



# Boric Acid

CAS No. 10043-35-3

Net Weight:

## 25 kg (55 lb)

### FOR APPLICATION AS FERTILIZER, FERTILIZER FORMULATIONS, MICRONUTRIENTS AND FOR BULK BLENDED FERTILIZERS

**Guaranteed Analysis:**

Boron (B).....17.4%  
Derived from: Boric acid

#### READ THE LABEL AND SDS BEFORE USE

**This product must not be accessed without authorization.  
Keep of out of reach of children.**

**Strictly not for use in food products and medicines.**

**Avoid contamination of food, feed, domestic or irrigation water supplies, lakes, streams and ponds.**

**Guaranteed By:** Etimine USA, Inc., 1 Penn Center West; Suite 400; Pittsburgh; PA 15276; USA  
Telephone: (412) 809-8215

**Manufactured By:** ETI MADEN MINES AND PRODUCTS, Turkey, Bahçekapı Mah. Fatih Sultan Mehmet Bulvarı No:179 Postcode:06377 Etimesgut / ANKARA, TURKEY, ISO 9001 and ISO 14001 COMPLIANT

**Emergency Number:** CHEMTREC: 1-800-262-8200 | (703) 741-5500 (US & Canada toll-free)

**Direction for Use:** This product can be used as a fertilizer, micronutrient, and component used for formulating fertilizers as a source for plant micronutrients. Boric Acid is compatible with most pesticides and fertilizers. However, if the desired combination has not been previously used, a compatibility test is recommended. Boric Acid is recommended for use on field, vegetable, fruit, and nut crops. It may be applied to either the soil or the foliage of growing crops. Because the function of boron and nitrogen are related in plant nutrition, applications of boric acid with nitrogen-containing fertilizers often enhances results. Foliar sprays of boric acid are intended to complement good soil fertility programs by supplying nutrients directly to the foliage of crops during critical growth stages. Therefore, split or frequent foliar applications of small doses are preferable to a single high dose foliar application. Thorough and uniform application coverage are necessary for best results and to prevent crop injury.

**CAUTION:** The use of this fertilizing material on any crop(s) other than those recommended may result in serious injury to the crops(s). This fertilizer should be used only as recommended. It may prove harmful when misused. May be harmful if swallowed. May cause reproductive harm or birth defects based on animal data. Avoid contamination of food, feed and water. Careless use or spillage can cause serious harm to plants or crops. Not for food or drug use. Practice good housekeeping. Refer to all sections of the SDS. Where airborne concentrations are expected to exceed exposure limits, NIOSH/MSHA certified respirators should be used. Eye goggles and gloves are required for normal industrial exposures.

**FORMULATORS AND REPACKAGERS USING THIS PRODUCT ARE RESPONSIBLE FOR OBTAINING REQUIRED REGISTRATIONS FOR THEIR PRODUCTS FOR THE APPLICABILITY OF THE HAZARD STATEMENT TO THEIR PRODUCTS**

**Mixing Directions:** Fill clean spray tank ½ full with clean water. Add Boric Acid, continue filling tank and thoroughly agitate to mix. Add pesticides and/or non-ionic spreaders after all water has been added. For dilute or concentrate sprays, add at 1-5 lb per acre. For aerial applications one may use up to 2lb per 5 gals of water. **Soil Applications:** Broadcast recommended dose is 1-10 lb per acre before planting and incorporate into root zone by tillage, drenching or irrigation. If surface banded or side-dressed, use proportionate amount of broadcast rate and incorporate into soil. **Foliar Applications:** Because boron deficiencies cause growing point disorders, Boric Acid should be applied in split applications at 1lb per acre at 10-14 day intervals. For fruiting crops, begin applications just before bloom and continue through fruit set. For forage crops, and leafy, stalk or root vegetables, begin applications when plants are 3"-4" in height. Thorough coverage and wetting are needed for optimum foliar spray results. Applications to actively growing plants produce the best results. Do not exceed 5lb of Boric Acid per foliar application. Do not apply when plants are suffering from moisture or heat stress. **Chemigation Applications (Drip or Overhead Sprinklers):** Apply the recommended amount of Boric Acid in multiple applications especially on sandy soils at 1-2 week intervals throughout the growing season. Timing and frequency of applications Application times, intervals and rates may vary according to individual crop requirements, stage of development, and overall nutritional status of crop. Boric acid should be applied when practical experience, visual observations, or tissue analysis indicate a need for boron. 6 lb of Boric Acid provides 1lb of Boron.

**Disposal:** Dispose unused products and containers in accordance with regulatory agencies. Do not contaminate water, food or feed by storage or disposal. For any cleanup of spillages contact regulatory agency, Water Board or Regional Office, and manufacturer for guidance.

**Storage:** Store in a cool and dry area away from food, feed, children and animals. Store this product away from heat and contacts with reducing agents.

For additional information call (412) 809-8215. (8AM-5PM EST, Monday-Friday). Use must be in accordance with the directions of the label. It is illegal to use this product in an irresponsible manner, which is not consistent with the directions of the label. This product should be used on the basis of a soil and/or tissue analysis. Users should seek the advice of an agricultural representative or a professional agricultural consultant.

**FIRST AID:** In case of emergency call the 24 hour emergency contact Chemtrec: 1-800-262-8200 or (703) 741-5500. Then if required Etimine USA at (412) 809-8215.

**If swallowed:** Call a physician or poison control center, and CALL 911 FOR EMERGENCY. Do not induce vomiting.

**If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**To Physicians:** Treat symptomatically and supportively.