

Mercury (II) iodide

Chemical Name:	Mercury (II) iodide
Synonyms:	Mercuric iodide
CAS Number:	7774-29-0
EC (EINECS) Number:	231-873-8
Revision Number:	1-2026

Chemical identification and uses

Mercury (II) iodide, also known as mercuric iodide, is a dark red, odorless powder. It is primarily used in laboratory settings for various chemical analyses and industrial applications.

Potential exposures

Exposure to Mercury (II) iodide can occur in manufacturing facilities and during the handling of the chemical. Workers may be exposed primarily through inhalation, skin, and eye contact. Adherence to good manufacturing and industrial hygiene practices is essential to prevent or reduce 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) iodide is not classified as a carcinogen by NTP, IARC, or OSHA.

Environmental Health hazards

Mercury (II) iodide is not expected to be toxic to aquatic life. The methods for determining biodegradability are not applicable to inorganic substances. Environmental precautions: Proper environmental control measures should be implemented to prevent further leakage or spillage.

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 -Mercury \(II\) iodide](#)

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