

2018 Top 5 Nickel Sulfate Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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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 $[\text{Ni}(\text{H}_2\text{O})_6]^{2+}$.

Nickel sulfate industry is relatively fragmented, manufacturers are mostly in the China, Taiwan, Japan and Europe. As for output value, Europe and North America output value accounted for more than 60.38% of the total output value of global nickel sulfate market. Norilsk Nickel is the world leading manufacturer in global nickel sulfate market with the market share of 13.94%, in terms of revenue.

In the past few years, as the main raw material price was not stable, with the decrease in production capacity, expected that the nickel sulfate raw material price might be slightly higher in the short term. Moreover, the improvement of energy, transportation costs, and labor costs, will play a significant role in promoting the cost of nickel sulfate. There are companies adding new capacities and aims at the cost and quality leadership

which shall improve profitability. As the same time, companies are focusing on technological innovation, equipment upgrades, and process improvements, to reduce costs and improve quality.

The average price of nickel sulfate will fall further. The product average price declined in the past few years due to the function and technology development, the average price will keep this trend in the few future years due to increasing mature manufacturing technology and cost of raw materials.

Over the next five years, LPI(LP Information) projects that Nickel Sulfate will register a 3.3% CAGR in terms of revenue, reach US\$ 2260 million by 2023, from US\$ 1850 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Norilsk Nickel

Umicore

Sumitomo Metal Mining Co., Ltd. (SMM)

Mechem

Outotec

Nicomet

Coremax

Zenith

SEIDO CHEMICAL INDUSTRY CO., LTD.

Jilin Jien Nickel Industry

Jinchuan

Green Eco-Manufacturer

Jinco Nonferrous

Huaze Cobalt & Nickel

Guangxi Yinyi

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

EN Grade

Plating Grade

High-Purity Grade

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Electroplating

Chemical Industry

Battery

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