

Global Sodium Hypochlorite Market Outlook to 2027

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Abstracts

Sodium hypochlorite, often known as liquid bleach, is traditionally a household chemical, typically utilized as a bleaching agent or disinfectant worldwide. The compound quickly decomposes and is put in solution form liberating chlorine and broadly used as a disinfectant and bleaching agent. According to BlueQuark Research & Consulting, the global bio-lubricants market is expected to witness a considerable growth rate during the forecasted period. Factors such as the surging demand for the product from the water treatment chemical industry are positively affecting the market's growth. Further, the robust demand for NaOCl from household products manufacturers raises the demand for Sodium Hypochlorite in the forecasted period. Furthermore, the need for sodium hypochlorite in the medical industry for disinfecting surgical instruments and hospital rooms is anticipated to boost the sodium hypochlorite market. However, the market growth is awaited to be restrained by the environmentally unfriendly nature of sodium hypochlorite and the release of dangerous compounds during its use.

Sodium hypochlorite is a composition that can be practically used for water purification, and it is worn on a large scale for surface purification, bleaching, odor removal, and water disinfection. The product has application as a bleaching agent in the textile, medical, and paper & pulp industries.

The water treatment industry is being propelled by population growth, the need for water quality improvements, aging infrastructure, climate change altering the availability of water resources. The supply of freshwater is limited with steadily growing demand. Chlorine is an essential ingredient of disinfectants as it can kill pathogens such as bacteria and fungi. This product is used to purify and treat water & sewage, swimming pools, homes, hospitals, schools, drinking water, and surgical instruments. Sodium hypochlorite is used on a wide-ranging as a disinfectant and to remove foul smells in the water treatment industry. Nowadays, the municipal water treatment industry dominates the industrial water treatment industry. The water treatment industry is anticipated to

continue its dominance during the forecasted period due to the increasing population, leading to a higher need for safe drinking water. The rise in industrialization also leads to the discharge of industrial chemicals into the water. Further, many end-user industries such as chemicals recycle and reuse water. This further drives the demand for water treatment services, and in turn, sodium hypochlorite. Several countries are struggling to satisfy the need to provide adequate quantities of water of acceptable quality. There is a growth in the trend of water recycling that is anticipated to drive the consumption of sodium hypochlorite globally.

The global market for sodium hypochlorite is fragmented in nature. Major players in the market include Olin Chlor Alkali, Occidental Petroleum Corporation, Arkema Group, Ineos, among others.

The Asia Pacific region is a substantial market for global sodium hypochlorite due to the high consumption of the area's end-user industries. Emerging economies countries like Brazil, India, China, and South Africa provide significant opportunities for players of sodium hypochlorite due to the increasing surface disinfectants market. The rapidly increasing aging population and high patient volumes drive the rising need for improved healthcare services in these economies. In the current study, the water treatment industry was the primary end-user industry of sodium hypochlorite due to its economical nature and exceptional disinfectant properties. Bleach is mainly utilized in the household industry for detergents, surface cleaners, cleaning products, handwash, disinfectants, and color bleaches. The rising demand for these products is one of the major factors driving the market. The growing consciousness towards quality household products for maintaining good hygiene and cleanliness is another factor supporting growth. Therefore, sodium hypochlorite possesses versatile bleaching properties and is utilized as a bleaching agent in pulp, paper, and the textile industry. The growing demand for Sodium Hypochlorite works like a broad-spectrum disinfectant that is effective for the disinfection of bacteria, fungi, viruses, mycobacterium, and other microorganisms by various end-use industries are likely to boost the Sodium Hypochlorite market in the forecasted period. The Sodium Hypochlorite market is split into food and industrial grades depending on the type. The food-grade segment holds the most share in the market as Sodium Hypochlorite is extensively used as a biocide and pulp digestion chemical. The medical industry's surging demand for Sodium Hypochlorite for disinfecting surgical instruments and hospital rooms is poised to extend the Sodium Hypochlorite market during the forecasted period. Increasing awareness regarding the continuous and proper disinfection of office spaces, malls, public toilets, complexes, etc., is further propelling the need for Sodium Hypochlorite and is likely to improve the Sodium Hypochlorite market across the globe in the future.

In September 2020, ThyssenKrupp Industrial Solutions South Africa launched its sodium hypochlorite purify trailer unit to help spray disinfectant in COVID-19 hotspot zones. It is portable and custom-designed. According to the World Health Organization (WHO), the chemical effectively disinfects surfaces infected with the coronavirus. Hence, the company marked to make this cutting-edge trailer unit.

In October 2019, Bondalti restarted its Chlor-alkali production in Torrelavega, Spain. The plant will produce sodium hypochlorite, along with other products. This strategic initiative is expected to increase the company's market share analysis and open up new business opportunities.

Global Sodium Hypochlorite Marketreport provides deep insight into the current and future state of the Sodium Hypochlorite market size across various regions. The study comprehensively analyzes the sodium hypochlorite market by segmenting based on by Grade (Industrial, Food, and Others), By End-Use (Water Treatment, Pulp & Paper, Textile, Paints & Coatings, and Others) and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints along with the impact of Covid-19 on the market growth in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with profiles of major companies, including their market shares and projects.

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