

# Water Treatment Chemicals Market to Hit USD 80.62 Billion by 2030 owing to Emphasis on Safety Standards

*"Purifying the Future: Insights into Trends and Technologies Shaping the Global Water Treatment Chemicals Market for Clean and Sustainable Solutions."*

TEXES, AUSTIN, UNITED STATES, March 27, 2024 /EINPresswire.com/ -- As per the report by SNS Insider, The [Industrial Wastewater Treatment Chemicals Market](#) Size was valued at USD 13.79 billion in 2022, and is expected to reach USD 20.85 billion by 2030, and grow at a CAGR of 5.3% over the forecast period 2023-2030.

The water treatment chemicals market is witnessing a profound transformation driven by escalating concerns regarding water scarcity, deteriorating water quality, and stringent environmental regulations. As industries and municipalities grapple with the imperative to treat water for various purposes, the demand for effective water treatment chemicals has surged exponentially. These chemicals play a critical role in purifying water, removing contaminants, and ensuring compliance with regulatory standards before it is discharged back into the environment or used for industrial processes. With rapid industrialization and urbanization exacerbating pollution levels, particularly in emerging economies, the need for advanced water treatment solutions has become more pressing than ever.

Furthermore, the water treatment chemicals market is witnessing a paradigm shift towards eco-friendly and bio-based alternatives, driven by growing environmental consciousness and regulatory pressures to reduce chemical footprint. Biodegradable polymers, enzyme-based formulations, and natural coagulants are gaining traction as sustainable alternatives to conventional chemical additives, offering superior performance without compromising environmental integrity. This trend reflects a broader industry-wide commitment to sustainability and corporate responsibility, prompting stakeholders to adopt greener practices throughout the water treatment value chain. As the world grapples with the multifaceted challenges of water management, the water treatment chemicals market is poised for continued

## WATER TREATMENT CHEMICALS MARKET SIZE AND SHARE 2023-2030

**USD 43.24 BN  
IN 2022**



**CAGR OF 8.1%**

**USD 80.62 BN  
BY 2030**



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Industrial Wastewater Treatment Chemicals Market

expansion, propelled by innovation, regulatory drivers, and the imperative to ensure access to clean water for future generations.

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Some of the Key Players Included are:

- Corix Water System (Canada)
- Veolia Water Technologies (France)
- Calgon Carbon Corporation (U.S.)
- Napier Reid Ltd. (Canada)
- Aquatech International Corporation (U.S.)
- WPL Limited (U.K.)
- Kemira Oyj (Finland)
- Fluence Corporation Limited (U.S.)
- GE Water & Process Technologies (U.S.)

## Market Report Scope & Overview

The scope of the water treatment chemicals market extends beyond mere purification; it includes corrosion and scale inhibition, pH adjustment, coagulation, flocculation, and microbial control, among other crucial functions. As environmental concerns intensify and regulations become more stringent, the demand for innovative water treatment chemicals and technologies continues to grow, driving research and development efforts towards sustainable and efficient solutions.

In recent years, the water treatment chemicals market has witnessed significant advancements driven by technological innovations and heightened awareness of water-related challenges. The expanding global population, industrialization, and urbanization have placed unprecedented pressure on water resources, necessitating comprehensive water management strategies. Consequently, the market for water treatment chemicals has experienced steady growth, with a focus on enhancing treatment efficiency, reducing energy consumption, and minimizing environmental impact.

## Escalating Demand for Clean Water Drives Significant Growth in Water Treatment Chemicals Market

The water treatment chemicals market is poised for significant growth, driven by several key factors. One of the primary growth drivers is the escalating demand for clean water across various industries such as municipal, industrial, and residential sectors. With increasing concerns over water pollution and stringent regulations regarding water quality standards, there's a pressing need for effective water treatment solutions. This demand surge is propelling the

adoption of water treatment chemicals, including coagulants, flocculants, biocides, and disinfectants, to purify water from contaminants and pathogens. Moreover, rapid urbanization, industrialization, and population growth are further amplifying the need for efficient water treatment processes, thereby fueling market expansion.

However, the water treatment chemicals market faces certain restraints that may hinder its growth trajectory. One significant challenge is the environmental impact associated with the use of certain chemicals in water treatment processes. Chemicals such as chlorine and fluorine derivatives can potentially pose risks to aquatic ecosystems and human health if not managed properly. Additionally, the high cost associated with advanced water treatment technologies and chemicals may act as a barrier to market growth, particularly in developing regions with limited financial resources. Despite these challenges, there are ample opportunities for market players to innovate and develop eco-friendly and cost-effective water treatment solutions.

## Water Treatment Chemicals Market Segmentation

### By Type

- Corrosion inhibitors
- Scale inhibitors
- Coagulants & flocculants
- Biocides & disinfectants
- Chelating agents
- Anti-foaming agents
- pH adjusters and stabilizers
- Others

### By End-use industry

- Power Generation
- Oil & Gas
- Mining
- Chemical
- Food & Beverage
- Others

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### Impact of Recession

The ongoing recession has had a profound impact on the water treatment chemicals market,

both positively and negatively. On one hand, the economic downturn has led to reduced industrial activity and lower demand for water treatment chemicals across various sectors such as manufacturing, mining, and power generation. This decline in demand has put pressure on suppliers to adjust their pricing strategies and explore cost-saving measures to maintain profitability. However, on the flip side, the recession has also highlighted the importance of water conservation and efficient water management practices. As companies strive to streamline their operations and cut costs, there has been an increased focus on investing in water treatment solutions to optimize water usage, minimize wastage, and comply with stringent environmental regulations.

### Impact of Russia-Ukraine War

The Russia-Ukraine war has introduced significant volatility and uncertainty in the global geopolitical landscape, which in turn has impacted the water treatment chemicals market. The conflict has disrupted supply chains, particularly for key raw materials and chemicals sourced from the region, leading to supply shortages and price fluctuations in the market. Additionally, heightened geopolitical tensions have raised concerns about the stability of global trade routes and logistics networks, further exacerbating supply chain disruptions and increasing operational costs for water treatment chemical manufacturers and suppliers. Moreover, the escalation of the war has dampened investor sentiment and confidence, leading to reduced capital expenditures and project delays in industries reliant on water treatment chemicals, such as energy, chemicals, and manufacturing.

### Regional Analysis

Regional analysis of the water treatment chemicals market reveals distinct trends and dynamics across different geographical areas. North America dominates the market due to stringent regulatory standards, increasing environmental concerns, and a mature industrial base. The Asia Pacific region is witnessing significant growth driven by rapid industrialization, urbanization, and rising awareness about water quality and pollution control measures. Europe follows closely, characterized by strict environmental regulations and a growing emphasis on sustainable development practices. In contrast, Latin America and the Middle East & Africa region exhibit moderate growth prospects, influenced by factors such as economic stability, infrastructure development, and access to water resources.

### Conclusion

The SNS Insider report on the water treatment chemicals market comprehensively covers key industry trends, market drivers, challenges, and opportunities shaping the growth trajectory of the market. It provides detailed insights into market segmentation, including product types, applications, and end-user industries, along with an analysis of competitive dynamics and strategic initiatives undertaken by leading players.

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