

Middle East & Africa Water Treatment Chemicals Market By Type (Corrosion Inhibitors, Coagulants & Flocculants, Scale Inhibitors, Biocides & Disinfectants, Chelating agents, Others), By Application (Water Desalination, Raw Water Treatment, Boiler Water Treatment, Cooling Water Treatment, Others), By End Use (Residential, Commercial, Industrial), By Region, Competition, Forecast and Opportunities, 2018-2028F

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Abstracts

The Middle East & Africa Water Treatment Chemicals Market reached USD 3036.92 million in 2022 and is expected to continue growing steadily with a projected CAGR of 2.69% through 2028 and is anticipated to reach USD 3533.40 million by 2028. Water treatment is a critical process that plays a pivotal role in eliminating various impurities from water, rendering it suitable for both industrial and domestic purposes. This comprehensive treatment involves the application of specific chemicals and treatment methods to effectively remove suspended solids, viruses, fungi, algae, bacteria, and other harmful elements present in water. The significance of water and wastewater treatment chemicals extends across multiple industries, including municipal, oil and gas, power generation, petrochemicals, metals and mining, and more.

These chemicals are widely employed to ensure the purification and safe utilization of water resources. The Middle East and Africa Water Treatment Chemicals Market are experiencing significant growth, primarily driven by mounting concerns related to water contamination, improper treatment, and the discharge of industrial waste into water bodies, coupled with the increasing demand for potable water due to the region's rapidly

growing population.

Furthermore, major industry players actively contribute to the production of safe drinking water through desalination processes, which further fuels market growth. Governments in the Middle East and Africa region are also concentrating on establishing central wastewater treatment units to cater to the needs of small and medium-sized manufacturers. This initiative aims to address concerns about depleting water resources while ensuring sustainable water management practices.

Saudi Arabia, in particular, stands out with the largest desalination capacity and has ambitious plans to increase its production of Million Imperial Gallons a Day (MIGD) in the coming years. This strategic move is expected to significantly contribute to the overall growth of the water treatment chemicals market in the region. With a steadfast commitment to water purification and resource conservation, the Middle East and Africa region continue to drive the demand for advanced water treatment chemicals, fostering a sustainable and resilient water ecosystem for the future.

Key Market Drivers

Growing Prevalence of Water-Borne Diseases: The Middle East and Africa (MEA) region faces significant challenges related to water scarcity and the increasing prevalence of water-borne diseases. Limited access to clean drinking water and inadequate sanitation infrastructure exacerbate these issues. Climate change is also contributing to the incidence of waterborne diseases. To address these complex challenges, there is a growing demand for effective water treatment chemicals in the Middle East and Africa. These chemicals are vital in purifying, disinfecting, and treating water, ensuring its safety for consumption and other applications. Key players in the industry are actively developing innovative solutions to meet the increasing demand for effective water treatment chemicals.

Growing Demand from the Power Generation Sector: The power generation sector, particularly thermal power plants, heavily relies on water for cooling and steam generation processes. To ensure that power plants operate efficiently and mitigate potential negative impacts of water impurities, the use of water treatment chemicals is crucial. These chemicals are designed to treat and condition the water, making it suitable for various applications within power generation facilities. The Middle East and Africa region are experiencing a surge in power generation capacity due to its growing population and increasing industrialization. This has resulted in the development of new power plants as well as the retrofitting and expansion of existing facilities.

Consequently, the demand for water treatment chemicals in the region has seen a significant rise.

Growing Need for Environmentally Friendly Formulations: There has been a notable shift towards more sustainable practices across various industries. This shift is driven by regulatory requirements, evolving consumer preferences, and the growing importance of corporate social responsibility initiatives. Therefore, there is a significant increase in the demand for water treatment chemicals that are not only effective but also environmentally friendly, posing minimal risk to ecosystems and public health. This challenge requires the exploration and development of innovative and sustainable solutions that can effectively treat water while minimizing potential negative impacts on the environment.

Key Market Trends

Growing Demand for Water Quality in Tourism and Agriculture: The Middle East and Africa region's tourism industry relies on clean and safe water for various activities, including swimming pools, spas, and recreational facilities. Contaminated water sources can pose serious health risks to tourists, negatively impacting destinations' reputations. Water treatment chemicals are essential in the hospitality sector to ensure water used in hotels, resorts, and recreational facilities meets stringent quality standards. In addition to tourism, agriculture is a vital sector in the MEA region, relying on water for irrigation and livestock. Water treatment chemicals are increasingly used in agriculture to address challenges such as salinity, mineral content, and microbiological contamination.

Segmental Insights

Type Insights: Coagulants and flocculants are the dominant types of water treatment chemicals used in the Middle East & Africa. These chemicals play a vital role in expediting the sedimentation process in various industries, including the gas and oil sector. Additionally, disinfectants and biocides are essential in controlling microbial growth, reducing contamination, and mitigating biofouling in industrial processes, contributing to operational efficiency and safety.

Application Insights: Raw water treatment, which involves purifying raw water for human consumption and industrial use, is projected to experience rapid growth. The treatment of boiler feedwater, which is crucial in the petrochemical industry to prevent scaling, corrosion, and fouling, is expected to be a significant application within the raw water treatment segment.

Regional Insights: Saudi Arabia is the dominant player in the Middle East & Africa Water Treatment Chemicals Market. This growth is attributed to stringent government regulations focused on responsible wastewater management, promoting sustainable practices in wastewater treatment and environmental protection.

Key Market Players

Saudi Water Treatment Company

AES Arabia Limited

Al-Jazira Water Treatment Chemicals

AFI Group

Fouz Chemical Company

Arab Water Treatment Company

BASF FZE

Dow Chemical Company

Green Water Treatment Solutions LTD.

Al-Koshi Cleaning Chemicals

Report Scope:

In this report, the Middle East & Africa Water Treatment Chemicals Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Middle East & Africa Water Treatment Market, By Type:

Corrosion Inhibitors

Coagulants & Flocculants

Scale Inhibitors

Biocides & Disinfectants

Chelating agents

Others

Middle East & Africa Water Treatment Chemicals Market, By Application:

Water Desalination

Raw Water Treatment

Boiler Water Treatment

Cooling Water Treatment

Others

Middle East & Africa Water Treatment Chemicals Market, By End Use:

Residential

Commercial

Industrial

Middle East & Africa Water Treatment Chemicals Market, By Region:

Saudi Arabia

UAE

South Africa

Qatar

Rest of Middle East & Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Middle East & Africa Water Treatment Chemicals Market.

Available Customizations:

Middle East & Africa Water 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).

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