

# SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION

Products: Trophic Boron  
Product Use: Fertilizer for Agriculture

## SECTION 2 – HAZARDS IDENTIFICATION

Hazardous Ingredients: None

## SECTION 3 – COMPOSITION

Micronutrient fertilizer in water

## SECTION 4 – FIRST AID MEASURES

Eye contact: Flush with clean water  
Skin Contact: Wash with soap and water  
Ingestion: Consult a physician

## SECTION 5 – FIRE FIGHTING MEASURES

Hazard Level: Not flammable or combustible  
Flashpoint: None  
Upper flammable limit: N/A  
Lower flammable limit: N/A  
Auto ignition temperature: N/A  
Flammability classification: N/A  
Conditions of flammability: N/A  
Special fire fighting procedures: N/A  
Hazardous combustion products: N/A  
Shock sensitivity: Non-sensitive  
Static discharge sensitivity: Non-sensitive

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

In the event of spill or leaks, collect residue and dispose to solid waste or flush to sewer

## SECTION 7 – HANDLING AND STORAGE

Avoid temperatures above 120°F

## SECTION 8 – EXPOSURE / PERSONAL PROTECTION

Gloves: No special requirements but gloves are recommended to avoid drying of skin  
Respirator: No special requirements  
Eye protection: Safety glasses to avoid contact with eyes  
Footwear: No special requirements  
Clothing: No special requirements  
Other: No special requirements  
Engineering controls: Normal ventilation

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid  
Odor and Appearance: Clear liquid, no distinct odor  
Specific gravity (H<sub>2</sub>O = 1): 1.2  
pH: 7.5 ± 0.5  
Solubility in Water: Soluble

**Supplier:** Apical Crop Science LLC

Boiling point: 212°F (100°C)

Freezing point: 32°F (0°C)

Address: 1382 SE Third Ave #4, Canby, OR 97013

Telephone: 503-479-8407

## SECTION 10 – STABILITY AND REACTIVITY

Product stability: Stable  
Conditions of reactivity: None  
Incompatible substances: None, except when applied, agronomic principles must be observed  
Hazardous decomposition products: None

## SECTION 11 – TOXICOLOGICAL INFORMATION

Primary routes of exposure: Eye contact, ingestion, and skin contact  
Exposure limits: None  
Effects of acute exposure: Irritation  
Sensitizer: Not known to be a sensitizer  
Carcinogen: No  
Mutagen: Not known to be a mutagen  
Teratogen: Not known to be a teratogen

## SECTION 12 – ECOLOGICAL INFORMATION

Toxic to plants and animals unless used as directed. In the event of spill or leaks, collect and dispose of residue.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste to solid waste or to sewer

## SECTION 14 – TRANSPORT INFORMATION

Non-toxic, non-hazardous

## SECTION 15 – REGULATORY INFORMATION

Regulated as an agricultural input by state departments of agriculture

## SECTION 16 – OTHER INFORMATION

Information sources: Suppliers SDS's, OSHA, NIOSH, EPA  
Preparation date: Oct. 9, 2023  
Prepared by: David Knaus