

# Global Ethylene Oxide Market - Forecasts from 2018 to 2023

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## Abstracts

The global ethylene oxide market is expected to grow at a CAGR of 4.90% to reach a total market size of US\$58.279 billion in 2023, increasing from US\$43.738 billion in 2017. Ethylene Oxide (EO) is a colorless chemical and is flammable at room temperature. It is widely used in the polymer, packaging and antifreeze industries. However, it is very dangerous for direct household purposes. EO is mainly used for the production of ethylene glycol and also for the production of surfactants for washing and cleaning purposes. EO is used as a raw material for the production of ethanolamines, ethers and polyurethanes. Pure ethylene oxide is widely used as a disinfectant in hospitals and medical equipment industry to replace steam in the sterilization process. Also, it is used in the fumigation for agricultural purposes. China from the Asia-Pacific region is the leading supplier of EO globally. Growing demand for PET bottles is the major market driver whereas volatility of raw material prices is the major restraint of the global ethylene oxide market.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical region. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies

and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the ethylene oxide value chain. Last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global ethylene oxide market.

Major industry players profiled as part of the report are Sinopec Corp., Shell Global, LyondellBasell Industries, BASF and The Dow Chemical Company.

## **SEGMENTATION**

The global ethylene oxide market has been analyzed through following segments:

### By Application

Bottles

Coolants

Detergents

Others

### By Industry Vertical

Automotive Industry

Textile Industry

Plastics Industry

Others

## By Geography

Americas

United States

Canada

Brazil

Others

Europe Middle East and Africa

United Kingdom

Germany

France

Netherlands

Others

Asia Pacific

China

Japan

India

Australia

Others

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