

Sodium Selenite Pentahydrate

Chemical Name:	Sodium Selenite Pentahydrate
Synonyms:	Sodium Selenite-5-hydrate
CAS Number:	26970-82-1
EC (EINECS) Number:	233-267-9
Revision Number:	1-2026

Chemical identification and uses

Sodium Selenite Pentahydrate, often referred to as Sodium Selenite-5-hydrate, is a colorless, crystalline substance primarily used in laboratory settings. It serves various roles in scientific research and industrial applications.

Potential exposures

Exposure to Sodium Selenite Pentahydrate can occur in industrial and manufacturing facilities during the handling of the chemical. Workers may be exposed through:

- Inhalation
- Skin contact
- Eye contact

Adherence to proper industrial hygiene practices and use of personal protective equipment (PPE) is essential to prevent or reduce exposure.

Human Health hazards

- Acute toxicity: Fatal if swallowed or inhaled.
- Skin and eye irritation: Causes skin irritation and serious eye irritation. May cause an allergic skin reaction.
- Other information: Not classified as a carcinogen by NTP, IARC, or OSHA.
- ACGIH has established Time Weighted Average of 0.2 mg/m³. NIOSH Recommended Exposure Limit is 0.2 mg/m³.

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.

Product Stewardship Summary

Environmental Health hazards

- Aquatic toxicity: Potentially toxic to aquatic life. Measures should be taken to prevent environmental contamination.
- Biodegradability: The biodegradability of inorganic substances like Sodium Selenite Pentahydrate is not applicable.
- Environmental precautions: Proper environmental control measures should be implemented to prevent further leakage or spillage.

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Solstice at PSCustomerCare@Solstice.com. Additional information can also be found on PubChem.

[Sodium Selenite Pentahydrate | H10Na2O8Se | CID 134930 - PubChem](#)

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