

# Lead (II) perchlorate-3-hydrate

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| <b>Chemical name</b>   | Lead (II) perchlorate-3-hydrate |
| <b>Synonyms</b>        | Lead diperchlorate trihydrate   |
| <b>CAS Number</b>      | 13453-62-8                      |
| <b>EINECS Number</b>   | -                               |
| <b>Revision Number</b> | 1-2026                          |

## Chemical identification and uses

Lead (II) perchlorate-3-hydrate is a crystalline, white, odorless powder primarily used in laboratory settings as a reagent and for research purposes.

## Potential exposures

Exposure can occur in laboratory and industrial settings, primarily through inhalation, ingestion, or skin contact. Ensuring proper ventilation and using personal protective equipment (PPE) can minimize exposure risks.

## Human Health hazards

Lead (II) perchlorate-3-hydrate can be harmful if swallowed or if inhaled. Prolonged or repeated exposure may cause damage to organs. It may damage fertility or the unborn child and is classified as a reproductive toxicant. It is not identified as a carcinogen by NTP, IARC, or OSHA.

## Environmental Health hazards

The methods for determining biodegradability are not applicable to inorganic substances. 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](mailto:PSCustomerCare@Solstice.com). Additional information can also be found on PubChem.

### [PubChem -Lead \(II\) perchlorate 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.*