

# Global 1, 4-Butanediol (BDO) Market Research Report 2021 Professional Edition

https://marketpublishers.com/r/G771E9675F03EN.html

Date: March 2021

Pages: 138

Price: US\$ 2,890.00 (Single User License)

ID: G771E9675F03EN

# **Abstracts**

The research team projects that the 1, 4-Butanediol (BDO) market size will grow from XXX in 2020 to XXX by 2027, at an estimated CAGR of XX. The base year considered for the study is 2020, and the market size is projected from 2020 to 2027.

The prime objective of this report is to help the user understand the market in terms of its definition, segmentation, market potential, influential trends, and the challenges that the market is facing with 10 major regions and 50 major countries. Deep researches and analysis were done during the preparation of the report. The readers will find this report very helpful in understanding the market in depth. The data and the information regarding the market are taken from reliable sources such as websites, annual reports of the companies, journals, and others and were checked and validated by the industry experts. The facts and data are represented in the report using diagrams, graphs, pie charts, and other pictorial representations. This enhances the visual representation and also helps in understanding the facts much better.

By Market Players:

**BASF** 

MarkorChem

Ashland

**Dairen Chemical** 

**INVISTA** 

Lyondellbasell

Changcheng Energy

Mitsubishi Chemical Corporation

Nanya Plastics Corporation

Xinjiang Tianye



#### **HNEC**

Shanxi Sanwei Group

TunHe

Henan Kaixiang Fine Chemical

Shanxi BidiOu

Sichuan Tianhua

By Type

Reppe process

Davy process

Butadiene process

Propylene oxide process

By Application

Tetrahydrofuran (THF)

Polybutylene Terephthalate (PBT)

Gamma-Butyrolactone (GBL)

Polyurethanes (PU)

Others

By Regions/Countries:

North America

**United States** 

Canada

Mexico

East Asia

China

Japan

South Korea

Europe

Germany

United Kingdom

France

Italy

Russia

Spain

Netherlands



Switzerland Poland
i dana
South Asia
India
Pakistan
Bangladesh
Courth agat Agia
Southeast Asia Indonesia
Thailand
Singapore
Malaysia
Philippines
Vietnam
Myanmar
Middle East
Turkey
Saudi Arabia
Iran
United Arab Emirates
Israel
Iraq
Qatar
Kuwait
Oman
Africa
Nigeria

South Africa

Egypt

Algeria

Morocoo

Oceania

Australia

New Zealand



South America

Brazil

Argentina

Colombia

Chile

Venezuela

Peru

Puerto Rico

Ecuador

Rest of the World

Kazakhstan

# Points Covered in The Report

The points that are discussed within the report are the major market players that are involved in the market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. This report analyzed 12 years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

# Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.



Besides the standard structure reports, we also provide custom research according to specific requirements.

The report focuses on Global, Top 10 Regions and Top 50 Countries Market Size of 1, 4-Butanediol (BDO) 2016-2021, and development forecast 2022-2027 including industries, major players/suppliers worldwide and market share by regions, with company and product introduction, position in the market including their market status and development trend by types and applications which will provide its price and profit status, and marketing status & market growth drivers and challenges, with base year as 2020.

# Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2021 & Sales by Product Types.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2022-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its production, consumption,

Market Analysis by Product Type: The report covers majority Product Types in the 1, 4-Butanediol (BDO) Industry, including its product specifications by each key player, volume, sales by Volume and Value (M USD).

Markat Analysis by Application Type: Based on the 1, 4-Butanediol (BDO) Industry and its applications, the market is further sub-segmented into several major Application of its industry. It provides you with the market size, CAGR & forecast by each industry applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology Porters Five Force Analysis: The report will provide with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

## COVID-19 Impact

Report covers Impact of Coronavirus COVID-19: Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost every country around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and

import & export, sales volume & revenue forecast.



will significantly affect the 1, 4-Butanediol (BDO) market in 2021. The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor/outdoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.



# **Contents**

#### **1 REPORT OVERVIEW**

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by 1, 4-Butanediol (BDO) Revenue
- 1.4 Market Analysis by Type
  - 1.4.1 Global 1, 4-Butanediol (BDO) Market Size Growth Rate by Type: 2021 VS 2027
  - 1.4.2 Reppe process
  - 1.4.3 Davy process
  - 1.4.4 Butadiene process
  - 1.4.5 Propylene oxide process
- 1.5 Market by Application
  - 1.5.1 Global 1, 4-Butanediol (BDO) Market Share by Application: 2022-2027
  - 1.5.2 Tetrahydrofuran (THF)
  - 1.5.3 Polybutylene Terephthalate (PBT)
  - 1.5.4 Gamma-Butyrolactone (GBL)
  - 1.5.5 Polyurethanes (PU)
  - 1.5.6 Others
- 1.6 Study Objectives
- 1.7 Years Considered
- 1.8 Overview of Global 1, 4-Butanediol (BDO) Market
  - 1.8.1 Global 1, 4-Butanediol (BDO) Market Status and Outlook (2016-2027)
  - 1.8.2 North America
  - 1.8.3 East Asia
  - 1.8.4 Europe
  - 1.8.5 South Asia
  - 1.8.6 Southeast Asia
  - 1.8.7 Middle East
  - 1.8.8 Africa
  - 1.8.9 Oceania
  - 1.8.10 South America
  - 1.8.11 Rest of the World

#### 2 MARKET COMPETITION BY MANUFACTURERS

2.1 Global 1, 4-Butanediol (BDO) Production Capacity Market Share by Manufacturers (2016-2021)



- 2.2 Global 1, 4-Butanediol (BDO) Revenue Market Share by Manufacturers (2016-2021)
- 2.3 Global 1, 4-Butanediol (BDO) Average Price by Manufacturers (2016-2021)
- 2.4 Manufacturers 1, 4-Butanediol (BDO) Production Sites, Area Served, Product Type

# **3 SALES BY REGION**

- 3.1 Global 1, 4-Butanediol (BDO) Sales Volume Market Share by Region (2016-2021)
- 3.2 Global 1, 4-Butanediol (BDO) Sales Revenue Market Share by Region (2016-2021)
- 3.3 North America 1, 4-Butanediol (BDO) Sales Volume
  - 3.3.1 North America 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.3.2 North America 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.4 East Asia 1, 4-Butanediol (BDO) Sales Volume
  - 3.4.1 East Asia 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.4.2 East Asia 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.5 Europe 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
  - 3.5.1 Europe 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.5.2 Europe 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.6 South Asia 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
  - 3.6.1 South Asia 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.6.2 South Asia 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.7 Southeast Asia 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
  - 3.7.1 Southeast Asia 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.7.2 Southeast Asia 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.8 Middle East 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
  - 3.8.1 Middle East 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.8.2 Middle East 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.9 Africa 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
  - 3.9.1 Africa 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.9.2 Africa 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.10 Oceania 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
  - 3.10.1 Oceania 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
  - 3.10.2 Oceania 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and



# Gross Margin (2016-2021)

- 3.11 South America 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
- 3.11.1 South America 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.11.2 South America 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.12 Rest of the World 1, 4-Butanediol (BDO) Sales Volume (2016-2021)
- 3.12.1 Rest of the World 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)
- 3.12.2 Rest of the World 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

#### **4 NORTH AMERICA**

- 4.1 North America 1, 4-Butanediol (BDO) Consumption by Countries
- 4.2 United States
- 4.3 Canada
- 4.4 Mexico

#### **5 EAST ASIA**

- 5.1 East Asia 1, 4-Butanediol (BDO) Consumption by Countries
- 5.2 China
- 5.3 Japan
- 5.4 South Korea

#### **6 EUROPE**

- 6.1 Europe 1, 4-Butanediol (BDO) Consumption by Countries
- 6.2 Germany
- 6.3 United Kingdom
- 6.4 France
- 6.5 Italy
- 6.6 Russia
- 6.7 Spain
- 6.8 Netherlands
- 6.9 Switzerland
- 6.10 Poland

#### 7 SOUTH ASIA



- 7.1 South Asia 1, 4-Butanediol (BDO) Consumption by Countries
- 7.2 India
- 7.3 Pakistan
- 7.4 Bangladesh

#### **8 SOUTHEAST ASIA**

- 8.1 Southeast Asia 1, 4-Butanediol (BDO) Consumption by Countries
- 8.2 Indonesia
- 8.3 Thailand
- 8.4 Singapore
- 8.5 Malaysia
- 8.6 Philippines
- 8.7 Vietnam
- 8.8 Myanmar

## 9 MIDDLE EAST

- 9.1 Middle East 1, 4-Butanediol (BDO) Consumption by Countries
- 9.2 Turkey
- 9.3 Saudi Arabia
- 9.4 Iran
- 9.5 United Arab Emirates
- 9.6 Israel
- 9.7 Iraq
- 9.8 Qatar
- 9.9 Kuwait
- 9.10 Oman

## 10 AFRICA

- 10.1 Africa 1, 4-Butanediol (BDO) Consumption by Countries
- 10.2 Nigeria
- 10.3 South Africa
- 10.4 Egypt
- 10.5 Algeria
- 10.6 Morocco



#### 11 OCEANIA

- 11.1 Oceania 1, 4-Butanediol (BDO) Consumption by Countries
- 11.2 Australia
- 11.3 New Zealand

#### 12 SOUTH AMERICA

- 12.1 South America 1, 4-Butanediol (BDO) Consumption by Countries
- 12.2 Brazil
- 12.3 Argentina
- 12.4 Columbia
- 12.5 Chile
- 12.6 Venezuela
- 12.7 Peru
- 12.8 Puerto Rico
- 12.9 Ecuador

#### 13 REST OF THE WORLD

- 13.1 Rest of the World 1, 4-Butanediol (BDO) Consumption by Countries
- 13.2 Kazakhstan

# 14 SALES VOLUME, SALES REVENUE, SALES PRICE TREND BY TYPE

- 14.1 Global 1, 4-Butanediol (BDO) Sales Volume Market Share by Type (2016-2021)
- 14.2 Global 1, 4-Butanediol (BDO) Sales Revenue Market Share by Type (2016-2021)
- 14.3 Global 1, 4-Butanediol (BDO) Sales Price by Type (2016-2021)

# 15 CONSUMPTION ANALYSIS BY APPLICATION

- 15.1 Global 1, 4-Butanediol (BDO) Consumption Volume by Application (2016-2021)
- 15.2 Global 1, 4-Butanediol (BDO) Consumption Value by Application (2016-2021)

# 16 COMPANY PROFILES AND KEY FIGURES IN 1, 4-BUTANEDIOL (BDO) BUSINESS

16.1 BASF

16.1.1 BASF Company Profile



- 16.1.2 BASF 1, 4-Butanediol (BDO) Product Specification
- 16.1.3 BASF 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.2 MarkorChem
  - 16.2.1 MarkorChem Company Profile
  - 16.2.2 MarkorChem 1, 4-Butanediol (BDO) Product Specification
- 16.2.3 MarkorChem 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.3 Ashland
  - 16.3.1 Ashland Company Profile
  - 16.3.2 Ashland 1, 4-Butanediol (BDO) Product Specification
- 16.3.3 Ashland 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.4 Dairen Chemical
  - 16.4.1 Dairen Chemical Company Profile
  - 16.4.2 Dairen Chemical 1, 4-Butanediol (BDO) Product Specification
- 16.4.3 Dairen Chemical 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.5 INVISTA
  - 16.5.1 INVISTA Company Profile
  - 16.5.2 INVISTA 1, 4-Butanediol (BDO) Product Specification
- 16.5.3 INVISTA 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.6 Lyondellbasell
  - 16.6.1 Lyondellbasell Company Profile
  - 16.6.2 Lyondellbasell 1, 4-Butanediol (BDO) Product Specification
- 16.6.3 Lyondellbasell 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.7 Changcheng Energy
  - 16.7.1 Changcheng Energy Company Profile
  - 16.7.2 Changcheng Energy 1, 4-Butanediol (BDO) Product Specification
- 16.7.3 Changcheng Energy 1, 4-Butanediol (BDO) Production Capacity, Revenue,
- Price and Gross Margin (2016-2021)
- 16.8 Mitsubishi Chemical Corporation
  - 16.8.1 Mitsubishi Chemical Corporation Company Profile
  - 16.8.2 Mitsubishi Chemical Corporation 1, 4-Butanediol (BDO) Product Specification
  - 16.8.3 Mitsubishi Chemical Corporation 1, 4-Butanediol (BDO) Production Capacity,
- Revenue, Price and Gross Margin (2016-2021)
- 16.9 Nanya Plastics Corporation



- 16.9.1 Nanya Plastics Corporation Company Profile
- 16.9.2 Nanya Plastics Corporation 1, 4-Butanediol (BDO) Product Specification
- 16.9.3 Nanya Plastics Corporation 1, 4-Butanediol (BDO) Production Capacity,

Revenue, Price and Gross Margin (2016-2021)

- 16.10 Xinjiang Tianye
- 16.10.1 Xinjiang Tianye Company Profile
- 16.10.2 Xinjiang Tianye 1, 4-Butanediol (BDO) Product Specification
- 16.10.3 Xinjiang Tianye 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.11 HNEC
  - 16.11.1 HNEC Company Profile
  - 16.11.2 HNEC 1, 4-Butanediol (BDO) Product Specification
- 16.11.3 HNEC 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.12 Shanxi Sanwei Group
  - 16.12.1 Shanxi Sanwei Group Company Profile
  - 16.12.2 Shanxi Sanwei Group 1, 4-Butanediol (BDO) Product Specification
- 16.12.3 Shanxi Sanwei Group 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.13 TunHe
- 16.13.1 TunHe Company Profile
- 16.13.2 TunHe 1, 4-Butanediol (BDO) Product Specification
- 16.13.3 TunHe 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.14 Henan Kaixiang Fine Chemical
  - 16.14.1 Henan Kaixiang Fine Chemical Company Profile
  - 16.14.2 Henan Kaixiang Fine Chemical 1, 4-Butanediol (BDO) Product Specification
  - 16.14.3 Henan Kaixiang Fine Chemical 1, 4-Butanediol (BDO) Production Capacity,

Revenue, Price and Gross Margin (2016-2021)

- 16.15 Shanxi BidiOu
  - 16.15.1 Shanxi BidiOu Company Profile
  - 16.15.2 Shanxi BidiOu 1, 4-Butanediol (BDO) Product Specification
- 16.15.3 Shanxi BidiOu 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.16 Sichuan Tianhua
  - 16.16.1 Sichuan Tianhua Company Profile
  - 16.16.2 Sichuan Tianhua 1, 4-Butanediol (BDO) Product Specification
- 16.16.3 Sichuan Tianhua 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)



# 17 1, 4-BUTANEDIOL (BDO) MANUFACTURING COST ANALYSIS

- 17.1 1, 4-Butanediol (BDO) Key Raw Materials Analysis
  - 17.1.1 Key Raw Materials
- 17.2 Proportion of Manufacturing Cost Structure
- 17.3 Manufacturing Process Analysis of 1, 4-Butanediol (BDO)
- 17.4 1, 4-Butanediol (BDO) Industrial Chain Analysis

# 18 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS

- 18.1 Marketing Channel
- 18.2 1, 4-Butanediol (BDO) Distributors List
- 18.3 1, 4-Butanediol (BDO) Customers

#### 19 MARKET DYNAMICS

- 19.1 Market Trends
- 19.2 Opportunities and Drivers
- 19.3 Challenges
- 19.4 Porter's Five Forces Analysis

#### 20 PRODUCTION AND SUPPLY FORECAST

- 20.1 Global Forecasted Production of 1, 4-Butanediol (BDO) (2022-2027)
- 20.2 Global Forecasted Revenue of 1, 4-Butanediol (BDO) (2022-2027)
- 20.3 Global Forecasted Price of 1, 4-Butanediol (BDO) (2016-2027)
- 20.4 Global Forecasted Production of 1, 4-Butanediol (BDO) by Region (2022-2027)
- 20.4.1 North America 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
  - 20.4.2 East Asia 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
  - 20.4.3 Europe 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
  - 20.4.4 South Asia 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
- 20.4.5 Southeast Asia 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
  - 20.4.6 Middle East 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
  - 20.4.7 Africa 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
- 20.4.8 Oceania 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)
- 20.4.9 South America 1, 4-Butanediol (BDO) Production, Revenue Forecast



(2022-2027)

20.4.10 Rest of the World 1, 4-Butanediol (BDO) Production, Revenue Forecast (2022-2027)

20.5 Forecast by Type and by Application (2022-2027)

20.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2022-2027)

20.5.2 Global Forecasted Consumption of 1, 4-Butanediol (BDO) by Application (2022-2027)

#### 21 CONSUMPTION AND DEMAND FORECAST

- 21.1 North America Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.2 East Asia Market Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.3 Europe Market Forecasted Consumption of 1, 4-Butanediol (BDO) by Countriy
- 21.4 South Asia Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.5 Southeast Asia Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.6 Middle East Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.7 Africa Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.8 Oceania Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.9 South America Forecasted Consumption of 1, 4-Butanediol (BDO) by Country
- 21.10 Rest of the world Forecasted Consumption of 1, 4-Butanediol (BDO) by Country

#### 22 RESEARCH FINDINGS AND CONCLUSION

#### 23 METHODOLOGY AND DATA SOURCE

- 23.1 Methodology/Research Approach
  - 23.1.1 Research Programs/Design
  - 23.1.2 Market Size Estimation
  - 23.1.3 Market Breakdown and Data Triangulation
- 23.2 Data Source
  - 23.2.1 Secondary Sources
  - 23.2.2 Primary Sources
- 23.3 Disclaimer

#### **List of Tables and Figures**

Key Players Covered: Ranking by 1, 4-Butanediol (BDO) Revenue (US\$ Million) 2016-2021

Global 1, 4-Butanediol (BDO) Market Size by Type (US\$ Million): 2022-2027

Global 1, 4-Butanediol (BDO) Market Size by Application (US\$ Million): 2022-2027



Global 1, 4-Butanediol (BDO) Production Capacity by Manufacturers

Global 1, 4-Butanediol (BDO) Production by Manufacturers (2016-2021)

Global 1, 4-Butanediol (BDO) Production Market Share by Manufacturers (2016-2021)

Global 1, 4-Butanediol (BDO) Revenue by Manufacturers (2016-2021)

Global 1, 4-Butanediol (BDO) Revenue Share by Manufacturers (2016-2021)

Global Market 1, 4-Butanediol (BDO) Average Price of Key Manufacturers (2016-2021)

Manufacturers 1, 4-Butanediol (BDO) Production Sites and Area Served

Manufacturers 1, 4-Butanediol (BDO) Product Type

Global 1, 4-Butanediol (BDO) Sales Volume by Region (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Volume Market Share by Region (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Revenue by Region (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Revenue Market Share by Region (2016-2021)

North America 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

East Asia 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Europe 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South Asia 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Southeast Asia 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Middle East 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Africa 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Oceania 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South America 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Rest of the World 1, 4-Butanediol (BDO) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

North America 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

East Asia 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

Europe 1, 4-Butanediol (BDO) Consumption by Region (2016-2021)

South Asia 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

Southeast Asia 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

Middle East 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

Africa 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)



Oceania 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

South America 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

Rest of the World 1, 4-Butanediol (BDO) Consumption by Countries (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Volume by Type (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Volume Market Share by Type (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Revenue by Type (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Revenue Share by Type (2016-2021)

Global 1, 4-Butanediol (BDO) Sales Price by Type (2016-2021)

Global 1, 4-Butanediol (BDO) Consumption Volume by Application (2016-2021)

Global 1, 4-Butanediol (BDO) Consumption Volume Market Share by Application (2016-2021)

Global 1, 4-Butanediol (BDO) Consumption Value by Application (2016-2021)

Global 1, 4-Butanediol (BDO) Consumption Value Market Share by Application (2016-2021)

BASF 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

MarkorChem 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Ashland 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Table Dairen Chemical 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

INVISTA 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Lyondellbasell 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Changcheng Energy 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Mitsubishi Chemical Corporation 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Nanya Plastics Corporation 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Xinjiang Tianye 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

HNEC 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Shanxi Sanwei Group 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

TunHe 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin



(2016-2021)

Henan Kaixiang Fine Chemical 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Shanxi BidiOu 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Sichuan Tianhua 1, 4-Butanediol (BDO) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

1, 4-Butanediol (BDO) Distributors List

1, 4-Butanediol (BDO) Customers List

Market Key Trends

Key Opportunities and Drivers: Impact Analysis (2022-2027)

Key Challenges

Global 1, 4-Butanediol (BDO) Production Forecast by Region (2022-2027)

Global 1, 4-Butanediol (BDO) Sales Volume Forecast by Type (2022-2027)

Global 1, 4-Butanediol (BDO) Sales Volume Market Share Forecast by Type (2022-2027)

Global 1, 4-Butanediol (BDO) Sales Revenue Forecast by Type (2022-2027)

Global 1, 4-Butanediol (BDO) Sales Revenue Market Share Forecast by Type (2022-2027)

Global 1, 4-Butanediol (BDO) Sales Price Forecast by Type (2022-2027)

Global 1, 4-Butanediol (BDO) Consumption Volume Forecast by Application (2022-2027)

Global 1, 4-Butanediol (BDO) Consumption Value Forecast by Application (2022-2027)

North America 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

East Asia 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Europe 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

South Asia 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Southeast Asia 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Middle East 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Africa 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Oceania 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

South America 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Rest of the world 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027 by Country

Research Programs/Design for This Report

Key Data Information from Secondary Sources

Key Data Information from Primary Sources

Global 1, 4-Butanediol (BDO) Market Share by Type: 2021 VS 2027



Reppe process Features

Davy process Features

Butadiene process Features

Propylene oxide process Features

Global 1, 4-Butanediol (BDO) Market Share by Application: 2021 VS 2027

Tetrahydrofuran (THF) Case Studies

Polybutylene Terephthalate (PBT) Case Studies

Gamma-Butyrolactone (GBL) Case Studies

Polyurethanes (PU) Case Studies

Others Case Studies

1, 4-Butanediol (BDO) Report Years Considered

Global 1, 4-Butanediol (BDO) Market Status and Outlook (2016-2027)

North America 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

East Asia 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

Europe 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

South Asia 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

South America 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

Middle East 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

Africa 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

Oceania 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

South America 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

Rest of the World 1, 4-Butanediol (BDO) Revenue (Value) and Growth Rate (2016-2027)

North America 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

East Asia 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

Europe 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

South Asia 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

Southeast Asia 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

Middle East 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

Africa 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

Oceania 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

South America 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

Rest of the World 1, 4-Butanediol (BDO) Sales Volume Growth Rate (2016-2021)

North America 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

North America 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

United States 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Canada 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Mexico 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

East Asia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)



East Asia 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021 China 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Japan 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

South Korea 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Europe 1, 4-Butanediol (BDO) Consumption and Growth Rate

Europe 1, 4-Butanediol (BDO) Consumption Market Share by Region in 2021

Germany 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

United Kingdom 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

France 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Italy 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Russia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Spain 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Netherlands 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Switzerland 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Poland 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

South Asia 1, 4-Butanediol (BDO) Consumption and Growth Rate

South Asia 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

India 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Pakistan 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Bangladesh 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Southeast Asia 1, 4-Butanediol (BDO) Consumption and Growth Rate

Southeast Asia 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

Indonesia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Thailand 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Singapore 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Malaysia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Philippines 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Vietnam 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Myanmar 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Middle East 1, 4-Butanediol (BDO) Consumption and Growth Rate

Middle East 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

Turkey 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Saudi Arabia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Iran 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

United Arab Emirates 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Israel 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Iraq 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Qatar 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)



Kuwait 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Oman 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Africa 1, 4-Butanediol (BDO) Consumption and Growth Rate

Africa 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

Nigeria 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

South Africa 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Egypt 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Algeria 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Morocco 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Oceania 1, 4-Butanediol (BDO) Consumption and Growth Rate

Oceania 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

Australia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

New Zealand 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

South America 1, 4-Butanediol (BDO) Consumption and Growth Rate

South America 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

Brazil 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Argentina 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Columbia 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Chile 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Venezuelal 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Peru 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Puerto Rico 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Ecuador 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Rest of the World 1, 4-Butanediol (BDO) Consumption and Growth Rate

Rest of the World 1, 4-Butanediol (BDO) Consumption Market Share by Countries in 2021

Kazakhstan 1, 4-Butanediol (BDO) Consumption and Growth Rate (2016-2021)

Sales Market Share of 1, 4-Butanediol (BDO) by Type in 2021

Sales Revenue Market Share of 1, 4-Butanediol (BDO) by Type in 2021

Global 1, 4-Butanediol (BDO) Consumption Volume Market Share by Application in 2021

BASF 1, 4-Butanediol (BDO) Product Specification

MarkorChem 1, 4-Butanediol (BDO) Product Specification

Ashland 1, 4-Butanediol (BDO) Product Specification

Dairen Chemical 1, 4-Butanediol (BDO) Product Specification

INVISTA 1, 4-Butanediol (BDO) Product Specification

Lyondellbasell 1, 4-Butanediol (BDO) Product Specification

Changcheng Energy 1, 4-Butanediol (BDO) Product Specification

Mitsubishi Chemical Corporation 1, 4-Butanediol (BDO) Product Specification



Nanya Plastics Corporation 1, 4-Butanediol (BDO) Product Specification

Xinjiang Tianye 1, 4-Butanediol (BDO) Product Specification

HNEC 1, 4-Butanediol (BDO) Product Specification

Shanxi Sanwei Group 1, 4-Butanediol (BDO) Product Specification

TunHe 1, 4-Butanediol (BDO) Product Specification

Henan Kaixiang Fine Chemical 1, 4-Butanediol (BDO) Product Specification

Shanxi BidiOu 1, 4-Butanediol (BDO) Product Specification

Sichuan Tianhua 1, 4-Butanediol (BDO) Product Specification

Manufacturing Cost Structure of 1, 4-Butanediol (BDO)

Manufacturing Process Analysis of 1, 4-Butanediol (BDO)

1, 4-Butanediol (BDO) Industrial Chain Analysis

Channels of Distribution

**Distributors Profiles** 

Porter's Five Forces Analysis

Global 1, 4-Butanediol (BDO) Production Capacity Growth Rate Forecast (2022-2027)

Global 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Global 1, 4-Butanediol (BDO) Price and Trend Forecast (2016-2027)

North America 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

North America 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

East Asia 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

East Asia 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Europe 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

Europe 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

South Asia 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

South Asia 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Southeast Asia 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

Southeast Asia 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Middle East 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

Middle East 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Africa 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

Africa 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Oceania 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

Oceania 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

South America 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

South America 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

Rest of the World 1, 4-Butanediol (BDO) Production Growth Rate Forecast (2022-2027)

Rest of the World 1, 4-Butanediol (BDO) Revenue Growth Rate Forecast (2022-2027)

North America 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027

East Asia 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027



Europe 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
South Asia 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
Southeast Asia 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
Middle East 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
Africa 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
Oceania 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
South America 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
Rest of the world 1, 4-Butanediol (BDO) Consumption Forecast 2022-2027
Bottom-up and Top-down Approaches for This Report



## I would like to order

Product name: Global 1, 4-Butanediol (BDO) Market Research Report 2021 Professional Edition

Product link: <a href="https://marketpublishers.com/r/G771E9675F03EN.html">https://marketpublishers.com/r/G771E9675F03EN.html</a>

Price: US\$ 2,890.00 (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 <a href="https://marketpublishers.com/r/G771E9675F03EN.html">https://marketpublishers.com/r/G771E9675F03EN.html</a>

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
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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