

Global n-Butanol Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Foreign Trade, Company Share, 2015-2032

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Abstracts

The global n-Butanol market has expanded to reach approximately 5000 thousand tonnes in 2021 and is expected to grow at a healthy CAGR of 5.51% during the forecast period until 2032.

n-Butanol is a colorless liquid with chemical formula C_4H_9OH . It is a versatile component that is widely used as a primary ingredient in various industries. On the industrial level, n-Butanol is produced by the oxo process. With the help of a catalyst (cobalt hydrocaronyls), carbon monoxide and hydrogen are added to the carbon double bond of propylene in the liquid phase to produce n-butanol as the major product and isobutanol as the minor product. n-Butanol finds its applications in multiple industries due to its ease of solubility in common solvents including alcohols, ethers, glycols, and hydrocarbons. n-butanol is used as a solvent for paint, varnishes, resins, gums, vegetable oils, dyes, and alkaloids as well as natural and synthetic resins. This solvent is quite flammable in nature and has a flashpoint of about 35 °C and should be stored in drums in cool and dry place away from sunlight.

Due to its extensive use in the building and construction industry, n-Butanol is in high demand as a solvent, coating, and chemical intermediary for butyl acetate, ethers, and other chemicals is fueling the growth of the n-Butanol market. Its application in the building & construction industry such as paints & coatings, lubricants, and varnishes drives the n-Butanol market. Owing to the rise in construction projects and infrastructure development across the globe, the demand of paints & coatings is anticipated to rise, which will most likely swell the n-butanol market in the forecast period. The global n-

Butanol market is anticipated to reach 8200 thousand tonnes by 2032.

Based on region, Asia Pacific region dominates the n-Butanol market. As of 2021, this region consumed approximately 35% of the global n-Butanol. Owing to the rapidly growing countries like India, China, and Japan, there will be a rise in construction sector leading to new industrial projects, anticipated to project a huge demand for paints & coating for usage in building and other infrastructure, anticipated to increase the demand of n-Butanol in this region.

Based on the end-use, the global n-Butanol market is segregated into Solvent, Plasticizer, Coating, and others. Among these industries, the Solvent industry is dominating the n-butanol market and accounted a market share of approximately 40% in 2021. n-butanol is utilized to manufacture n-butyl acetate which is a transparent solvent with excellent solubility for cellulose nitrate, plastics, polymers, and hydrocarbons. It is employed in paint, ink, chemical, and leather industries. Another derivative of n-butanol, n-butyl acrylate is widely employed in coatings to provide stability at low-temperature and stability and also used in various industries like paints, textiles, paper, adhesives, inks, fiber, and rubber.

Major players in the production of Global n-Butanol are OQ Chemicals, The Dow Chemical Company, Sasol Limited, INEOS Group Limited, BASF SE, Formosa Plastics Corporation, PetroChina Company Limited, Yancon Cathay Coal Chemicals Co. Ltd., Shandong Haulu Hengsheng chemical, Luxi Chemical Group Co., Ltd., Lihuayi Weiyuan Chemical Co., Ltd., and Eastman Chemical Company.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2032

Objective of the Study:

To assess the demand-supply scenario of n-

Butanol which covers production, demand and supply of N-Butanol market in the globe.

To analyse and forecast the market size of n-Butanol

To classify and forecast Global n-Butanol market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of n-Butanol market in the globe.

To extract data for Global n-Butanol market, primary research surveys were conducted with n-Butanol manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global n-Butanol market over the coming years.

ChemAnalyst calculated n-Butanol demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical supply and demand of n-Butanol across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

n-Butanol manufacturers and other stakeholders

Organizations, forums and alliances related to n-Butanol distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as n-Butanol manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global n-Butanol market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Solvent, Plasticizer, Coating, and others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for n-Butanol.

2. CAPACITY BY LOCATION

To better understand the regional supply of n-Butanol by analyzing its manufacturers' location-based capacity.

3. PRODUCTION BY COMPANY

Study the historical annual production of n-Butanol by the leading players and forecast how it will grow in the coming years.

4. DEMAND BY END- USE

Discover which end-user industry (Solvent, Plasticizer, Coating, and others) are creating a market and the forecast for the growth of the N-Butanol market.

5. DEMAND BY REGION

Analyzing the change in demand of N-Butanol in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell n-Butanol. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

7. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of n-Butanol.

8. COMPANY SHARE

Figure out what proportion of the market share of n-Butanol is currently held by leading players across the globe.

9. COUNTRY-WISE EXPORT

Get details about quantity of n-Butanol exported by major countries.

10. COUNTRY-WISE IMPORT

Get details about quantity of n-Butanol imported by major countries.

11. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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