

Nickel (II) Sulfate Hexahydrate

Product Stewardship Summary

Chemical Name:	Nickel(II) sulfate hexahydrate
Synonyms:	Nickel sulfate hexahydrate; nickel (II) sulfate hexahydrate; nickel (II) sulfate;
CAS Number:	10101-97-0
EC (EINECS) Number:	600-152-3
Revision number:	1-2026

- **Chemical identification and uses:** Nickel (II) sulfate hexahydrate is a green crystalline odorless substance. It is mainly used as an electrolyte in nickel plating baths as well as to make catalysts and other nickel compounds.
- **Potential exposures:** Exposure to Nickel (II) sulfate hexahydrate can occur in industrial/manufacturing facilities industrial/manufacturing facilities. Good manufacturing and industrial hygiene practices should be followed to prevent or reduce contact. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** Nickel (II) sulfate hexahydrate is harmful if swallowed or if inhaled. Symptoms of exposure to this class of compounds can include irritation to the skin, eyes and respiratory tract. Dermatitis and skin sensitization known as “nickel itch” is described as a burning and itching sensation in the hand, followed by erythema and nodular eruption on the fingers, wrists, and forearms. It is classified as mutagenic and carcinogenic to humans by NTP and IARC. One should refer to the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** It is considered very toxic to aquatic life and may cause long-term adverse effects in the aquatic environment.
- Please contact us at PSCustomerCare@Solstice.com for more information. Additional information may also be found at the following links:

[EPA – Nickel\(II\) sulfate hexahydrate](#)

[PubChem-Nickel \(II\) Sulfate](#)

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.