

Global and China Nickelous Sulfate Market Research by Company, Type & Application 2013-2025

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Abstracts

SUMMARY

Nickelous Sulfate, usually refers to the inorganic compound with the formula $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$. 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 nickelous sulfates are paramagnetic

Market Segment as follows:

By Type

EN Grade

Plating Grade

High-Purity Grade

By Application

Electroplating

Chemical Industry

Battery

By Company

Norilsk Nickel

Umicore

Sumitomo Metal Mining Co., Ltd. (SMM)

Mechema

Outotec

Nicomet

Coremax

Zenith

SEIDO CHEMICAL INDUSTRY CO., LTD.

Jilin Jien Nickel Industry

Jinchuan

Green Eco-Manufacturer

Jinco Nonferrous

Huaze Cobalt & Nickel

Guangxi Yinyi

The main contents of the report including:

Section 1:

Product definition, type and application, global and China market overview;

Section 2:

Global and China Market competition by company;

Section 3:

Global and China sales revenue, volume and price by type;

Section 4:

Global and China sales revenue, volume and price by application;

Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

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Industry chain and raw materials;

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