

Sodium Bromate Tox Summary

Chemical name	Sodium bromate
Synonyms	None
CAS Number	7789-38-0
EINECS Number	231-889-5
Revision Number	1-2026

Chemical identification and uses

Sodium bromate (NaBrO_3) is a colorless, crystalline powder primarily used in laboratory settings. It is an oxidizing agent and finds applications in analytical chemistry and various industrial processes.

Potential exposures

Exposure to sodium bromate can occur during its production, handling, and use in laboratories or industrial settings. Workers may be exposed primarily through:

- Inhalation of dust
- Skin contact
- Eye contact

Adherence to good manufacturing and industrial hygiene practices is essential to prevent or reduce exposure.

Human Health hazards

- Acute toxicity: Harmful if swallowed.
- Skin and eye irritation: Causes skin and serious eye irritation.
- Respiratory irritation: May cause respiratory irritation.
- Carcinogenicity: May cause cancer. Suspected of causing genetic defects.

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

Environmental Health hazards

- Aquatic toxicity: Not classified due to insufficient data.
- Biodegradability: Not applicable to inorganic substances.
- Environmental precautions: 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. Additional information can also be found on PubChem.

[Sodium bromate](#) | [NaBrO3](#) | [CID 23668195 - PubChem](#)

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