

# *Nickel(II) nitrate hexahydrate*

## *Product Stewardship Summary*

Chemical Name:	Nickel(II) nitrate hexahydrate
Synonyms:	Nickel nitrate Nickel nitrate hexahydrate
CAS Number:	13478-00-7
EC (EINECS) Number:	603-868-4
Revision number:	1-2026

- **Chemical identification and uses:** Nickel(II) nitrate hexahydrate appears as blue green odorless crystalline substance. This substance is used in fertilizers, agriculture, forestry and fishing and manufacture of other chemicals.
- **Potential exposures:** Exposure to Nickel(II) nitrate hexahydrate can occur in industrial/manufacturing facilities and/or during use as laboratory chemicals in research settings. The substance can be absorbed into the body by inhalation of its aerosol, through the skin and by ingestion. Good manufacturing and industrial hygiene practices for Nickel(II) nitrate hexahydrate should be followed to prevent or reduce exposure. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** Nickel(II) nitrate hexahydrate is an oxidizer and may intensify fires. It is harmful if swallowed or inhaled and may cause allergic skin reaction. Upon contact with skin or eyes, it causes skin irritation and serious eye damage. It may cause allergy or asthma or breathing difficulties if inhaled. This substance is suspected of causing genetic defects and may cause cancer and may damage the unborn child and causes damage to organs through prolonged or repeated exposure. Nickel(II) nitrate hexahydrate is identified as known carcinogen by NTP and IARC. This substance is known to the State of California (Prop 65) to cause cancer. One should refer to See the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** It is very toxic to aquatic organisms and may cause long-lasting adverse effects to the aquatic life.
- Please contact us at [PSCustomerCare@Solstice.com](mailto:PSCustomerCare@Solstice.com) for more information. Additional information Nickel(II) nitrate hexahydrate may also be found at the following links:

[PubChem- Nickel\(II\) nitrate hexahydrate](#)  
[Toxicological profile of Nickel](#)

*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.*