

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

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Abstracts

The global Ethanol market has reached around 100 million tonnes in 2021 and is expected to grow at a CAGR of 4.75% during the forecast period until 2032. Bharat Petroleum Corporation Limited (BPCL), one of the leading refineries of India, has announced with other oil marketing corporations, to build ethanol plants with an annual capacity of about 757 crore litres in ethanol deficiency states.

Ethanol, also known as ethyl alcohol, is alcohol in common words. It has the chemical formula of C_2H_5OH . On an industrial level, Ethanol is produced by fermentation of molasses. This transparent liquid, Ethanol has a distinct flavor with a nice aroma. It is highly flammable in nature. Ethanol combines easily with water and a variety of organic liquids and is used to dissolve other chemical compounds. Ethanol is used as a solvent for the production of a wide range of chemicals including ethyl esters, ethyl halides, acetic acid, diethyl ether, ethyl amines. Ethanol is most commonly used solvent in chemical industries. It is employed in production of a wide range of products such as drugs, lacquer, polishes, paints, plastics, plasticizers, cosmetics, alcoholic beverages, and more. Owing up to its antibacterial properties, Ethanol is used vastly in antiseptics, sanitizers, and anti-fungal solutions.

The growth of Ethanol market is expected to increase due to its application in multiple industries on a global level. The demand from Fuel and additive Industry is dominating the Ethanol market due to its flammability properties and clean burning as a fuel. The demand of Ethanol as a solvent for the production of a wide range of chemicals is anticipated to swell the demand of Ethanol in the forecast period. In the upcoming

years, the demand for ethanol will further increase even more due to rising health awareness among the population and growing demand for disinfectants. Ethanol consumption is expected to reach around 162 million tonnes by 2035.

The dominating region that demands the most significant volume is North America, consuming more than 50% of the overall demand from the globe. Owing to the due to increased industrial activity and rising gas consumption coupled with need of industrial solvents, the demand of Ethanol in North America is anticipated to rise in the forecast period. Europe is the second largest consumer of Ethanol in the present times. In terms of product consumption, Brazil dominates the South American market. It was among the first nations to experiment with ethanol's combination with gasoline. Currently, North America the largest producer of Ethanol with USA and Canada as the leading nations.

The Ethanol market is segmented into sectors based on the end usage such as Fuel and its additives, Food & Beverages, Chemicals, Cosmetics & Personal Care Products, and Others. However, Fuel and Fuel Additive industry is the biggest end-user market of Ethanol, holding a share of approximately 42% of the market share. Since ethanol has a greater octane rating than gasoline, it offers superior blending qualities. Adding ethanol to gasoline results in enhancement of thermal efficiency, betterment of fuel economy, and aids in starting vehicle in low temperatures. There is a heavy usage of Ethanol in Chemical industry due to its excellent solvability properties.

Significant companies for Global Ethanol are POET Biorefining, Archer Daniels Midland, Valero Energy, Green Plains LLC, Sao Martinho, SDIC Bio Co., Ltd., Flint Hills Resources LP, Atvos, COFCO Biochemical, The Andersons, Inc., Marquis Energy LLC, and Others.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2032

The objective of the Study:

To assess the demand-supply scenario of Ethanol, which covers the production, demand, and supply of Ethanol around the globe.

To analyze and forecast the market size of Ethanol.

To classify and forecast the Global Ethanol market based on end-use and regional distribution.

To examine global competitive developments such as new capacity expansions, mergers & acquisitions, etc., of the Ethanol market.

To extract data for the Global Ethanol market, primary research surveys were conducted with Ethanol 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 the Global Ethanol market over the coming years.

ChemAnalyst calculated Ethanol demand around the globe by analyzing the historical data and demand forecast, which was carried out considering the production of raw material to produce Ethanol. ChemAnalyst sourced these values from industry experts and company representatives and externally validated them by analyzing the 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:

Ethanol manufacturers and other stakeholders

Organizations, forums, and alliances related to Ethanol 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 Ethanol 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, Global Ethanol market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market by End-use: Fuel and its additives, Food & Beverages, Chemicals, Cosmetics & Personal Care Products, and Others.

Market by Sales Channel: Direct Sale and Indirect Sale

Market by Grade: Industrial, Food and Pharmaceutical Grade

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 real-time basis for Ethanol.

2. CAPACITY BY LOCATION

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

3. PRODUCTION BY COMPANY

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

4. DEMAND BY END- USE

Discover which end-user industry (Fuel and its additives, Food & Beverages, Chemicals, Cosmetics & Personal Care Products, and Others) are creating a market and the forecast for the growth of the Ethanol market.

5. DEMAND BY REGION

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

6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Ethanol. 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 Ethanol.

8. COMPANY SHARE

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

9. 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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