

# **Global 1,6-Hexanediol Diacrylate Market Size Study, by Grade (Monomer, Acrylates, Di-functional), by Application (Adhesives, Coatings, Castings, UV Cured Inks, Others), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G1BCA0786364EN.html>

Date: July 2024

Pages: 200

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

ID: G1BCA0786364EN

## **Abstracts**

The Global 1,6-Hexanediol Diacrylate Market is poised for substantial growth, projected to expand from USD 582.31 million in 2023 to an impressive USD 1002.1 million by 2032, reflecting a robust CAGR of 6.2% over the forecast period. 1,6-Hexanediol diacrylate, known for its superior mechanical, thermal, and chemical properties, is gaining traction as industries seek high-performance materials. The adoption of 3D printing technology across various industries further propels market growth, with 1,6-hexanediol diacrylate being a key component in photopolymer resins used in advanced printing processes. The market is driven by the increasing demand for advanced acrylate-based formulations in diverse sectors such as aerospace, electronics, and healthcare. The market's growth is also bolstered by the rising interest in bio-based alternatives due to environmental sustainability concerns. The development of bio-based 1,6-hexanediol diacrylate offers a promising avenue for market expansion, catering to the demand for renewable and biodegradable products.

The growing need for advanced acrylate-based formulations is significantly driving the demand for the global 1,6-Hexanediol Diacrylate (HDDA) market. HDDA is a vital crosslinking agent used in the production of high-performance polymers and resins, which are essential in various industries such as coatings, adhesives, and electronics. Its superior properties, including enhanced flexibility, chemical resistance, and durability, make it a preferred choice for developing advanced acrylate-based products. The surge in demand for UV-cured coatings and inks, driven by their environmental benefits and superior performance, further propels the HDDA market. Additionally, the rising need for high-quality adhesives in automotive and construction applications,

where robust bonding and longevity are crucial, boosts HDDA consumption. As industries continue to seek innovative materials to enhance product performance and sustainability, the demand for HDDA in advanced acrylate formulations is expected to grow steadily.

The key regions considered for the Global 1,6-Hexanediol Diacrylate Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. In 2023, North America dominates the market in terms of revenue. North America boasts a well-developed industrial base with a high demand for HDDA in various applications, including coatings, adhesives, and electronics. The region is at the forefront of technological innovations, enabling the development and adoption of advanced acrylate-based formulations that require HDDA for enhanced performance. The robust automotive and construction industries in North America drive the demand for high-performance adhesives and coatings, which rely on HDDA for their superior properties. The Asia-Pacific region anticipated to exhibit the highest CAGR during the forecast period 2024-2032.

Major Market Players Included in this Report:

Tetrahedron Scientific Inc.

Biosynth

Chemoteknik

Shin Nakamura Chemical

Kowa

Arkema

BASF SE

Lanxess Aktiengesellschaft

Linshui Nanming Chemical Co., Ltd

Perstorp AB

Ube Industries, Ltd.

The Detailed Segments and Sub-Segment of the Market are Explained Below:

By Grade:

Monomer

Acrylates

Di-functional

By Application:

Adhesives

Coatings  
Castings  
UV Cured Inks  
Others

By Region:  
North America  
U.S.  
Canada

Europe  
UK  
Germany  
France  
Italy  
Spain  
Rest of Europe

Asia-Pacific  
China  
Japan  
India  
South Korea  
Rest of Asia-Pacific

Latin America  
Brazil  
Argentina  
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 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 1,6-HEXANEDIOL DIACRYLATE MARKET EXECUTIVE SUMMARY**

- 1.1. Global 1,6-Hexanediol Diacrylate Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Grade
  - 1.3.2. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL 1,6-HEXANEDIOL DIACRYLATE 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 1,6-HEXANEDIOL DIACRYLATE MARKET DYNAMICS**

### 3.1. Market Drivers

3.1.1. Growing Need for Advanced Acrylate Based Formulations

3.1.2. Rise in Adoption of 3D Printing Technology

### 3.2. Market Challenges

3.2.1. High Investment Costs

### 3.3. Market Opportunities

3.3.1. Rising Interest in Bio-based Alternatives

3.3.2. Expansion in Automotive and Construction Sectors

## **CHAPTER 4. GLOBAL 1,6-HEXANEDIOL DIACRYLATE 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. Economic

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 1,6-HEXANEDIOL DIACRYLATE MARKET SIZE & FORECASTS BY GRADE 2022-2032**

### 5.1. Segment Dashboard

5.2. Global 1,6-Hexanediol Diacrylate Market: Grade Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 5.2.1. Monomer
- 5.2.2. Acrylates
- 5.2.3. Di-functional

## **CHAPTER 6. GLOBAL 1,6-HEXANEDIOL DIACRYLATE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

- 6.1. Segment Dashboard
- 6.2. Global 1,6-Hexanediol Diacrylate Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)
  - 6.2.1. Adhesives
  - 6.2.2. Coatings
  - 6.2.3. Castings
  - 6.2.4. UV Cured Inks
  - 6.2.5. Others

## **CHAPTER 7. GLOBAL 1,6-HEXANEDIOL DIACRYLATE MARKET SIZE & FORECASTS BY REGION 2022-2032**

- 7.1. North America 1,6-Hexanediol Diacrylate Market
  - 7.1.1. U.S. 1,6-Hexanediol Diacrylate Market
    - 7.1.1.1. Grade breakdown size & forecasts, 2022-2032
    - 7.1.1.2. Application breakdown size & forecasts, 2022-2032
  - 7.1.2. Canada 1,6-Hexanediol Diacrylate Market
    - 7.1.2.1. Grade breakdown size & forecasts, 2022-2032
    - 7.1.2.2. Application breakdown size & forecasts, 2022-2032
- 7.2. Europe 1,6-Hexanediol Diacrylate Market
  - 7.2.1. UK 1,6-Hexanediol Diacrylate Market
  - 7.2.2. Germany 1,6-Hexanediol Diacrylate Market
  - 7.2.3. France 1,6-Hexanediol Diacrylate Market
  - 7.2.4. Italy 1,6-Hexanediol Diacrylate Market
  - 7.2.5. Spain 1,6-Hexanediol Diacrylate Market
  - 7.2.6. Rest of Europe 1,6-Hexanediol Diacrylate Market
- 7.3. Asia-Pacific 1,6-Hexanediol Diacrylate Market
  - 7.3.1. China 1,6-Hexanediol Diacrylate Market
  - 7.3.2. Japan 1,6-Hexanediol Diacrylate Market
  - 7.3.3. India 1,6-Hexanediol Diacrylate Market
  - 7.3.4. Australia 1,6-Hexanediol Diacrylate Market
  - 7.3.5. South Korea 1,6-Hexanediol Diacrylate Market

- 7.3.6. Rest of Asia-Pacific 1,6-Hexanediol Diacrylate Market
- 7.4. Latin America 1,6-Hexanediol Diacrylate Market
  - 7.4.1. Brazil 1,6-Hexanediol Diacrylate Market
  - 7.4.2. Argentina 1,6-Hexanediol Diacrylate Market
  - 7.4.3. Rest of Latin America 1,6-Hexanediol Diacrylate Market
- 7.5. Middle East & Africa 1,6-Hexanediol Diacrylate Market
  - 7.5.1. South Africa 1,6-Hexanediol Diacrylate Market
  - 7.5.2. Saudi Arabia 1,6-Hexanediol Diacrylate Market
  - 7.5.4. Rest of Middle East & Africa 1,6-Hexanediol Diacrylate Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Tetrahedron Scientific Inc.
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. Biosynth
  - 8.3.3. Chemotechnique
  - 8.3.4. Shin Nakamura Chemical
  - 8.3.5. Kowa
  - 8.3.6. Arkema
  - 8.3.7. BASF SE
  - 8.3.8. Lanxess Aktiengesellschaft
  - 8.3.9. Linshui Nanming Chemical Co., Ltd
  - 8.3.10. Perstorp AB
  - 8.3.11. Ube Industries, Ltd.

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining



- 9.1.2. Analysis
- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing
- 9.2. Research Attributes

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global 1,6-Hexanediol Diacrylate market, report scope
- TABLE 2. Global 1,6-Hexanediol Diacrylate market estimates & forecasts by Region 2022-2032 (USD Million)
- TABLE 3. Global 1,6-Hexanediol Diacrylate market estimates & forecasts by Grade 2022-2032 (USD Million)
- TABLE 4. Global 1,6-Hexanediol Diacrylate market estimates & forecasts by Application 2022-2032 (USD Million)
- TABLE 5. Global 1,6-Hexanediol Diacrylate market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 6. Global 1,6-Hexanediol Diacrylate market by region, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 7. Global 1,6-Hexanediol Diacrylate market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 8. Global 1,6-Hexanediol Diacrylate market by region, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 9. Global 1,6-Hexanediol Diacrylate market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 10. Global 1,6-Hexanediol Diacrylate market by region, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 11. Global 1,6-Hexanediol Diacrylate market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 12. Global 1,6-Hexanediol Diacrylate market by region, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 13. Global 1,6-Hexanediol Diacrylate market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 14. Global 1,6-Hexanediol Diacrylate market by region, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 15. U.S. 1,6-Hexanediol Diacrylate market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 16. U.S. 1,6-Hexanediol Diacrylate market estimates & forecasts by segment 2022-2032 (USD Million)
- TABLE 17. U.S. 1,6-Hexanediol Diacrylate market estimates & forecasts by segment 2022-2032 (USD Million)
- TABLE 18. Canada 1,6-Hexanediol Diacrylate market estimates & forecasts, 2022-2032 (USD Million)

TABLE 19. Canada 1,6-Hexanediol Diacrylate market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Canada 1,6-Hexanediol Diacrylate 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 1,6-Hexanediol Diacrylate market, research methodology
- FIG 2. Global 1,6-Hexanediol Diacrylate market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global 1,6-Hexanediol Diacrylate market, key trends 2023
- FIG 5. Global 1,6-Hexanediol Diacrylate market, growth prospects 2022-2032
- FIG 6. Global 1,6-Hexanediol Diacrylate market, porters 5 force model
- FIG 7. Global 1,6-Hexanediol Diacrylate market, PESTEL analysis
- FIG 8. Global 1,6-Hexanediol Diacrylate market, value chain analysis
- FIG 9. Global 1,6-Hexanediol Diacrylate market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global 1,6-Hexanediol Diacrylate market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global 1,6-Hexanediol Diacrylate market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global 1,6-Hexanediol Diacrylate market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global 1,6-Hexanediol Diacrylate market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global 1,6-Hexanediol Diacrylate market, regional snapshot 2022 & 2032
- FIG 15. North America 1,6-Hexanediol Diacrylate market 2022 & 2032 (USD Million)
- FIG 16. Europe 1,6-Hexanediol Diacrylate market 2022 & 2032 (USD Million)
- FIG 17. Asia pacific 1,6-Hexanediol Diacrylate market 2022 & 2032 (USD Million)
- FIG 18. Latin America 1,6-Hexanediol Diacrylate market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa 1,6-Hexanediol Diacrylate market 2022 & 2032 (USD Million)
- FIG 20. Global 1,6-Hexanediol Diacrylate 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 1,6-Hexanediol Diacrylate Market Size Study, by Grade (Monomer, Acrylates, Di-functional), by Application (Adhesives, Coatings, Castings, UV Cured Inks, Others), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G1BCA0786364EN.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](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/G1BCA0786364EN.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