

# Global Nickelous 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 Nickelous Sulfate market size was valued at USD 5453 million in 2023 and is forecast to a readjusted size of USD 19870 million by 2030 with a CAGR of 20.3% during review period.

Nickelous Sulfate, usually refers to the inorganic compound with the formula  $\text{NiSO}_4 \cdot (\text{H}_2\text{O})_6$ . This highly soluble blue-coloured salt is a common source of the  $\text{Ni}^{2+}$  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,  $\text{NiSO}_4$ , 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 nickelous sulfates are paramagnetic.

The major players in global Nickelous Sulfate market include Sumitomo Metal Mining(SMM), Norilsk Nickel, Jinchuan, etc. The top 3 players occupy about 30% shares of the global market. North America, Europe and China are main markets, they occupy about 70% of the global market. High-Purity Grade is the main type, with a share about 65%. Battery is the main application, which holds a share about 65%.

The Global Info Research report includes an overview of the development of the

Nickelous 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 Nickelous Sulfate.

Regionally, the report analyzes the Nickelous 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 Nickelous Sulfate market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Nickelous 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 Nickelous 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 (K 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 Nickelous Sulfate market.

**Regional Analysis:** The report involves examining the Nickelous 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 Nickelous 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 Nickelous Sulfate:

**Company Analysis:** Report covers individual Nickelous 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 Nickelous 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 Nickelous Sulfate. It assesses the current state, advancements, and potential future developments in Nickelous Sulfate areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Nickelous 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

Nickelous 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

Norilsk Nickel

Umicore

Sumitomo Metal Mining. (SMM)

Mechem

Outotec

Nicomet

Coremax

Zenith

SEIDO CHEMICAL INDUSTRY.

Jilin Jien Nickel Industry

Jinchuan

Green Eco-Manufacturer

Jinco Nonferrous

Huaze Cobalt & Nickel

Guangxi Yinyi

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

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

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

Chapter 4, the Nickelous 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 Nickelous 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 Nickelous Sulfate.

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

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