

Boric Acid

Product Stewardship Summary

Chemical Name:	Boric Acid
Synonyms:	Borofax; Boron hydroxide, Orthroboric acid; Boracic acid
CAS Number:	10043-35-3
EC (EINECS) Number:	233-139-2
Revision number:	1-2022

- **Chemical identification and uses:** Boric acid is an odorless white solid with mild antiseptic, antifungal and antiviral properties. It has a variety of industrial uses. Boric acid is commonly used as an insecticide, flame retardant, weatherproofing agent, as well as an additive to dyes, enamels, and steel.
- **Potential exposures:** Exposure to boric acid is likely to occur in industrial/manufacturing or processing facilities. Boric acid can be absorbed into the body by inhalation of dust and by dermal absorption. 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:** Boric acid is generally cytotoxic to all cells, however, the exact mechanism of action is unknown. It may cause skin and eye irritation. It can cause damage to reproductive organs. No component of boric acid present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA. One should refer to See the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** Boric acid's production and use in a wide variety of consumer and commercial products and applications may result in its release to the environment through various waste streams. Due to insufficient data for classification, boric acid has not been classified as toxic to aquatic life.
- Please contact us at PMTPSCustomerCare@Honeywell.com for more information. Additional information may also be found at the following links:

[EPA – Boric acid](#)

[PubChem—Boric acid](#)



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.