

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 1, 4-Butanediol (BDO) Market 2018, Forecast to 2023

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## Abstracts

1,4-Butanediol colloquially known as BD or BDO is a slightly-toxic, non- hazardous, colorless liquid or solid (depending on the temperature) organic chemical compound. The viscous liquid is used in industry as a solvent, a coating-resin raw material, and in chemical and pharmaceutical production.

Scope of the Report:

This report focuses on the 1, 4-Butanediol (BDO) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

1,4-Butanediol (BDO) is a liquid organic compound with the molecular formula  $C_4H_{10}O_2$  and CAS 110-63-4. It is almost odorless, combustible, and is one of four stable isomers of butanediol.

BDO is readily soluble in water, alcohols, ketones, glycol ethers, and glycol ether acetates. It is less soluble in diethyl ether and esters. The liquid compound is not miscible with aliphatic and aromatic hydrocarbons and chlorinated hydrocarbons. Although BDO can be slightly irritating to the skin, eyes, and respiratory tract, it is considered non-toxic and only slightly hazardous to health. Ingestion of large quantities would be needed to produce adverse symptoms.

The worldwide market for 1, 4-Butanediol (BDO) is expected to grow at a CAGR of roughly 7.0% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Mitsubishi Chemical Corporation

Ashland Inc.

Bioamber Inc.

Chemtura Corporation

Chongqing Jian Feng Chemical Industry Co. Ltd

Genomatica Inc.

Invista S.A.R.L

SK Global Chemical Co. Ltd.

Mitsui & Co. Ltd.

hanxi Sanwei Group Co. Ltd

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Gamma-Butyrolactone (GBL)

Polyurethanes (PU)

Polybutylene Terephthalate (PBT)

Tetrahydrofuran (THF)

Others

Market Segment by Applications, can be divided into

Mitsubishi Chemical Corporation

Ashland Inc.

Bioamber Inc.

Chemtura Corporation

There are 15 Chapters to deeply display the global 1, 4-Butanediol (BDO) market.

Chapter 1, to describe 1, 4-Butanediol (BDO) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of 1, 4-Butanediol (BDO), with sales, revenue, and price of 1, 4-Butanediol (BDO), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of 1, 4-Butanediol (BDO), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, 1, 4-Butanediol (BDO) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe 1, 4-Butanediol (BDO) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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