Global Oxygen Scavenger Market

Market Research Report | 2023-12-04 | 138 pages | BCC Research

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Report description:

Description

Report Scope:

The report will include details about various types of compositions used in oxygen scavengers, end-use industries for oxygen scavengers, and forms of oxygen scavengers. Estimated values are based on manufacturers' total revenues. Projected revenue values are in constant U.S. dollars, unadjusted for inflation. The report contains comprehensive information regarding the oxygen scavenger industry and the users thereof.

The global oxygen scavenger market is segmented into the following categories:

Type (metallic oxygen scavenger and non-metallic oxygen scavenger).
Composition (organic and inorganic).
Form (powder, liquid and resin).
End use (food and beverage, pharmaceutical, power, oil and gas, pulp and paper, and chemical).
Region: North America, Europe, Asia-Pacific (APAC), and the Rest of the World (RoW).

Report Includes:

- 67 data tables and 39 additional tables
- An overview of the global market landscape related to the oxygen scavengers
- In-depth analysis of global market trends, featuring historical revenue data for 2022, estimated figures for 2023, as well as forecasts for 2027. This analysis includes projections of Compound Annual Growth Rates (CAGRs) spanning through 2028
- Evaluation of the current market size and revenue growth prospects specific to oxygen scavengers, accompanied by a

comprehensive market share analysis categorized by type, composition, form, end-use industry, and geographic region
- Information on oxygen scavengers designs and forms, including powder, liquid, and resins
- Coverage of various applications of oxygen scavenger such as food & beverage, pharmaceutical, power, oil & gas, pulp & paper, and chemical industry, and their innovative packaging technologies
- Information on latest developments, new industry research, upcoming technologies, industry structure, and regulatory scenarios, and economic trends
- Identification of challenges and discussion on how to overcome from those to reach its commercialization potential
- Discussion on importance of ESG in the oxygen scavenger industry, assessment of ESG ratings and metrics, ESG practices, and current status and future of ESG in the oxygen scavenger market
- Market share analysis of the key companies of the industry and coverage of their proprietary technologies, strategic alliances, and other key market strategies and a relevant patent analysis
- Detailed profiles of leading market participants, providing a descriptive overview of their respective businesses

Executive Summary

Summary:

The global oxygen scavenger market is expected to grow at a compound annual growth rate (CAGR) of REDACTED% from 2023 through 2028 to reach $REDACTED billion. The Asia-Pacific market, sized at $REDACTED million in 2022, and is expected to reach $REDACTED billion by the end of 2028 with a CAGR of REDACTED%. The growth in North America and Europe will be slower, with CAGRs of REDACTED% and REDACTED%, respectively, from 2023 through 2028, reaching $REDACTED million and $REDACTED billion, respectively.

The rate of growth is expected to pick up in the coming years. The Asia-Pacific region, especially China, South Korea, and India, should grow relatively faster throughout the next five years, but the impact on the total market growth rate is not expected to be significant enough to off-balance the slower growth rates in the West.

In terms of industrial GDP values, China and the U.S. are the largest globally. Japan and Germany are ranked third and fourth. The growth of these economies significantly helps the global oxygen scavenger market. The growing consumption of processed food and demand for sustainable food packaging in developing countries further drive the global oxygen scavenger market. Oil economies have a disproportionate dependence on industrial production for their GDPs. Countries such as Qatar, Iraq, the United Arab Emirates (UAE), Saudi Arabia, Oman, and Kuwait all have more than 50% of their country's GDP coming from the industrial sector. The revival of the oil economies helps the oxygen scavenger industry, although, on a global basis, the GDPs of these countries have only modest shares of the oxygen scavenger industry. Oil and gas companies generally use oxygen scavenger products in their boiler systems to protect the metal surfaces from corrosion and to reduce oxidation in the systems.

End users of the oxygen scavenger industry are diverse. Food and beverage, chemical, power, paper and pulp, and oil and gas businesses are the bulk users of oxygen scavengers in the global market. Oxygen-scavenging technology is accepted by the FDA, Hazard Analysis Critical Control Point, and Australian Standard 2070-1999. Recently, oxygen scavenger products have been used to protect historical objects and cultural properties from corrosion.

The metallic oxygen scavenger segment is well concentrated globally, with a limited number of large companies that have grown successfully in the mass manufacture of oxygen scavenger products with economies of scale. Iron, zinc, and sulfite are the key active ingredients used in metallic oxygen scavenger products. These scavengers are designed mainly for food and beverage, chemical, power, paper and pulp, and oil and gas industries. The non-metallic oxygen scavenger segment is more diverse in terms of regional diversity, and the companies are typically smaller in size than the manufacturers of metallic oxygen scavengers.

Table of Contents:

AVIENT CORP.
BASF SE
CHARDON LAB
CLARIANT
DESICCARE INC.
EASTMAN CHEMICAL CO.
ECOLAB
HENKEL AG & CO. KGAA
MITSUBISHI GAS CHEMICAL CO. INC.
MULTISORB
THE SHERWIN-WILLIAMS CO.
THERMAX LTD.
Chapter 16 Appendix: Abbreviations

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