

India Iso Butanol Market Analysis: Plant Capacity, Production, Technology, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Foreign Trade, FY2015-FY2035

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Abstracts

The India Iso Butanol market has reached approximately 70 thousand tonnes in FY2022 and is expected to grow at a steady CAGR 5.67% by FY2035. A new n-butanol plant by Indian Oil Corporation Limited (IOCL) is expected to be commissioned by FY2024, with an annual capacity of 90 KTPA and iso-butanol will be produced as a by-product with a capacity of around 2.57 KTPA,

Iso Butanol is a valuable organic compound with the formula $(CH_3)_2CHCH_2OH$. Commercial production of iso butanol is completed by the carbonylation of propylene, which is abundantly availability in India. Iso Butanol is a colorless liquid that is utilized as an organic synthesis chemical intermediate and as a solvent in coating applications. Iso butanol is readily in many solvents such as aromatic hydrocarbon alcohol, ketone, aldehyde, aromatic hydrocarbons, glycol, and ether.

The market for Iso Butanol is primarily driven by its application as a solvent in numerous chemical products. Iso Butanol is employed as a feedstock for coating resins, paint thinners, and isobutyl derivatives like isobutyl acetate, isobutyl methacrylate, and isobutyl acrylate. The largest market contributor for isobutanol is building, both commercial and residential. Due to reasons like shifting lifestyles and rising investment, residential development has seen a significant surge in recent years. Government schemes like Pradhan Mantri Awas Yojana (Urban)-PMAY (U) towards providing housing to everyone in urban areas by 2022 have majorly created a demand for building construction materials in the historic period of FY2015-FY2021. The demand for

housing and better infrastructure is anticipated to promote n-Butanol usage in the nation. The Iso Butanol market volume is estimated to reach approximately 140 thousand tonnes by FY2035.

Based on the region, in the historic period of FY2015-FY2022, West India has been ahead in the market. Western states like Gujarat and Maharashtra have been the key consumer of Iso Butanol due to the presence of leading industries of paints & coatings such as Asian Paints, and plasticizer manufacturers located in these states. To fulfill the growing demand for Iso Butanol, IOCL has commissioned a new plant which is estimated to be in operation in FY2024. During the production of N-butanol, iso-butanol will be produced as a by-product and the product is intended for merchant sale.

Based on end-use, the India Iso Butanol market is segregated into Plasticizer (DIBP), Emulsifier, Paints, and Others. In FY2022, the Plasticizer segment consolidated approximately 68% of the domestic demand followed by the Emulsifier industry and in the forecasted period, their market is projected to show rapid growth. Additionally, the industrial synthesis of derivative esters uses iso butanol. Diisobutyl phthalate (DIBP) and other isobutyl esters are employed as plasticizers in plastics, rubbers, and other dispersions.

Major players fulfilling the Iso Butanol demand in India are The Andhra Petrochemicals Limited and Bharat Petroleum Corporation Limited along with other global players like Tricon Energy Ltd, ICC Chemical Corporation, BASF SE, and Others.

Years considered for this report:

Historical Period: FY2015-FY2022

Base Year: FY2022

Estimated Year: FY2023

Forecast Period: FY2024- FY2035

Objective of the Study:

To assess the
demand-supply

scenario of Iso Butanol which covers production, demand and supply of Iso Butanol market in India.

To analyse and forecast the market size of Iso Butanol in India.

To classify and forecast India Iso Butanol market based on end-use and regional distribution.

To examine competitive developments such as expansions, green field projects/ brown field expansions, mergers & acquisitions, etc., of Iso Butanol market in India.

To extract data for India Iso Butanol market, primary research surveys were conducted with Iso 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 India Iso Butanol market over the coming years.

ChemAnalyst calculated Iso Butanol demand in India by analyzing the historical data and demand forecast which was carried out considering the imports and domestic production coupled with demand from end user industry. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data / import data of Iso Butanol 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:

Iso Butanol manufacturers and other stakeholders

Organizations, forums and alliances related to Iso 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 Iso Butanol manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

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

Market, by End-use: Plasticizer (DIBP), Emulsifier, Paints, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North India, South India, East India, West India

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 Iso Butanol.

2. CAPACITY BY LOCATION

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

3. CAPACITY BY TECHNOLOGY

To better assess the manufacturing capacities with different technologies as well as understand which technology is more in demand.

4. PRODUCTION BY COMPANY

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

5. DEMAND BY END- USE

Discover which end-user industry [Plasticizer (DIBP), Emulsifier, Paints, and Others] are creating a market and the forecast for the growth of the Iso Butanol market.

6. DEMAND BY REGION

Analyzing the change in demand of Iso Butanol in different regions across India, i.e., North India, South India, East India, West India, that can direct you in mapping the regional demand.

7. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

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

8. DEMAND-SUPPLY GAP

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

9. COMPANY SHARE

Figure out what proportion of the market share of Iso Butanol is currently held by leading players across India.

10. COUNTRY-WISE EXPORT

Get details about quantity of Iso Butanol exported by major countries.

11. COUNTRY-WISE IMPORT

Get details about quantity of Iso Butanol imported by major countries.

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