1,4-Butanediol is used industrially as a solvent and in the manufacture of some types of plastics, elastic fibers and polyurethanes. 2,3-Butanediol is a chemical compound with the molecular formula C₄H₁₀O₂. It has three stereoisomers, all of which are colorless, viscous liquids. It occurs naturally upon the fermentation of sugarcane molasses. Applications include precursors to various plastics and pesticides.

In application, 1,4 Butanediol downstream is wide and recently 1,4 Butanediol has acquired increasing significance in various fields of THF, PBT, GBL, PU and others. Globally, the 1,4 Butanediol market is mainly driven by growing demand for THF which accounts for 52.38% global downstream consumption of 1,4 Butanediol in 2017.

The global 1,4-Butanediol market was valued at 5690 million US$ in 2018 and will reach 10300 million US$ by the end of 2025, growing at a CAGR of 7.7% during 2019-2025.

This report focuses on 1,4-Butanediol volume and value at global level, regional level and company level. From a global perspective, this report represents overall 1,4-Butanediol market size by analyzing historical data and future prospect. Regionally, this report categorizes the production, apparent consumption, export and import of 1,4-Butanediol in North America, Europe, China, Japan, Southeast Asia and India.

For each manufacturer covered, this report analyzes their 1,4-Butanediol manufacturing sites, capacity, production, ex-factory price, revenue and market share in global market.

The following manufacturers are covered:

BASF
Dairen Chemical
Lyondellbasell
Ashland
Nanya Plastics Corporation
Mitsubishi Chemical Corporation
INVISTA
MarkorChem
Xinjiang Tiantye
Changcheng Energy
Shanxi Sanwei Group
Shanxi BidiOu
Sichuan Tianhua
Henan Kaixiang Fine Chemical
HNEC
TunHe
Segment by Regions
North America
Europe
China
Japan
Southeast Asia
India
Segment by Type
Reppe process
Davy process
Butadiene process
Propylene oxide process
Segment by Application
Tetrahydrofuran (THF)
Polybutylene Terephthalate (PBT)
Gamma-Butyrolactone (GBL)
Polyurethanes (PU)
Others

Table of Contents

Executive Summary
1 Industry Overview of 1, 4-Butanediol

- 1.1 Definition of 1, 4-Butanediol
- 1.2 1, 4-Butanediol Segment by Type
  - 1.2.1 Global 1, 4-Butanediol Production Growth Rate Comparison by Types (2014-2025)
  - 1.2.2 Reppe process
  - 1.2.3 Davy process
  - 1.2.4 Butadiene process
  - 1.2.5 Propylene oxide process
1.3 1, 4-Butanediol Segment by Applications

1.3.1 Global 1, 4-Butanediol Consumption Comparison by Applications (2014-2025)
1.3.2 Tetrahydrofuran (THF)
1.3.3 Polybutylene Terephthalate (PBT)
1.3.4 Gamma-Butyrolactone (GBL)
1.3.5 Polyurethanes (PU)
1.3.6 Others

1.4 Global 1, 4-Butanediol Overall Market

1.4.1 Global 1, 4-Butanediol Revenue (2014-2025)
1.4.2 Global 1, 4-Butanediol Production (2014-2025)
1.4.3 North America 1, 4-Butanediol Status and Prospect (2014-2025)
1.4.4 Europe 1, 4-Butanediol Status and Prospect (2014-2025)
1.4.5 China 1, 4-Butanediol Status and Prospect (2014-2025)
1.4.6 Japan 1, 4-Butanediol Status and Prospect (2014-2025)
1.4.7 Southeast Asia 1, 4-Butanediol Status and Prospect (2014-2025)
1.4.8 India 1, 4-Butanediol Status and Prospect (2014-2025)

2 Manufacturing Cost Structure Analysis

2.1 Raw Material and Suppliers
2.2 Manufacturing Cost Structure Analysis of 1, 4-Butanediol
2.3 Manufacturing Process Analysis of 1, 4-Butanediol
2.4 Industry Chain Structure of 1, 4-Butanediol

3 Development and Manufacturing Plants Analysis of 1, 4-Butanediol

3.1 Capacity and Commercial Production Date
3.2 Global 1, 4-Butanediol Manufacturing Plants Distribution
3.3 Major Manufacturers Technology Source and Market Position of 1, 4-Butanediol
3.4 Recent Development and Expansion Plans

4 Key Figures of Major Manufacturers

4.1 1, 4-Butanediol Production and Capacity Analysis
4.2 1, 4-Butanediol Revenue Analysis
4.3 1, 4-Butanediol Price Analysis
4.4 Market Concentration Degree

5 1, 4-Butanediol Regional Market Analysis

5.1 1, 4-Butanediol Production by Regions
5.1.1 Global 1, 4-Butanediol Production by Regions
5.1.2 Global 1, 4-Butanediol Sale Revenue by Regions
5.2 1, 4-Butanediol Consumption by Regions
5.3 North America 1, 4-Butanediol Market Analysis
5.3.1 North America 1, 4-Butanediol Production
5.3.2 North America 1, 4-Butanediol Consumption
5.3.3 Key Manufacturers in North America
5.3.4 North America 1, 4-Butanediol Import and Export
5.4 Europe 1, 4-Butanediol Market Analysis
5.4.1 Europe 1, 4-Butanediol Production
5.4.2 Europe 1, 4-Butanediol Consumption
5.4.3 Key Manufacturers in Europe
5.4.4 Europe 1, 4-Butanediol Import and Export
5.5 China 1, 4-Butanediol Market Analysis
5.5.1 China 1, 4-Butanediol Production
5.5.2 China 1, 4-Butanediol Consumption
5.5.3 Key Manufacturers in China
5.5.4 China 1, 4-Butanediol Import and Export
5.6 Japan 1, 4-Butanediol Market Analysis
5.6.1 Japan 1, 4-Butanediol Production
5.6.2 Japan 1, 4-Butanediol Consumption
5.6.3 Key Manufacturers in Japan
5.6.4 Japan 1, 4-Butanediol Import and Export
5.7 Southeast Asia 1, 4-Butanediol Market Analysis
5.7.1 Southeast Asia 1, 4-Butanediol Production
5.7.2 Southeast Asia 1, 4-Butanediol Consumption
5.7.3 Key Manufacturers in Southeast Asia
5.7.4 Southeast Asia 1, 4-Butanediol Import and Export
5.8 India 1, 4-Butanediol Market Analysis
5.8.1 India 1, 4-Butanediol Production
5.8.2 India 1, 4-Butanediol Consumption
5.8.3 Key Manufacturers in India
5.8.4 India 1, 4-Butanediol Import and Export

6 1, 4-Butanediol Segment Market Analysis (by Type)
6.1 Global 1, 4-Butanediol Production by Type
6.2 Global 1, 4-Butanediol Revenue by Type
6.3 1, 4-Butanediol Price by Type

7 1, 4-Butanediol Segment Market Analysis (by Application)
7.1 Global 1, 4-Butanediol Consumption by Application
7.2 Global 1, 4-Butanediol Consumption Market Share by Application (2014-2019)

8 1, 4-Butanediol Major Manufacturers Analysis

8.1 BASF
8.1.1 BASF 1, 4-Butanediol Production Sites and Area Served
8.1.2 BASF Product Introduction, Application and Specification
8.1.3 BASF 1, 4-Butanediol Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.1.4 Main Business and Markets Served
8.2 Dairen Chemical
9 Development Trend of Analysis of 1, 4-Butanediol Market

9.1 Global 1, 4-Butanediol Market Trend Analysis
9.1.1 Global 1, 4-Butanediol Market Size (Volume and Value) Forecast 2019-2025
9.2 1, 4-Butanediol Regional Market Trend
9.2.1 North America 1, 4-Butanediol Forecast 2019-2025
9.2.2 Europe 1, 4-Butanediol Forecast 2019-2025
9.2.3 China 1, 4-Butanediol Forecast 2019-2025
9.2.4 Japan 1, 4-Butanediol Forecast 2019-2025
9.2.5 Southeast Asia 1, 4-Butanediol Forecast 2019-2025
9.2.6 India 1, 4-Butanediol Forecast 2019-2025
9.3 1, 4-Butanediol Market Trend (Product Type)
9.4 1, 4-Butanediol Market Trend (Application)
10.1 Marketing Channel
10.1.1 Direct Marketing
10.1.2 Indirect Marketing
10.3 1, 4-Butanediol Customers

11 Market Dynamics
11.1 Market Trends
11.2 Opportunities
11.3 Market Drivers
11.4 Challenges
11.5 Influence Factors

12 Conclusion

13 Appendix
13.1 Methodology/Research Approach
13.1.1 Research Programs/Design
13.1.2 Market Size Estimation
13.1.3 Market Breakdown and Data Triangulation
13.2 Data Source
13.2.1 Secondary Sources
13.2.2 Primary Sources
13.3 Author List