

# Global Biological 1,3-Propanediol (PDO) Market Growth 2023-2029

<https://marketpublishers.com/r/G28F0588985AEN.html>

Date: June 2023

Pages: 97

Price: US\$ 3,660.00 (Single User License)

ID: G28F0588985AEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Biological 1,3-Propanediol (PDO) market size is projected to grow from US\$ 520.4 million in 2022 to US\$ 946.6 million in 2029; it is expected to grow at a CAGR of 8.9% from 2023 to 2029.

United States market for Biological 1,3-Propanediol (PDO) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Biological 1,3-Propanediol (PDO) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Biological 1,3-Propanediol (PDO) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Biological 1,3-Propanediol (PDO) players cover DuPont, METabolic EXplorer, Zhangjiagang Glory Chemical Industry, Jiangsu Eastern Shenghong and Guangdong Tsinghua Smart Biotech, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Biological 1,3-Propanediol, also known as bio-based 1,3-propanediol or bio-PDO, is a renewable and sustainable chemical compound derived from biomass sources. It is a type of diol, meaning it contains two hydroxyl groups (-OH) attached to adjacent carbon atoms. Bio-PDO is produced through the fermentation process of renewable feedstocks such as corn, sugar beets, or sugarcane. The feedstock is converted into glycerol, which is then further processed to produce bio-PDO. This bio-based alternative to

traditional petroleum-based 1,3-propanediol offers several advantages, including reduced environmental impact and lower carbon emissions.

LPI (LP Information)' newest research report, the “Biological 1,3-Propanediol (PDO) Industry Forecast” looks at past sales and reviews total world Biological 1,3-Propanediol (PDO) sales in 2022, providing a comprehensive analysis by region and market sector of projected Biological 1,3-Propanediol (PDO) sales for 2023 through 2029. With Biological 1,3-Propanediol (PDO) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Biological 1,3-Propanediol (PDO) industry.

This Insight Report provides a comprehensive analysis of the global Biological 1,3-Propanediol (PDO) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Biological 1,3-Propanediol (PDO) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Biological 1,3-Propanediol (PDO) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Biological 1,3-Propanediol (PDO) and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Biological 1,3-Propanediol (PDO).

This report presents a comprehensive overview, market shares, and growth opportunities of Biological 1,3-Propanediol (PDO) market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Industrial Grade

Pharmaceutical Grade

## Segmentation by application

PTT & Polyurethane

Cosmetic

Pharmaceutical

Other

## This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

DuPont

METabolic EXplorer

Zhangjiagang Glory Chemical Industry

Jiangsu Eastern Shenghong

Guangdong Tsinghua Smart Biotech

Key Questions Addressed in this Report

What is the 10-year outlook for the global Biological 1,3-Propanediol (PDO) market?

What factors are driving Biological 1,3-Propanediol (PDO) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Biological 1,3-Propanediol (PDO) market opportunities vary by end market size?

How does Biological 1,3-Propanediol (PDO) break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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