

Global Fluorene Market Size Study, by Product Type (High-Purity Fluorene, Technical-Grade Fluorene), by Grade (Pharmaceutical Grade, Industrial Grade), by Application (Pharmaceutical Intermediates, Polymers and Plastics, Agrochemicals, Electronics (OLEDs), Research and Development, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G96B7B401984EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G96B7B401984EN

Abstracts

The Global Fluorene Market is valued at approximately USD 1115.37 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.1% over the forecast period 2024-2034. Fluorene, known chemically as $(C_6H_4)_2CH_2$, is extensively utilized in the manufacturing of pharmaceuticals, plastics, and agrochemicals. The pharmaceutical sector has notably driven market expansion, especially in the wake of the COVID-19 pandemic, due to its critical role in antiviral drug production. Fluorene and its derivatives are also in high demand for the production of organic light-emitting diodes (OLEDs) and organic photovoltaic cells (OPVs), owing to their superior light emission properties and conductivity.

The increasing demand for $(C_6H_4)_2CH_2$ -based products in emerging economies such as India and China, supported by favorable government policies, is expected to propel the market. Manufacturers are focusing on research to discover novel applications for fluorene and developing derivatives with specific functionalities. Moreover, there is a growing shift towards sustainable production methods, with manufacturers exploring eco-friendly manufacturing procedures to meet the rising consumer demand for sustainable materials. However, the environmental impact of fluorene production procedures and stringent government regulations pose significant challenges. Compliance with these regulations often results in higher production costs and

constraints on specific techniques.

Fluorene's expanding application in biopharmaceuticals is gaining traction due to its unique chemical properties and its utility in drug research and development. Its pharmacological properties, including stability, solubility, and enhanced bioavailability, make it suitable for developing novel medications for various therapeutic conditions. Additionally, fluorene derivatives are being utilized in targeted drug delivery systems, reducing systemic adverse effects and improving patient compliance. The sector is significantly influenced by sustainability and regulatory compliance, impacting its operations, industry positioning, and long-term viability. Adherence to stringent regulations ensures public health, environmental protection, and product safety. The global shift towards renewable energy resources is expected to drive demand for fluorene and its derivatives, supporting the development of solar technologies.

The flourishing organic electronics industry, particularly the demand for OLED TVs, smartphones, and other displays, is anticipated to sustain demand for fluorene. The global expansion of the healthcare and pharmaceutical sectors is also expected to boost market growth. Countries with expanding pharmaceutical and electronics industries are likely to witness robust demand for fluorene, further supporting market expansion.

The key regions considered for the Global Fluorene Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Fluorene Market in terms of revenue. The growth of the Fluorene market in North America is supported by several key factors. These include increasing demand from various end-use industries such as pharmaceuticals, electronics, and plastics due to its versatile chemical properties. Additionally, technological advancements in production processes and the rising emphasis on sustainable and eco-friendly chemicals further drive market expansion. Moreover, favourable regulatory frameworks and a robust infrastructure for research and development contribute to the growth trajectory of Fluorene in the region. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period.

Major market players included in this report are:

GLPBIO Technology LLC

Santa Cruz Biotechnology, Inc.

JFE Chemical Corporation

Alpha Chemika

Xiaoyi JinJing Chemical Co., Ltd.

Alfa Aesar, Thermo Fisher Scientific

Hangzhou Longshine Bio-Tech Co., LTD

Central Drug House

Osaka Gas Chemicals Co., Ltd.

TCI Chemicals (India) Pvt. Ltd

Hangzhou MolCore BioPharmatech Co., Ltd.

Spectrum Chemical Manufacturing Corp.

Sankuaishi Chemical Factory

Zoucheng Qifa Chemical Co., Ltd.

Shandong Aoertong Chemical Co., Ltd.

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

By Product Type:

High-Purity Fluorene

Technical-Grade Fluorene

By Grade:

Pharmaceutical Grade

Industrial Grade

By Application:

Pharmaceutical Intermediates

Polymers and Plastics

Agrochemicals

Electronics (OLEDs)

Research and Development

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 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 approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL FLUORENE MARKET EXECUTIVE SUMMARY

- 1.1. Global Fluorene Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product Type
 - 1.3.2. By Grade
 - 1.3.3. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL FLUORENE 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 FLUORENE MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Demand in Pharmaceuticals
- 3.1.2. Advancements in Organic Electronics
- 3.1.3. Government Policies Supporting Production

3.2. Market Challenges

- 3.2.1. Environmental Impact and Regulations
- 3.2.2. High Compliance Costs

3.3. Market Opportunities

- 3.3.1. Expanding Applications in Biopharmaceuticals
- 3.3.2. Sustainable Production Methods
- 3.3.3. Growth in Emerging Economies

CHAPTER 4. GLOBAL FLUORENE 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 Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL FLUORENE MARKET SIZE & FORECASTS BY PRODUCT TYPE 2022-2032

5.1. Segment Dashboard

Global Fluorene Market Size Study, by Product Type (High-Purity Fluorene, Technical-Grade Fluorene), by Grade...

5.2. Global Fluorene Market: Product Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 5.2.1. High-Purity Fluorene
- 5.2.2. Technical-Grade Fluorene

CHAPTER 6. GLOBAL FLUORENE MARKET SIZE & FORECASTS BY GRADE 2022-2032

6.1. Segment Dashboard

6.2. Global Fluorene Market: Grade Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 6.2.1. Pharmaceutical Grade
- 6.2.2. Industrial Grade

CHAPTER 7. GLOBAL FLUORENE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

7.1. Segment Dashboard

7.2. Global Fluorene Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 7.2.1. Pharmaceutical Intermediates
- 7.2.2. Polymers and Plastics
- 7.2.3. Agrochemicals
- 7.2.4. Electronics (OLEDs)
- 7.2.5. Research and Development
- 7.2.6. Others

CHAPTER 8. GLOBAL FLUORENE MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Fluorene Market

- 8.1.1. U.S. Fluorene Market
 - 8.1.1.1. Product Type breakdown size & forecasts, 2022-2032
 - 8.1.1.2. Grade breakdown size & forecasts, 2022-2032
 - 8.1.1.3. Application breakdown size & forecasts, 2022-2032
- 8.1.2. Canada Fluorene Market

8.2. Europe Fluorene Market

- 8.2.1. U.K. Fluorene Market
- 8.2.2. Germany Fluorene Market

- 8.2.3. France Fluorene Market
- 8.2.4. Spain Fluorene Market
- 8.2.5. Italy Fluorene Market
- 8.2.6. Rest of Europe Fluorene Market
- 8.3. Asia-Pacific Fluorene Market
 - 8.3.1. China Fluorene Market
 - 8.3.2. India Fluorene Market
 - 8.3.3. Japan Fluorene Market
 - 8.3.4. Australia Fluorene Market
 - 8.3.5. South Korea Fluorene Market
 - 8.3.6. Rest of Asia Pacific Fluorene Market
- 8.4. Latin America Fluorene Market
 - 8.4.1. Brazil Fluorene Market
 - 8.4.2. Mexico Fluorene Market
 - 8.4.3. Rest of Latin America Fluorene Market
- 8.5. Middle East & Africa Fluorene Market
 - 8.5.1. Saudi Arabia Fluorene Market
 - 8.5.2. South Africa Fluorene Market
 - 8.5.3. Rest of Middle East & Africa Fluorene Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. GLPBIO Technology LLC
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Santa Cruz Biotechnology, Inc.
 - 9.3.3. JFE Chemical Corporation
 - 9.3.4. Alpha Chemika
 - 9.3.5. Xiaoyi JinJing Chemical Co., Ltd.
 - 9.3.6. Alfa Aesar, Thermo Fisher Scientific

- 9.3.7. Hangzhou Longshine Bio-Tech Co., LTD
- 9.3.8. Central Drug House
- 9.3.9. Osaka Gas Chemicals Co., Ltd.
- 9.3.10. TCI Chemicals (India) Pvt. Ltd
- 9.3.11. Hangzhou MolCore BioPharmatech Co., Ltd.
- 9.3.12. Spectrum Chemical Manufacturing Corp.
- 9.3.13 Sankuaishi Chemical Factory
- 9.3.14 Zoucheng Qifa Chemical Co., Ltd.
- 9.3.15 Shandong Aoertong Chemical Co., Ltd.

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Fluorene market, report scope

TABLE 2. Global Fluorene market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Fluorene market estimates & forecasts by Product Type 2022-2032 (USD Million)

TABLE 4. Global Fluorene market estimates & forecasts by Grade 2022-2032 (USD Million)

TABLE 5. Global Fluorene market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 6. Global Fluorene market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Global Fluorene market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global Fluorene market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global Fluorene market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global Fluorene market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Global Fluorene market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Global Fluorene market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Global Fluorene market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Global Fluorene market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. U.S. Fluorene market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. U.S. Fluorene market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. U.S. Fluorene market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. Canada Fluorene market estimates & forecasts, 2022-2032 (USD Million)

TABLE 19. Canada Fluorene market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Canada Fluorene market estimates & forecasts by segment 2022-2032
(USD Million)

.....

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 Fluorene market, research methodology
- FIG 2. Global Fluorene market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Fluorene market, key trends 2023
- FIG 5. Global Fluorene market, growth prospects 2022-2032
- FIG 6. Global Fluorene market, porters 5 force model
- FIG 7. Global Fluorene market, PESTEL analysis
- FIG 8. Global Fluorene market, value chain analysis
- FIG 9. Global Fluorene market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global Fluorene market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global Fluorene market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global Fluorene market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global Fluorene market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global Fluorene market, regional snapshot 2022 & 2032
- FIG 15. North America Fluorene market 2022 & 2032 (USD Million)
- FIG 16. Europe Fluorene market 2022 & 2032 (USD Million)
- FIG 17. Asia Pacific Fluorene market 2022 & 2032 (USD Million)
- FIG 18. Latin America Fluorene market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa Fluorene market 2022 & 2032 (USD Million)
- FIG 20. Global Fluorene market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Fluorene Market Size Study, by Product Type (High-Purity Fluorene, Technical-Grade Fluorene), by Grade (Pharmaceutical Grade, Industrial Grade), by Application (Pharmaceutical Intermediates, Polymers and Plastics, Agrochemicals, Electronics (OLEDs), Research and Development, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G96B7B401984EN.html>

Price: US\$ 4,950.00 (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/G96B7B401984EN.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