

Global Hypochlorous Acid Market Size Study by Product (Sodium Hypochlorite, Calcium Hypochlorite), by Application (Sanitizing Agent, Disinfecting Agent), and Regional Forecasts 2022-2032

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Abstracts

The Global Hypochlorous Acid Market is valued at approximately USD 5.65 billion in 2023 and is projected to grow significantly, reaching USD 9.23 billion by 2032 at a compound annual growth rate (CAGR) of 5.60% during the forecast period.

Hypochlorous acid, a powerful oxidizing agent, has garnered immense attention due to its exceptional antimicrobial properties and eco-friendly nature. Widely used as a sanitizing and disinfecting agent across multiple industries, its applications range from water treatment and healthcare to food processing and agriculture. The rising emphasis on public health and hygiene, coupled with stringent regulatory frameworks to ensure safe sanitization practices, has been a pivotal driver for the growth of the hypochlorous acid market.

The market's evolution is significantly driven by the increasing demand for effective and non-toxic disinfectants in healthcare and residential sectors. Hypochlorous acid's role as a safer alternative to traditional cleaning agents has gained traction, particularly in combating pathogenic outbreaks. Additionally, its application as a sanitizing agent in the food industry to maintain freshness and prevent contamination has further solidified its demand. However, challenges such as storage instability and the corrosive nature of certain formulations may impede market growth. Nevertheless, advancements in production technologies and innovations in stabilization techniques are anticipated to alleviate these challenges, expanding the market's potential.

Regionally, North America dominates the global hypochlorous acid market, driven by robust demand in healthcare, water treatment, and food processing industries. The

presence of stringent sanitation regulations and an established infrastructure further bolster the region's market position. Europe follows closely, fueled by its focus on sustainable and environmentally friendly disinfectant solutions. Meanwhile, the Asia-Pacific region is expected to exhibit the fastest growth, underpinned by rapid industrialization, urbanization, and increasing awareness of hygiene in emerging economies like China, India, and Southeast Asia. Latin America and the Middle East & Africa are also poised for growth, supported by expanding infrastructure and agricultural activities.

The competitive landscape of the hypochlorous acid market is marked by strategic initiatives such as product innovation, mergers, and partnerships among leading players. Companies are focusing on sustainable production processes to align with global environmental goals while catering to the escalating demand for effective sanitization solutions. Furthermore, the integration of advanced technologies to improve product stability and efficacy is reshaping the market dynamics, paving the way for extensive applications across industries.

Major market players included in this report are:

BASF SE

The Chemours Company

Olin Corporation

Arkema

AkzoNobel N.V.

Lonza Group AG

Solvay S.A.

Inovyn Chlorvinyls Limited

Occidental Petroleum Corporation

Westlake Chemical Corporation

Hawkins, Inc.

Aditya Birla Chemicals

Nouryon

Kuehne Company

IXOM

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

By Product:

Sodium Hypochlorite

Calcium Hypochlorite

By Application:

Sanitizing Agent

Disinfecting Agent

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia-Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 regional 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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