

# Antiscalants/Scale Inhibitors Market Growth Analysis by Type, Application, End User, Regional Forecast to 2032

*The global antiscalants/scale inhibitors market is projected to reach \$5.5 billion by 2032, growing at a CAGR of 4.7% from 2023 to 2032.*

WILMINGTON, DE, UNITED STATES, July 31, 2025 /EINPresswire.com/ -- The [antiscalants/scale inhibitors market](#) was valued at \$3.5 billion in 2022 and is estimated to reach \$5.5 billion by 2032, exhibiting a CAGR of 4.7% from 2023 to 2032.



## Antiscalants/Scale Inhibitors Industry

Allied Market Research published a report, titled, "Antiscalants/Scale Inhibitors Market By Type (Carboxylate, Sulfonates, Phosphonates, Fluorids, and Others), By Method (Threshold Inhibition, Crystal Modification, Dispersion, and Others), By End-Use Industry (Oil and Gas, Water and Wastewater Treatment, Power and Construction, Chemical Industry, Pulp and Paper, Mining, and Others): Global Opportunity Analysis And Industry Forecast, 2023-2032".

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Leading Market Players: -

Kemira Oyg

Clariant AG

General Electric

Dow Inc.

Ashland

Avista Technologies

Solvay

Solenis

Lenntech B.V.

The report provides a detailed analysis of these key players in the global antiscalants/scale inhibitors market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

Prime determinants of growth:

The global antiscalants/scale inhibitors market is driven by factors, such as an increase in demand for antiscalants in the water treatment industry and the oil & gas industry and a cost-effective solution for preventing scale formation. However, antiscalants may not be effective against all scales and deposits. Some antiscalants may be ineffective against certain types of organic deposits or in high-temperature applications. Furthermore, some antiscalants may have a negative impact on the environment, particularly if not handled or disposed of properly. This can cause water contamination and other environmental problems. All these factors impede market growth. Furthermore, the rising demand for antiscalants in the water treatment industry will create a lucrative opportunity for the antiscalants/scale inhibitors market.

Key findings of the study:

By type, sulfonate antiscalant segment is estimated to display the highest growth rate, in terms of revenue, registering a CAGR of 5.1% from 2023 to 2032.

By method, threshold inhibition accounted for major market share in 2022 and is estimated to display highest growth rate of 5.0% during the forecast period.

By end-use industry, water & wastewater treatment end-user is estimated to display highest growth rate during the forecast period.

The Asia-Pacific region is estimated to display the highest growth rate, in terms of revenue and accounted for a major share of around 40% in 2022.

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The phosphonates segment to maintain its lead position during the forecast period-

Based on type, the phosphonates segment accounted for the largest share in 2022, contributing to nearly one-third of the global market revenue, and is projected to maintain its lead position during the forecast period. The demand for phosphonates antiscalants is expected to grow further due to increasing industrialization and the growing need for sustainable water treatment solutions. Emerging economies such as China and India are witnessing a surge in demand for phosphonates antiscalants due to rapid industrialization and urbanization. The growth of these economies is expected to drive the demand for phosphonates antiscalants during the forecast period. However, the sulfonates segment would portray the fastest CAGR of 5.1% from 2023 to 2032. The increase in global demand for clean water is driving the demand for antiscalants, including sulfonate antiscalants. This is particularly in regions with water scarcity and where desalination plants are becoming more common. In addition to that, the oil and gas industry is a major user of sulfonate antiscalants, to prevent scale formation in drilling equipment and pipelines. As oil and gas exploration expands, there is an increase in demand for sulfonate antiscalants.

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The threshold inhibition segment to rule the roost by 2032-

Based on the method, the threshold inhibition segment accounted for the largest share in 2022, contributing to around two-fifths of the global antiscalants/scale inhibitors market revenue, and is projected to rule the roost by 2032. However the same segment would also showcase the fastest CAGR of 5.0% during the forecast period. This is due to threshold inhibition being commonly used in industrial applications such as cooling towers, boilers, and desalination plants, where it is important to prevent scaling while minimizing the amount of antiscalant used. Threshold inhibition is an effective and cost-effective method for preventing scaling by carefully controlling the concentration of antiscalant added to the system. All these factors increase the demand for threshold inhibition antiscalants.

Oil and gas segment to maintain its dominance by 2032-

Based on the end-use industry, the oil and gas segment accounted for the largest share in 2022, garnering more than one-fifth of the global antiscalants/scale inhibitors industry revenue, and to maintain its dominance by 2032. Owing to the use of antiscalants can help prevent scaling and reduce the need for harsh chemicals and other treatments that can harm the environment. due to this factor, it offers new growth opportunities for antiscalants in the oil and gas industry. On

the other hand, the water and wastewater treatment segment would exhibit the fastest CAGR of 5.3% during the forecast period. Antiscalants are used in the water and wastewater treatment industry to prevent scaling and fouling in membrane systems, cooling towers, boilers, and other equipment. The use of water in industrial processes is increasing, particularly in sectors such as oil and gas, mining, and power generation. This drives the demand for antiscalants to protect equipment from scaling and other mineral deposits.

Want to Access the Statistical Data and Graphs, Key Players' Strategies:

<https://www.alliedmarketresearch.com/antiscalants-scale-inhibitors-market/purchase-options>

Asia-Pacific to maintain its dominance by 2032-

Based on region, Asia-Pacific held the major share in 2022, garnering around two-fifths of the global antiscalants/scale inhibitors market, and is projected to register the fastest CAGR of 5.1% during the forecast period. This is due to the factor, the rise in the population in Asia-Pacific increases the demand for water treatment solutions to ensure clean and safe drinking water. Antiscalants are commonly used in water treatment processes to prevent the buildup of scale and other deposits in pipes and equipment, and this is increasing demand for these products in the region.

For More Details: <https://www.globenewswire.com/news-release/2023/05/26/2677194/0/en/Antiscalants-Scale-Inhibitors-Market-Size-Worth-5-5-Billion-by-2031-CAGR-4-7-AMR.html>

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