastman Chemical Company

Mitsubishi Chemical Corporation

Huntsman Corporation

Koninklijke DSM N.V.

Akzo Nobel N.V.

Asahi Kasei Corporation

Perstorp Holding AB

LANXESS

The detailed segments and sub-segment of the market are explained below:

By Application:

PVC Plasticizers

Polyester Resins

Coatings and Adhesives

Lubricants

By End-Use Industry:

Automotive

Construction

Electronics

Packaging

By Manufacturing Process:

Oxidation of Mesityl Oxide

Ketone Dimerization

By Purity:

99%

99.5%

99.9%

By Grade:

Technical

Food

Pharmaceutical

By Region:**North America:**

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

Contents

CHAPTER 1. GLOBAL ISOPHORONE MARKET EXECUTIVE SUMMARY

- 1.1. Global Isophorone Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Application
 - 1.3.2. By End-Use Industry
 - 1.3.3. By Manufacturing Process
 - 1.3.4. By Purity
 - 1.3.5. By Grade
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ISOPHORONE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL ISOPHORONE MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Demand for Eco-friendly and Sustainable Solutions
- 3.1.2. Enhanced Durability and Performance in End Products
- 3.1.3. Expansion in High-Performance Industrial Applications

3.2. Market Challenges

- 3.2.1. Stringent Environmental Regulations
- 3.2.2. High Cost of Production

3.3. Market Opportunities

- 3.3.1. Advancements in Manufacturing Processes
- 3.3.2. Innovations in Bio-based Isophorone Production
- 3.3.3. Strategic Collaborations and Partnerships

CHAPTER 4. GLOBAL ISOPHORONE 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunities

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ISOPHORONE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

5.1. Segment Dashboard

5.2. Global Isophorone Market: Application Revenue Trend Analysis, 2022 & 2032
(USD Million/Billion)

5.2.1. PVC Plasticizers

5.2.2. Polyester Resins

5.2.3. Coatings and Adhesives

5.2.4. Lubricants

CHAPTER 6. GLOBAL ISOPHORONE MARKET SIZE & FORECASTS BY END-USE INDUSTRY 2022-2032

6.1. Segment Dashboard

6.2. Global Isophorone Market: End-Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. Automotive

6.2.2. Construction

6.2.3. Electronics

6.2.4. Packaging

CHAPTER 7. GLOBAL ISOPHORONE MARKET SIZE & FORECASTS BY MANUFACTURING PROCESS 2022-2032

7.1. Segment Dashboard

7.2. Global Isophorone Market: Manufacturing Process Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

7.2.1. Oxidation of Mesityl Oxide

7.2.2. Ketone Dimerization

CHAPTER 8. GLOBAL ISOPHORONE MARKET SIZE & FORECASTS BY PURITY 2022-2032

8.1. Segment Dashboard

8.2. Global Isophorone Market: Purity Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

8.2.1. 99%

8.2.2. 99.5%

8.2.3. 99.9%

CHAPTER 9. GLOBAL ISOPHORONE MARKET SIZE & FORECASTS BY GRADE 2022-2032

9.1. Segment Dashboard

9.2. Global Isophorone Market: Grade Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

9.2.1. Technical

9.2.2. Food

9.2.3. Pharmaceutical

CHAPTER 10. GLOBAL ISOPHORONE MARKET SIZE & FORECASTS BY REGION 2022-2032

10.1. North America Isophorone Market

10.1.1. U.S. Isophorone Market

10.1.1.1. Application Breakdown Size & Forecasts, 2022-2032

10.1.1.2. End-Use Industry Breakdown Size & Forecasts, 2022-2032

10.1.1.3. Manufacturing Process Breakdown Size & Forecasts, 2022-2032

10.1.1.4. Purity Breakdown Size & Forecasts, 2022-2032

10.1.1.5. Grade Breakdown Size & Forecasts, 2022-2032

10.1.2. Canada Isophorone Market

10.2. Europe Isophorone Market

10.2.1. UK Isophorone Market

10.2.2. Germany Isophorone Market

10.2.3. France Isophorone Market

10.2.4. Spain Isophorone Market

10.2.5. Italy Isophorone Market

10.2.6. Rest of Europe Isophorone Market

10.3. Asia-Pacific Isophorone Market

10.3.1. China Isophorone Market

10.3.2. India Isophorone Market

10.3.3. Japan Isophorone Market

10.3.4. Australia Isophorone Market

10.3.5. South Korea Isophorone Market

10.3.6. Rest of Asia-Pacific Isophorone Market

10.4. Latin America Isophorone Market

10.4.1. Brazil Isophorone Market

10.4.2. Mexico Isophorone Market

10.4.3. Rest of Latin America Isophorone Market

- 10.5. Middle East & Africa Isophorone Market
 - 10.5.1. Saudi Arabia Isophorone Market
 - 10.5.2. South Africa Isophorone Market
 - 10.5.3. Rest of Middle East & Africa Isophorone Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

- 11.1. Key Company SWOT Analysis
 - 11.1.1. BASF SE
 - 11.1.2. Evonik Industries AG
 - 11.1.3. Arkema Group
- 11.2. Top Market Strategies
- 11.3. Company Profiles
 - 11.3.1. BASF SE
 - 11.3.1.1. Key Information
 - 11.3.1.2. Overview
 - 11.3.1.3. Financial (Subject to Data Availability)
 - 11.3.1.4. Product Summary
 - 11.3.1.5. Market Strategies
 - 11.3.2. Evonik Industries AG
 - 11.3.3. Arkema Group
 - 11.3.4. Covestro AG
 - 11.3.5. Solvay S.A.
 - 11.3.6. Dow Inc.
 - 11.3.7. Wacker Chemie AG
 - 11.3.8. Eastman Chemical Company
 - 11.3.9. Mitsubishi Chemical Corporation
 - 11.3.10. Huntsman Corporation
 - 11.3.11. Koninklijke DSM N.V.
 - 11.3.12. Akzo Nobel N.V.
 - 11.3.13. Asahi Kasei Corporation
 - 11.3.14. Perstorp Holding AB
 - 11.3.15. LANXESS

CHAPTER 12. RESEARCH PROCESS

- 12.1. Research Process
 - 12.1.1. Data Mining
 - 12.1.2. Analysis

- 12.1.3. Market Estimation
- 12.1.4. Validation
- 12.1.5. Publishing
- 12.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Isophorone Market, Report Scope

TABLE 2. Global Isophorone Market Estimates & Forecasts by Region 2022-2032 (USD Million/Billion)

TABLE 3. Global Isophorone Market Estimates & Forecasts by Application 2022-2032 (USD Million/Billion)

TABLE 4. Global Isophorone Market Estimates & Forecasts by End-Use Industry 2022-2032 (USD Million/Billion)

TABLE 5. Global Isophorone Market Estimates & Forecasts by Manufacturing Process 2022-2032 (USD Million/Billion)

TABLE 6. Global Isophorone Market Estimates & Forecasts by Purity 2022-2032 (USD Million/Billion)

TABLE 7. Global Isophorone Market Estimates & Forecasts by Grade 2022-2032 (USD Million/Billion)

TABLE 8. Global Isophorone Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 9. Global Isophorone Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 10. Global Isophorone Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 11. Global Isophorone Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 12. Global Isophorone Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 13. Global Isophorone Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 14. Global Isophorone Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 15. U.S. Isophorone Market Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 16. U.S. Isophorone Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

TABLE 17. U.S. Isophorone Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

TABLE 18. Canada Isophorone Market Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 19. Canada Isophorone Market Estimates & Forecasts by Segment 2022-2032
(USD Million/Billion)

TABLE 20. Canada Isophorone Market Estimates & Forecasts by Segment 2022-2032
(USD Million/Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Isophorone Market, Research Methodology
- FIG 2. Global Isophorone Market, Market Estimation Techniques
- FIG 3. Global Market Size Estimates & Forecast Methods
- FIG 4. Global Isophorone Market, Key Trends 2023
- FIG 5. Global Isophorone Market, Growth Prospects 2022-2032
- FIG 6. Global Isophorone Market, Porter's 5 Force Model
- FIG 7. Global Isophorone Market, PESTEL Analysis
- FIG 8. Global Isophorone Market, Value Chain Analysis
- FIG 9. Global Isophorone Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 10. Global Isophorone Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 11. Global Isophorone Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 12. Global Isophorone Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 13. Global Isophorone Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 14. Global Isophorone Market, Regional Snapshot 2022 & 2032
- FIG 15. North America Isophorone Market 2022 & 2032 (USD Million/Billion)
- FIG 16. Europe Isophorone Market 2022 & 2032 (USD Million/Billion)
- FIG 17. Asia-Pacific Isophorone Market 2022 & 2032 (USD Million/Billion)
- FIG 18. Latin America Isophorone Market 2022 & 2032 (USD Million/Billion)
- FIG 19. Middle East & Africa Isophorone Market 2022 & 2032 (USD Million/Billion)
- FIG 20. Global Isophorone Market, Company Market Share Analysis (2023)

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