

Bio-based 1,3-Butanediol Market - Global Outlook and Forecast 2021-2027

<https://marketpublishers.com/r/BEF9F111254FEN.html>

Date: March 2021

Pages: 90

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

ID: BEF9F111254FEN

Abstracts

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

Global Bio-based 1,3-Butanediol Market Revenue, 2016-2021, 2022-2027, (\$ millions)

Global Bio-based 1,3-Butanediol Market Sales, 2016-2021, 2022-2027, (MT)

Global top five Bio-based 1,3-Butanediol companies in 2020 (%)

The global Bio-based 1,3-Butanediol market was valued at xx million in 2020 and is projected to reach US\$ xx million by 2027, at a CAGR of xx% during the forecast period.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Bio-based 1,3-Butanediol 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-Butanediol Market, By Type, 2016-2021, 2022-2027 (\$ Millions) & (MT)

Global Bio-based 1,3-Butanediol Market Segment Percentages, By Type, 2020 (%)

Industrial Grade

Cosmetic Grade

Global Bio-based 1,3-Butanediol Market, By Application, 2016-2021, 2022-2027 (\$ Millions) & (MT)

Global Bio-based 1,3-Butanediol Market Segment Percentages, By Application, 2020 (%)

Cosmetic

Polyester Resins

Plasticizers

Aerospace

Food

Others

Global Bio-based 1,3-Butanediol Market, By Region and Country, 2016-2021, 2022-2027 (\$ Millions) & (MT)

Global Bio-based 1,3-Butanediol Market Segment Percentages, By Region and Country, 2020 (%)

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-Butanediol revenues in global market, 2016-2021
(Estimated), (\$ millions)

Key companies Bio-based 1,3-Butanediol revenues share in global market, 2020 (%)

Key companies Bio-based 1,3-Butanediol sales in global market, 2016-2021
(Estimated), (MT)

Key companies Bio-based 1,3-Butanediol sales share in global market, 2020 (%)

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

Kokyu Alcohol

Godavari

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Bio-based 1,3-Butanediol 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-Butanediol 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-BUTANEDIOL OVERALL MARKET SIZE

- 2.1 Global Bio-based 1,3-Butanediol Market Size: 2021 VS 2027
- 2.2 Global Bio-based 1,3-Butanediol Revenue, Prospects & Forecasts: 2016-2027
- 2.3 Global Bio-based 1,3-Butanediol Sales (Consumption): 2016-2027

3 COMPANY LANDSCAPE

- 3.1 Top Bio-based 1,3-Butanediol Players in Global Market
- 3.2 Top Global Bio-based 1,3-Butanediol Companies Ranked by Revenue
- 3.3 Global Bio-based 1,3-Butanediol Revenue by Companies
- 3.4 Global Bio-based 1,3-Butanediol Sales by Companies
- 3.5 Global Bio-based 1,3-Butanediol Price by Manufacturer (2016-2021)
- 3.6 Top 3 and Top 5 Bio-based 1,3-Butanediol Companies in Global Market, by Revenue in 2020
- 3.7 Global Manufacturers Bio-based 1,3-Butanediol Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Bio-based 1,3-Butanediol Players in Global Market
 - 3.8.1 List of Global Tier 1 Bio-based 1,3-Butanediol Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Bio-based 1,3-Butanediol Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Bio-based 1,3-Butanediol Market Size Markets, 2021 & 2027
- 4.1.2 Industrial Grade
- 4.1.3 Cosmetic Grade
- 4.2 By Type - Global Bio-based 1,3-Butanediol Revenue & Forecasts
 - 4.2.1 By Type - Global Bio-based 1,3-Butanediol Revenue, 2016-2021
 - 4.2.2 By Type - Global Bio-based 1,3-Butanediol Revenue, 2022-2027
 - 4.2.3 By Type - Global Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027
- 4.3 By Type - Global Bio-based 1,3-Butanediol Sales & Forecasts
 - 4.3.1 By Type - Global Bio-based 1,3-Butanediol Sales, 2016-2021
 - 4.3.2 By Type - Global Bio-based 1,3-Butanediol Sales, 2022-2027
 - 4.3.3 By Type - Global Bio-based 1,3-Butanediol Sales Market Share, 2016-2027
- 4.4 By Type - Global Bio-based 1,3-Butanediol Price (Manufacturers Selling Prices), 2016-2027

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global Bio-based 1,3-Butanediol Market Size, 2021 & 2027
 - 5.1.2 Cosmetic
 - 5.1.3 Polyester Resins
 - 5.1.4 Plasticizers
 - 5.1.5 Aerospace
 - 5.1.6 Food
 - 5.1.7 Others
- 5.2 By Application - Global Bio-based 1,3-Butanediol Revenue & Forecasts
 - 5.2.1 By Application - Global Bio-based 1,3-Butanediol Revenue, 2016-2021
 - 5.2.2 By Application - Global Bio-based 1,3-Butanediol Revenue, 2022-2027
 - 5.2.3 By Application - Global Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027
- 5.3 By Application - Global Bio-based 1,3-Butanediol Sales & Forecasts
 - 5.3.1 By Application - Global Bio-based 1,3-Butanediol Sales, 2016-2021
 - 5.3.2 By Application - Global Bio-based 1,3-Butanediol Sales, 2022-2027
 - 5.3.3 By Application - Global Bio-based 1,3-Butanediol Sales Market Share, 2016-2027
- 5.4 By Application - Global Bio-based 1,3-Butanediol Price (Manufacturers Selling Prices), 2016-2027

6 SIGHTS BY REGION

- 6.1 By Region - Global Bio-based 1,3-Butanediol Market Size, 2021 & 2027
- 6.2 By Region - Global Bio-based 1,3-Butanediol Revenue & Forecasts
 - 6.2.1 By Region - Global Bio-based 1,3-Butanediol Revenue, 2016-2021
 - 6.2.2 By Region - Global Bio-based 1,3-Butanediol Revenue, 2022-2027
 - 6.2.3 By Region - Global Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027
- 6.3 By Region - Global Bio-based 1,3-Butanediol Sales & Forecasts
 - 6.3.1 By Region - Global Bio-based 1,3-Butanediol Sales, 2016-2021
 - 6.3.2 By Region - Global Bio-based 1,3-Butanediol Sales, 2022-2027
 - 6.3.3 By Region - Global Bio-based 1,3-Butanediol Sales Market Share, 2016-2027
- 6.4 North America
 - 6.4.1 By Country - North America Bio-based 1,3-Butanediol Revenue, 2016-2027
 - 6.4.2 By Country - North America Bio-based 1,3-Butanediol Sales, 2016-2027
 - 6.4.3 US Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.4.4 Canada Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.4.5 Mexico Bio-based 1,3-Butanediol Market Size, 2016-2027
- 6.5 Europe
 - 6.5.1 By Country - Europe Bio-based 1,3-Butanediol Revenue, 2016-2027
 - 6.5.2 By Country - Europe Bio-based 1,3-Butanediol Sales, 2016-2027
 - 6.5.3 Germany Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.5.4 France Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.5.5 U.K. Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.5.6 Italy Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.5.7 Russia Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.5.8 Nordic Countries Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.5.9 Benelux Bio-based 1,3-Butanediol Market Size, 2016-2027
- 6.6 Asia
 - 6.6.1 By Region - Asia Bio-based 1,3-Butanediol Revenue, 2016-2027
 - 6.6.2 By Region - Asia Bio-based 1,3-Butanediol Sales, 2016-2027
 - 6.6.3 China Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.6.4 Japan Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.6.5 South Korea Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.6.6 Southeast Asia Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.6.7 India Bio-based 1,3-Butanediol Market Size, 2016-2027
- 6.7 South America
 - 6.7.1 By Country - South America Bio-based 1,3-Butanediol Revenue, 2016-2027
 - 6.7.2 By Country - South America Bio-based 1,3-Butanediol Sales, 2016-2027
 - 6.7.3 Brazil Bio-based 1,3-Butanediol Market Size, 2016-2027
 - 6.7.4 Argentina Bio-based 1,3-Butanediol Market Size, 2016-2027
- 6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Bio-based 1,3-Butanediol Revenue, 2016-2027

6.8.2 By Country - Middle East & Africa Bio-based 1,3-Butanediol Sales, 2016-2027

6.8.3 Turkey Bio-based 1,3-Butanediol Market Size, 2016-2027

6.8.4 Israel Bio-based 1,3-Butanediol Market Size, 2016-2027

6.8.5 Saudi Arabia Bio-based 1,3-Butanediol Market Size, 2016-2027

6.8.6 UAE Bio-based 1,3-Butanediol Market Size, 2016-2027

7 MANUFACTURERS & BRANDS PROFILES

7.1 Kokyu Alcohol

7.1.1 Kokyu Alcohol Corporate Summary

7.1.2 Kokyu Alcohol Business Overview

7.1.3 Kokyu Alcohol Bio-based 1,3-Butanediol Major Product Offerings

7.1.4 Kokyu Alcohol Bio-based 1,3-Butanediol Sales and Revenue in Global (2016-2021)

7.1.5 Kokyu Alcohol Key News

7.2 Godavari

7.2.1 Godavari Corporate Summary

7.2.2 Godavari Business Overview

7.2.3 Godavari Bio-based 1,3-Butanediol Major Product Offerings

7.2.4 Godavari Bio-based 1,3-Butanediol Sales and Revenue in Global (2016-2021)

7.2.5 Godavari Key News

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

8.1 Global Bio-based 1,3-Butanediol Production Capacity, 2016-2027

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

8.3 Global Bio-based 1,3-Butanediol 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-BUTANEDIOL SUPPLY CHAIN ANALYSIS

- 10.1 Bio-based 1,3-Butanediol Industry Value Chain
- 10.2 Bio-based 1,3-Butanediol Upstream Market
- 10.3 Bio-based 1,3-Butanediol Downstream and Clients
- 10.4 Marketing Channels Analysis
 - 10.4.1 Marketing Channels
 - 10.4.2 Bio-based 1,3-Butanediol 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-Butanediol in Global Market

Table 2. Top Bio-based 1,3-Butanediol Players in Global Market, Ranking by Revenue (2019)

Table 3. Global Bio-based 1,3-Butanediol Revenue by Companies, (US\$, Mn), 2016-2021

Table 4. Global Bio-based 1,3-Butanediol Revenue Share by Companies, 2016-2021

Table 5. Global Bio-based 1,3-Butanediol Sales by Companies, (MT), 2016-2021

Table 6. Global Bio-based 1,3-Butanediol Sales Share by Companies, 2016-2021

Table 7. Key Manufacturers Bio-based 1,3-Butanediol Price (2016-2021) & (USD/MT)

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

Table 9. List of Global Tier 1 Bio-based 1,3-Butanediol Companies, Revenue (US\$, Mn) in 2020 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Bio-based 1,3-Butanediol Companies, Revenue (US\$, Mn) in 2020 and Market Share

Table 11. By Type – Global Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2021 VS 2027

Table 12. By Type - Global Bio-based 1,3-Butanediol Revenue (US\$, Mn), 2016-2021

Table 13. By Type - Global Bio-based 1,3-Butanediol Revenue (US\$, Mn), 2022-2027

Table 14. By Type - Global Bio-based 1,3-Butanediol Sales (MT), 2016-2021

Table 15. By Type - Global Bio-based 1,3-Butanediol Sales (MT), 2022-2027

Table 16. By Application – Global Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2021 VS 2027

Table 17. By Application - Global Bio-based 1,3-Butanediol Revenue (US\$, Mn), 2016-2021

Table 18. By Application - Global Bio-based 1,3-Butanediol Revenue (US\$, Mn), 2022-2027

Table 19. By Application - Global Bio-based 1,3-Butanediol Sales (MT), 2016-2021

Table 20. By Application - Global Bio-based 1,3-Butanediol Sales (MT), 2022-2027

Table 21. By Region – Global Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2021 VS 2027

Table 22. By Region - Global Bio-based 1,3-Butanediol Revenue (US\$, Mn), 2016-2021

Table 23. By Region - Global Bio-based 1,3-Butanediol Revenue (US\$, Mn), 2022-2027

Table 24. By Region - Global Bio-based 1,3-Butanediol Sales (MT), 2016-2021

Table 25. By Region - Global Bio-based 1,3-Butanediol Sales (MT), 2022-2027

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

2016-2021

Table 27. By Country - North America Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2022-2027

Table 28. By Country - North America Bio-based 1,3-Butanediol Sales, (MT), 2016-2021

Table 29. By Country - North America Bio-based 1,3-Butanediol Sales, (MT), 2022-2027

Table 30. By Country - Europe Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2021

Table 31. By Country - Europe Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2022-2027

Table 32. By Country - Europe Bio-based 1,3-Butanediol Sales, (MT), 2016-2021

Table 33. By Country - Europe Bio-based 1,3-Butanediol Sales, (MT), 2022-2027

Table 34. By Region - Asia Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2021

Table 35. By Region - Asia Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2022-2027

Table 36. By Region - Asia Bio-based 1,3-Butanediol Sales, (MT), 2016-2021

Table 37. By Region - Asia Bio-based 1,3-Butanediol Sales, (MT), 2022-2027

Table 38. By Country - South America Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2021

Table 39. By Country - South America Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2022-2027

Table 40. By Country - South America Bio-based 1,3-Butanediol Sales, (MT), 2016-2021

Table 41. By Country - South America Bio-based 1,3-Butanediol Sales, (MT), 2022-2027

Table 42. By Country - Middle East & Africa Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2021

Table 43. By Country - Middle East & Africa Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2022-2027

Table 44. By Country - Middle East & Africa Bio-based 1,3-Butanediol Sales, (MT), 2016-2021

Table 45. By Country - Middle East & Africa Bio-based 1,3-Butanediol Sales, (MT), 2022-2027

Table 46. Kokyu Alcohol Corporate Summary

Table 47. Kokyu Alcohol Bio-based 1,3-Butanediol Product Offerings

Table 48. Kokyu Alcohol Bio-based 1,3-Butanediol Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2016-2021)

Table 49. Godavari Corporate Summary

Table 50. Godavari Bio-based 1,3-Butanediol Product Offerings

Table 51. Godavari Bio-based 1,3-Butanediol Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2016-2021)

Table 52. Bio-based 1,3-Butanediol Production Capacity (MT) of Key Manufacturers in Global Market, 2019-2021 (MT)

Table 53. Global Bio-based 1,3-Butanediol Capacity Market Share of Key Manufacturers, 2019-2021

Table 54. Global Bio-based 1,3-Butanediol Production by Region, 2016-2021 (MT)

Table 55. Global Bio-based 1,3-Butanediol Production by Region, 2022-2027 (MT)

Table 56. Bio-based 1,3-Butanediol Market Opportunities & Trends in Global Market

Table 57. Bio-based 1,3-Butanediol Market Drivers in Global Market

Table 58. Bio-based 1,3-Butanediol Market Restraints in Global Market

Table 59. Bio-based 1,3-Butanediol Raw Materials

Table 60. Bio-based 1,3-Butanediol Raw Materials Suppliers in Global Market

Table 61. Typical Bio-based 1,3-Butanediol Downstream

Table 62. Bio-based 1,3-Butanediol Downstream Clients in Global Market

Table 63. Bio-based 1,3-Butanediol Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

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

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

Figure 3. Global Bio-based 1,3-Butanediol Market Overview: 2020

Figure 4. Key Caveats

Figure 5. Global Bio-based 1,3-Butanediol Market Size: 2021 VS 2027 (US\$, Mn)

Figure 6. Global Bio-based 1,3-Butanediol Revenue, 2016-2027 (US\$, Mn)

Figure 7. Bio-based 1,3-Butanediol Sales in Global Market: 2016-2027 (MT)

Figure 8. The Top 3 and 5 Players Market Share by Bio-based 1,3-Butanediol Revenue in 2020

Figure 9. By Type - Global Bio-based 1,3-Butanediol Sales Market Share, 2016-2027

Figure 10. By Type - Global Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027

Figure 11. By Type - Global Bio-based 1,3-Butanediol Price (USD/MT), 2016-2027

Figure 12. By Application - Global Bio-based 1,3-Butanediol Sales Market Share, 2016-2027

Figure 13. By Application - Global Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027

Figure 14. By Application - Global Bio-based 1,3-Butanediol Price (USD/MT), 2016-2027

Figure 15. By Region - Global Bio-based 1,3-Butanediol Sales Market Share, 2016-2027

Figure 16. By Region - Global Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027

Figure 17. By Country - North America Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027

Figure 18. By Country - North America Bio-based 1,3-Butanediol Sales Market Share, 2016-2027

Figure 19. US Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027

Figure 20. Canada Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027

Figure 21. Mexico Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027

Figure 22. By Country - Europe Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027

Figure 23. By Country - Europe Bio-based 1,3-Butanediol Sales Market Share, 2016-2027

Figure 24. Germany Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027

- Figure 25. France Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 26. U.K. Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 27. Italy Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 28. Russia Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 29. Nordic Countries Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 30. Benelux Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 31. By Region - Asia Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027
- Figure 32. By Region - Asia Bio-based 1,3-Butanediol Sales Market Share, 2016-2027
- Figure 33. China Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 34. Japan Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 35. South Korea Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 36. Southeast Asia Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 37. India Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 38. By Country - South America Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027
- Figure 39. By Country - South America Bio-based 1,3-Butanediol Sales Market Share, 2016-2027
- Figure 40. Brazil Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 41. Argentina Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 42. By Country - Middle East & Africa Bio-based 1,3-Butanediol Revenue Market Share, 2016-2027
- Figure 43. By Country - Middle East & Africa Bio-based 1,3-Butanediol Sales Market Share, 2016-2027
- Figure 44. Turkey Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 45. Israel Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 46. Saudi Arabia Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 47. UAE Bio-based 1,3-Butanediol Revenue, (US\$, Mn), 2016-2027
- Figure 48. Global Bio-based 1,3-Butanediol Production Capacity (MT), 2016-2027
- Figure 49. The Percentage of Production Bio-based 1,3-Butanediol by Region, 2020 VS 2027
- Figure 50. Bio-based 1,3-Butanediol Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: Bio-based 1,3-Butanediol Market - Global Outlook and Forecast 2021-2027

Product link: <https://marketpublishers.com/r/BEF9F111254FEN.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/BEF9F111254FEN.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