

Lead acetate-3-hydrate

Product Stewardship Summary

Chemical Name:	Lead acetate-3-hydrate
Synonyms:	Lead (II) acetate, trihydrate, acetic acid lead (II) salt, trihydrate, lead diacetate, Lead Sugar
CAS Number:	6080-56-4
EC (EINECS) Number:	612-031-2
Revision number:	1-2026

- **Chemical identification and uses:** Lead acetate trihydrate appears as white powder or white chunky solid with a slight odor. Lead acetate, trihydrate is used in the manufacturing of other lead salts, for dyeing and printing textiles in the textile industry, as a drying agent in the paint and varnish industry, and as a purification agent in chemical synthesis
- **Potential exposures:** Workplace exposures to lead acetate, trihydrate during its manufacture, and when used as a component for production of other chemicals, are expected to be minimal because it is contained in enclosed systems. Workplace exposure limits for lead (Pb) have been established for use in worksite safety programs. Please see the SDS for additional information
- **Human Health hazards:** Lead acetate, trihydrate is stable under normal conditions. However it can become unstable in the presence of excess heat, flame, ignition sources, or incompatible substances (e.g., bromates, phenol, chloral hydrate, sulfides, hydrogen peroxide, resorcinol, salicylic acid, sulfites, vegetable infusions, alkalis, tannin, phosphates, citrates, chlorides, carbonates, tartrates and acids). According to Globally Harmonized System for classification and labelling (GHS), lead acetate trihydrate is classified for carcinogenicity, reproductive toxicity and may damage the unborn child. Suspected of damaging fertility. It May cause toxicity or damage to specific organs through prolonged or repeated exposure. Please see the SDS for additional information on prevention and first aid measures.
- **Environmental Health hazards:** This material is very toxic to aquatic life with long lasting effects.
- Please contact us at PSCustomerCare@Solstice.com for more information. Additional information may also be found at the following links:

[EPA Lead acetate trihydrate](#)

[Pubchem Lead acetate trihydrate](#)

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.