

Bio-based 1,3-Propanediol Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/BC170E18CD38EN.html>

Date: April 2022

Pages: 71

Price: US\$ 3,250.00 (Single User License)

ID: BC170E18CD38EN

Abstracts

This report contains market size and forecasts of Bio-based 1,3-Propanediol in global, including the following market information:

Global Bio-based 1,3-Propanediol Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Bio-based 1,3-Propanediol Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Bio-based 1,3-Propanediol companies in 2021 (%)

The global Bio-based 1,3-Propanediol market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Corn Starch Glucose Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Bio-based 1,3-Propanediol include DuPont, Glory Biomaterial and Shenghong Group, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Bio-based 1,3-Propanediol manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent

development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Bio-based 1,3-Propanediol Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Bio-based 1,3-Propanediol Market Segment Percentages, by Type, 2021 (%)

Corn Starch Glucose

Palm Oil Derived Glycerin

Global Bio-based 1,3-Propanediol Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Bio-based 1,3-Propanediol Market Segment Percentages, by Application, 2021 (%)

Cosmetics

Pharmaceutical Intermediates

Polyether Polyol

Coating

Other

Global Bio-based 1,3-Propanediol Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Bio-based 1,3-Propanediol Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Bio-based 1,3-Propanediol revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Bio-based 1,3-Propanediol revenues share in global market, 2021 (%)

Key companies Bio-based 1,3-Propanediol sales in global market, 2017-2022
(Estimated), (Tons)

Key companies Bio-based 1,3-Propanediol sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

DuPont

Glory Biomaterial

Shenghong Group

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Bio-based 1,3-Propanediol Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Bio-based 1,3-Propanediol Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL BIO-BASED 1,3-PROPANEDIOL OVERALL MARKET SIZE

- 2.1 Global Bio-based 1,3-Propanediol Market Size: 2021 VS 2028
- 2.2 Global Bio-based 1,3-Propanediol Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Bio-based 1,3-Propanediol Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Bio-based 1,3-Propanediol Players in Global Market
- 3.2 Top Global Bio-based 1,3-Propanediol Companies Ranked by Revenue
- 3.3 Global Bio-based 1,3-Propanediol Revenue by Companies
- 3.4 Global Bio-based 1,3-Propanediol Sales by Companies
- 3.5 Global Bio-based 1,3-Propanediol Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Bio-based 1,3-Propanediol Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Bio-based 1,3-Propanediol Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Bio-based 1,3-Propanediol Players in Global Market
 - 3.8.1 List of Global Tier 1 Bio-based 1,3-Propanediol Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Bio-based 1,3-Propanediol Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Bio-based 1,3-Propanediol Market Size Markets, 2021 & 2028
- 4.1.2 Corn Starch Glucose
- 4.1.3 Palm Oil Derived Glycerin
- 4.2 By Type - Global Bio-based 1,3-Propanediol Revenue & Forecasts
 - 4.2.1 By Type - Global Bio-based 1,3-Propanediol Revenue, 2017-2022
 - 4.2.2 By Type - Global Bio-based 1,3-Propanediol Revenue, 2023-2028
 - 4.2.3 By Type - Global Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028
- 4.3 By Type - Global Bio-based 1,3-Propanediol Sales & Forecasts
 - 4.3.1 By Type - Global Bio-based 1,3-Propanediol Sales, 2017-2022
 - 4.3.2 By Type - Global Bio-based 1,3-Propanediol Sales, 2023-2028
 - 4.3.3 By Type - Global Bio-based 1,3-Propanediol Sales Market Share, 2017-2028
- 4.4 By Type - Global Bio-based 1,3-Propanediol Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global Bio-based 1,3-Propanediol Market Size, 2021 & 2028
- 5.1.2 Cosmetics
- 5.1.3 Pharmaceutical Intermediates
- 5.1.4 Polyether Polyol
- 5.1.5 Coating
- 5.1.6 Other
- 5.2 By Application - Global Bio-based 1,3-Propanediol Revenue & Forecasts
 - 5.2.1 By Application - Global Bio-based 1,3-Propanediol Revenue, 2017-2022
 - 5.2.2 By Application - Global Bio-based 1,3-Propanediol Revenue, 2023-2028
 - 5.2.3 By Application - Global Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028
- 5.3 By Application - Global Bio-based 1,3-Propanediol Sales & Forecasts
 - 5.3.1 By Application - Global Bio-based 1,3-Propanediol Sales, 2017-2022
 - 5.3.2 By Application - Global Bio-based 1,3-Propanediol Sales, 2023-2028
 - 5.3.3 By Application - Global Bio-based 1,3-Propanediol Sales Market Share, 2017-2028
- 5.4 By Application - Global Bio-based 1,3-Propanediol Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Bio-based 1,3-Propanediol Market Size, 2021 & 2028

6.2 By Region - Global Bio-based 1,3-Propanediol Revenue & Forecasts

6.2.1 By Region - Global Bio-based 1,3-Propanediol Revenue, 2017-2022

6.2.2 By Region - Global Bio-based 1,3-Propanediol Revenue, 2023-2028

6.2.3 By Region - Global Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028

6.3 By Region - Global Bio-based 1,3-Propanediol Sales & Forecasts

6.3.1 By Region - Global Bio-based 1,3-Propanediol Sales, 2017-2022

6.3.2 By Region - Global Bio-based 1,3-Propanediol Sales, 2023-2028

6.3.3 By Region - Global Bio-based 1,3-Propanediol Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Bio-based 1,3-Propanediol Revenue, 2017-2028

6.4.2 By Country - North America Bio-based 1,3-Propanediol Sales, 2017-2028

6.4.3 US Bio-based 1,3-Propanediol Market Size, 2017-2028

6.4.4 Canada Bio-based 1,3-Propanediol Market Size, 2017-2028

6.4.5 Mexico Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Bio-based 1,3-Propanediol Revenue, 2017-2028

6.5.2 By Country - Europe Bio-based 1,3-Propanediol Sales, 2017-2028

6.5.3 Germany Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5.4 France Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5.5 U.K. Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5.6 Italy Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5.7 Russia Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5.8 Nordic Countries Bio-based 1,3-Propanediol Market Size, 2017-2028

6.5.9 Benelux Bio-based 1,3-Propanediol Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Bio-based 1,3-Propanediol Revenue, 2017-2028

6.6.2 By Region - Asia Bio-based 1,3-Propanediol Sales, 2017-2028

6.6.3 China Bio-based 1,3-Propanediol Market Size, 2017-2028

6.6.4 Japan Bio-based 1,3-Propanediol Market Size, 2017-2028

6.6.5 South Korea Bio-based 1,3-Propanediol Market Size, 2017-2028

6.6.6 Southeast Asia Bio-based 1,3-Propanediol Market Size, 2017-2028

6.6.7 India Bio-based 1,3-Propanediol Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Bio-based 1,3-Propanediol Revenue, 2017-2028

6.7.2 By Country - South America Bio-based 1,3-Propanediol Sales, 2017-2028

6.7.3 Brazil Bio-based 1,3-Propanediol Market Size, 2017-2028

6.7.4 Argentina Bio-based 1,3-Propanediol Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Bio-based 1,3-Propanediol Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Bio-based 1,3-Propanediol Sales, 2017-2028

6.8.3 Turkey Bio-based 1,3-Propanediol Market Size, 2017-2028

6.8.4 Israel Bio-based 1,3-Propanediol Market Size, 2017-2028

6.8.5 Saudi Arabia Bio-based 1,3-Propanediol Market Size, 2017-2028

6.8.6 UAE Bio-based 1,3-Propanediol Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 DuPont

7.1.1 DuPont Corporate Summary

7.1.2 DuPont Business Overview

7.1.3 DuPont Bio-based 1,3-Propanediol Major Product Offerings

7.1.4 DuPont Bio-based 1,3-Propanediol Sales and Revenue in Global (2017-2022)

7.1.5 DuPont Key News

7.2 Glory Biomaterial

7.2.1 Glory Biomaterial Corporate Summary

7.2.2 Glory Biomaterial Business Overview

7.2.3 Glory Biomaterial Bio-based 1,3-Propanediol Major Product Offerings

7.2.4 Glory Biomaterial Bio-based 1,3-Propanediol Sales and Revenue in Global (2017-2022)

7.2.5 Glory Biomaterial Key News

7.3 Shenghong Group

7.3.1 Shenghong Group Corporate Summary

7.3.2 Shenghong Group Business Overview

7.3.3 Shenghong Group Bio-based 1,3-Propanediol Major Product Offerings

7.3.4 Shenghong Group Bio-based 1,3-Propanediol Sales and Revenue in Global (2017-2022)

7.3.5 Shenghong Group Key News

8 GLOBAL BIO-BASED 1,3-PROPANEDIOL PRODUCTION CAPACITY, ANALYSIS

8.1 Global Bio-based 1,3-Propanediol Production Capacity, 2017-2028

8.2 Bio-based 1,3-Propanediol Production Capacity of Key Manufacturers in Global Market

8.3 Global Bio-based 1,3-Propanediol Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 BIO-BASED 1,3-PROPANEDIOL SUPPLY CHAIN ANALYSIS

10.1 Bio-based 1,3-Propanediol Industry Value Chain

10.2 Bio-based 1,3-Propanediol Upstream Market

10.3 Bio-based 1,3-Propanediol Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Bio-based 1,3-Propanediol Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Bio-based 1,3-Propanediol in Global Market

Table 2. Top Bio-based 1,3-Propanediol Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Bio-based 1,3-Propanediol Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Bio-based 1,3-Propanediol Revenue Share by Companies, 2017-2022

Table 5. Global Bio-based 1,3-Propanediol Sales by Companies, (Tons), 2017-2022

Table 6. Global Bio-based 1,3-Propanediol Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Bio-based 1,3-Propanediol Price (2017-2022) & (US\$/Ton)

Table 8. Global Manufacturers Bio-based 1,3-Propanediol Product Type

Table 9. List of Global Tier 1 Bio-based 1,3-Propanediol Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Bio-based 1,3-Propanediol Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Bio-based 1,3-Propanediol Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Bio-based 1,3-Propanediol Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Bio-based 1,3-Propanediol Sales (Tons), 2017-2022

Table 15. By Type - Global Bio-based 1,3-Propanediol Sales (Tons), 2023-2028

Table 16. By Application – Global Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Bio-based 1,3-Propanediol Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Bio-based 1,3-Propanediol Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Bio-based 1,3-Propanediol Sales (Tons), 2017-2022

Table 20. By Application - Global Bio-based 1,3-Propanediol Sales (Tons), 2023-2028

Table 21. By Region – Global Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Bio-based 1,3-Propanediol Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Bio-based 1,3-Propanediol Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Bio-based 1,3-Propanediol Sales (Tons), 2017-2022

Table 25. By Region - Global Bio-based 1,3-Propanediol Sales (Tons), 2023-2028

Table 26. By Country - North America Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Bio-based 1,3-Propanediol Sales, (Tons), 2017-2022

Table 29. By Country - North America Bio-based 1,3-Propanediol Sales, (Tons), 2023-2028

Table 30. By Country - Europe Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Bio-based 1,3-Propanediol Sales, (Tons), 2017-2022

Table 33. By Country - Europe Bio-based 1,3-Propanediol Sales, (Tons), 2023-2028

Table 34. By Region - Asia Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Bio-based 1,3-Propanediol Sales, (Tons), 2017-2022

Table 37. By Region - Asia Bio-based 1,3-Propanediol Sales, (Tons), 2023-2028

Table 38. By Country - South America Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Bio-based 1,3-Propanediol Sales, (Tons), 2017-2022

Table 41. By Country - South America Bio-based 1,3-Propanediol Sales, (Tons), 2023-2028

Table 42. By Country - Middle East & Africa Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Bio-based 1,3-Propanediol Sales, (Tons), 2017-2022

Table 45. By Country - Middle East & Africa Bio-based 1,3-Propanediol Sales, (Tons), 2023-2028

Table 46. DuPont Corporate Summary

Table 47. DuPont Bio-based 1,3-Propanediol Product Offerings

Table 48. DuPont Bio-based 1,3-Propanediol Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

- Table 49. Glory Biomaterial Corporate Summary
- Table 50. Glory Biomaterial Bio-based 1,3-Propanediol Product Offerings
- Table 51. Glory Biomaterial Bio-based 1,3-Propanediol Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 52. Shenghong Group Corporate Summary
- Table 53. Shenghong Group Bio-based 1,3-Propanediol Product Offerings
- Table 54. Shenghong Group Bio-based 1,3-Propanediol Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 55. Bio-based 1,3-Propanediol Production Capacity (Tons) of Key Manufacturers in Global Market, 2020-2022 (Tons)
- Table 56. Global Bio-based 1,3-Propanediol Capacity Market Share of Key Manufacturers, 2020-2022
- Table 57. Global Bio-based 1,3-Propanediol Production by Region, 2017-2022 (Tons)
- Table 58. Global Bio-based 1,3-Propanediol Production by Region, 2023-2028 (Tons)
- Table 59. Bio-based 1,3-Propanediol Market Opportunities & Trends in Global Market
- Table 60. Bio-based 1,3-Propanediol Market Drivers in Global Market
- Table 61. Bio-based 1,3-Propanediol Market Restraints in Global Market
- Table 62. Bio-based 1,3-Propanediol Raw Materials
- Table 63. Bio-based 1,3-Propanediol Raw Materials Suppliers in Global Market
- Table 64. Typical Bio-based 1,3-Propanediol Downstream
- Table 65. Bio-based 1,3-Propanediol Downstream Clients in Global Market
- Table 66. Bio-based 1,3-Propanediol Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

Figure 1. Bio-based 1,3-Propanediol Segment by Type

Figure 2. Bio-based 1,3-Propanediol Segment by Application

Figure 3. Global Bio-based 1,3-Propanediol Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Bio-based 1,3-Propanediol Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Bio-based 1,3-Propanediol Revenue, 2017-2028 (US\$, Mn)

Figure 7. Bio-based 1,3-Propanediol Sales in Global Market: 2017-2028 (Tons)

Figure 8. The Top 3 and 5 Players Market Share by Bio-based 1,3-Propanediol Revenue in 2021

Figure 9. By Type - Global Bio-based 1,3-Propanediol Sales Market Share, 2017-2028

Figure 10. By Type - Global Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028

Figure 11. By Type - Global Bio-based 1,3-Propanediol Price (US\$/Ton), 2017-2028

Figure 12. By Application - Global Bio-based 1,3-Propanediol Sales Market Share, 2017-2028

Figure 13. By Application - Global Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028

Figure 14. By Application - Global Bio-based 1,3-Propanediol Price (US\$/Ton), 2017-2028

Figure 15. By Region - Global Bio-based 1,3-Propanediol Sales Market Share, 2017-2028

Figure 16. By Region - Global Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028

Figure 17. By Country - North America Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028

Figure 18. By Country - North America Bio-based 1,3-Propanediol Sales Market Share, 2017-2028

Figure 19. US Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Bio-based 1,3-Propanediol Sales Market Share, 2017-2028

Figure 24. Germany Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028

- Figure 25. France Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Bio-based 1,3-Propanediol Sales Market Share, 2017-2028
- Figure 33. China Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Bio-based 1,3-Propanediol Sales Market Share, 2017-2028
- Figure 40. Brazil Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Bio-based 1,3-Propanediol Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Bio-based 1,3-Propanediol Sales Market Share, 2017-2028
- Figure 44. Turkey Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Bio-based 1,3-Propanediol Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Bio-based 1,3-Propanediol Production Capacity (Tons), 2017-2028
- Figure 49. The Percentage of Production Bio-based 1,3-Propanediol by Region, 2021 VS 2028
- Figure 50. Bio-based 1,3-Propanediol Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: Bio-based 1,3-Propanediol Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/BC170E18CD38EN.html>

Price: US\$ 3,250.00 (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/BC170E18CD38EN.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