

# *Lead (IV) Acetate*

## *Product Stewardship Summary*

Chemical Name:	Lead (IV) Acetate
Synonyms:	Lead tetra-acetate; Lead (IV) tetra-acetate
CAS Number:	546-67-8
EC (EINECS) Number:	208-908-0
Revision number:	1-2026

- **Chemical identification and uses:** Lead (IV) acetate is an off-white crystalline solid that is soluble in nonpolar organic solvents. It is often used in synthetic chemistry as an oxidizing agent and is a versatile precursor for lead-containing compounds.
- **Potential exposures:** Exposure to Lead (IV) acetate can occur in industrial/manufacturing facilities and/or during use as a laboratory chemical. Exposure can occur via inhalation or dermal contact, causing irritation to the skin, eyes and respiratory tract. 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:** Lead (IV) acetate can be harmful if inhaled. It is classified as a reasonable carcinogenic to humans by NTP and is a confirmed animal carcinogen. It may also cause damage to fertility or the unborn child upon repeated exposure. 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. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
- Please contact us at [PSCustomerCare@Solstice.com](mailto:PSCustomerCare@Solstice.com) for more information. Additional information may also be found at the following links:

[EPA – Lead \(IV\) Acetate](#)

[PubChem--Lead \(IV\) Acetate](#)

*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.*