

North America Cooling Water Treatment Chemical Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (Corrosion Inhibitor, Scale Inhibitor, Biocide, and Others) and End-Use Industry (Power Industry; Steel, Mining & Metallurgy; Petrochemicals and Oil & Gas; Food & Beverage; Textile; and Others)

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Abstracts

The North America cooling water treatment chemical market is expected to grow from US\$ 2,978.97 million in 2022 to US\$ 4,140.37 million by 2028; it is estimated to grow at a CAGR of 5.6% from 2022 to 2028 .

Growing Emphasis on Water Recycling and Reuse

Quick urbanization, rising monetary improvement, and expanding industrial activities have resulted in a tremendous demand for water across the North America. It is crucial to maintain the hydrological cycle for ensuring a sustainable future. The four fundamental procedures used for water treatment are heater treatment, cooling treatment, and filtration. The consumption of freshwater is surging North America due to climate change and population growth, and increased land use and energy generation, which has resulted in water scarcity, in turn, requiring prompt considerations. Additionally, rising costs of industrial water are rerouting industries' focus on water recycling and reuse. The adoption of cooling water treatment is high among industries such as oil & gas, pulp & paper, electric power generation, and chemicals due to the high-water requirement. These industries incorporate various technologies to recycle and reuse water for industrial applications to save water. For instance, the power industry uses water softener systems to reduce water hardness for preventing scale

build-up, clogging, and expense. Such practices have accelerated the use of different cooling water treatment chemicals among these industries, thereby boosting the market growth.

North America Cooling Water Treatment Chemical Market Overview

The cooling water treatment market in North America is segmented into the US, Canada, and Mexico. Several domestic and international enterprises have a strong foothold in North American countries. The US is a major market for cooling water treatment chemicals, followed by Canada and Mexico, respectively. The major factors driving the cooling water treatment market in North America include the stringent regulatory requirements to control wastewater disposal from industrial sources and the growing demand for these chemicals from the power industry. Clean water is an essential component for electricity generation. The rapidly growing population and urbanization, coupled with changing lifestyles, have triggered the per capita power consumption. This has driven the proliferation of the power generation industries, in turn, propelling the demand for cooling water treatment chemicals in this industry, in efforts to reuse water.

North America Cooling Water Treatment Chemical Market Revenue and Forecast to 2028 (US\$ Million)

North America Cooling Water Treatment Chemical Market Segmentation

The North America cooling water treatment chemical market is segmented based on end use and country. Based on type, the North America cooling water treatment chemical market is segmented into corrosion inhibitor, scale inhibitor, biocide, and others. The scale inhibitor segment held the largest market share in 2022.

Based on end-use industry, the North America cooling water treatment chemical market is segmented into power industry, steel, mining & metallurgy, petrochemicals and oil & gas, food & beverage, textile, and others. The power industry segment held the largest market share in 2022.

Based on country, the North America cooling water treatment chemical market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022.

Albemarle Corporation; Buckman; Chemtex Speciality Limited; DuBois Chemicals;

Ecolab; Veolia Water Technologies SASU; Kemira Oyj; Kurita Water Industries Ltd.; and ChemTreat, Inc. are the leading companies operating in the North America cooling water treatment chemical market.

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