

Product Stewardship Summary

Lead Acetate Basic

Chemical name	Lead acetate basic
Synonyms	Acetic acid, lead salt, basic
CAS Number	51404-69-4
EC (EINECS) Number	257-175-3
Revision Number	1-2026

Chemical identification and uses

Lead acetate basic is a white powder with a weak odor. It is used primarily in chemical-technical applications and laboratory settings.

Potential exposures

Exposure to lead acetate basic can occur in industrial and laboratory environments during handling and use. Workers may be exposed through inhalation, ingestion, skin, and eye contact. Adherence to strict safety guidelines and the use of appropriate personal protective equipment (PPE) are essential to prevent or reduce exposure.

Human Health hazards

Lead acetate is harmful if swallowed or inhaled. It can cause skin and eye irritation as well as eye damage. Prolonged exposure can cause damage to the central & peripheral nervous system, reproductive organs, blood, and kidneys. It may damage fertility or the unborn child and may harm breast-fed children. It is suspected of causing cancer and has been classified by IARC as Group 2A (probably carcinogenic to humans).

Environmental Health hazards

It is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. Prevent leakage or spillage from entering drains, surface water, or sanitary sewer systems. Implement proper environmental control measures to mitigate accidental releases.

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

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.

- [Pubchem -Lead \(II\) acetate basic](#)

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.