

Global Glycerol Derivatives Market Size study & Forecast, by Grade (Bio-based, Petroleum-based) by Product (4-(hydroxymethyl)-1,3-dioxolan-2-one, Polyglycerol, Propane-1,2,3-triyl triacetate, 1,3-propanediol, Propylene Glycol, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Glycerol Derivatives Market is valued at approximately USD 15 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.5% over the forecast period 2022-2029. Glycerol Derivatives are a combination of chemicals produced from glycerol, which is a prochiral of a couple of alcohols. Several products such as propylene glycol, glycerol ester, glycerol carbonate, glyceric acid, and more come under glycerol derivatives. Glycerol is a byproduct of the biodiesel production process and is also produced as a result of the hydrolysis of fats and oils. Glycerol derivatives have various applications in the pharmaceutical, personal care, food and beverage, and chemical industries. Increasing demand for sustainable and eco-friendly products, increased demand for hand sanitizers & personal care products, rising demand for biobased chemicals, and increasing use of propylene glycol in various industries are the factors driving the growth of the market.

According to the Climate Action Organization, global interest and concern for nature have risen by around 16% between 2016-2020 and amid the covid-19 pandemic. It was estimated that there was about a 60% global rise in Twitter posts related to biodiversity and nature in the year 2016-2020. The concern for preserving nature in individuals is rising at a high pace, therefore increasing the demand for sustainable and eco-friendly products. Additionally, glycerol derivatives are used in hand sanitizers to protect skin against dryness. In the U.S., the hand sanitizer market was estimated to be about

618.30m US dollars in the year 2023. The global market for hand sanitizers was around 3.08 billion US dollars in the year 2023. Hence, increasing demand for sustainable and eco-friendly products, and increasing demand for hand sanitizers & personal care products are the major factors driving the market growth. Other important components driving market increase are the rising demand for biobased chemicals and the increasing use of propylene glycol in various industries. Furthermore, the rising food & beverage industry and increasing use of glycerol derivatives in construction and transportation are the factors creating major market opportunities in the forecast period. However, the availability of alternatives of Glycerol Derivatives stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Glycerol Derivatives Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to the rise in the demand for bio-based products, increasing demand for personal care & pharmaceutical products in major countries such as India and China, the rising food manufacturing sector, and increasing production & consumption of glycerol derivatives in the region. Europe is expected to grow at the highest CAGR during the forecast period, owing to factors such as the dominance of key players, increasing production of glycerol derivatives, rising demand for biofuels, and rising biodiesel production in the region.

Major market player included in this report are:

Zhangjiagang Glory Biomaterial Co., Ltd.

Shell Chemical LP

Tokyo Chemical Industry Co., Ltd.

DuPont de Nemours, Inc.Solvay

Croda International Plc

Cargill, Incorporated

Primient Covation LLC

Haihang Industry Co., Ltd

Sakamoto Yakuhin kogyo Co., Ltd.

Recent Developments in the Market:

In September 2022 , Jiutai Energy (Zhangjiagang) Co., Ltd. Introduced 30,000 t/a poly trimethylene terephthalate (PTT) a new bio-based material, which got approved by the local authority on the environmental impact (EI).

In March 2020, Shell Global announced that they have increased the production of key ingredients used in the formation of soap and sanitizers to help and support the continuous supply of these products amid the covid-19 pandemic.

Global Glycerol Derivatives Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Grade, Product, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Grade offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Grade:

Bio-based

Petroleum-based

By Product:

4-(hydroxymethyl)-1,3-dioxolan-2-one

Polyglycerol

Propane-1,2,3-triyl triacetate

1,3-propanediol

Propylene Glycol

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
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Glycerol Derivatives Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Glycerol Derivatives Market, by Grade, 2019-2029 (USD Billion)
 - 1.2.3. Glycerol Derivatives Market, by Product, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL GLYCEROL DERIVATIVES MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL GLYCEROL DERIVATIVES MARKET DYNAMICS

- 3.1. Glycerol Derivatives Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand for sustainable and eco-friendly products
 - 3.1.1.2. Increased demand for hand sanitizers & personal care products
 - 3.1.2. Market Challenges
 - 3.1.2.1. Availability of alternatives
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising food & beverage industry
 - 3.1.3.2. Increasing use of glycerol derivatives in construction and transportation

CHAPTER 4. GLOBAL GLYCEROL DERIVATIVES 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL GLYCEROL DERIVATIVES MARKET, BY GRADE

- 6.1. Market Snapshot
- 6.2. Global Glycerol Derivatives Market by Grade, Performance - Potential Analysis
- 6.3. Global Glycerol Derivatives Market Estimates & Forecasts by Grade 2019-2029 (USD Billion)
- 6.4. Glycerol Derivatives Market, Sub Segment Analysis
 - 6.4.1. Bio-based
 - 6.4.2. Petroleum-based

CHAPTER 7. GLOBAL GLYCEROL DERIVATIVES MARKET, BY PRODUCT

- 7.1. Market Snapshot
- 7.2. Global Glycerol Derivatives Market by Product, Performance - Potential Analysis
- 7.3. Global Glycerol Derivatives Market Estimates & Forecasts by Product 2019-2029 (USD Billion)
- 7.4. Glycerol Derivatives Market, Sub Segment Analysis
 - 7.4.1. 4-(hydroxymethyl)-1,3-dioxolan-2-one
 - 7.4.2. Polyglycerol

- 7.4.3. Propane-1 2 3-triyl triacetate
- 7.4.4. 1 3 propanediol
- 7.4.5. Propylene Glycol
- 7.4.6. Others

CHAPTER 8. GLOBAL GLYCEROL DERIVATIVES MARKET, REGIONAL ANALYSIS

- 8.1. Glycerol Derivatives Market, Regional Market Snapshot
- 8.2. North America Glycerol Derivatives Market
 - 8.2.1. U.S. Glycerol Derivatives Market
 - 8.2.1.1. Grade breakdown estimates & forecasts, 2019-2029
 - 8.2.1.2. Product breakdown estimates & forecasts, 2019-2029
 - 8.2.2. Canada Glycerol Derivatives Market
- 8.3. Europe Glycerol Derivatives Market Snapshot
 - 8.3.1. U.K. Glycerol Derivatives Market
 - 8.3.2. Germany Glycerol Derivatives Market
 - 8.3.3. France Glycerol Derivatives Market
 - 8.3.4. Spain Glycerol Derivatives Market
 - 8.3.5. Italy Glycerol Derivatives Market
 - 8.3.6. Rest of Europe Glycerol Derivatives Market
- 8.4. Asia-Pacific Glycerol Derivatives Market Snapshot
 - 8.4.1. China Glycerol Derivatives Market
 - 8.4.2. India Glycerol Derivatives Market
 - 8.4.3. Japan Glycerol Derivatives Market
 - 8.4.4. Australia Glycerol Derivatives Market
 - 8.4.5. South Korea Glycerol Derivatives Market
 - 8.4.6. Rest of Asia Pacific Glycerol Derivatives Market
- 8.5. Latin America Glycerol Derivatives Market Snapshot
 - 8.5.1. Brazil Glycerol Derivatives Market
 - 8.5.2. Mexico Glycerol Derivatives Market
- 8.6. Rest of The World Glycerol Derivatives Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Zhangjiagang Glory Biomaterial Co., Ltd.
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview

- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Shell Chemical LP
- 9.2.3. Tokyo Chemical Industry Co., Ltd.
- 9.2.4. DuPont de Nemours, Inc.
- 9.2.5. Solvay
- 9.2.6. Croda International Plc
- 9.2.7. Cargill, Incorporated
- 9.2.8. Primient Covation LLC
- 9.2.9. Haihang Industry Co., Ltd
- 9.2.10. Sakamoto Yakuhin kogyo 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
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Glycerol Derivatives Market, report scope

TABLE 2. Global Glycerol Derivatives Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Glycerol Derivatives Market estimates & forecasts by Grade 2019-2029 (USD Billion)

TABLE 4. Global Glycerol Derivatives Market estimates & forecasts by Product 2019-2029 (USD Billion)

TABLE 5. Global Glycerol Derivatives Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Glycerol Derivatives Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Glycerol Derivatives Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Glycerol Derivatives Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Glycerol Derivatives Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Glycerol Derivatives Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Glycerol Derivatives Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Glycerol Derivatives Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Glycerol Derivatives Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Glycerol Derivatives Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Glycerol Derivatives Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Glycerol Derivatives Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 59. Brazil Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 60. Mexico Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 61. Mexico Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 62. Mexico Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 63. RoLA Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 64. RoLA Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 65. RoLA Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 66. Row Glycerol Derivatives Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 67. Row Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 68. Row Glycerol Derivatives Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Glycerol Derivatives
Market

TABLE 70. List of primary sources, used in the study of global Glycerol Derivatives
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Glycerol Derivatives Market, research methodology
 - FIG 2. Global Glycerol Derivatives Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Glycerol Derivatives Market, key trends 2021
 - FIG 5. Global Glycerol Derivatives Market, growth prospects 2022-2029
 - FIG 6. Global Glycerol Derivatives Market, porters 5 force model
 - FIG 7. Global Glycerol Derivatives Market, pest analysis
 - FIG 8. Global Glycerol Derivatives Market, value chain analysis
 - FIG 9. Global Glycerol Derivatives Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Glycerol Derivatives Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Glycerol Derivatives Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Glycerol Derivatives Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Glycerol Derivatives Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Glycerol Derivatives Market, regional snapshot 2019 & 2029
 - FIG 15. North America Glycerol Derivatives Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Glycerol Derivatives Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Glycerol Derivatives Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Glycerol Derivatives Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Glycerol Derivatives Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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