

Global and United States 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 United States market overview;

Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application;

Section 5:

United States export and import;

Section 6:

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

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

Contents

1 MARKET OVERVIEW

1.1 Market Segment Overview

1.1.1 Product Definition

1.1.2 Market by Type

1.1.2.1 EN Grade

1.1.2.2 Plating Grade

1.1.2.3 High-Purity Grade

1.1.3 Market by Application

1.1.3.1 Electroplating

1.1.3.2 Chemical Industry

1.1.3.3 Battery

1.2 Global and Regional Market Size

1.2.1 Global Overview

1.2.2 United States Overview

2 GLOBAL AND REGIONAL MARKET BY COMPANY

2.1 Global

2.1.1 Global Sales by Company

2.1.2 Global Price by Company

2.2 United States

2.2.1 United States Sales by Company

2.2.2 United States Price by Company

3 GLOBAL AND REGIONAL MARKET BY TYPE

3.1 Global

3.1.1 Global Sales by Type

3.1.2 Global Price by Type

3.2 United States

3.2.1 United States Sales by Type

3.2.2 United States Price by Type

4 GLOBAL AND REGIONAL MARKET BY APPLICATION

4.1 Global

- 4.1.1 Global Sales by Application
- 4.1.2 Global Price by Application
- 4.2 United States
 - 4.2.1 United States Sales by Application
 - 4.2.2 United States Price by Application

5 REGIONAL TRADE

- 5.1 Export
- 5.2 Import

6 KEY MANUFACTURERS

- 6.1 Norilsk Nickel
 - 6.1.2 Company Information
 - 6.1.2 Product Specifications
 - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Umicore
 - 6.2.1 Company Information
 - 6.2.2 Product Specifications
 - 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Sumitomo Metal Mining Co., Ltd. (SMM)
 - 6.3.1 Company Information
 - 6.3.2 Product Specifications
 - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Mechema
 - 6.4.1 Company Information
 - 6.4.2 Product Specifications
 - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 Outotec
 - 6.5.1 Company Information
 - 6.5.2 Product Specifications
 - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 Nicomet
 - 6.6.1 Company Information
 - 6.6.2 Product Specifications
 - 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.7 Coremax
 - 6.7.1 Company Information

- 6.7.2 Product Specifications
- 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 Zenith
 - 6.8.1 Company Information
 - 6.8.2 Product Specifications
 - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.9 SEIDO CHEMICAL INDUSTRY CO., LTD.
 - 6.9.1 Company Information
 - 6.9.2 Product Specifications
 - 6.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.10 Jilin Jien Nickel Industry
 - 6.10.1 Company Information
 - 6.10.2 Product Specifications
 - 6.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.11 Jinchuan
- 6.12 Green Eco-Manufacturer
- 6.13 Jinco Nonferrous
- 6.14 Huaze Cobalt & Nickel
- 6.15 Guangxi Yinyi

7 INDUSTRY UPSTREAM

- 7.1 Industry Chain
- 7.2 Raw Materials

8 MARKET ENVIRONMENT

- 8.1 SWOT
- 8.2 Porter's Five Forces

9 CONCLUSION

List Of Tables

LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017
Table Global Market Sales Revenue Share by Company 2013-2017
Table Global Market Sales Volume by Company 2013-2017
Table Global Market Sales Volume Share by Company 2013-2017
Table Global Price by Company 2013-2017
Table United States Market Sales Revenue by Company 2013-2017
Table United States Market Sales Revenue Share by Company 2013-2017
Table United States Market Sales Volume by Company 2013-2017
Table United States Market Sales Volume Share by Company 2013-2017
Table United States Price by Company 2013-2017
Table Global Market Sales Revenue by Type 2013-2017
Table Global Market Sales Revenue Share by Type 2013-2017
Table Global Market Sales Volume by Type 2013-2017
Table Global Market Sales Volume Share by Type 2013-2017
Table Global Price by Type 2013-2017
Table United States Market Sales Revenue by Type 2013-2017
Table United States Market Sales Revenue Share by Type 2013-2017
Table United States Market Sales Volume by Type 2013-2017
Table United States Market Sales Volume Share by Type 2013-2017
Table United States Price by Type 2013-2017
Table Global Market Sales Revenue by Application 2013-2017
Table Global Market Sales Revenue Share by Application 2013-2017
Table Global Market Sales Volume by Application 2013-2017
Table Global Market Sales Volume Share by Application 2013-2017
Table Global Price by Application 2013-2017
Table United States Market Sales Revenue by Application 2013-2017
Table United States Market Sales Revenue Share by Application 2013-2017
Table United States Market Sales Volume by Application 2013-2017
Table United States Market Sales Volume Share by Application 2013-2017
Table United States Price by Application 2013-2017
Table United States Export 2013-2017 (Million USD)
Table United States Export 2013-2017 (Volume)
Table United States Import 2013-2017 (Million USD)
Table United States Import 2013-2017 (Volume)
Table Sales Revenue, Volume, Price, Cost and Margin of Norilsk Nickel

Table Sales Revenue, Volume, Price, Cost and Margin of Umicore

Table Sales Revenue, Volume, Price, Cost and Margin of Sumitomo Metal Mining Co., Ltd. (SMM)

Table Sales Revenue, Volume, Price, Cost and Margin of Mechema

Table Sales Revenue, Volume, Price, Cost and Margin of Outotec

Table Sales Revenue, Volume, Price, Cost and Margin of Nicomet

Table Sales Revenue, Volume, Price, Cost and Margin of Coremax

Table Sales Revenue, Volume, Price, Cost and Margin of Zenith

Table Sales Revenue, Volume, Price, Cost and Margin of SEIDO CHEMICAL INDUSTRY CO., LTD.

Table Sales Revenue, Volume, Price, Cost and Margin of Jilin Jien Nickel Industry

Table Sales Revenue, Volume, Price, Cost and Margin of Jinchuan

Table Sales Revenue, Volume, Price, Cost and Margin of Green Eco-Manufacturer

Table Sales Revenue, Volume, Price, Cost and Margin of Jinco Nonferrous

Table Sales Revenue, Volume, Price, Cost and Margin of Huaze Cobalt & Nickel

Table Sales Revenue, Volume, Price, Cost and Margin of Guangxi Yinyi

List Of Figures

LIST OF FIGURES

- Figure EN Grade Market Size and CAGR 2013-2017 (Million USD)
- Figure EN Grade Market Size and CAGR 2013-2017 (Volume)
- Figure EN Grade Market Forecast and CAGR 2018-2025 (Million USD)
- Figure EN Grade Market Forecast and CAGR 2018-2025 (Volume)
- Figure Plating Grade Market Size and CAGR 2013-2017 (Million USD)
- Figure Plating Grade Market Size and CAGR 2013-2017 (Volume)
- Figure Plating Grade Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Plating Grade Market Forecast and CAGR 2018-2025 (Volume)
- Figure High-Purity Grade Market Size and CAGR 2013-2017 (Million USD)
- Figure High-Purity Grade Market Size and CAGR 2013-2017 (Volume)
- Figure High-Purity Grade Market Forecast and CAGR 2018-2025 (Million USD)
- Figure High-Purity Grade Market Forecast and CAGR 2018-2025 (Volume)
- Figure Electroplating Market Size and CAGR 2013-2017 (Million USD)
- Figure Electroplating Market Size and CAGR 2013-2017 (Volume)
- Figure Electroplating Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Electroplating Market Forecast and CAGR 2018-2025 (Volume)
- Figure Chemical Industry Market Size and CAGR 2013-2017 (Million USD)
- Figure Chemical Industry Market Size and CAGR 2013-2017 (Volume)
- Figure Chemical Industry Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Chemical Industry Market Forecast and CAGR 2018-2025 (Volume)
- Figure Battery Market Size and CAGR 2013-2017 (Million USD)
- Figure Battery Market Size and CAGR 2013-2017 (Volume)
- Figure Battery Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Battery Market Forecast and CAGR 2018-2025 (Volume)
- Figure Global Nickelous Sulfate Market Size and CAGR 2013-2017 (Million USD)
- Figure Global Nickelous Sulfate Market Size and CAGR 2013-2017 (Volume)
- Figure Global Nickelous Sulfate Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Global Nickelous Sulfate Market Forecast and CAGR 2018-2025 (Volume)
- Figure United States Nickelous Sulfate Market Size and CAGR 2013-2017 (Million USD)
- Figure United States Nickelous Sulfate Market Size and CAGR 2013-2017 (Volume)
- Figure United States Nickelous Sulfate Market Forecast and CAGR 2018-2025 (Million USD)
- Figure United States Nickelous Sulfate Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Market Sales Revenue Share by Company in 2017
Figure Global Market Sales Volume Share by Company in 2017
Figure United States Market Sales Revenue Share by Company in 2017
Figure United States Market Sales Volume Share by Company in 2017
Figure Global Market Sales Revenue Share by Type in 2017
Figure Global Market Sales Volume Share by Type in 2017
Figure United States Market Sales Revenue Share by Type in 2017
Figure United States Market Sales Volume Share by Type in 2017
Figure Global Market Sales Revenue Share by Application in 2017
Figure Global Market Sales Volume Share by Application in 2017
Figure United States Market Sales Revenue Share by Application in 2017
Figure United States Market Sales Volume Share by Application in 2017
Figure Industry Chain Overview
Figure Nickelous Sulfate SWOT List
Figure Chemicals & Materials Porter's Five Forces

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