

India Ethylene Dichloride Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Foreign Trade, FY2015-FY2030

Online Database | 2023-05-01 | 0 pages | ChemAnalyst

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Report description:

India Ethylene Dichloride market is anticipated to grow at a steady CAGR of 3.58% by FY2030. Increasing the use of Ethylene Dichloride in the manufacturing of Vinyl Chloride monomer, Ethylene Amines and Vinylidene Chloride is anticipated to fuel the demand for Ethylene Dichloride in India.

Ethylene dichloride (EDC) also called as 1,2- Dichloroethane. 1,2- Dichloroethane (EDC) is an odourless liquid that resembles chloroform. This chlorinated hydrocarbon called dichloroethane is typically used to create vinyl chloride monomer, the main precursor to polyvinyl chloride (PVC). Iron (III) chloride is used as a catalyst to catalyze the reaction between ethane and chlorine for the industrial synthesis of ethylene dichloride. By producing vinyl chloride monomer using ethylene dichloride, hydrogen chloride is also created as a byproduct. It serves a variety of extraction and cleaning functions in closed systems solvents used for organic synthesis. As a lead scavenger, it is also added to gasoline that contains lead. Moreover, it serves as a wetting and penetrating agent, a dispersion agent in rubber and plastics.

The increasing demand for Ethylene Dichloride to produce VCM which is further integrated to produce Polyvinyl chloride. PVC derived pipes, wire & cables, profiles and tubes, films and sheets is expected to drive India Ethylene Dichloride market during the forecast years. Additionally, the surging demand for PVC pipes is backed up by its extensive usage in the agriculture sector for water supply, drainage, and irrigation, due to its enhanced properties such as corrosion resistance and easy mouldability. The use of PVC derived products is also gaining popularity in automotive, packaging and agriculture industries, which further contributes to the Ethylene Dichloride market. Also, it is anticipated that over the course of the projection period, a rise in the use of pipes and fittings would further fuel market expansion.

Based on region, India Ethylene Dichloride Market is segregated into North, South, East, and West. In the historic period of FY2015-FY2023, West India has been dominating the market. In FY2022, West India consumed approximately 37% of the market.

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Owing to the large number of PVC production units available in western region, is likely to stay prominent in the forthcoming years.

Based on end-use, India Ethylene Dichloride Market is divided into Vinyl Chloride Monomer (VCM) Production, Ethylene Amines, and Others. As of FY2023, Vinyl Chloride Monomer (VCM) Production is dominating the EPS market with a share of 95%. Polyvinyl chloride (PVC), a highly stable, non-flammable, lightweight, and resilient plastic, is largely produced using the VCM monomer.

Major players operating in India Ethylene Dichloride market include Reliance Industries, Chemplast Sanmar Limited and DCM Shriram Consolidated Ltd. While some major global players are Formosa Plastics, Westlake Chemical, INOVYN, Shintech, OxyVinyls, Olin Corporation, VYNOVA, OxyMar, LG Chem, Dow, Shin-Etsu, SABIC (Saudi Basic Industries Corporation), and Others.

Years considered for this report:

Historical Period: FY2015-FY2023

Base Year: FY2023

Estimated Year: FY2024

Forecast Period: FY2025- FY2030

Objective of the Study:

- To assess the demand-supply scenario of Ethylene Dichloride which covers production, demand and supply of Ethylene Dichloride market in India.
- To analyse and forecast the market size of Ethylene Dichloride in India.
- To classify and forecast India Ethylene Dichloride 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 Ethylene Dichloride market in India.

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

ChemAnalyst calculated Ethylene Dichloride 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 Ethylene Dichloride 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 Dichloride manufacturers and other stakeholders
- Organizations, forums and alliances related to Ethylene Dichloride 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 Ethylene Dichloride manufacturers, customers and policy makers. The study would also help them to target the growing segments over the

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coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

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

- Market, by End-use: Vinyl Chloride Monomer (VCM) Production, Ethylene Amines, and Others
- Market, by Sales Channel: Direct Sale and Indirect Sale
- Market, by Region: Northern India, Southern India, Eastern India, Western India

Available Customizations:

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

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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 Ethylene Dichloride.

2.□Capacity By Location

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

3.□Plant Operating Efficiency

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

4.□Production By Company

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

5.□Demand by End- Use

Discover which end-user industry [Vinyl Chloride Monomer (VCM) Production, Ethylene Amines, and Others] are creating a market and the forecast for the growth of the Ethylene Dichloride market.

6.□Demand by Region

Analyzing the change in demand of Ethylene Dichloride in different regions across India, i.e., Northern India, Southern India, Eastern India, Western India, that can direct you in mapping the regional demand.

7.□Demand by Sales Channel (Direct and Indirect)

Multiple channels are used to sell Ethylene Dichloride. 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 Ethylene Dichloride.

9.□Company Share

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

10.□Country-wise Export

Get details about quantity of Ethylene Dichloride exported by major countries.

11.□Country-wise Import

Get details about quantity of Ethylene Dichloride imported by major countries.

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