

Europe Water and Wastewater Treatment Chemicals Market By Chemical Type (Coagulant & Flocculant, Biocide & Disinfectant, Corrosion & Scale Inhibitor, pH Adjuster, Others), By End User (Oil & Gas, Pharmaceutical, Chemicals, FMCG, Others), By Region, Competition, Forecast and Opportunities, 2018-2028F

<https://marketpublishers.com/r/E64E2B5E6C51EN.html>

Date: November 2023

Pages: 140

Price: US\$ 4,400.00 (Single User License)

ID: E64E2B5E6C51EN

Abstracts

Europe Water and Wastewater Treatment Chemicals Market has valued at USD1.36 billion in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 3.41% through 2028. The growth of the Europe Water and Wastewater Treatment Chemicals market is being driven by the rising demand for clean water in various industrial processes. Industries require clean water for their operations, and treating wastewater before releasing it back into the environment is crucial for maintaining ecological balance.

The COVID-19 pandemic has had a significant impact on the water treatment chemicals market in Europe. Initially, the market experienced a slowdown due to disrupted supply chains and reduced industrial activity caused by the pandemic. However, the pandemic also increased awareness about the importance of clean water and the need for proper water treatment. As a result, the market is expected to rebound and witness long-term growth.

Looking ahead, the future of the Europe Water and Wastewater Treatment Chemicals market appears promising, with ample opportunities in both the municipal and industrial sectors. The increasing population and urbanization in Europe, along with stringent environmental regulations regarding the discharge and treatment of industrial waste, are

key drivers for this market. Additionally, the growing use of water treatment chemicals in industrial cooling water systems further contributes to the market's growth potential.

In conclusion, the European water and wastewater treatment chemicals market is poised for substantial growth in the coming years. The rising concerns about the environment and the growing need for clean water are expected to drive significant demand for water treatment chemicals. This presents a lucrative opportunity for businesses operating in this market to expand their operations and cater to the increasing demand.

Key Market Drivers

Growing Demand of Water and Wastewater Treatment Chemicals in Pharmaceutical Industry

Water plays a critical and multifaceted role in the pharmaceutical industry. It is not only used in various processes such as medication production, equipment cleaning, and equipment cooling, but also in formulation development, quality control, and laboratory analysis. The reliable and consistent supply of high-quality water is of utmost importance to ensure the efficacy, safety, and compliance of pharmaceutical products.

The pharmaceutical industry generates a substantial amount of wastewater, which can contain not only harmful chemicals but also bioactive substances such as active pharmaceutical ingredients (APIs) and metabolites. These compounds, if discharged untreated into the environment, can have adverse effects on aquatic ecosystems and potentially pose risks to public health. Consequently, there is a pressing need for robust and efficient water and wastewater treatment solutions that can effectively remove or neutralize these contaminants, ensuring the responsible and sustainable management of pharmaceutical wastewater.

The growing demand for water and wastewater treatment in the pharmaceutical industry has sparked an increasing need for specialized treatment chemicals. These chemicals, carefully formulated and tailored for pharmaceutical applications, play a crucial role in removing a wide range of contaminants, mitigating corrosion in water distribution systems, and preventing the proliferation of harmful microorganisms. As the pharmaceutical sector continues to expand in Europe, driven by advancements in research, development, and manufacturing, the demand for these treatment chemicals is expected to rise steadily, fostering innovation and technological

advancements in the field.

In conclusion, the rising demand for water and wastewater treatment chemicals in the pharmaceutical industry serves as a significant driver of the European market. This trend is fueled by a growing awareness of environmental sustainability, stringent regulatory requirements, and the persistent pursuit of safe and effective pharmaceutical products. As the industry evolves, stakeholders are increasingly focusing on comprehensive water management strategies that prioritize resource efficiency, environmental protection, and public health, shaping the future of water treatment in the pharmaceutical sector.

Growing Demand of Water and Wastewater Treatment Chemicals in Chemical Industry

Water is an essential and irreplaceable component in various processes within the chemical industry. It plays a crucial role as a solvent, coolant, and is involved in the production of a wide range of chemical products. This extensive reliance on water makes the chemical industry one of the largest consumers of water on a global scale.

Additionally, the chemical industry generates a significant amount of wastewater, which often contains hazardous substances that require careful treatment before being discharged into the environment. The treatment of this wastewater is not only important from an environmental perspective but is also mandated by regulatory authorities. Consequently, there is an increasing demand for effective water and wastewater treatment solutions specifically tailored for the chemical industry.

The growing and wastewater treatment need for water and wastewater treatment in the chemical industry has consequently led to a surge in demand for treatment chemicals. These chemicals play a vital role in removing contaminants, reducing corrosion, and controlling microbial growth. As the chemical industry continues to expand in Europe, driven by factors such as technological advancements and the increased demand for chemical products, the need for these treatment chemicals is expected to rise even further.

As the European chemical industry experiences steady growth, manufacturers who can provide effective and sustainable water and wastewater treatment solutions are poised to benefit from this expanding market. By delivering innovative and eco-friendly treatment options, these manufacturers can meet the industry's growing demands and contribute to the overall sustainability of the chemical sector.

Key Market Challenges

Volatility in Cost of Treatment Chemicals

The cost of water and wastewater treatment chemicals has been subject to significant fluctuations over the years. Several factors have contributed to this volatility, including rising prices of raw materials, increasing operational costs, and disruptions in supply chains. These challenges have been further exacerbated by the ongoing COVID-19 pandemic, leading to even greater unpredictability in the cost of treatment chemicals.

The impact of cost volatility extends beyond just the profit margins of manufacturers. It also affects the affordability of treatment solutions for end-users, potentially hindering the widespread adoption of water and wastewater treatment methods and impeding overall market growth.

Europe, known for its well-established industrial sector, particularly in pharmaceutical and chemical industries, heavily relies on water treatment chemicals. The fluctuations in the cost of these chemicals can significantly impact operational costs and sustainability efforts in these industries.

Furthermore, Europe's stringent environmental regulations necessitate the treatment of wastewater before discharge, driving up the demand for treatment chemicals. The unpredictability in the cost of these chemicals poses budgeting challenges for municipalities and industries alike, further complicating the situation. This highlights the need for proactive strategies to mitigate the impact of cost volatility and ensure stable and sustainable water and wastewater treatment practices.

Key Market Trends

Growing Demand of Smart Water Management

Smart water management involves the strategic utilization of cutting-edge technology, comprehensive data analysis, and advanced analytics to optimize the efficiency of water and wastewater treatment processes. This innovative approach encompasses a wide array of sophisticated tools, including advanced water meters, sensor networks, powerful software systems, and top-notch services, all working in harmony to monitor, analyze, and optimize water usage.

By leveraging the power of real-time data and intelligent algorithms, smart water

management solutions enable the detection of leaks, identification of inefficiencies, and improvement of overall water infrastructure performance. These state-of-the-art systems not only enhance operational efficiency but also facilitate proactive maintenance, ensuring the longevity and reliability of water treatment facilities.

The rise in popularity of smart water management practices is significantly impacting the demand for water and wastewater treatment chemicals. With the integration of advanced monitoring and control capabilities, these innovative solutions enable the optimal utilization of treatment chemicals, reducing wastage and improving cost-efficiency.

Furthermore, as more industries and municipalities embrace smart water management solutions, the need for compatible treatment chemicals is expected to experience a substantial surge. This growing demand for compatible chemicals is poised to drive the overall growth of the water and wastewater treatment chemicals market, fostering innovation and propelling advancements in the field.

As Europe continues to prioritize sustainable practices and embraces the era of digitization, the demand for smart water management solutions is anticipated to rise further. This progressive trend not only signifies the continent's commitment to environmental stewardship but also presents immense opportunities for the expansion and development of the water and wastewater treatment chemicals market.

Segmental Insights

Chemical Type Insights

Based on the category of chemical type, the coagulant & flocculant segment emerged as the dominant player in the Europe market for Water and Wastewater Treatment Chemicals in 2022. Coagulants and flocculants are widely utilized across various sectors, encompassing municipal water treatment, industrial processes, and the treatment of wastewater. Their versatility and effectiveness make them indispensable in meeting the ever-growing need for efficient and reliable treatment solutions.

In Europe, stringent regulations govern water quality and wastewater discharge, necessitating the implementation of effective treatment methods. Coagulants and flocculants play a pivotal role in ensuring compliance with these rigorous standards, safeguarding the environment and public health.

These remarkable substances exhibit exceptional efficacy in purifying water and wastewater, effectively removing a diverse range of contaminants. Their proven track record in achieving optimal treatment outcomes further amplifies their demand and underscores their significance in addressing complex water management challenges.

End User Insights

The oil & gas segment is projected to experience rapid growth during the forecast period. Stringent regulations in Europe regarding the production and disposal of wastewater have necessitated the use of water and wastewater treatment chemicals in the oil and gas industry. These regulations aim to protect the environment and public health by ensuring that wastewater from oil and gas operations is properly treated before it is discharged or reused.

The oil and gas industry involves complex processes such as extraction, refining, and transportation, which often result in the production of large volumes of wastewater. This wastewater typically contains various contaminants including oils, greases, salts, and heavy metals that need to be removed before the water can be reused or discharged. The use of water and wastewater treatment chemicals is critical in effectively treating this wastewater.

Moreover, the oil and gas industry is increasingly focusing on water reuse and recycling to reduce its water footprint and comply with stringent environmental regulations. Water and wastewater treatment chemicals play a crucial role in enabling the reuse and recycling of water by effectively removing contaminants and improving the overall quality of water. By implementing these measures, the industry can mitigate its impact on freshwater resources and promote sustainable practices in line with environmental goals.

Regional Insights

Germany emerged as the dominant player in the Europe Water and Wastewater Treatment Chemicals Market in 2022, holding the largest market share in terms of value. Germany, known for its robust industrial sector, boasts one of the largest economies in Europe. This economic powerhouse encompasses various industries such as manufacturing, pharmaceuticals, and chemicals. These sectors, responsible for generating substantial amounts of wastewater, understand the importance of treating it before disposal. The demand for water and wastewater treatment chemicals in Germany is therefore significant, contributing to the nation's dominance in the market.

In addition to its thriving industries, Germany also upholds stringent environmental regulations to ensure water quality and proper wastewater discharge. These regulations create a compelling need for effective water and wastewater treatment processes, further driving the demand for treatment chemicals in the country. By prioritizing sustainable practices and compliance, Germany continues to lead the way

Key Market Players

1. Ecolab Europe GmbH
2. Kurita Europe GmbH
3. BASF SE
4. Kemira Oyj
5. SUEZ SA
6. Solenis Switzerland GmbH
7. Buckman Laboratories, N.V.
8. Lonza AG

Report Scope:

In this report, the Europe Water and Wastewater Treatment Chemicals Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Europe Water and Wastewater Treatment Chemicals Market, By Chemical Type:

Coagulant & Flocculant

Biocide & Disinfectant

Corrosion & Scale Inhibitor

pH Adjuster

Others

Europe Water and Wastewater Treatment Chemicals Market, By End User:

Oil & Gas

Pharmaceutical

Chemicals

FMCG

Others

Europe Water and Wastewater Treatment Chemicals Market, By Region:

Germany

United Kingdom

France

Russia

Spain

Italy

Rest of Europe

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Europe Water and Wastewater Treatment Chemicals Market.

Available Customizations:

Europe Water and Wastewater Treatment Chemicals Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMERS

5. EUROPE WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Chemical Type (Coagulant & Flocculant, Biocide & Disinfectant, Corrosion & Scale Inhibitor, pH Adjuster, Others)

5.2.2. By End User (Oil & Gas, Pharmaceutical, Chemicals, FMCG, Others)

5.2.3. By Country

5.2.4. By Company (2022)

5.3. Market Map

6. FRANCE WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Chemical Type

6.2.2. By End User

7. GERMANY WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Chemical Type

7.2.2. By End User

8. UNITED KINGDOM WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Chemical Type

8.2.2. By End User

9. ITALY WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Chemical Type

9.2.2. By End User

10. SPAIN WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Chemical Type

10.2.2. By End User

11. NETHERLANDS WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

11.1. Market Size & Forecast

11.1.1. By Value

11.2. Market Share & Forecast

11.2.1. By Chemical Type

11.2.2. By End User

12. POLAND WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

12.1. Market Size & Forecast

12.1.1. By Value

12.2. Market Share & Forecast

12.2.1. By Chemical Type

12.2.2. By End User

13. ROMANIA WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

13.1. Market Size & Forecast

13.1.1. By Value

13.2. Market Share & Forecast

13.2.1. By Chemical Type

13.2.2. By End User

14. BELGIUM WATER AND WASTEWATER TREATMENT CHEMICALS MARKET

OUTLOOK

14.1. Market Size & Forecast

14.1.1. By Value

14.2. Market Share & Forecast

14.2.1. By Chemical Type

14.2.2. By End User

15. CZECH REPUBLIC WATER AND WASTEWATER TREATMENT CHEMICALS MARKET OUTLOOK

15.1. Market Size & Forecast

15.1.1. By Value

15.2. Market Share & Forecast

15.2.1. By Chemical Type

15.2.2. By End User

16. MARKET DYNAMICS

16.1. Drivers

16.2. Challenges

17. MARKET TRENDS & DEVELOPMENTS

17.1. Recent Developments

17.2. Product Launches

17.3. Mergers & Acquisitions

18. EUROPE WATER AND WASTEWATER TREATMENT CHEMICALS MARKET: SWOT ANALYSIS

19. PORTER'S FIVE FORCES ANALYSIS

19.1. Competition in the Industry

19.2. Potential of New Entrants

19.3. Power of Suppliers

19.4. Power of Customers

19.5. Threat of Substitute Product

20. COMPETITIVE LANDSCAPE

- 20.1. Ecolab Europe GmbH
 - 20.1.1. Business Overview
 - 20.1.2. Company Snapshot
 - 20.1.3. Products & Services
 - 20.1.4. Current Capacity Analysis
 - 20.1.5. Financials (In case of listed)
 - 20.1.6. Recent Developments
 - 20.1.7. SWOT Analysis
- 20.2. Kurita Europe GmbH
- 20.3. BASF SE
- 20.4. Kemira Oyj
- 20.5. SUEZ SA
- 20.6. Solenis Switzerland GmbH
- 20.7. Buckman Laboratories, N.V.
- 20.8. Lonza AG

21. STRATEGIC RECOMMENDATIONS

22. ABOUT US & DISCLAIMER

I would like to order

Product name: Europe Water and Wastewater Treatment Chemicals Market By Chemical Type (Coagulant & Flocculant, Biocide & Disinfectant, Corrosion & Scale Inhibitor, pH Adjuster, Others), By End User (Oil & Gas, Pharmaceutical, Chemicals, FMCG, Others), By Region, Competition, Forecast and Opportunities, 2018-2028F

Product link: <https://marketpublishers.com/r/E64E2B5E6C51EN.html>

Price: US\$ 4,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E64E2B5E6C51EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970