

# Global 1,3-Butanediol Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/GB4F0E766B50EN.html

Date: June 2025

Pages: 102

Price: US\$ 3,480.00 (Single User License)

ID: GB4F0E766B50EN

# **Abstracts**

According to our (Global Info Research) latest study, the global 1,3-Butanediol market size was valued at US\$ 236 million in 2024 and is forecast to a readjusted size of USD 381 million by 2031 with a CAGR of 7.0% during review period.

1,3-Butanediol, also known as butane-1,3-diol, is an organic compound. It is a diol, meaning it contains two hydroxyl groups, which give it unique chemical properties. This compound is a clear, colorless, and slightly viscous liquid that is highly soluble in water and exhibits low volatility. It is widely recognized for its versatility, finding application in various industries, particularly cosmetics, personal care, pharmaceuticals, and industrial manufacturing.

From a chemical perspective, 1,3-Butanediol is synthesized via several methods, including the catalytic hydrogenation of acetaldehyde or through microbial fermentation. Its low toxicity and compatibility with other compounds make it a preferred choice for numerous applications. The growing demand for sustainable and multifunctional ingredients has brought increased attention to 1,3-Butanediol in recent years, driving its relevance in global markets.

The global beauty and personal care industry is experiencing significant growth, fueled by increasing consumer spending, urbanization, and awareness of skincare. This trend directly boosts the demand for 1,3-Butanediol as a key ingredient in cosmetic formulations.

With growing environmental concerns, consumers and manufacturers are prioritizing sustainable and bio-based ingredients. This shift has led to the development of eco-friendly production methods for 1,3-Butanediol, such as fermentation using renewable



#### feedstocks.

The increasing prevalence of chronic diseases and the rising demand for advanced drug formulations are driving the use of 1,3-Butanediol in the pharmaceutical sector. Its role as a stabilizer and solvent in medications ensures its continued relevance in this field.

Geographically, the market operates on a global scale, with significant contributions from regions such as North America, Europe, Asia-Pacific, and the Middle East. Asia-Pacific, in particular, dominates the market due to its robust manufacturing base and the increasing consumer demand for cosmetics and personal care products in countries like China, Japan, and South Korea.

The scope of the market is also expanding due to the rising consumer preference for natural and sustainable ingredients. Manufacturers are increasingly investing in research and development to explore bio-based production methods, aligning with global sustainability goals and regulatory frameworks that encourage environmentally friendly practices.

The global consumption market is concentrated in China and North Americas, Europe. The China accounts about 40% share of the global consumption, followed by North Americas (28%) and Europe (20%) in 2024. There are few companies in the 1,3-Butanediol industry currently. The industry has a high concentration and OQ Chemicals, DAICEL, KH Neochem, Dongying Hi-tech Spring Chemical, accounted for 88% market share in 2024.

This report is a detailed and comprehensive analysis for global 1,3-Butanediol market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global 1,3-Butanediol market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2020-2031



Global 1,3-Butanediol market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2020-2031

Global 1,3-Butanediol market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2020-2031

Global 1,3-Butanediol market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (USD/MT), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 1,3-Butanediol

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 1,3-Butanediol market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include OQ Chemicals, DAICEL, KH Neochem, Dongying Hi-tech Spring Chemical, Godavari Biorefineries, Genomatica, Resonac, KOKYU ALCOHOL KOGYO (HAI), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

1,3-Butanediol market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type



Chemical Synthesis
Fermentation
Market segment by Application
Cosmetic
Industrial
Others
Major players covered
OQ Chemicals
DAICEL
KH Neochem
Dongying Hi-tech Spring Chemical
Godavari Biorefineries
Genomatica
Resonac
KOKYU ALCOHOL KOGYO (HAI)
Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)



Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 1,3-Butanediol product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 1,3-Butanediol, with price, sales quantity, revenue, and global market share of 1,3-Butanediol from 2020 to 2025.

Chapter 3, the 1,3-Butanediol competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 1,3-Butanediol breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and 1,3-Butanediol market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 1,3-Butanediol.

Chapter 14 and 15, to describe 1,3-Butanediol sales channel, distributors, customers, research findings and conclusion.



# **Contents**

#### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
- 1.3.1 Overview: Global 1,3-Butanediol Consumption Value by Type: 2020 Versus 2024 Versus 2031
- 1.3.2 Chemical Synthesis
- 1.3.3 Fermentation
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global 1,3-Butanediol Consumption Value by Application: 2020

#### Versus 2024 Versus 2031

- 1.4.2 Cosmetic
- 1.4.3 Industrial
- 1.4.4 Others
- 1.5 Global 1,3-Butanediol Market Size & Forecast
- 1.5.1 Global 1,3-Butanediol Consumption Value (2020 & 2024 & 2031)
- 1.5.2 Global 1,3-Butanediol Sales Quantity (2020-2031)
- 1.5.3 Global 1,3-Butanediol Average Price (2020-2031)

### **2 MANUFACTURERS PROFILES**

- **2.1 OXEA** 
  - 2.1.1 OXEA Details
  - 2.1.2 OXEA Major Business
  - 2.1.3 OXEA 1,3-Butanediol Product and Services
- 2.1.4 OXEA 1,3-Butanediol Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.1.5 OXEA Recent Developments/Updates
- 2.2 DAICEL
  - 2.2.1 DAICEL Details
  - 2.2.2 DAICEL Major Business
  - 2.2.3 DAICEL 1,3-Butanediol Product and Services
- 2.2.4 DAICEL 1,3-Butanediol Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.2.5 DAICEL Recent Developments/Updates
- 2.3 KH Neochem



- 2.3.1 KH Neochem Details
- 2.3.2 KH Neochem Major Business
- 2.3.3 KH Neochem 1,3-Butanediol Product and Services
- 2.3.4 KH Neochem 1,3-Butanediol Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.3.5 KH Neochem Recent Developments/Updates

## 3 COMPETITIVE ENVIRONMENT: 1,3-BUTANEDIOL BY MANUFACTURER

- 3.1 Global 1,3-Butanediol Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global 1,3-Butanediol Revenue by Manufacturer (2020-2025)
- 3.3 Global 1,3-Butanediol Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
- 3.4.1 Producer Shipments of 1,3-Butanediol by Manufacturer Revenue (\$MM) and Market Share (%): 2024
  - 3.4.2 Top 3 1,3-Butanediol Manufacturer Market Share in 2024
  - 3.4.3 Top 6 1,3-Butanediol Manufacturer Market Share in 2024
- 3.5 1,3-Butanediol Market: Overall Company Footprint Analysis
  - 3.5.1 1,3-Butanediol Market: Region Footprint
  - 3.5.2 1,3-Butanediol Market: Company Product Type Footprint
- 3.5.3 1,3-Butanediol Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

#### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global 1,3-Butanediol Market Size by Region
  - 4.1.1 Global 1,3-Butanediol Sales Quantity by Region (2020-2031)
  - 4.1.2 Global 1,3-Butanediol Consumption Value by Region (2020-2031)
- 4.1.3 Global 1,3-Butanediol Average Price by Region (2020-2031)
- 4.2 North America 1,3-Butanediol Consumption Value (2020-2031)
- 4.3 Europe 1,3-Butanediol Consumption Value (2020-2031)
- 4.4 Asia-Pacific 1,3-Butanediol Consumption Value (2020-2031)
- 4.5 South America 1,3-Butanediol Consumption Value (2020-2031)
- 4.6 Middle East & Africa 1,3-Butanediol Consumption Value (2020-2031)

#### **5 MARKET SEGMENT BY TYPE**

5.1 Global 1,3-Butanediol Sales Quantity by Type (2020-2031)



- 5.2 Global 1,3-Butanediol Consumption Value by Type (2020-2031)
- 5.3 Global 1,3-Butanediol Average Price by Type (2020-2031)

#### **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global 1,3-Butanediol Sales Quantity by Application (2020-2031)
- 6.2 Global 1,3-Butanediol Consumption Value by Application (2020-2031)
- 6.3 Global 1,3-Butanediol Average Price by Application (2020-2031)

#### 7 NORTH AMERICA

- 7.1 North America 1,3-Butanediol Sales Quantity by Type (2020-2031)
- 7.2 North America 1,3-Butanediol Sales Quantity by Application (2020-2031)
- 7.3 North America 1,3-Butanediol Market Size by Country
  - 7.3.1 North America 1,3-Butanediol Sales Quantity by Country (2020-2031)
  - 7.3.2 North America 1,3-Butanediol Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

#### **8 EUROPE**

- 8.1 Europe 1,3-Butanediol Sales Quantity by Type (2020-2031)
- 8.2 Europe 1,3-Butanediol Sales Quantity by Application (2020-2031)
- 8.3 Europe 1,3-Butanediol Market Size by Country
  - 8.3.1 Europe 1,3-Butanediol Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe 1,3-Butanediol Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)
  - 8.3.7 Italy Market Size and Forecast (2020-2031)

#### 9 ASIA-PACIFIC

- 9.1 Asia-Pacific 1,3-Butanediol Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific 1,3-Butanediol Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific 1,3-Butanediol Market Size by Region
  - 9.3.1 Asia-Pacific 1,3-Butanediol Sales Quantity by Region (2020-2031)



- 9.3.2 Asia-Pacific 1,3-Butanediol Consumption Value by Region (2020-2031)
- 9.3.3 China Market Size and Forecast (2020-2031)
- 9.3.4 Japan Market Size and Forecast (2020-2031)
- 9.3.5 South Korea Market Size and Forecast (2020-2031)
- 9.3.6 India Market Size and Forecast (2020-2031)
- 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
- 9.3.8 Australia Market Size and Forecast (2020-2031)

#### 10 SOUTH AMERICA

- 10.1 South America 1,3-Butanediol Sales Quantity by Type (2020-2031)
- 10.2 South America 1,3-Butanediol Sales Quantity by Application (2020-2031)
- 10.3 South America 1,3-Butanediol Market Size by Country
  - 10.3.1 South America 1,3-Butanediol Sales Quantity by Country (2020-2031)
  - 10.3.2 South America 1,3-Butanediol Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

#### 11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa 1,3-Butanediol Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa 1,3-Butanediol Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa 1,3-Butanediol Market Size by Country
  - 11.3.1 Middle East & Africa 1,3-Butanediol Sales Quantity by Country (2020-2031)
- 11.3.2 Middle East & Africa 1,3-Butanediol Consumption Value by Country (2020-2031)
  - 11.3.3 Turkey Market Size and Forecast (2020-2031)
  - 11.3.4 Egypt Market Size and Forecast (2020-2031)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
  - 11.3.6 South Africa Market Size and Forecast (2020-2031)

#### 12 MARKET DYNAMICS

- 12.1 1,3-Butanediol Market Drivers
- 12.2 1,3-Butanediol Market Restraints
- 12.3 1,3-Butanediol Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers



- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

#### 13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of 1,3-Butanediol and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of 1,3-Butanediol
- 13.3 1,3-Butanediol Production Process
- 13.4 Industry Value Chain Analysis

## 14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 1,3-Butanediol Typical Distributors
- 14.3 1,3-Butanediol Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global 1,3-Butanediol Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global 1,3-Butanediol Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. OXEA Basic Information, Manufacturing Base and Competitors

Table 4. OXEA Major Business

Table 5. OXEA 1,3-Butanediol Product and Services

Table 6. OXEA 1,3-Butanediol Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. OXEA Recent Developments/Updates

Table 8. DAICEL Basic Information, Manufacturing Base and Competitors

Table 9. DAICEL Major Business

Table 10. DAICEL 1,3-Butanediol Product and Services

Table 11. DAICEL 1,3-Butanediol Sales Quantity (MT), Average Price (USD/MT),

Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. DAICEL Recent Developments/Updates

Table 13. KH Neochem Basic Information, Manufacturing Base and Competitors

Table 14. KH Neochem Major Business

Table 15. KH Neochem 1,3-Butanediol Product and Services

Table 16. KH Neochem 1,3-Butanediol Sales Quantity (MT), Average Price (USD/MT),

Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. KH Neochem Recent Developments/Updates

Table 18. Global 1,3-Butanediol Sales Quantity by Manufacturer (2020-2025) & (MT)

Table 19. Global 1,3-Butanediol Revenue by Manufacturer (2020-2025) & (USD Million)

Table 20. Global 1,3-Butanediol Average Price by Manufacturer (2020-2025) & (USD/MT)

Table 21. Market Position of Manufacturers in 1,3-Butanediol, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 22. Head Office and 1,3-Butanediol Production Site of Key Manufacturer

Table 23. 1,3-Butanediol Market: Company Product Type Footprint

Table 24. 1,3-Butanediol Market: Company Product Application Footprint

Table 25. 1,3-Butanediol New Market Entrants and Barriers to Market Entry

Table 26. 1,3-Butanediol Mergers, Acquisition, Agreements, and Collaborations

Table 27. Global 1,3-Butanediol Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR



- Table 28. Global 1,3-Butanediol Sales Quantity by Region (2020-2025) & (MT)
- Table 29. Global 1,3-Butanediol Sales Quantity by Region (2026-2031) & (MT)
- Table 30. Global 1,3-Butanediol Consumption Value by Region (2020-2025) & (USD Million)
- Table 31. Global 1,3-Butanediol Consumption Value by Region (2026-2031) & (USD Million)
- Table 32. Global 1,3-Butanediol Average Price by Region (2020-2025) & (USD/MT)
- Table 33. Global 1,3-Butanediol Average Price by Region (2026-2031) & (USD/MT)
- Table 34. Global 1,3-Butanediol Sales Quantity by Type (2020-2025) & (MT)
- Table 35. Global 1,3-Butanediol Sales Quantity by Type (2026-2031) & (MT)
- Table 36. Global 1,3-Butanediol Consumption Value by Type (2020-2025) & (USD Million)
- Table 37. Global 1,3-Butanediol Consumption Value by Type (2026-2031) & (USD Million)
- Table 38. Global 1,3-Butanediol Average Price by Type (2020-2025) & (USD/MT)
- Table 39. Global 1,3-Butanediol Average Price by Type (2026-2031) & (USD/MT)
- Table 40. Global 1,3-Butanediol Sales Quantity by Application (2020-2025) & (MT)
- Table 41. Global 1,3-Butanediol Sales Quantity by Application (2026-2031) & (MT)
- Table 42. Global 1,3-Butanediol Consumption Value by Application (2020-2025) & (USD Million)
- Table 43. Global 1,3-Butanediol Consumption Value by Application (2026-2031) & (USD Million)
- Table 44. Global 1,3-Butanediol Average Price by Application (2020-2025) & (USD/MT)
- Table 45. Global 1,3-Butanediol Average Price by Application (2026-2031) & (USD/MT)
- Table 46. North America 1,3-Butanediol Sales Quantity by Type (2020-2025) & (MT)
- Table 47. North America 1,3-Butanediol Sales Quantity by Type (2026-2031) & (MT)
- Table 48. North America 1,3-Butanediol Sales Quantity by Application (2020-2025) & (MT)
- Table 49. North America 1,3-Butanediol Sales Quantity by Application (2026-2031) & (MT)
- Table 50. North America 1,3-Butanediol Sales Quantity by Country (2020-2025) & (MT)
- Table 51. North America 1,3-Butanediol Sales Quantity by Country (2026-2031) & (MT)
- Table 52. North America 1,3-Butanediol Consumption Value by Country (2020-2025) & (USD Million)
- Table 53. North America 1,3-Butanediol Consumption Value by Country (2026-2031) & (USD Million)
- Table 54. Europe 1,3-Butanediol Sales Quantity by Type (2020-2025) & (MT)
- Table 55. Europe 1.3-Butanediol Sales Quantity by Type (2026-2031) & (MT)
- Table 56. Europe 1,3-Butanediol Sales Quantity by Application (2020-2025) & (MT)



- Table 57. Europe 1,3-Butanediol Sales Quantity by Application (2026-2031) & (MT)
- Table 58. Europe 1,3-Butanediol Sales Quantity by Country (2020-2025) & (MT)
- Table 59. Europe 1,3-Butanediol Sales Quantity by Country (2026-2031) & (MT)
- Table 60. Europe 1,3-Butanediol Consumption Value by Country (2020-2025) & (USD Million)
- Table 61. Europe 1,3-Butanediol Consumption Value by Country (2026-2031) & (USD Million)
- Table 62. Asia-Pacific 1,3-Butanediol Sales Quantity by Type (2020-2025) & (MT)
- Table 63. Asia-Pacific 1,3-Butanediol Sales Quantity by Type (2026-2031) & (MT)
- Table 64. Asia-Pacific 1,3-Butanediol Sales Quantity by Application (2020-2025) & (MT)
- Table 65. Asia-Pacific 1,3-Butanediol Sales Quantity by Application (2026-2031) & (MT)
- Table 66. Asia-Pacific 1,3-Butanediol Sales Quantity by Region (2020-2025) & (MT)
- Table 67. Asia-Pacific 1,3-Butanediol Sales Quantity by Region (2026-2031) & (MT)
- Table 68. Asia-Pacific 1,3-Butanediol Consumption Value by Region (2020-2025) & (USD Million)
- Table 69. Asia-Pacific 1,3-Butanediol Consumption Value by Region (2026-2031) & (USD Million)
- Table 70. South America 1,3-Butanediol Sales Quantity by Type (2020-2025) & (MT)
- Table 71. South America 1,3-Butanediol Sales Quantity by Type (2026-2031) & (MT)
- Table 72. South America 1,3-Butanediol Sales Quantity by Application (2020-2025) & (MT)
- Table 73. South America 1,3-Butanediol Sales Quantity by Application (2026-2031) & (MT)
- Table 74. South America 1,3-Butanediol Sales Quantity by Country (2020-2025) & (MT)
- Table 75. South America 1,3-Butanediol Sales Quantity by Country (2026-2031) & (MT)
- Table 76. South America 1,3-Butanediol Consumption Value by Country (2020-2025) & (USD Million)
- Table 77. South America 1,3-Butanediol Consumption Value by Country (2026-2031) & (USD Million)
- Table 78. Middle East & Africa 1,3-Butanediol Sales Quantity by Type (2020-2025) & (MT)
- Table 79. Middle East & Africa 1,3-Butanediol Sales Quantity by Type (2026-2031) & (MT)
- Table 80. Middle East & Africa 1,3-Butanediol Sales Quantity by Application (2020-2025) & (MT)
- Table 81. Middle East & Africa 1,3-Butanediol Sales Quantity by Application (2026-2031) & (MT)
- Table 82. Middle East & Africa 1,3-Butanediol Sales Quantity by Country (2020-2025) & (MT)



Table 83. Middle East & Africa 1,3-Butanediol Sales Quantity by Country (2026-2031) & (MT)

Table 84. Middle East & Africa 1,3-Butanediol Consumption Value by Country (2020-2025) & (USD Million)

Table 85. Middle East & Africa 1,3-Butanediol Consumption Value by Country (2026-2031) & (USD Million)

Table 86. 1,3-Butanediol Raw Material

Table 87. Key Manufacturers of 1,3-Butanediol Raw Materials

Table 88. 1,3-Butanediol Typical Distributors

Table 89. 1,3-Butanediol Typical Customers



# **List Of Figures**

#### **LIST OF FIGURES**

- Figure 1. 1,3-Butanediol Picture
- Figure 2. Global 1,3-Butanediol Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global 1,3-Butanediol Revenue Market Share by Type in 2024
- Figure 4. Chemical Synthesis Examples
- Figure 5. Fermentation Examples
- Figure 6. Global 1,3-Butanediol Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global 1,3-Butanediol Revenue Market Share by Application in 2024
- Figure 8. Cosmetic Examples
- Figure 9. Industrial Examples
- Figure 10. Others Examples
- Figure 11. Global 1,3-Butanediol Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 12. Global 1,3-Butanediol Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 13. Global 1,3-Butanediol Sales Quantity (2020-2031) & (MT)
- Figure 14. Global 1,3-Butanediol Price (2020-2031) & (USD/MT)
- Figure 15. Global 1,3-Butanediol Sales Quantity Market Share by Manufacturer in 2024
- Figure 16. Global 1,3-Butanediol Revenue Market Share by Manufacturer in 2024
- Figure 17. Producer Shipments of 1,3-Butanediol by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 18. Top 3 1,3-Butanediol Manufacturer (Revenue) Market Share in 2024
- Figure 19. Top 6 1,3-Butanediol Manufacturer (Revenue) Market Share in 2024
- Figure 20. Global 1,3-Butanediol Sales Quantity Market Share by Region (2020-2031)
- Figure 21. Global 1,3-Butanediol Consumption Value Market Share by Region (2020-2031)
- Figure 22. North America 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 23. Europe 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 24. Asia-Pacific 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 25. South America 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 26. Middle East & Africa 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 27. Global 1,3-Butanediol Sales Quantity Market Share by Type (2020-2031)



- Figure 28. Global 1,3-Butanediol Consumption Value Market Share by Type (2020-2031)
- Figure 29. Global 1,3-Butanediol Average Price by Type (2020-2031) & (USD/MT)
- Figure 30. Global 1,3-Butanediol Sales Quantity Market Share by Application (2020-2031)
- Figure 31. Global 1,3-Butanediol Revenue Market Share by Application (2020-2031)
- Figure 32. Global 1,3-Butanediol Average Price by Application (2020-2031) & (USD/MT)
- Figure 33. North America 1,3-Butanediol Sales Quantity Market Share by Type (2020-2031)
- Figure 34. North America 1,3-Butanediol Sales Quantity Market Share by Application (2020-2031)
- Figure 35. North America 1,3-Butanediol Sales Quantity Market Share by Country (2020-2031)
- Figure 36. North America 1,3-Butanediol Consumption Value Market Share by Country (2020-2031)
- Figure 37. United States 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 38. Canada 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 39. Mexico 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 40. Europe 1,3-Butanediol Sales Quantity Market Share by Type (2020-2031)
- Figure 41. Europe 1,3-Butanediol Sales Quantity Market Share by Application (2020-2031)
- Figure 42. Europe 1,3-Butanediol Sales Quantity Market Share by Country (2020-2031)
- Figure 43. Europe 1,3-Butanediol Consumption Value Market Share by Country (2020-2031)
- Figure 44. Germany 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 45. France 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 46. United Kingdom 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 47. Russia 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 48. Italy 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 49. Asia-Pacific 1,3-Butanediol Sales Quantity Market Share by Type (2020-2031)
- Figure 50. Asia-Pacific 1,3-Butanediol Sales Quantity Market Share by Application (2020-2031)
- Figure 51. Asia-Pacific 1,3-Butanediol Sales Quantity Market Share by Region (2020-2031)
- Figure 52. Asia-Pacific 1,3-Butanediol Consumption Value Market Share by Region (2020-2031)



- Figure 53. China 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 54. Japan 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 55. South Korea 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 56. India 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 57. Southeast Asia 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 58. Australia 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 59. South America 1,3-Butanediol Sales Quantity Market Share by Type (2020-2031)
- Figure 60. South America 1,3-Butanediol Sales Quantity Market Share by Application (2020-2031)
- Figure 61. South America 1,3-Butanediol Sales Quantity Market Share by Country (2020-2031)
- Figure 62. South America 1,3-Butanediol Consumption Value Market Share by Country (2020-2031)
- Figure 63. Brazil 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 64. Argentina 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 65. Middle East & Africa 1,3-Butanediol Sales Quantity Market Share by Type (2020-2031)
- Figure 66. Middle East & Africa 1,3-Butanediol Sales Quantity Market Share by Application (2020-2031)
- Figure 67. Middle East & Africa 1,3-Butanediol Sales Quantity Market Share by Country (2020-2031)
- Figure 68. Middle East & Africa 1,3-Butanediol Consumption Value Market Share by Country (2020-2031)
- Figure 69. Turkey 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 70. Egypt 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 71. Saudi Arabia 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 72. South Africa 1,3-Butanediol Consumption Value (2020-2031) & (USD Million)
- Figure 73. 1,3-Butanediol Market Drivers
- Figure 74. 1,3-Butanediol Market Restraints
- Figure 75. 1,3-Butanediol Market Trends
- Figure 76. Porters Five Forces Analysis
- Figure 77. Manufacturing Cost Structure Analysis of 1,3-Butanediol in 2024
- Figure 78. Manufacturing Process Analysis of 1,3-Butanediol
- Figure 79. 1,3-Butanediol Industrial Chain
- Figure 80. Sales Channel: Direct to End-User vs Distributors
- Figure 81. Direct Channel Pros & Cons



Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source



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