

## **Europe Water Treatment Chemicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

The Europe Water Treatment Chemicals Market is expected to register a CAGR of greater than 4% during the forecast period.

The COVID-19 epidemic harmed the water treatment chemical sector. Global lockdowns and stringent rules enforced by governments resulted in a catastrophic setback as most production hubs were shut down. Nonetheless, the business is recovering from 2021 and is expected to rise significantly in the coming years.

#### **Key Highlights**

- One of the significant factors driving water treatment chemicals consumption is the stringent regulations to produce and dispose of wastewater properly. It is to preserve and protect the marine ecosystem from pollutants and other toxic species.
- On the flip side, the hazardous nature of hydrazine is a major restraining factor in the market studied.
- In the next few years, a shift in emphasis towards green chemicals is projected to provide significant growth potential for the industry under consideration.
- Power generation includes the largest market share among end-user industries and is likely to continue its position during the projection period.
- Germany presently holds the largest market share among European countries and will likely maintain its dominance during the projection period.

#### **Europe Water Treatment Chemicals Market Trends**

##### **Power Generation Industry to Dominate the Market**

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- The power generation industry controls most of the European water treatment chemicals market. One of the most significant sources of industrial wastewater is the electric power generation industry.
- Its wastewater contains high quantities of harmful metal contaminants like lead, mercury, arsenic, chromium, and cadmium. If not correctly managed, these pollutants can cause considerable environmental damage.
- Electricity is in high demand throughout Europe, particularly in Germany, France, and the United Kingdom. The power production industry's consumption of water treatment chemicals is projected to increase as the electricity demand continues to rise.
- The BP Statistical Review of World Energy 2022 also reported that among the European countries, primary energy consumption in 2021 was highest in Germany, at 12.64 exajoules (~3,511 TWh). It was followed by France (~2,613 TWh) and the United Kingdom (~2,000 TWh).
- The same statistics report also stated that the total electricity generation in Europe in 2021 was about 4032.5 TWh, a 4.2% increase compared to the previous year. The highest electricity generation was accounted from Germany (584.5 TWh), followed by France (547.2 TWh) and Turkey (333.3 TWh).
- Power generation in Russia surpassed demand growth, resulting in enormous exports, which more than doubled in the first ten months of 2021 compared to the same time in the previous year. Furthermore, in March 2022, Russia's electricity production increased to 107,515 GWh, up from 101,041 GWh the previous month.
- Hence, the power generation industry will likely dominate the market during the forecast period due to the abovementioned factors.

#### Germany to Dominate the Market

- Environmental and human health protection is vitally important in Germany. Its importance resulted in adequate water and wastewater treatment systems. Practically all wastewater in Germany is treated to satisfy the highest European Union standards.
- The food and beverage industry, chemical manufacturing, and power plants are all well-established sectors in Germany. It boosts the use of water treatment chemicals in various industrial phases, such as boiler water treatment, cooling water treatment, and so on.
- As of the end of March 2022, 3 nuclear power plants with a total gross capacity of 4.291 GWe were operational in the country. Also, 63 coal power plants were operational in Germany until July 2022.
- According to the Confederation of European Paper Industry, Germany accounted for approximately 6.2% of total pulp output in Europe. Aside from that, Germany also had the most extensive paper and board production in Europe in 2021 (25.5%), followed by Italy and Sweden.
- Water treatment is critical for mining applications. Water is vital in mining because it is used in mineral processing to extract valuable metals from ore. Nevertheless, using water this way causes mineral contaminants and other particles to accumulate in the treated water supply. Hence, water treatment chemicals are essential in ensuring a clean water supply.
- According to the statistics of Eurostat, the total revenue generated from the mining industry in the year 2021 was about USD 23.05 billion. Out of which, the revenue from coal mining was about USD 1.55 billion.
- Thus, owing to the abovementioned factors, Germany will likely dominate the Europe water treatment chemicals market during the forecast period.

#### Europe Water Treatment Chemicals Industry Overview

The European water treatment chemicals market is moderately consolidated, with major players accounting for most of the

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market. Some of the major players in the market include Ecolab, Solenis, Kemira, Veolia, and Kurita Water Industries Ltd., among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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