

1,4-Butanediol Market by Type (Synthetic and Bio-based), Application (Tetrahydrofuran (THF), Polybutylene Terephthalate (PBT), Gamma Butyrolactone (GBL), Polyurethane (PU)), and Region (APAC, North America, Europe, RoW) - Global Forecast to 2027

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Abstracts

The global 1,4-Butanediol market size is estimated to be USD USD 7.3 billion in 2022 and projected to reach USD 11.0 billion by 2027, at a CAGR of 8.5%. The growing awareness regarding recyclable products, and their benefits related to the environment is one the primary factors driving market growth. Moreover, factors like growing demand from the automotive industry, and high demand from the textile sector are also contributing toward the market growth of 1,4-Butanediol.

“THF is estimated to lead the 1,4-Butanediol market, by application in terms of value during the forecast period

By application, THF is estimated to be the largest segment in BDO market in 2021. Tetrahydrofuran (THF) is broadly used as an intermediate raw material or as a solvent in applications, that include, PTMEG, PVC, pharmaceuticals, magnetic tapes, adhesives, paints and coatings, amongst others. It is largely used in the textile industry. With increasing demand for special purpose textiles from all over the world, the demand for Tetrahydrofuran (THF) is expected to rise during the forecast period. This in turn, is propelling market growth for BDO.

“Bio based BDO is estimated to be the fastest-growing segment in BDO market, by type.”

By type, bio based BDO is estimated to be the fastest growing segment of 1,4-Butanediol market during the forecast period. The usage of bio based BDO is getting higher due to environmental regulations. The rising government regulations regarding the ban on conventional plastics and global warming initiatives are expected to drive the demand for bio based 1,4-Butanediol across the world.

“Asia Pacific is projected to be the largest market for 1,4-Butanediol during the forecast period, in terms of value.”

Asia Pacific is projected to be largest market for BDO during the forecast period. The usage of BDO is increasing extensively in the automotive industry. With growing utilization of BDO, particularly in electric vehicle developments, most of the players are expanding their production capacities of 1,4-Butanediol. This is considered as a major driving factor for BDO market.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 65%, Tier 2 – 20%, and Tier 3 – 15%

By Designation: C-level Executives – 25%, Directors – 30%, Others – 45%

By Region: North America – 30%, Europe – 20%, Asia Pacific – 40%, RoW – 10%

The BDO market report is dominated by, such BASF SE (Germany), DCC (Taiwan), Sinopec Yizheng Chemical Fibre Co., Ltd. (China), Nan Ya Plastics Corporation (Taiwan), and Xinjiang Tianye (Group) Co., Ltd. (China).

Research Coverage:

The report defines, segments, and projects the 1,4-Butanediol market based on technology, type, application, and region. It provides detailed information regarding the major factors influencing the growth of the market, such as drivers, restraints, opportunities, and industry-specific challenges. It strategically profiles key players and comprehensively analyzes their market shares and core competencies as well as tracks and analyzes competitive developments, such as new product launches, expansions, and partnerships undertaken by them in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants in the market by providing them the closest approximations of revenue numbers of the 1,4-Butanediol market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the competitive landscape of the market, gain insights to improve the position of their businesses, and make suitable go-to-market strategies. It also enables stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.

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About

The report “1,4 Butanediol Market by Technology (Reppe process, Davy process, Butadiene process, Propylene oxide process and others), and by Application (THF, PBT, GBL, PU, and Others) - Global Trends & Forecasts to 2019”, defines and segments the global 1,4 butanediol market with an analysis and forecast of its global volume and value.

The report also defines driving and restraining factors for the global 1,4 butanediol market with the analysis of trends, opportunities, and burning issues, winning imperatives, strategic benchmarking and challenges.

Key Players for 1,4 Butanediol Market:

BASF SE (Germany)

Dairen Chemicals (Taiwan)

LyondellBasell Chemicals (The Netherlands)

Shanxi Sanwei Group (China)

International Specialty Products (U.S.)

Mitsubishi Chemicals (Japan)

The Asia-Pacific is the most promising market for 1,4 butanediol and is anticipated to be the same in the near future. The Asia-Pacific is the largest market of 1,4 butanediol, which accounted for a share of 56.34% the total demand in 2013. The demand for 1,4 butanediol in the region is projected to register a CAGR of 6.77%, in terms of volume, between 2014 and 2019. It is estimated that China was the biggest consumers of 1,4 butanediol in the region. China is also the fastest-growing market for 1,4 butanediol globally, and is projected to register a CAGR of 9.95% between 2014 and 2019.

THF (tetrahydrofuran) is an important immediate downstream product of BDO. THF make up for single largest end application market for BDO. It is a colorless, water miscible organic liquid with low viscosity at standard temperature and pressure. THF is widely used as an important raw material for polymers and is predominantly used to produce PTMEG, which in turn is a reactant for making other polymers. THF accounted for a share of 45.91% of the global 1,4 butanediol market in 2013.

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