

Global Industrial Grade Ferrous Sulfate Tetrahydrate Market Growth 2026-2032

<https://marketpublishers.com/r/G8B59D84CEA1EN.html>

Date: September 2026

Pages: 87

Price: US\$ 3,660.00 (Single User License)

ID: G8B59D84CEA1EN

Abstracts

The global Industrial Grade Ferrous Sulfate Tetrahydrate market size is predicted to grow from US\$ 36.52 million in 2025 to US\$ 48.78 million in 2032; it is expected to grow at a CAGR of 4.3% from 2026 to 2032.

Industrial grade ferrous sulfate tetrahydrate refers to the industrial-grade $\text{FeSO}_4 \cdot 4\text{H}_2\text{O}$ form of ferrous sulfate, with purity and impurities controlled to meet industrial application standards. It is typically produced as a by-product from sulfate-process titanium dioxide production or by further purification to achieve the tetrahydrate form.

In recent years, the market for industrial-grade ferrous sulfate tetrahydrate has shown a steady upward trend, driven by increasingly stringent environmental regulations and a growing demand for industrial wastewater and solid waste treatment solutions. As a key by-product of titanium dioxide production via the sulfate process, ferrous sulfate tetrahydrate has gained significant traction due to its cost-effectiveness and consistent performance in coagulation, phosphorus removal, and heavy metal neutralization. Particularly in emerging markets undergoing rapid infrastructure development, sectors such as municipal wastewater treatment, metallurgy, and electroplating are exhibiting increasing demand for iron-based coagulants, which is accelerating the material's industrial adoption.

Beyond water treatment, ferrous sulfate tetrahydrate is also gaining momentum in the pigment and construction materials sectors. It serves as a critical iron source in the synthesis of iron oxide pigments such as red and yellow iron oxides. These applications align with the growing emphasis on green chemistry and the efficient use of industrial by-products. In cement manufacturing, the compound is occasionally used to regulate iron content in clinker or enhance the final product's performance, especially in specialized

formulations.

Looking ahead, rising expectations for product quality and consistency across downstream sectors are pushing the industry toward standardization and higher-purity formulations. Manufacturers are increasingly optimizing purification and dehydration processes to cater to more demanding applications such as fine chemicals and high-end water treatment. At the same time, the global shift toward circular economy models and sustainable resource utilization is enhancing the recycling rate of iron salt by-products. Under the influence of decarbonization policies and green production strategies, industrial-grade ferrous sulfate tetrahydrate is set to play an increasingly pivotal role in environmental management, sustainable manufacturing, and the broader inorganic chemical value chain.

LP Information, Inc. (LPI) ' newest research report, the "Industrial Grade Ferrous Sulfate Tetrahydrate Industry Forecast" looks at past sales and reviews total world Industrial Grade Ferrous Sulfate Tetrahydrate sales in 2025, providing a comprehensive analysis by region and market sector of projected Industrial Grade Ferrous Sulfate Tetrahydrate sales for 2026 through 2032. With Industrial Grade Ferrous Sulfate Tetrahydrate sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Industrial Grade Ferrous Sulfate Tetrahydrate industry.

This Insight Report provides a comprehensive analysis of the global Industrial Grade Ferrous Sulfate Tetrahydrate landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Industrial Grade Ferrous Sulfate Tetrahydrate portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Industrial Grade Ferrous Sulfate Tetrahydrate market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Industrial Grade Ferrous Sulfate Tetrahydrate and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Industrial Grade Ferrous Sulfate Tetrahydrate.

This report presents a comprehensive overview, market shares, and growth opportunities of Industrial Grade Ferrous Sulfate Tetrahydrate market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Powder

Granular

Segmentation by Application:

Iron Oxide Pigments

Water Treatment

Cement

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Lomon Billions Group

Venator Materials

GPRO Investment

Jinhai Titanium Resources Technology

Tronox

Doguide Group

Kronos

Jinmao Titanium

CNNC HUA YUAN Titanium Dioxide

Ishihara Sangyo Kaisha

Key Questions Addressed in this Report

What is the 10-year outlook for the global Industrial Grade Ferrous Sulfate Tetrahydrate market?

What factors are driving Industrial Grade Ferrous Sulfate Tetrahydrate market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Industrial Grade Ferrous Sulfate Tetrahydrate market opportunities vary by end market size?

How does Industrial Grade Ferrous Sulfate Tetrahydrate break out by Type, by Application?

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