

# Global Bio-Based 1,3-Propanediol Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Bio-Based 1,3-Propanediol market size is expected to reach \$ 2168.3 million by 2029, rising at a market growth of 23.4% CAGR during the forecast period (2023-2029).

Bio-based 1,3-propanediol (PDO), a colorless, odorless, hygroscopic, transparent viscous liquid, is widely used in cosmetics, pharmaceutical intermediates, PTT polyesters, coatings, lubricants, inks, fatty acid esters, acrylates and other fields. Its most important use is polymerization with terephthalic acid (PTA) to produce poly(propylene terephthalate) (PTT).

The major global producers of bio-based 1,3-propanediol are DuPont, Tsing Da Zhi Xing, Zhangjiagang Meirong Chemical Industry Co., Ltd. and Jiangsu Shenghong (Suzhou Suzhen Biological Engineering Co., Ltd.), occupying more than 90% of the market share in total, among which the largest producer is Jiangsu Shenghong (Suzhou Suzhen Biological Engineering Co., Ltd.) In terms of its product categories, bio-based 1,3-propanediol prepared by glucose conversion method has a higher market share of over 90%, while biodiesel conversion method has a lower share. In terms of its applications, the PPT polyester industry is its top application area with a market share of nearly 80%; the cosmetics industry has a fast growing trend in size at 28.14%.

This report studies the global Bio-Based 1,3-Propanediol production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bio-Based 1,3-Propanediol, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and

competition, as well as details the characteristics of Bio-Based 1,3-Propanediol that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bio-Based 1,3-Propanediol total production and demand, 2018-2029, (Tons)

Global Bio-Based 1,3-Propanediol total production value, 2018-2029, (USD Million)

Global Bio-Based 1,3-Propanediol production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Bio-Based 1,3-Propanediol consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Bio-Based 1,3-Propanediol domestic production, consumption, key domestic manufacturers and share

Global Bio-Based 1,3-Propanediol production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Bio-Based 1,3-Propanediol production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Bio-Based 1,3-Propanediol production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Bio-Based 1,3-Propanediol market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Huafeng Group (DuPont), Tsing Da Zhi Xing, Zhangjiagang Meirong Chemical Industry Co., Ltd. and Jiangsu Shenghong (Suzhou Suzhen Biological Engineering Co., Ltd.), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Bio-Based 1,3-Propanediol market

## Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Bio-Based 1,3-Propanediol Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Bio-Based 1,3-Propanediol Market, Segmentation by Type

Glucose Conversion

Biodiesel Conversion

## Global Bio-Based 1,3-Propanediol Market, Segmentation by Application

PTT Polyester

Cosmetic

Pharmaceutical

Other

#### Companies Profiled:

Huafeng Group (DuPont)

Tsing Da Zhi Xing

Zhangjiagang Meirong Chemical Industry Co., Ltd.

Jiangsu Shenghong (Suzhou Suzhen Biological Engineering Co., Ltd.)

#### Key Questions Answered

1. How big is the global Bio-Based 1,3-Propanediol market?
2. What is the demand of the global Bio-Based 1,3-Propanediol market?
3. What is the year over year growth of the global Bio-Based 1,3-Propanediol market?
4. What is the production and production value of the global Bio-Based 1,3-Propanediol market?
5. Who are the key producers in the global Bio-Based 1,3-Propanediol market?
6. What are the growth factors driving the market demand?

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Figure 39. Cosmetic

Figure 40. Pharmaceutical

Figure 41. Other

Figure 42. World Bio-Based 1,3-Propanediol Production Market Share by Application (2018-2029)

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Figure 49. Methodology



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