

Ethylene Dichloride market is expected to reach 50.5 million tons by 2022

Ethylene Dichloride Market Information- by Production process (Catalyst Law, Direct Synthesis, Chlorination), by Application and by Region - Forecast till 2022

PUNE, MAHARASHTRA, INDIA, April 12, 2017 /EINPresswire.com/ -- Market Highlights:

Ethylene dichloride (EDC) commonly known as 1,2-dichlorethane which is colorless, flammable and have smell similar to chloroform. Ethylene dichloride is extensively used for production of vinyl chloride monomer (VCM) which acts as precursor for manufacturing of polyvinyl chloride (PVC). EDC acts as intermediate and chemical solvents for many organic chemical compounds. Ethylene dichloride is made by the direct chlorination or oxychlorination of ethylene. Ethylene and Chlorine are two main ingredients in manufacturing of ethylene dichloride.



Ethylene is highly consumed in construction industry owing to its use as reagent in building blocks. Thus, growing demand of ethylene dichloride in construction industry is expected to drive the [ethylene dichloride market](#). the growing use of PVC in pipes, roof tiles, windows, fencing and others is expected to augment the overall market growth. EDC is widely used as solvent for metal cleaning, adhesives and textile industry. It is also used to manufacture wide variety of chlorinated solvent such as vinylidene chloride, ethylene amines, trichloroethane and trichloroethylene. Moreover, growth of application industries with developing resins grade is expected to drive the overall market growth.

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Key Players: Bayer AG (Germany), Dupont (U.S), INEOS Group Ltd (Switzerland), LG Chem Ltd (South Korea), The Dow Chemical Co. (U.S), Solvay S.A. (Belgium), Occidental Chemical Corporation (U.S), ”

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However, owing to high flammability and toxicity of Ethylene Dichloride has caused concern regarding health issues. By inhaling ethylene dichloride causes nausea, respiratory ailments and affects kidney, liver and central

nervous systems. Also, dependence on crude oil and fluctuation in crude oil prices can further hinder the market growth. Development of bio-ethylene similar to ethylene reduces greenhouse gases and dependence on fossil fuels. Thus, major players are shifting their production to bio-

ethylene which further opens opportunity for domain players in market.

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Global Ethylene Dichloride Market Players:

- Bayer AG (Germany),
- Dupont (U.S),
- INEOS Group Ltd (Switzerland),
- LG Chem Ltd (South Korea),
- The Dow Chemical Co. (U.S),
- Solvay S.A. (Belgium),
- Occidental Chemical Corporation (U.S),
- Formosa Plastics Corporation (Taiwan),
- China Petroleum & Chemical Corporation (China),
- Reliance Industries (India)

Competitive Analysis

The Dow Chemical Company (U.S), Formosa Plastics Corporation (Taiwan) and Occidental Chemical Corporation (U.S) and DuPont (U.S) has dominated the global Ethylene Dichloride market share in 2015.

Application industry Analysis:

Major application segment of Ethylene Dichloride is polyvinyl chloride owing to its diverse applications such as automotive, personal care and electronic industry. Growing automobile, construction and agriculture industry, contributes to large application of PVC which further enables the growth of ethylene dichloride market. Other application is construction industry owing to large scale application as reagent in building blocks. Increase in consumer spending along with changing lifestyle is further expected to boost the construction industry.

Go through the market data and market information presented through more than 50 market data tables and figures in 140 pages of the project report. Read the table of content (TOC) & market synopsis on "[Ethylene Dichloride Market Research Report - Forecast to 2022](#)"

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Segmentation:

The global ethylene dichloride market is majorly segmented on the basis of production process and application. Based on production process of ethylene dichloride the market is segmented into Catalyst Law, Direct Synthesis, and Chlorination. Similarly, on the basis of application the market is classified into Chemical Intermediate, Vinyl Chloride Monomer (VCM), Polyvinyl Chloride (PVC), Construction, Metal Cleaning, Chemical Solvents, and Agricultural Chemicals.

Regional analysis:

The Asia-Pacific contributes largest market share in Ethylene Dichloride market. China consumes largest market share of more than 48% owing to growing demand from application industries such as construction, PVC and agriculture chemicals. The report estimates the size of the Ethylene Dichloride market, both in terms of volume and value. China expected significant growth in Asia Pacific market owing to high quality product supply of PVC. Other regions like India, Indonesia and Brazil are expected to drive the demand owing to relaxed regulations by government in setting up industries and producing large amounts of products to meet growing

population demand. Rapid industrializations rise in per capita income and changing lifestyle of consumers has also contributed to high demand of ethylene dichloride in application industries. The Chinese economy maintains a high-speed growth which has been stimulated by the consecutive increases of industrial output, import & export, consumer consumption and capital investment for over two decades.

Europe and North America are expected to witness a sluggish growth owing to stringent regulation for using high flammability toxic gas in various industries. Development of bio-based products in the region is expected to have a favorable impact on growth over the forecast period. Belgium, France and Germany are also top ethylene dichloride producing regions in European market.

According to regional regulations supporting the production of Ethylene Dichloride as well as vertical development of industries through acquisition and expansion across application industries has opened opportunities for domain manufacturers. Companies focusing on research & development in order to develop innovative techniques of production of ethylene dichloride and switch to bio-ethylene based products have opened opportunities for major players in various regions.

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Brief TOC

- 1 Executive Summary
- 2 Scope of the Report
 - 2.1 Market Definition
 - 2.2 Scope of the Study
 - 2.2.1 Research Objectives
 - 2.2.2 Assumptions & Limitations
 - 2.3 Markets Structure
- 3 Market Research Methodology
 - 3.1 Research Process
 - 3.2 Secondary Research
 - 3.3 Primary Research
 - 3.4 Forecast Model
- 4 Market Landscape
- Continued...

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