

2018-2023 Global Nickel Sulfate Consumption Market Report

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Abstracts

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In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Nickel Sulfate market for 2018-2023.

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 presents a comprehensive overview, market shares, and growth opportunities of Nickel Sulfate market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

EN Grade

Plating Grade

High-Purity Grade

Segmentation by application:

Electroplating

Chemical Industry

Battery

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

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

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Nickel Sulfate consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Nickel Sulfate market by identifying its various subsegments.

Focuses on the key global Nickel Sulfate manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Nickel Sulfate with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Nickel Sulfate submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new

product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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