

Mercury (II) nitrate monohydrate

Chemical Name:	Mercury (II) nitrate monohydrate
Synonyms:	Mercuric nitrate, Mercury dinitrate monohydrate
CAS Number:	7783-34-8
EC Number:	233-152-3
Revision Number:	1-2024

Chemical identification and uses

Mercury (II) nitrate monohydrate is a crystalline, white chemical primarily used in laboratory settings. It serves various functions in analytical chemistry and other scientific applications.

Potential exposures

Exposure to Mercury (II) nitrate monohydrate can occur in industrial and laboratory environments. Workers may be exposed through inhalation, skin or eye contact. Adherence to best practices in industrial hygiene and safety protocols is essential to minimize exposure.

Human Health hazards

It can cause severe irritation to the skin and eye upon exposure. May cause damage to organs through prolonged or repeated exposure. Mercury (II) nitrate monohydrate is not classified as a carcinogen by NTP, IARC, or OSHA.

Environmental Health hazards

The methods for determining biodegradability are not applicable to inorganic substances. To avoid discharge into the environment, precautions to prevent further leakage or spillage should be taken.

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.

Honeywell

Product Stewardship Summary

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Honeywell at ESSPSCustomerCare@Honeywell.com. Additional information can also be found on PubChem.

- [Pubchem -Mercury \(II\) nitrate monohydrate](#)

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.