

Asia Pacific Ethylene Oxide Market Size study, by Application (Glycol Ethers, Acrylonitrile, Ethoxylates, Ethanolamines, Healthcare Sterilant, and Others), by End-Use (Chemical Processing, Healthcare, Food and Beverages, Automotive and Others) and Country Forecasts 2022-2032

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Abstracts

Asia Pacific Ethylene Oxide Market is valued at approximately USD 16.99 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.34% over the forecast period 2024-2032. Ethylene oxide (EtO), also known as oxirane, is a colorless, flammable gas with a sweet odor. It is primarily used to produce ethylene glycol, essential for antifreeze and polyester. Due to its ability to penetrate materials without causing damage, EtO is a crucial sterilizing agent for medical equipment and a fumigant for spices. Widely utilized across various industries, it is key in the production of solvents, detergents, adhesives, textiles, and medicines. Additionally, ethylene oxide is used in hospitals to sterilize surgical equipment and in fumigating spices and cosmetics. The growing investments in chemical manufacturing is a key trend that is supporting to the growth of the Asia Pacific Ethylene Oxide Market. Significant investments in chemical manufacturing facilities, particularly in China and India, are enhancing the production capacities of ethylene oxide. These investments are prompting the demand for various ethylene oxide derivatives used across diverse industries.

The ethylene oxide market is primarily fueled by the quick industrialization and economic expansion of nations like China, India, and Southeast Asia. The need for ethylene oxide is supported by the growing industrial sector, especially in the industries of chemicals, textiles, and healthcare. Also, the region's growing middle class and population are driving demand for a variety of goods, including textiles, automotive

parts, packaging materials, and pharmaceuticals, which depend heavily on ethylene oxide. Additionally, the availability of raw materials, competitive manufacturing costs, and supportive government policies promoting industrial expansion are contributing significantly to Asia Pacific Ethylene Oxide Market expansion. Asia Pacific's strategic position as a global manufacturing center attracts investments from multinational corporations, fostering technological innovations and infrastructure. However, it is projected that price volatility, fluctuating raw material costs, and stringent environmental requirements influencing industrial processes that hinder market expansion from 2024 to 2032.

The key Countries considered for the Asia Pacific Ethylene Oxide Market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue. China is a one of the leading country in the manufacture of PET resin and polyester fiber, both of which significantly depend on ethylene oxide as a raw ingredient. Also, the robust domestic demand is one of the main factors propelling the market. China continues to be a major hub for the production of automobiles, which is stipulating the demand for ethylene oxide-based coolants and antifreeze. Whereas, the market in India is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

India Glycols Limited

LOTTE Chemical Corporation

Nippon Shokubai Co., Ltd.

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Application

Glycol Ethers

Acrylonitrile

Ethoxylates

Ethanolamines

Healthcare Sterilent
Others

By End-Use
Chemical Processing
Healthcare
Food and Beverages
Automotive
Others

By Region:
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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