

## **Chlorine Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)**

Market Report | 2025-08-12 | 152 pages | EMR Inc.

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### **Report description:**

The global chlorine market size reached around USD 38.23 Billion in 2024. The market is projected to grow at a CAGR of 4.50% between 2025 and 2034 to reach nearly USD 59.37 Billion by 2034.

The rising demand from agrochemical and pharmaceutical industries has contributed to the global chlorine market growth. The rising demand from end use segments like ethylene dichloride (EDC) and polyvinyl chloride (PVC) is further fuelling the market.

The Asia Pacific is leading the global chlorine market, with the majority of the consumption coming from countries, such as China and India, attributed to the surging demand of PVC in several industries including packaging and construction and automotive, and the growing demand for wastewater treatment in the region.

### **Market Segmentation**

Chlorine is a reactive chemical element, which, when added to water, acts as a powerful disinfectant that kills most of the bacteria, viruses, and parasites. It is an essential raw material used in many industries, like in the production of polyvinyl chloride.

The major end-uses of chlorine are:

- EDC/PVC
- C1/C2, Aromatics
- Chemicals - Inorganic
- Chemicals - Organic
- Chlorinated Intermediaries
- Isocyanates

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- Propylene Oxide
- Pulp and Paper
- Water Treatment
- Others

The EMR report covers the regional chlorine markets like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Market Analysis

Chlorine is an essential industrial chemical used in various end-user industries. Sodium chloride, also known as common salt, is the most common compound of chlorine. The growing urbanisation and the ever-increasing need for fresh water have contributed to the demand for the product in both developing and developed nations. The growing demand for PVC in construction, automotive, and composite manufacturing applications is expected to surge the demand for chlorine. Adding to this, the rising demand from the packaging industry is boosting the chlorine market further.

However, the industry growth might be hindered in the coming years due to the high production cost as chlorine production is regarded as a highly energy-intensive process, which adds to the product cost. Ecological issues and strict regulations from organisations like IARC, WHO, FDA, and others are expected to affect the industry negatively. Price fluctuation owing to irregular supply-demand, especially in the Asia Pacific, is another challenge to the industry.

#### Competitive Landscape

The report presents a detailed analysis of the following key players in the global chlorine market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- OLIN Corporation
- Occidental Petroleum Corporation (OXY)
- Ineos AG
- Hanwha Chemical Corporation
- Others

The comprehensive report incorporates the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the industry by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

More Insights On:

Chlorine Trifluoride Market

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