

Chlor-Alkali Market to Grow at 8.4% CAGR from 2025-2029

The Business Research Company's Chlor-Alkali Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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Chlor-Alkali Global Market Report 2025

What Is The [Chlor-Alkali Market](#) Size And Growth?

The size of the chlor-alkali market has seen robust growth recently. The value will enhance from \$85.7 billion in 2024 to \$90.78 billion in 2025, representing a compound annual growth rate (CAGR) of 5.9%. The surge in growth during the historic period is due to factors like expansion in chemical manufacturing, heightened demand for water treatment, growth in the pulp and paper sector, escalated pharmaceutical production, and boosted demand in food processing.

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The size of the chlor-alkali market is anticipated to showcase significant growth in the near future, with predictions stating a rise to \$125.13 billion by 2029 at an

8.4% Compounded Annual Growth Rate (CAGR). The surge in the forecasted period can be credited to an increase in sustainable chemistry methods, advancing clean energy production, worldwide industrial expansion, eco-friendly chemical production, and a rise in water quality management. Trending advancements projected within this period are cutting-edge electrolysis methodologies, solutions for water treatment, specialty chemical applications, electrolyzer breakthroughs, and innovation in the chemical industry.

Download a free sample of the chlor-alkali market report:

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What Are The Current Leading Growth Drivers For Chlor-Alkali Market?

The global expansion of the chemical industry is poised to boost the chlor-alkali market's advancement. The chemical industry, which produces industrial chemicals and is a prime supplier of key constituents and raw materials for numerous sectors, such as textiles, paint, paper, soap and detergent, pharmaceuticals, and agriculture, relies on chlor-alkali for chemical generation through industrial processes. This industrial growth is anticipated to heighten the utilization of chlor-alkali in creating elements like chlorine, hydrogen, and sodium hydroxide. For example, as per the statistics released by the Bureau of Labor Statistics, a US federal agency, in August 2024, the employment rate of chemical engineers is projected to witness a 10% rise from the period of 2023 to 2033, with around 1,400 job opportunities expected to come up each year within this decade on average. Consequently, the global development of the chemical industry is fostering the growth of the chlor-alkali market.

Which Companies Are Currently Leading In The Chlor-Alkali Market?

Major players in the Chlor-Alkali include:

- AGC Inc.
- Tosoh Corporation
- Solvay SA
- The Dow Chemical Company
- Tata Chemicals Ltd.
- Olin Corporation
- Westlake Chemical Corporation
- Xinjiang Zhongtai Chemical Co. Ltd.
- Occidental Petroleum Corporation
- Hanwha Group

What Are The Main Trends, Positively Impacting The Growth Of Chlor-Alkali Market?

Companies in the chlor-alkali market are increasingly turning to strategic partnerships and collaborations as a way to capitalize on their collective strengths. Many of these companies are seeing the benefits of such alliances as they look to enhance their market position. For example, in January 2023, Japan's Mitsui & Co., Ltd. entered into a strategic partnership with US-based Olin Corporation. This partnership, also known as the Blue Water Alliance JV (BWA), combines Olin's massive North American production and international terminal network with Mitsui's proficiency in logistics, including solid supplier and customer relations. The result is a more secure, reliable and globally accessible supply of chlor-alkali products such as ethylene dichloride (EDC) and caustic soda. Additionally, the alliance is contributing to sustainability by sourcing chlor-alkali products using renewable energy, supporting the decarbonization ambition of the industry.

How Is The [Chlor-Alkali Market Segmented](#)?

The chlor-alkali market covered in this report is segmented –

- 1) By Product: Chlorine-based Chlor Alkali, Caustic Soda-based Chlor Alkali, Soda Ash-based Chlor-Alkali, Other Products
- 2) By Production Process: Membrane Cell, Diaphragm Cell, Other Production Processes

3) By Application: Pulp And Paper, Organic Chemical, Inorganic Chemical, Soap And Detergent, Alumina, Textile, Other Applications

Subsegments:

1) By Chlorine-based Chlor Alkali: Chlorine Gas, Liquid Chlorine

2) By Caustic Soda-based Chlor Alkali: Solid Caustic Soda (Sodium Hydroxide), Liquid Caustic Soda

3) By Soda Ash-based Chlor-Alkali: Dense Soda Ash, Light Soda Ash

4) By Other Products: Hydrogen Gas, Calcium Chloride, Sodium Hypochlorite

View the full chlor-alkali market report:

<https://www.thebusinessresearchcompany.com/report/chlor-alkali-global-market-report>

Which Is The Dominating Region For The Chlor-Alkali Market?

Asia-Pacific was the largest region in the chlor-alkali market in 2024. North America was the second-largest region in the chlor-alkali market share. The regions covered in the chlor-alkali market report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East and Africa.

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