

# **South & Central America Metal Scavenging Agents Market Forecast to 2030 - Regional Analysis - by Type (Alumina-Based, Carbon-Based, Silica-Based, Resin-Based, and Others) and End-Use Industry (Water Treatment, Food & Beverages, Pharmaceutical, Oil & Gas, Chemicals, Paper & Pulp, and Others)**

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## **Abstracts**

The South & Central America metal scavenging agents market was valued at US\$ 799.59 million in 2022 and is expected to reach US\$ 1,152.70 million by 2030; it is estimated to register a CAGR of 4.7% from 2022 to 2030.

### **Increasing Investments in Water Treatment Plants Fuel South & Central America Metal Scavenging Agents Market**

There are growing investments in water treatment infrastructure, especially in developing economies grappling with water scarcity and pollution issues. These investments are driven by the urgent need to address the challenges of inadequate access to clean and safe drinking water and the escalating concerns over water pollution caused by industrial, agricultural, and urban activities. Metal scavenging agents play a pivotal role in this scenario by offering effective solutions for removing heavy metals from wastewater streams, thereby maintaining the safety and quality of drinking water supplies.

In many developing economies, industrialization and urbanization have resulted in heightened levels of heavy metal contamination in water sources due to industrial effluents, mining activities, improper waste disposal, and agricultural runoff. The contamination poses significant health risks to communities reliant on these water

sources for drinking, cooking, and sanitation purposes. Governments, private sector entities, and international organizations are increasing their investments in water treatment infrastructure to address the challenges of water contamination.

Metal scavenging agents, including chelating agents, ion exchange resins, and adsorbents, are integral components of water treatment systems designed to eliminate heavy metals from contaminated water. These agents effectively bind to metal ions, allowing for their removal through filtration, precipitation, or adsorption processes. By incorporating metal scavenging agents into water treatment processes, contaminants such as lead, mercury, arsenic, and cadmium can be efficiently removed, ensuring that treated water meets regulatory standards and is safe for human consumption.

Governments and water utilities prioritize investments in infrastructure upgrades and modernization projects. Thus, there is a heightened demand for innovative water treatment solutions, including metal scavenging agents, to improve water quality and ensure public health. The demand for metal scavenging agents in developing economies is amplified by the rising recognition of the importance of sustainable water management practices and the adoption of advanced technologies to address water-related challenges. Therefore, growing investments in water treatment infrastructure, especially in developing economies grappling with water scarcity and pollution issues, are expected to present substantial opportunities for the South & Central America metal scavenging agents market during the forecast period.

### South & Central America Metal Scavenging Agents Market Overview

According to the International Trade Administration, Brazil ranks among the top six markets globally for drugs & pharmaceuticals. The pharmaceutical market in Brazil has observed significant growth, owing to increasing demand from consumers and the presence of many international and domestic pharmaceutical manufacturers. Further, according to the International Trade Administration and the US Department of Commerce, Brazil is the largest oil producer in South & Central America. It is the eighth-largest oil producer and eighth-largest oil consumer across the world and has the largest recoverable ultra-deep oil reserves globally. Brazil's oil production is predominantly offshore (96.7%), with the national oil company Petrobras accounting for 73% of Brazil's oil and gas production. The growing chemical, pharmaceutical, and oil & gas industries fuel the metal scavenging agents market growth in Brazil.

### South & Central America Metal Scavenging Agents Market Revenue and Forecast to 2030 (US\$ Million)

## South & Central America Metal Scavenging Agents Market Segmentation

The South & Central America metal scavenging agents market is categorized into type, end-use industry, and country.

By type, the South & Central America metal scavenging agents market is segmented into alumina-based, carbon-based, silica-based, resin-based, and others. The others segment held the largest share of the South & Central America metal scavenging agents market share in 2022.

In terms of end-use industry, the South & Central America metal scavenging agents market is segmented into water treatment, food & beverages, pharmaceutical, oil & gas, chemicals, paper & pulp, and others. The paper & pulp segment held the largest share of the South & Central America metal scavenging agents market share in 2022.

Based on country, the South & Central America metal scavenging agents market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil segment held the largest share of South & Central America metal scavenging agents market in 2022.

BASF SE, Biosynth AG, Biotage AB, Fuji Silysia Chemical Ltd, Johnson Matthey Plc, Merck KGaA, and SiliCycle Inc are some of the leading companies operating in the South & Central America metal scavenging agents market.

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