

Zinc Chloride Market Projected to Reach USD 556 Million by 2035 Across APAC, Europe, USA, and Saudi Arabia

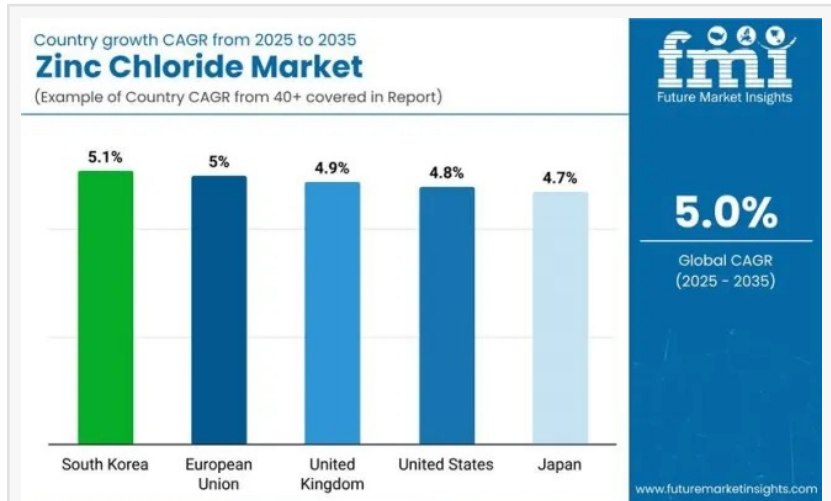
TIB Chemicals AG leads with an estimated 18-22% market share, while Zaclon LLC follows with 15-18% both contributing to innovation & expansion in the industrial

ICHIHARA, CHIBA, JAPAN, November 10, 2025 /EINPresswire.com/ -- The global [zinc chloride market](#) is set for steady expansion over the next decade, driven by increasing applications in metallurgy, chemical manufacturing, pharmaceuticals, batteries, and water treatment industries. According to Future Market Insights (FMI), the market is projected to grow from USD 341.3 million in 2025 to USD 556 million by 2035, reflecting a compound annual growth rate (CAGR) of 5.0%.

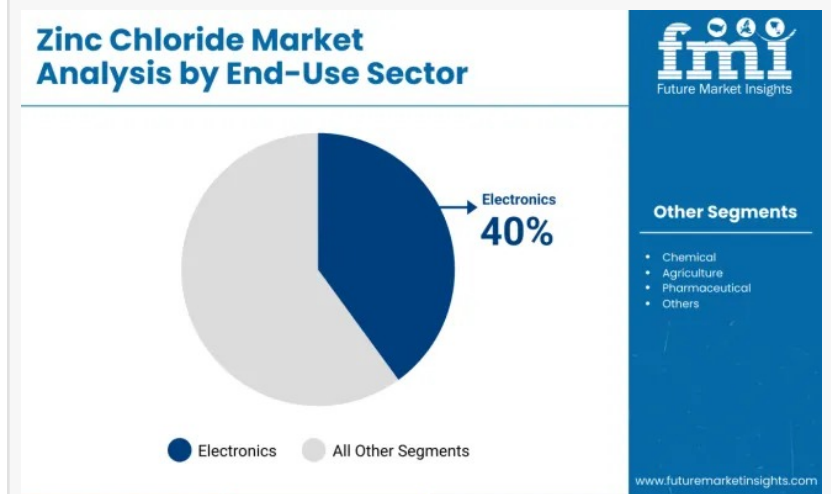
Market Dynamics and Key Drivers

Zinc chloride's unique properties—corrosive, hygroscopic, and highly soluble—make it a versatile chemical for multiple industrial processes. Its adoption is rising in dry cell batteries, water treatment chemicals, and as a catalyst in organic synthesis, while the push toward sustainable, energy-efficient technologies, including electric vehicles (EVs), continues to drive market demand.

Battery-grade zinc chloride is emerging as a major growth segment, supporting energy storage systems in EVs and renewable energy applications. Simultaneously, the use of zinc chloride in



zinc chloride market Size



zinc chloride market Share

wastewater treatment has gained momentum due to stricter environmental regulations, reinforcing its role in flocculation and purification processes.

Pharmaceuticals and chemical synthesis also represent expanding opportunities, with zinc chloride serving as a catalyst, dehydrating agent, and reagent for specialty coatings, polymer stabilization, and medical formulations. Rising research into biocompatible and antimicrobial coatings further supports demand for high-purity zinc chloride.

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Regional Insights

- United States: The U.S. market is expected to grow at a CAGR of 4.8% through 2035. Key drivers include battery production for electronics and EVs, chemical processing, and advanced water treatment. Environmental and safety regulations under the EPA and OSHA are also shaping the adoption of eco-friendly and efficient zinc chloride formulations.
- European Union & UK: Europe is projected to grow at a 5.0% CAGR, driven by chemical innovation, energy storage advancements, and sustainable industrial practices. Germany, France, and the UK are leveraging zinc chloride in battery technologies, water treatment, and high-purity chemical processes, aligning with EU sustainability regulations.
- Asia-Pacific (China, India, Japan, South Korea): Asia-Pacific is the fastest-growing region. China and India lead with demand in metal processing, water treatment, and electronics manufacturing. Japan and South Korea are focusing on high-performance batteries, chemical synthesis, and advanced electronic applications, with CAGR projections of 4.7–5.1%.
- Saudi Arabia & Middle East: Industrialization, water treatment projects, and infrastructure development are supporting zinc chloride demand. Saudi Arabia and UAE are increasingly adopting zinc chloride for chemical purification and water treatment, with growth underpinned by sustainability initiatives and energy storage projects.

Market Segmentation and Applications

By grade, battery-grade zinc chloride is witnessing strong growth due to high conductivity and moisture absorption properties critical for energy storage solutions. High-purity grades are also essential for pharmaceutical and electronic applications.

By end-use sector, electronics dominate, accounting for approximately 40% of market share. Zinc chloride is widely used as a flux in soldering processes, enabling efficient metal bonding and high-quality electrical connections. Other significant applications include chemical processing, agriculture, and specialty pharmaceuticals.

Trade Dynamics

China, Japan, and Germany dominate global zinc chloride exports due to their advanced chemical industries and raw material availability. Major importers include North America, Europe, and parts of Asia-Pacific, reflecting regional production gaps and rising industrial demand for high-purity zinc chloride in battery, pharmaceutical, and metallurgical applications.

Challenges

The market faces challenges, including raw material price volatility, supply chain disruptions, and stringent environmental and regulatory compliance requirements. Zinc chloride's corrosive nature necessitates specialized handling, safe disposal, and adherence to chemical safety standards, which can increase operational costs.

Opportunities

The rise of zinc-based batteries for EVs and renewable energy storage, expansion in wastewater treatment, and the increasing use in pharmaceutical and chemical synthesis are expected to drive market growth. Eco-friendly production techniques, recycling innovations, and the development of green chemical formulations are creating new avenues for manufacturers and investors.

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Competitive Landscape

The zinc chloride market is moderately fragmented, with key players including TIB Chemicals AG, Zaclon LLC, Vijaychem Industries, American Elements, and Flaurea Chemicals. Companies are focusing on high-purity formulations, sustainable production methods, and innovative applications in batteries, water treatment, and pharmaceuticals.

Strategic Insights

- TIB Chemicals AG emphasizes eco-friendly production for galvanizing, chemical synthesis, and batteries.
- Zaclon LLC specializes in industrial-grade zinc chloride for metal treatment, electronics, and water purification.
- Vijaychem Industries targets the pharmaceutical, textile, and electroplating sectors with cost-efficient, quality formulations.
- American Elements supplies ultra-high-purity zinc chloride for research and advanced manufacturing.
- Flaurea Chemicals focuses on sustainable production and recycling innovations, serving

environmental and metallurgical industries.

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