

India Ethylene Oxide Market Analysis: Plant Capacity, Production, Operating Efficiency, Technology, Demand & Supply, End Use, Sales Channel, Region, Competition, Trade, Customer & Price Intelligence Market Analysis, 2015-2030

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Report description:

India Ethylene Oxide market demand stood at 1.36 Million Tonnes in FY2021 and is forecast to reach 2.2 Million Tonnes by FY2030, growing at a healthy CAGR of 5.51% until FY2030. The persistent hike in demand for the product is due to the enormous production of MEG for polyester fabrics and PET. Increasing consumption of DEG in the plasticizers industry is also contributing to the rising demand for the product. The sudden outbreak of Covid-19 in the fourth quarter of FY 20 is anticipated to have a positive impact on the demand for Ethylene Oxide as it is utilized in an abundant amount in many products of specialty chemicals, which is being regarded as the most leveraging sector in times of the pandemic due to its vast influence in the hygiene and healthcare industry.

The total production of Ethylene Oxide in India is shared majorly by three leading manufacturers. The domestic manufacturers of Ethylene Oxide are fulfilling the majority of the demands, leading to a negligible import and export market. On the other hand, the Indian Oil Corporation has proposed to set up a new MEG plant, owing to its increasing consumption in the textile industry for the production of PTA. This is anticipated to further fuel the demand for Ethylene Oxide in the country since it is consumed in an appreciable amount during the production of MEG.

Ethylene Oxide is a versatile compound consisting of a significant number of derivatives. The compounds derived from Ethylene Oxide find applications in various end-user industries including agrochemicals, textiles, pharmaceuticals, etc. Production of Ethylene Oxide is carried out in two steps, where Ethylene is first subjected to direct oxidation over silver catalyst yielding aqueous Ethylene Oxide, which is further purified for industrial use. Thus, the production and availability of Ethylene in India is yet another factor, which is directly responsible for the demand and supply of Ethylene Oxide in the country. Moreover, the demand for Ethylene Oxide is further fuelled by its high use in the sterilization of medical equipment and surging demand from agricultural industries as a pesticide.

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Years Considered for this Report:
Historical Years: FY2015- FY2020
Base Year: FY2021
Estimated Year: FY2022
Forecast Period: FY2023 - FY2030

This report will be delivered on an online digital platform with a one-year subscription and quarterly update.

Objective of the Study:

- The primary objective of the study was to evaluate and forecast Ethylene Oxide capacity, production, demand, inventory, and demand-supply gap in India.
- To categorize Ethylene Oxide demand based on end-use, region, and sales channel.
- To study trade dynamics and company share in India Ethylene Oxide market.
- To identify major customers of Ethylene Oxide in India.
- To identify and profile major companies operating in the India Ethylene Oxide market.
- To identify major news, deals, and expansion plans in the India Ethylene Oxide market.

Major players operating the India Ethylene Oxide market include Reliance Industries Limited, Indian Oil Corporation Limited, India Glycols Limited, etc.

Indian Oil Corporation is planning to set up a new plant of MEG which is a derivative of Ethylene Oxide, by FY 2022. With this, demand for Ethylene Oxide is projected to record a marked growth in the successive years.

To extract data for the India Ethylene Oxide market, primary research surveys were conducted with Ethylene Oxide manufacturers, suppliers, distributors, wholesalers, and end-users. 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 end-user segments and projected a positive outlook for the India Ethylene Oxide market over the coming years.

ChemAnalyst calculated Ethylene Oxide demand in India by analyzing the historical data and demand forecast was carried out considering its end users. ChemAnalyst sourced these values from industry experts and company representatives and externally validated them 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:

- Ethylene Oxide manufacturers, suppliers, distributors, and other stakeholders
- Organizations, forums, and alliances related to Ethylene Oxide distribution
- Government bodies such as regulating authorities and policymakers
- Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for industry stakeholders, such as Ethylene Oxide manufacturers, distributors, and policymakers. The report also provides useful insights about which market segments should be targeted over the coming years to strategize investments and capitalize on growth opportunities.

Report Scope:

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

Market, by End Use- Pharmaceuticals, Food and Beverages, Automotive, Construction, Personal Care, Detergents and Others.

Market, by Sales Channel- Direct/Institutional Sales, Retail Sales, Other Channel Sales

Market, by Region- North, South, East, and West

Available Customizations:

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

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