

Global Industrial Grade Ferrous Sulfate Heptahydrate Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Industrial Grade Ferrous Sulfate Heptahydrate market size was valued at US\$ 158 million in 2024 and is forecast to a readjusted size of USD 194 million by 2031 with a CAGR of 3.0% during review period.

Ferrous sulfate has three major forms, ferrous sulfate heptahydrate, ferrous sulfate monohydrate, and ferrous sulfate tetrahydrate. Ferrous sulfate heptahydrate is a direct byproduct of titanium dioxide, and ferrous sulfate monohydrate and ferrous sulfate tetrahydrate can be further processed from ferrous sulfate heptahydrate. Ferrous sulfate heptahydrate is a green, water soluble, acidic salt. It is commonly produced during the titanium dioxide (TiO₂) manufacturing process, or as a byproduct of steel pickling.

Industrial grade ferrous sulfate heptahydrate is mainly the byproduct during the titanium oxide production using sulfate process. Thus, most of industrial grade ferrous sulfate heptahydrate manufacturers are global leading titanium oxide producers. As the by product is dangerous chemical, titanium oxide producers must have to handle industrial grade ferrous sulfate heptahydrate appropriately. Many titanium oxide producers are puzzled by the handle of industrial grade ferrous sulfate heptahydrate. Only a certain part of industrial grade ferrous sulfate heptahydrate has been sold to external customers as a commodity, the remained parts are treated as waste. Titanium dioxide manufacturers are facing more pressure for handling of waste, commercialization of industrial grade ferrous sulfate heptahydrate instead of treating as waste help them increase revenue and release environmental protection pressure synchronously.

Applications of industrial grade ferrous sulfate heptahydrate mainly come from iron

oxide pigment industry, water treatment industry, cement industry, battery industry, agriculture, etc. Among them, iron oxide pigment industry is the largest consumer, with sales share staying at about 30%. In addition, as industrial grade ferrous sulfate heptahydrate can be used to produce iron phosphate, which is then used in the manufacture of lithium iron phosphate batteries. Demand from battery industry is the most promising driver of the industrial grade ferrous sulfate heptahydrate industry. Some of industrial grade ferrous sulfate heptahydrate producers in China are planning to enter into the iron phosphate industry, to stimulate their industrial grade ferrous sulfate heptahydrate business as well as to get a piece of the pie in the related lithium iron phosphate batteries industry.

This report is a detailed and comprehensive analysis for global Industrial Grade Ferrous Sulfate Heptahydrate market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Industrial Grade Ferrous Sulfate Heptahydrate market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Industrial Grade Ferrous Sulfate Heptahydrate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Industrial Grade Ferrous Sulfate Heptahydrate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Industrial Grade Ferrous Sulfate Heptahydrate market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Industrial Grade Ferrous Sulfate Heptahydrate
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Industrial Grade Ferrous Sulfate Heptahydrate market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Lomon Billions Group, Venator Materials, CNNC HUA YUAN Titanium Dioxide, Doguide Group, Jinmao Titanium, Jinhai Titanium Resources Technology, GPRO Investment, Tronox, Kronos, Ishihara Sangyo Kaisha, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Industrial Grade Ferrous Sulfate Heptahydrate market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

More Than 98%

More Than 94%

Market segment by Application

Iron Oxide Pigments

Water Treatment

Agriculture

Batteries

Cement

Other

Major players covered

Lomon Billions Group

Venator Materials

CNNC HUA YUAN Titanium Dioxide

Doguide Group

Jinmao Titanium

Jinhai Titanium Resources Technology

GPRO Investment

Tronox

Kronos

Ishihara Sangyo Kaisha

Annada Titanium

Huiyun Titanium

Precheza

Verdesian Life Sciences

Crown Technology

Gokay Group

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Industrial Grade Ferrous Sulfate Heptahydrate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Industrial Grade Ferrous Sulfate Heptahydrate, with price, sales quantity, revenue, and global market share of Industrial Grade Ferrous Sulfate Heptahydrate from 2020 to 2025.

Chapter 3, the Industrial Grade Ferrous Sulfate Heptahydrate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Industrial Grade Ferrous Sulfate Heptahydrate breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Industrial Grade Ferrous Sulfate Heptahydrate market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Industrial

Grade Ferrous Sulfate Heptahydrate.

Chapter 14 and 15, to describe Industrial Grade Ferrous Sulfate Heptahydrate sales channel, distributors, customers, research findings and conclusion.

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