

# Global 1, 3-Propanediol (PDO) Market Report 2019, Competitive Landscape, Trends and Opportunities

<https://marketpublishers.com/r/GAA30265A27AEN.html>

Date: June 2019

Pages: 114

Price: US\$ 2,950.00 (Single User License)

ID: GAA30265A27AEN

## Abstracts

The 1, 3-Propanediol (PDO) market has witnessed growth from USD XX million to USD XX million from 2014 to 2019. With the CAGR of X.X%, this market is estimated to reach USD XX million in 2026.

The report mainly studies the size, recent trends and development status of the 1, 3-Propanediol (PDO) market, as well as investment opportunities, government policy, market dynamics (drivers, restraints, opportunities), supply chain and competitive landscape. Technological innovation and advancement will further optimize the performance of the product, making it more widely used in downstream applications. Moreover, Porter's Five Forces Analysis (potential entrants, suppliers, substitutes, buyers, industry competitors) provides crucial information for knowing the 1, 3-Propanediol (PDO) market.

Major players in the global 1, 3-Propanediol (PDO) market include:

Glory Biomaterial

Henan Tianguan

TCI Chemicals

DOW

Chenneng

DuPont Tate & Lyle Bio Products

Shell Chemicals LP

Shangdong Mingxing

Metabolic-Explorer

Shanghai Demao

On the basis of types, the 1, 3-Propanediol (PDO) market is primarily split into:

## Industrial Lifestyle

On the basis of applications, the market covers:

Polytrimethylene Terephthalate (PTT)

Polyurethane (PU)

Personal Care & Detergents

Geographically, the report includes the research on production, consumption, revenue, market share and growth rate, and forecast (2014-2026) of the following regions:

United States

Europe (Germany, UK, France, Italy, Spain, Russia, Poland)

China

Japan

India

Southeast Asia (Malaysia, Singapore, Philippines, Indonesia, Thailand, Vietnam)

Central and South America (Brazil, Mexico, Colombia)

Middle East and Africa (Saudi Arabia, United Arab Emirates, Turkey, Egypt, South Africa, Nigeria)

Other Regions

Chapter 1 provides an overview of 1, 3-Propanediol (PDO) market, containing global revenue, global production, sales, and CAGR. The forecast and analysis of 1, 3-Propanediol (PDO) market by type, application, and region are also presented in this chapter.

Chapter 2 is about the market landscape and major players. It provides competitive situation and market concentration status along with the basic information of these players.

Chapter 3 provides a full-scale analysis of major players in 1, 3-Propanediol (PDO) industry. The basic information, as well as the profiles, applications and specifications of products market performance along with Business Overview are offered.

Chapter 4 gives a worldwide view of 1, 3-Propanediol (PDO) market. It includes production, market share revenue, price, and the growth rate by type.

Chapter 5 focuses on the application of 1, 3-Propanediol (PDO), by analyzing the consumption and its growth rate of each application.

Chapter 6 is about production, consumption, export, and import of 1, 3-Propanediol (PDO) in each region.

Chapter 7 pays attention to the production, revenue, price and gross margin of 1, 3-Propanediol (PDO) in markets of different regions. The analysis on production, revenue, price and gross margin of the global market is covered in this part.

Chapter 8 concentrates on manufacturing analysis, including key raw material analysis, cost structure analysis and process analysis, making up a comprehensive analysis of manufacturing cost.

Chapter 9 introduces the industrial chain of 1, 3-Propanediol (PDO). Industrial chain analysis, raw material sources and downstream buyers are analyzed in this chapter.

Chapter 10 provides clear insights into market dynamics.

Chapter 11 prospects the whole 1, 3-Propanediol (PDO) market, including the global production and revenue forecast, regional forecast. It also foresees the 1, 3-Propanediol (PDO) market by type and application.

Chapter 12 concludes the research findings and refines all the highlights of the study.

Chapter 13 introduces the research methodology and sources of research data for your understanding.

Years considered for this report:

Historical Years: 2014-2018

Base Year: 2019

Estimated Year: 2019

Forecast Period: 2019-2026

## Contents

### 1 1, 3-PROPANEDIOL (PDO) MARKET OVERVIEW

#### 1.1 Product Overview and Scope of 1, 3-Propanediol (PDO)

#### 1.2 1, 3-Propanediol (PDO) Segment by Type

##### 1.2.1 Global 1, 3-Propanediol (PDO) Production and CAGR (%) Comparison by Type (2014-2026)

##### 1.2.2 The Market Profile of Industrial

##### 1.2.3 The Market Profile of Lifestyle

#### 1.3 Global 1, 3-Propanediol (PDO) Segment by Application

##### 1.3.1 1, 3-Propanediol (PDO) Consumption (Sales) Comparison by Application (2014-2026)

##### 1.3.2 The Market Profile of Polytrimethylene Terephthalate (PTT)

##### 1.3.3 The Market Profile of Polyurethane (PU)

##### 1.3.4 The Market Profile of Personal Care & Detergents

#### 1.4 Global 1, 3-Propanediol (PDO) Market by Region (2014-2026)

##### 1.4.1 Global 1, 3-Propanediol (PDO) Market Size (Value) and CAGR (%) Comparison by Region (2014-2026)

##### 1.4.2 United States 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3 Europe 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.1 Germany 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.2 UK 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.3 France 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.4 Italy 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.5 Spain 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.6 Russia 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.3.7 Poland 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.4 China 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.5 Japan 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.6 India 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7 Southeast Asia 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7.1 Malaysia 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7.2 Singapore 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7.3 Philippines 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7.4 Indonesia 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7.5 Thailand 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.7.6 Vietnam 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

##### 1.4.8 Central and South America 1, 3-Propanediol (PDO) Market Status and Prospect

(2014-2026)

1.4.8.1 Brazil 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.8.2 Mexico 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.8.3 Colombia 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9 Middle East and Africa 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9.1 Saudi Arabia 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9.2 United Arab Emirates 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9.3 Turkey 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9.4 Egypt 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9.5 South Africa 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.4.9.6 Nigeria 1, 3-Propanediol (PDO) Market Status and Prospect (2014-2026)

1.5 Global Market Size (Value) of 1, 3-Propanediol (PDO) (2014-2026)

1.5.1 Global 1, 3-Propanediol (PDO) Revenue Status and Outlook (2014-2026)

1.5.2 Global 1, 3-Propanediol (PDO) Production Status and Outlook (2014-2026)

## **2 GLOBAL 1, 3-PROPANEDIOL (PDO) MARKET LANDSCAPE BY PLAYER**

2.1 Global 1, 3-Propanediol (PDO) Production and Share by Player (2014-2019)

2.2 Global 1, 3-Propanediol (PDO) Revenue and Market Share by Player (2014-2019)

2.3 Global 1, 3-Propanediol (PDO) Average Price by Player (2014-2019)

2.4 1, 3-Propanediol (PDO) Manufacturing Base Distribution, Sales Area and Product Type by Player

2.5 1, 3-Propanediol (PDO) Market Competitive Situation and Trends

2.5.1 1, 3-Propanediol (PDO) Market Concentration Rate

2.5.2 1, 3-Propanediol (PDO) Market Share of Top 3 and Top 6 Players

2.5.3 Mergers & Acquisitions, Expansion

## **3 PLAYERS PROFILES**

3.1 Glory Biomaterial

3.1.1 Glory Biomaterial Basic Information, Manufacturing Base, Sales Area and Competitors

3.1.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.1.3 Glory Biomaterial 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.1.4 Glory Biomaterial Business Overview

3.2 Henan Tianguan

3.2.1 Henan Tianguan Basic Information, Manufacturing Base, Sales Area and Competitors

3.2.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.2.3 Henan Tianguan 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.2.4 Henan Tianguan Business Overview

3.3 TCI Chemicals

3.3.1 TCI Chemicals Basic Information, Manufacturing Base, Sales Area and Competitors

3.3.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.3.3 TCI Chemicals 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.3.4 TCI Chemicals Business Overview

3.4 DOW

3.4.1 DOW Basic Information, Manufacturing Base, Sales Area and Competitors

3.4.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.4.3 DOW 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.4.4 DOW Business Overview

3.5 Chenneng

3.5.1 Chenneng Basic Information, Manufacturing Base, Sales Area and Competitors

3.5.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.5.3 Chenneng 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.5.4 Chenneng Business Overview

3.6 DuPont Tate & Lyle Bio Products

3.6.1 DuPont Tate & Lyle Bio Products Basic Information, Manufacturing Base, Sales Area and Competitors

3.6.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.6.3 DuPont Tate & Lyle Bio Products 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.6.4 DuPont Tate & Lyle Bio Products Business Overview

3.7 Shell Chemicals LP

3.7.1 Shell Chemicals LP Basic Information, Manufacturing Base, Sales Area and Competitors

3.7.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.7.3 Shell Chemicals LP 1, 3-Propanediol (PDO) Market Performance (2014-2019)

3.7.4 Shell Chemicals LP Business Overview

3.8 Shangdong Mingxing

3.8.1 Shangdong Mingxing Basic Information, Manufacturing Base, Sales Area and Competitors

3.8.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

3.8.3 Shangdong Mingxing 1, 3-Propanediol (PDO) Market Performance (2014-2019)



### 3.8.4 Shangdong Mingxing Business Overview

## 3.9 Metabolic-Explorer

### 3.9.1 Metabolic-Explorer Basic Information, Manufacturing Base, Sales Area and Competitors

#### 3.9.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

#### 3.9.3 Metabolic-Explorer 1, 3-Propanediol (PDO) Market Performance (2014-2019)

#### 3.9.4 Metabolic-Explorer Business Overview

## 3.10 Shanghai Demao

### 3.10.1 Shanghai Demao Basic Information, Manufacturing Base, Sales Area and Competitors

#### 3.10.2 1, 3-Propanediol (PDO) Product Profiles, Application and Specification

#### 3.10.3 Shanghai Demao 1, 3-Propanediol (PDO) Market Performance (2014-2019)

#### 3.10.4 Shanghai Demao Business Overview

## **4 GLOBAL 1, 3-PROPANEDIOL (PDO) PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE**

### 4.1 Global 1, 3-Propanediol (PDO) Production and Market Share by Type (2014-2019)

### 4.2 Global 1, 3-Propanediol (PDO) Revenue and Market Share by Type (2014-2019)

### 4.3 Global 1, 3-Propanediol (PDO) Price by Type (2014-2019)

### 4.4 Global 1, 3-Propanediol (PDO) Production Growth Rate by Type (2014-2019)

#### 4.4.1 Global 1, 3-Propanediol (PDO) Production Growth Rate of Industrial (2014-2019)

#### 4.4.2 Global 1, 3-Propanediol (PDO) Production Growth Rate of Lifestyle (2014-2019)

## **5 GLOBAL 1, 3-PROPANEDIOL (PDO) MARKET ANALYSIS BY APPLICATION**

### 5.1 Global 1, 3-Propanediol (PDO) Consumption and Market Share by Application (2014-2019)

### 5.2 Global 1, 3-Propanediol (PDO) Consumption Growth Rate by Application (2014-2019)

#### 5.2.1 Global 1, 3-Propanediol (PDO) Consumption Growth Rate of Polytrimethylene Terephthalate (PTT) (2014-2019)

#### 5.2.2 Global 1, 3-Propanediol (PDO) Consumption Growth Rate of Polyurethane (PU) (2014-2019)

#### 5.2.3 Global 1, 3-Propanediol (PDO) Consumption Growth Rate of Personal Care & Detergents (2014-2019)

## **6 GLOBAL 1, 3-PROPANEDIOL (PDO) PRODUCTION, CONSUMPTION, EXPORT, IMPORT BY REGION (2014-2019)**

- 6.1 Global 1, 3-Propanediol (PDO) Consumption by Region (2014-2019)
- 6.2 United States 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.3 Europe 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.4 China 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.5 Japan 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.6 India 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.7 Southeast Asia 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.8 Central and South America 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)
- 6.9 Middle East and Africa 1, 3-Propanediol (PDO) Production, Consumption, Export, Import (2014-2019)

## **7 GLOBAL 1, 3-PROPANEDIOL (PDO) PRODUCTION, REVENUE (VALUE) BY REGION (2014-2019)**

- 7.1 Global 1, 3-Propanediol (PDO) Production and Market Share by Region (2014-2019)
- 7.2 Global 1, 3-Propanediol (PDO) Revenue (Value) and Market Share by Region (2014-2019)
- 7.3 Global 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)
- 7.4 United States 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)
- 7.5 Europe 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)
- 7.6 China 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)
- 7.7 Japan 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)
- 7.8 India 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)
- 7.9 Southeast Asia 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)



7.10 Central and South America 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)

7.11 Middle East and Africa 1, 3-Propanediol (PDO) Production, Revenue, Price and Gross Margin (2014-2019)

## **8 1, 3-PROPANEDIOL (PDO) MANUFACTURING ANALYSIS**

8.1 1, 3-Propanediol (PDO) Key Raw Materials Analysis

8.1.1 Key Raw Materials Introduction

8.1.2 Price Trend of Key Raw Materials

8.1.3 Key Suppliers of Raw Materials

8.1.4 Market Concentration Rate of Raw Materials

8.2 Manufacturing Cost Analysis

8.2.1 Labor Cost Analysis

8.2.2 Manufacturing Cost Structure Analysis

8.3 Manufacturing Process Analysis of 1, 3-Propanediol (PDO)

## **9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

9.1 1, 3-Propanediol (PDO) Industrial Chain Analysis

9.2 Raw Materials Sources of 1, 3-Propanediol (PDO) Major Players in 2018

9.3 Downstream Buyers

## **10 MARKET DYNAMICS**

10.1 Drivers

10.2 Restraints

10.3 Opportunities

10.3.1 Advances in Innovation and Technology for 1, 3-Propanediol (PDO)

10.3.2 Increased Demand in Emerging Markets

10.4 Challenges

10.4.1 The Performance of Alternative Product Type is Getting Better and Better

10.4.2 Price Variance Caused by Fluctuations in Raw Material Prices

10.5 Porter's Five Forces Analysis

10.5.1 Threat of New Entrants

10.5.2 Threat of Substitutes

10.5.3 Bargaining Power of Suppliers

10.5.4 Bargaining Power of Buyers

10.5.5 Intensity of Competitive Rivalry

## **11 GLOBAL 1, 3-PROPANEDIOL (PDO) MARKET FORECAST (2019-2026)**

### 11.1 Global 1, 3-Propanediol (PDO) Production, Revenue Forecast (2019-2026)

11.1.1 Global 1, 3-Propanediol (PDO) Production and Growth Rate Forecast (2019-2026)

11.1.2 Global 1, 3-Propanediol (PDO) Revenue and Growth Rate Forecast (2019-2026)

11.1.3 Global 1, 3-Propanediol (PDO) Price and Trend Forecast (2019-2026)

11.2 Global 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast by Region (2019-2026)

11.2.1 United States 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.2 Europe 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.3 China 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.4 Japan 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.5 India 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.6 Southeast Asia 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.7 Central and South America 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.2.8 Middle East and Africa 1, 3-Propanediol (PDO) Production, Consumption, Export and Import Forecast (2019-2026)

11.3 Global 1, 3-Propanediol (PDO) Production, Revenue and Price Forecast by Type (2019-2026)

11.4 Global 1, 3-Propanediol (PDO) Consumption Forecast by Application (2019-2026)

## **12 RESEARCH FINDINGS AND CONCLUSION**

## **13 APPENDIX**

13.1 Methodology

13.2 Research Data Source

## I would like to order

Product name: Global 1, 3-Propanediol (PDO) Market Report 2019, Competitive Landscape, Trends and Opportunities

Product link: <https://marketpublishers.com/r/GAA30265A27AEN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GAA30265A27AEN.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

