

Lead (II) nitrate

Product Stewardship Summary

Chemical Name:	Lead (II) nitrate
Synonyms:	Lead nitrate, Lead dinitrate, Plumbous nitrate
CAS Number:	10099-74-8
EC (EINECS) Number:	233-245-9
Revision number:	1-2026

- Chemical identification and uses:** Lead(II) nitrate is an odorless, inorganic, and off-white oxidizing solid that is used in various industries and laboratories. Some examples of these industries are pulp and paper processing, textile manufacturing, and photographic processing.
- Potential exposures:** Exposure to Lead(II) nitrate can occur in industrial/manufacturing facilities and/or during laboratory use where the compound is handled. Workers and laboratory personnel risk exposure primarily through inhalation, ingestion, and skin or eye contact. Good manufacturing and industrial hygiene practices should be followed to prevent contact. See the Safety Data Sheet (SDS) for additional information.
- Human Health hazards:** As a compound containing lead, Lead(II) nitrate is inherently toxic to humans. It is harmful if swallowed or if inhaled, causes serious eye damage, and may cause cancer, damage fertility or the unborn child, and damage to organs through prolonged or repeated exposure. The International Agency for Research on Cancer (IARC) classifies Lead(II) nitrate as a Group 2A carcinogen (probably carcinogenic to humans). One should refer to See the Safety Data Sheet (SDS) for additional information and any protective information.
- Environmental Health hazards:** Lead (II) nitrate is water-soluble and very toxic to aquatic life with long lasting effects. As such, it should be disposed of at an approved waste disposal plant. And if Lead(II) nitrate contaminates rivers and lakes or drains, respective authorities should be informed immediately.
- Please contact us at PSCustomerCare@Solstice.com for more information. Additional information may also be found at the following links:

[EPA - Lead\(II\) nitrate](#)

[Pubchem - Lead\(II\) nitrate](#)

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.