

Ethyl Chloride Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F Segmented By Product (Ethylene Chloride, Ethylene Dichloride), By Application (Pesticides, Dyes, Foam Plastics, Pharmaceuticals, Others), By Region and Competition

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Abstracts

Global Ethyl Chloride Market is expected to maintain an impressive CAGR in the forecast period on account of the widespread use of pesticides. The increasing global population has created a need for larger agricultural produce and, at the same time, safeguarding the produce from pests, insects, and other external factors. This, in turn, has increased the consumption of pesticides. Ethyl chloride is widely used in pesticides. The growing demand for pesticides will increase the demand for ethyl chloride, thereby supporting market growth.

Ethyl chloride, which is commonly known as Chloroethane, is a chemical compound that is a flammable gas at normal temperature & pressure conditions. It has a slightly pungent odor and is an irritating gas.

Earlier, the main application of ethyl chloride was to produce Tetra Ethyl Lead (TEL), which is an anti-knock additive for gasoline. However, as people are getting more concerned about harmful air pollutants in the environment, TEL has been or is being gradually phased out, resulting in a demand decline for ethyl chloride across various countries. Like any other chlorinated hydrocarbons, ethyl chloride is mostly used as a refrigerant, an aerosol spray propellant, a blowing agent, etc., for a wide range of applications. Foam plastics comprise ethyl chloride, which acts as a major raw material. Trends in sales volumes over the past few years for plastic foam packaging have been

favorable and are likely to bolster the foam plastic packaging market, which would drive the demand for ethyl chloride, thereby providing a boost to Global Ethyl Chloride Market.

Increasing Capacity utilization for Dyes, Chemicals, and Pesticides

Global Ethyl Chloride Market was dominated by Dyes in 2022 and is likely to dominate the market in terms of the application over the forecast period. Ethyl chloride provides pragmatic ways to deliver solutions for a broad range of field applications like pest control, color enhancement in dyes, and elevation in chemical properties for a multitude of specialty chemicals. Hence the growth of Global Ethyl Chloride market is expected to surge significantly due to an increase in demand for dyes, chemicals, and pesticides across the globe in the foreseeable future.

Growing usage of Foam Plastics in a Wide Range of Applications

Chloroethane or ethyl chloride is increasingly used as a blowing agent during the manufacturing of foam plastics. Rising applications and growing usages of foam plastics in the making of thermal and acoustic insulation materials, cushioning materials, and plastic panels are driving the growth of Global Ethyl Chloride Market. A spike in demand for insulating materials is also projected to drive the demand for foam plastics resulting in boosting the demand for ethyl chloride in the future.

Recent Trends & Development

Expansion of product portfolio to attain customer acquisition is necessary for the companies to stay ahead of the competitors. The trend has been observed in the ethyl chloride industry, where the customization of products to cater to specific applications is occurring at a rapid pace to enhance product diversification and profitability. For instance, one of the widespread utilization of ethyl chloride is treating them with cellulose to produce ethylcellulose, which is used to provide an extra solid layer to the paint to avoid any wear off. The decline in demand for a few products that require ethyl chloride as a starting material is also analyzed. For example, the usage of Tetraethyl Lead which is known to improve fuel engine efficiency, is gradually getting phased out in developed countries. Therefore, along with newer product development and customization strategies, companies are also taking steps to get rid of products whose market acceptance is getting diminished.

Market Segmentation

Global Ethyl Chloride Market is segmented based on product, application, company, and regional distribution. Based on the product, the market is bifurcated into ethylene chloride and ethylene dichloride. Based on the application, the market is divided into pesticides, dyes, foam plastics, pharmaceuticals, and others. The market analysis also studies the regional segmentation divided among North American region, European region, Asia-Pacific region, South American region, and Middle East & African region.

Company Profiles

The Linde Group, MESA International Technologies, Inc., The Dow Chemical Company, BASF SE, Seidler Chemical Company, Tokyo Chemical Industry (TCI) Company Limited, Puyer (Nantong) Biopharma Co., Ltd., Saudi Basic Industries Corporation (SABIC), Westlake Chemical Corporation and Occidental Petroleum Corporation (OXY) are some of the key players operating in Global Ethyl Chloride Market.

Report Scope:

In this report, Global Ethyl Chloride Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Ethyl Chloride Market, By Product:

Ethylene chloride

Ethylene dichloride

Ethyl Chloride Market, By Application:

Pesticides

Dyes

Foam Plastics

Pharmaceuticals

Others

Ethyl Chloride Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Italy

Spain

Asia-Pacific

China

India

South Korea

Japan

Australia

South America

Brazil

Argentina

Colombia

Middle East and Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Ethyl Chloride Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL ETHYL CHLORIDE MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value & Volume
- 5.2. Market Share & Forecast
 - 5.2.1. By Product (Ethylene chloride, Ethylene dichloride)
 - 5.2.2. By Application (Pesticides, Dyes, Foam Plastics, Pharmaceuticals, Others)
 - 5.2.3. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)

- 5.2.4. By Company (2022)
- 5.3. Market Map
 - 5.3.1. By Product
 - 5.3.2. By Application
 - 5.3.3. By Region

6. NORTH AMERICA ETHYL CHLORIDE MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value & Volume
- 6.2. Market Share & Forecast
 - 6.2.1. By Product
 - 6.2.2. By Application
 - 6.2.3. By Country
- 6.3. Pricing Analysis
- 6.4. North America: Country Analysis
 - 6.4.1. United States Ethyl Chloride Market Outlook
 - 6.4.1.1. Market Size & Forecast
 - 6.4.1.1.1. By Value & Volume
 - 6.4.1.2. Market Share & Forecast
 - 6.4.1.2.1. By Product
 - 6.4.1.2.2. By Application
 - 6.4.2. Mexico Ethyl Chloride Market Outlook
 - 6.4.2.1. Market Size & Forecast
 - 6.4.2.1.1. By Value & Volume
 - 6.4.2.2. Market Share & Forecast
 - 6.4.2.2.1. By Product
 - 6.4.2.2.2. By Application
 - 6.4.3. Canada Ethyl Chloride Market Outlook
 - 6.4.3.1. Market Size & Forecast
 - 6.4.3.1.1. By Value & Volume
 - 6.4.3.2. Market Share & Forecast
 - 6.4.3.2.1. By Product
 - 6.4.3.2.2. By Application

7. EUROPE ETHYL CHLORIDE MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value & Volume

7.2. Market Share & Forecast

7.2.1. By Product

7.2.2. By Application

7.2.3. By Country

7.3. Pricing Analysis

7.4. Europe: Country Analysis

7.4.1. France Ethyl Chloride Market Outlook

7.4.1.1. Market Size & Forecast

7.4.1.1.1. By Value & Volume

7.4.1.2. Market Share & Forecast

7.4.1.2.1. By Product

7.4.1.2.2. By Application

7.4.2. Germany Ethyl Chloride Market Outlook

7.4.2.1. Market Size & Forecast

7.4.2.1.1. By Value & Volume

7.4.2.2. Market Share & Forecast

7.4.2.2.1. By Product

7.4.2.2.2. By Application

7.4.3. United Kingdom Ethyl Chloride Market Outlook

7.4.3.1. Market Size & Forecast

7.4.3.1.1. By Value & Volume

7.4.3.2. Market Share & Forecast

7.4.3.2.1. By Product

7.4.3.2.2. By Application

7.4.4. Italy Ethyl Chloride Market Outlook

7.4.4.1. Market Size & Forecast

7.4.4.1.1. By Value & Volume

7.4.4.2. Market Share & Forecast

7.4.4.2.1. By Product

7.4.4.2.2. By Application

7.4.5. Spain Ethyl Chloride Market Outlook

7.4.5.1. Market Size & Forecast

7.4.5.1.1. By Value & Volume

7.4.5.2. Market Share & Forecast

7.4.5.2.1. By Product

7.4.5.2.2. By Application

8. ASIA-PACIFIC ETHYL CHLORIDE MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
 - 8.2.1. By Product
 - 8.2.2. By Application
 - 8.2.3. By Country
- 8.3. Pricing Analysis
- 8.4. Asia-Pacific: Country Analysis
 - 8.4.1. China Ethyl Chloride Market Outlook
 - 8.4.1.1. Market Size & Forecast
 - 8.4.1.1.1. By Value & Volume
 - 8.4.1.2. Market Share & Forecast
 - 8.4.1.2.1. By Product
 - 8.4.1.2.2. By Application
 - 8.4.2. India Ethyl Chloride Market Outlook
 - 8.4.2.1. Market Size & Forecast
 - 8.4.2.1.1. By Value & Volume
 - 8.4.2.2. Market Share & Forecast
 - 8.4.2.2.1. By Product
 - 8.4.2.2.2. By Application
 - 8.4.3. South Korea Ethyl Chloride Market Outlook
 - 8.4.3.1. Market Size & Forecast
 - 8.4.3.1.1. By Value & Volume
 - 8.4.3.2. Market Share & Forecast
 - 8.4.3.2.1. By Product
 - 8.4.3.2.2. By Application
 - 8.4.4. Japan Ethyl Chloride Market Outlook
 - 8.4.4.1. Market Size & Forecast
 - 8.4.4.1.1. By Value & Volume
 - 8.4.4.2. Market Share & Forecast
 - 8.4.4.2.1. By Product
 - 8.4.4.2.2. By Application
 - 8.4.5. Australia Ethyl Chloride Market Outlook
 - 8.4.5.1. Market Size & Forecast
 - 8.4.5.1.1. By Value & Volume
 - 8.4.5.2. Market Share & Forecast
 - 8.4.5.2.1. By Product
 - 8.4.5.2.2. By Application

9. SOUTH AMERICA ETHYL CHLORIDE MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
 - 9.2.1. By Product
 - 9.2.2. By Application
 - 9.2.3. By Country
- 9.3. Pricing Analysis
- 9.4. South America: Country Analysis
 - 9.4.1. Brazil Ethyl Chloride Market Outlook
 - 9.4.1.1. Market Size & Forecast
 - 9.4.1.1.1. By Value & Volume
 - 9.4.1.2. Market Share & Forecast
 - 9.4.1.2.1. By Product
 - 9.4.1.2.2. By Application
 - 9.4.2. Argentina Ethyl Chloride Market Outlook
 - 9.4.2.1. Market Size & Forecast
 - 9.4.2.1.1. By Value & Volume
 - 9.4.2.2. Market Share & Forecast
 - 9.4.2.2.1. By Product
 - 9.4.2.2.2. By Application
 - 9.4.3. Colombia Ethyl Chloride Market Outlook
 - 9.4.3.1. Market Size & Forecast
 - 9.4.3.1.1. By Value & Volume
 - 9.4.3.2. Market Share & Forecast
 - 9.4.3.2.1. By Product
 - 9.4.3.2.2. By Application

10. MIDDLE EAST AND AFRICA ETHYL CHLORIDE MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
 - 10.2.1. By Product
 - 10.2.2. By Application
 - 10.2.3. By Country
- 10.3. Pricing Analysis
- 10.4. MEA: Country Analysis

10.4.1. South Africa Ethyl Chloride Market Outlook

10.4.1.1. Market Size & Forecast

10.4.1.1.1. By Value & Volume

10.4.1.2. Market Share & Forecast

10.4.1.2.1. By Product

10.4.1.2.2. By Application

10.4.2. Saudi Arabia Ethyl Chloride Market Outlook

10.4.2.1. Market Size & Forecast

10.4.2.1.1. By Value & Volume

10.4.2.2. Market Share & Forecast

10.4.2.2.1. By Product

10.4.2.2.2. By Application

10.4.3. UAE Ethyl Chloride Market Outlook

10.4.3.1. Market Size & Forecast

10.4.3.1.1. By Value & Volume

10.4.3.2. Market Share & Forecast

10.4.3.2.1. By Product

10.4.3.2.2. By Application

11. MARKET DYNAMICS

11.1. Drivers

11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Product Launches

12.2. Merger's & Acquisitions

12.3. Technological Advancements

13. GLOBAL ETHYL CHLORIDE MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

14.1. Competition in the Industry

14.2. Potential of New Entrants

14.3. Power of Suppliers

14.4. Power of Customers

14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

15.1. Business Overview

15.2. Product Offerings

15.3. Recent Developments

15.4. Financials (As Reported)

15.5. Key Personnel

15.6. SWOT Analysis

15.6.1. The Linde Group

15.6.2. MESA International Technologies, Inc.

15.6.3. The Dow Chemical Company

15.6.4. BASF SE

15.6.5. Seidler Chemical Company

15.6.6. Tokyo Chemical Industry (TCI) Company Limited

15.6.7. Puyer (Nantong) Biopharma Co., Ltd.

15.6.8. Saudi Basic Industries Corporation (SABIC)

15.6.9. Westlake Chemical Corporation

15.6.10. Occidental Petroleum Corporation (OXY)

16. STRATEGIC RECOMMENDATIONS

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