

# **Europe 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**

Europe metal scavenging agents market was valued at US\$ 3,695.00 million in 2022 and is expected to reach US\$ 6,292.24 million by 2030; it is estimated to register a CAGR of 6.9% from 2022 to 2030.

### **Stringent Environmental Regulation and Compliance Drives Europe Metal Scavenging Agents Market**

Stringent environmental regulations imposed by governments and regulatory bodies worldwide are crafted in response to the urgent need to address the detrimental environmental and health impacts stemming from heavy metal pollution. Governments establish stringent limits on the permissible concentration of heavy metals in industrial effluents and emissions, aiming to safeguard water quality, soil integrity, and air purity. In adhering to these regulations, industries are compelled to deploy effective solutions such as metal scavenging agents to ensure their discharge levels meet the mandated limits. The pressure for regulatory compliance is immense, as noncompliance can result in severe fines, penalties, and legal repercussions. For instance, Regulation (EC) No 850/2004 on Persistent Organic Pollutants (POPs): This regulation restricts or bans the production, use, and release of certain chelating agents that are classified as POPs due to their persistence, bioaccumulation, and toxicity. Thus, industries, including water treatment, manufacturing, mining, and energy, are driven to invest in pollution control

methods such as metal scavenging agents to mitigate environmental risks and liabilities. Moreover, stringent regulations are driven by the imperative to protect ecosystems and human health from the negative effects of heavy metal contamination. Lead, arsenic, mercury, cadmium, and other heavy metals pose significant health hazards, accumulating in the environment and bioaccumulating in food chains. By limiting heavy metal pollution, regulatory efforts aim to safeguard public health, biodiversity, and ecological balance. This imperative drives industries to adopt metal scavenging agents as a crucial component of their pollution control strategies. Furthermore, the stringent regulatory landscape assists manufacturers and suppliers of metal scavenging agents in expanding their business. Therefore, stringent environmental regulations imposed by governments and regulatory bodies across the world escalate the Europe metal scavenging agents market growth.

## Europe Metal Scavenging Agents Market Overview

The Rest of Europe consists of the Netherlands, Spain, Switzerland, Poland, Sweden, Belgium, and others. Industries such as food & beverages, chemicals, and pharmaceuticals play crucial roles in the metal scavenging agents market. The rest of European countries have a strong food and beverage manufacturing base, creating huge employment opportunities in the region. Further, the chemical industry is one of the largest manufacturing sectors, playing a pivotal role in providing innovative materials. The expanding industrial activities in the Rest of Europe contribute to the heightened demand for metal scavenging agents. In manufacturing processes, these agents are instrumental in maintaining product quality by eliminating metal impurities that can adversely affect the final product.

## Europe Metal Scavenging Agents Market Revenue and Forecast to 2030 (US\$ Million)

### Europe Metal Scavenging Agents Market Segmentation

The Europe metal scavenging agents market is categorized into type, end-use industry, and country.

By type, the Europe 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 Europe metal scavenging agents market share in 2022.

In terms of end-use industry, the Europe 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 Europe metal scavenging agents market share in 2022.

Based on country, the Europe metal scavenging agents market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. The Rest of Europe segment held the largest share of Europe metal scavenging agents market in 2022.

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

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