

# Potassium Bromate

## Product Stewardship Summary

Chemical Name:	Potassium Bromate
Synonyms:	Bromic acid; Potassium salt; Bromate
CAS Number:	7758-01-2
EC (EINECS) Number:	231-829-8
Revision number:	1-2026

- **Chemical identification and uses:** Potassium bromate is a white crystalline solid and strong oxidizing and flammable material. It is an oxidizing agent commonly used as a dough conditioner in the bread-making process, packaging material, food additive and as a malting agent for barley with conditional usage limits.
- **Potential exposures:** Exposure to potassium bromate can occur in industrial/manufacturing facilities and/or during consumer use. Exposure to potassium bromate can occur via inhalation, ingestion and/or skin contact. Good manufacturing and industrial hygiene practices should be followed to prevent or reduce contact. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** Potassium bromate can be toxic if swallowed and ingestion can cause nausea, vomiting, abdominal pain and diarrhea in some cases. Potassium bromate dust can be irritating to the mucous membranes of the upper respiratory tract. It is classified as a possibly carcinogenic to humans by IARC. One should refer to the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** It is not considered harmful to aquatic life and current methods for determining biodegradability cannot be applied to this substance.
- Please contact us at [PSCustomerCare@Solstice.com](mailto:PSCustomerCare@Solstice.com) for more information. Additional information may also be found at the following links:

[EPA – Potassium Bromate](#)

[PubChem--Potassium Bromate](#)

*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.*