



Safety Data Sheet Boric Acid

SECTION 1: Identification

1.1 Product identifier

Product name	Boric Acid
Product number	chem-38
Brand	Bulk Apothecary

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

General hazard statement

Not regarded as a health hazard under current legislation.

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Boric acid	
Concentration	100 % (weight)

Safety Data Sheet

Boric Acid

EC no. 233-139-2
CAS no. 10043-35-3
Index no. 005-007-00-2

- Toxic to reproduction, Cat. 1B

H360FD

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
If inhaled	Move affected person from exposure.
In case of skin contact	Causes mechanical irritation. Wash affected area with plenty of soap and water.
In case of eye contact	Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.
If swallowed	DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Obtain medical attention if adverse symptoms occur.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media suitable against surrounding fire or the cause of fire.

5.3 Special protective actions for fire-fighters

Fire fighters should wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Prevent contamination of soil, drains and surface water.

6.3 Methods and materials for containment and cleaning up

Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements.

SECTION 7: Handling and storage

Safety Data Sheet

Boric Acid

7.1 Precautions for safe handling

The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals.
Avoid creating or raising dust.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place, in securely closed original container.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Boric acid (CAS: 10043-35-3 EC: 233-139-2)

TWA: 2.000000

mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

STEL: 6.000000

mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

TWA: 2.000000

mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

TWA: 2.000000

mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

STEL: 6.000000

mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

STEL: 6.000000

mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

TWA: 2 mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

STEL: 6 mg/m³; USA (ACGIH)

Upper Respiratory Tract irritation. Not classifiable as a human carcinogen varies

8.2 Appropriate engineering controls

No specific OES assigned, however for dusts of any kind, ensure LTEL (8-hour TWA ref. period) level does not exceed 10 mg.m³ for total inhalable dust or 4 mg.m³ for respirable dust (or) as recommended in current edition of EH40.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use eye protection if eye contact is likely.

Skin protection

Use protective gloves.

Respiratory protection

Safety Data Sheet

Boric Acid

If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White crystalline powder or granules.
Odor	
Odor threshold	
pH	3.7
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use

10.5 Incompatible materials

Potassium, Acid anhydrides

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Repeated or prolonged contact may cause mild irritation and/or drying (defatting) of skin.

Serious eye damage/irritation

May cause transient eye irritation and discomfort. (mechanical irritation)

Respiratory or skin sensitization

High concentration of dust may cause transient irritation to the upper respiratory tract

SECTION 12: Ecological information

Toxicity

Safety Data Sheet

Boric Acid

Boron is an essential plant micronutrient, however in large quantities can be phytotoxic.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with the principles of Duty of Care observing local and national regulations.

SECTION 14: Transport information

DOT (US)

Not classified as hazardous for transport

IMDG

Not classified as hazardous for transport

IATA

Not classified as hazardous for transport

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

New Jersey Right To Know Components

Boric acid

CAS-No. 10043-35-3

Pennsylvania Right To Know Components

Boric acid

CAS-No. 10043-35-3

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

Safety Data Sheet

Boric Acid

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.