

Global Nickel Sulfate Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Nickel Sulfate market size was valued at USD 5156.9 million in 2023 and is forecast to a readjusted size of USD 10310 million by 2030 with a CAGR of 10.4% during review period.

Nickel Sulfate, usually refers to the inorganic compound with the formula $\text{NiSO}_4(\text{H}_2\text{O})_6$. This highly soluble blue-coloured salt is a common source of the Ni^{2+} ion for electroplating. At least seven Sulfate salts of nickel (II) are known. These salts differ in terms of their hydration or crystal habit. The common tetragonal hexahydrate crystallizes from aqueous solution between 30.7 and 53.8 °C. Below these temperatures, a heptahydrate crystallises, and above these temperatures an orthorhombic hexahydrate forms. The yellow anhydrous form, NiSO_4 , is a high melting solid that is rarely encountered in the laboratory. This material is produced by heating the hydrates above 330 °C. It decomposes at still higher temperatures to nickel oxide. X-ray crystallography measurements show that $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ consists of the octahedral $[\text{Ni}(\text{H}_2\text{O})_6]^{2+}$ ions. These ions in turn are hydrogen bonded to Sulfate ions. Dissolution of the salt in water gives solutions containing the aquo complex $[\text{Ni}(\text{H}_2\text{O})_6]^{2+}$. All Nickel Sulfates are paramagnetic.

Global nickel sulfate main players are Jinchuan, GEM, Sumitomo Metal Mining(SMM), etc. Top 5 companies hold a share about 50%. Japan is the largest market, with a share about 65%. In terms of product, high-purity grade is the largest segment, with a share over 75%. And in terms of application, the largest application is battery, followed by electroplating .

The Global Info Research report includes an overview of the development of the Nickel Sulfate industry chain, the market status of Electroplating (EN Grade, Plating Grade),

Chemical industry (EN Grade, Plating Grade), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Nickel Sulfate.

Regionally, the report analyzes the Nickel Sulfate markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Nickel Sulfate market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Nickel Sulfate market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Nickel Sulfate industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., EN Grade, Plating Grade).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Nickel Sulfate market.

Regional Analysis: The report involves examining the Nickel Sulfate market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Nickel Sulfate market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Nickel Sulfate:

Company Analysis: Report covers individual Nickel Sulfate manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Nickel Sulfate. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Electroplating, Chemical industry).

Technology Analysis: Report covers specific technologies relevant to Nickel Sulfate. It assesses the current state, advancements, and potential future developments in Nickel Sulfate areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Nickel Sulfate market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Nickel Sulfate market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

EN Grade

Plating Grade

High-purity Grade

Market segment by Application

Electroplating

Chemical industry

Battery

Major players covered

Jinchuan

GEM

Sumitomo Metal Mining(SMM)

Guangxi Yinyi

Norilsk Nickel

Jilin Jien

Umicore

Coremax

Jinco Nonferrous

Zenith

Mechema

SEIDO CHEMICAL

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 Nickel Sulfate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nickel Sulfate, with price, sales, revenue and global market share of Nickel Sulfate from 2019 to 2024.

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

Chapter 4, the Nickel Sulfate breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Nickel Sulfate market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Nickel Sulfate.

Chapter 14 and 15, to describe Nickel Sulfate sales channel, distributors, customers, research findings and conclusion.

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