

North America Polyacrylamide Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Type (Anionic, Cationic, and Non-Ionic), Form (Powder and Liquid), and End User (Water and Wastewater Treatment, Pulp and Paper Manufacturing, Oil and Gas, Mining Industry, and Others)

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Report description:

The polyacrylamide market in North America is expected to grow from US\$ 1,247.26 million in 2022 to US\$ 1,712.47 million by 2028. It is estimated to grow at a CAGR of 5.4% from 2022 to 2028.

Growing Focus on Water and Wastewater Treatment Activities

Polyacrylamide is highly used in various water treatment applications. It includes the purification of industrial water, sewage treatment, drainage purification, and wastewater treatment. Due to polyacrylamide's ability to increase viscosity and promote flocculation of particles, it is ideal for water treatment. Polyacrylamide has good coagulation qualities, making it suitable for water purification. In sewage treatment, polyacrylamide can be used as sludge dewatering and helps to improve water quality. In industrial water treatment, polyacrylamide is used as an important formulation agent. The use of polyacrylamide and inorganic flocculant in the treatment of drinking water and industrial wastewater can significantly improve water quality. Water and wastewater treatment is becoming increasingly important in many countries across the region. Various North American countries are progressing toward wastewater treatment targets, protection of sensitive water systems, and the use of wastewater sludge. According to EPA, the wastewater treatment facilities in the US process ~34 billion gallons of wastewater every day. Thus, the increasing focus on water and wastewater treatment activities is creating a demand for polyacrylamide.

Market Overview

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The North America Polyacrylamide market is segmented into the US, Canada, and Mexico. The market is expanding as polyacrylamide is increasingly used in various applications such as water & wastewater treatment, industrial wastewater, pulp & paper manufacturing, oil & gas, and the mining industry. In North America region, demand for polyacrylamide is dominated by the water and wastewater treatment application, which estimates for over 50% of the overall demand in the region. Stringent regulatory actions against wastewater disposal and treatments, coupled with rising concerns regarding the environment in the region and others, are expected to drive water and wastewater treatment activities in the region, which is likely to impact the industry growth of polyacrylamide. Furthermore, the development and introduction of new polyacrylamide polymers for producing different products such as polyacrylamide gel and polyacrylamide powder is expected to create new avenues for the bio-science and pharmaceutical industry in the region.

North America Polyacrylamide Market Revenue and Forecast to 2028 (US\$ Million)

North America Polyacrylamide Market Segmentation

The North America polyacrylamide market is segmented into type, form, application and country.

Based on type, the market is segmented into anionic, cationic, and non-ionic. The cationic segment registered the largest market share in 2022. Based on form, the market is bifurcated into on powder and liquid. The powder segment held a larger market share in 2022. Based on application, the market is categorized into water and wastewater treatment, pulp and paper manufacturing, oil and gas, mining industry, and others. The water and wastewater treatment segment held the largest market share in 2022. Based on country, the market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022. SNF; Kemira Oyj; BASF SE; Mitsui Chemicals, Inc.; Ashland Global Holdings Inc.; Solenis; and Solvay S.A. are the leading companies operating in the polyacrylamide market in the region.

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