

Global Nickelous Sulfate Market Data Survey Report 2025

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Abstracts

Summary

Nickelous Sulfate, usually refers to the inorganic compound with the formula NiSO4 (H2O)6. This highly soluble blue-coloured salt is a common source of the Ni2+ 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, NiSO4, 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 NiSO4?6H2O consists of the octahedral [Ni (H2O)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 [Ni (H2O)6]2+. All nickelous sulfates are paramagnetic

The global Nickelous Sulfate market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

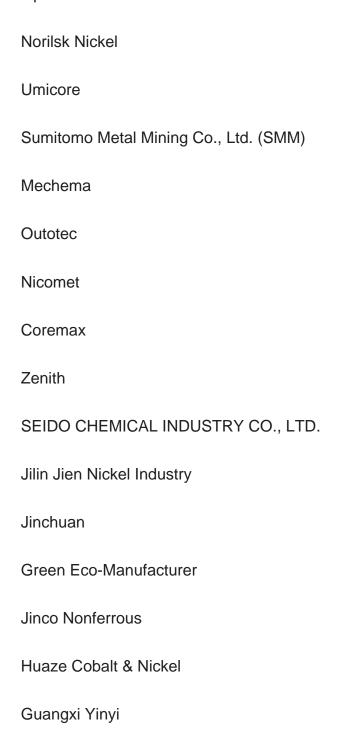
Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)



Average market price by SUK

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Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:



Major applications



as foll	ows:
	Electroplating
	Chemical?Industry
	Battery
Regior	nal market size, production data and export & import:
	Asia-Pacific
	North America
	Europe
	South America
	Middle East & Africa



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