MATERIAL SAFETY DATA SHEET

MSDS Number 428000RV

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: BORID POWDER ALL SIZES - EPA REGISTRATION # 9444-129

Manufactured by: Waterbury Companies, Inc.
P.O. Box 640
Independence, LA 70443

24-Hour Emergency Contact:
800-424-9300 or 703-527-3887
(CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen)

Component	CAS#	OSHA PEL	ACGIH TLV	Other Limits	% by wt.
Orthoboric Acid (Boric Acid)	10043-35-3	N.E.	N.E.	N.E.	99
Tricalcium Phosphate-Foodgrade	7758-87-4				<5

3. HAZARDS IDENTIFICATION

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read label. Application of this product in the food area of food handling establishments other than as a crack and crevice treatment are not permitted.

Potential Health Effects:

Routes of Entry: Inhalation: Yes Ingestion: Yes Skin: Yes

Health Hazards: Large amounts absorbed into blood stream from ingestion or through damaged skin may result in erythema, macular rash, nausea, diarrhea, dizziness, depression, CNS effects after 24 hours, through broken skin or 36-72 hours from ingestion. May cause slight irritation to broken skin. Animal studies have shown that ingestion of large amounts of Borates over prolonged periods of time causes a decrease in sperm production and testicle size in male laboratory animals and developmental effects in fetuses of pregnant female laboratory animals. No evidence of such effects in humans.

Signs/symptoms of overexposure: INGESTION: Acute oral LD50 (rats) 3.16 g/Kg. May cause nausea, vomiting, diarrhea in doses >15gms. EYES: May cause slight, reversible conjunctivitis. SKIN: May cause slight irritation on damaged skin. Acute dermal LD50 > 2g/Kg (rabbits) INHALATION: Nuisance dust. May cause transitory sneezing and coughing.

Medical conditions aggravated by exposure: None known.

NFPA Hazard Ratings **Fire:** 0 **Health:** 1 **Reactivity:** 0

NFPA 704 Ratings are subject to interpretation and are only intended for general identification of the level of the specific hazard. All information must be considered for proper safe handling of the material.

4. FIRST AID MEASURES

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists. NOTE TO PHYSICIAN: After ingestion or absorption into the bloodstream of large amounts (> 15gms.), symptoms may appear in 24-72 hours. Borates are readily dissipated through the urine (70% in the first 24 hours).

5. FIRE FIGHTING MEASURES

Extinguishing Media: N/A

Fire Fighting Procedures: None Required.

Unusual Fire and Explosion Hazards: None Known - Product is an inherent fire retardant.

6. ACCIDENTAL RELEASE MEASURES

Sweep or vacuum. Flush area with water.

7. HANDLING AND STORAGE

No powder should be visible in living areas after application. Any powder visible after application must be brushed into cracks and crevices or removed. Apply only in areas inaccessible to children and pets. Avoid contamination of feed and foodstuffs. Do not use in serving areas when food is exposed. Do not use in edible product areas. Apply approximately 1 pound for every 1,000 square feet of living space.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves: Not required - avoid contact with skin.

Eye Protection: Not required - avoid contact with eyes.

Respiratory Protection: N/A

Ventilation: *Local:* Not required.
Mechanical: Not required.

Other protective equipment: Safety glasses to avoid possible contact with eyes is recommended.

Protective Work/Hygiene Practices: Follow label instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity (H2O=1): N/A *Flashpoint:* Not applicable. *LEL:* N/A
Vapor Pressure (mm Hg): N/A *Boiling Point:* N/A *Melting Point:* 340 deg. F *UEL:* N/A
Solubility: 4.7% @68 degrees F. *Appearance/Odor:* Light blue odorless powder.

10. STABILITY AND REACTIVITY

Conditions to Avoid: Contact with acetic anhydride or elemental potassium.

Incompatible Materials: Acetic anhydride, elemental potassium.

Hazardous Decomposition By-products: None known.

Hazardous Polymerization Conditions: None known.

11. TOXICOLOGICAL INFORMATION

This product contains no chemicals that are listed on the NTP, IARC, or OSHA carcinogen lists. Any further information on the toxicology of the material can be obtained by contacting the manufacturer.

12. ECOLOGICAL INFORMATION

Please call the manufacturer for questions concerning the ecological effects of this product and it's constituents.

13. DISPOSAL CONSIDERATIONS

Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.

14. TRANSPORT INFORMATION

	Status	*Shipping Name*	*Class*	*ID Numbe*	*Packing Gr*
DOT (USA):	Not Regulated	Sodium Borate	N/A	N/A	N/A
IATA (Air):	Not Regulated	N/A	N/A	N/A	N/A
IMDG (Vessel):	N/A	N/A	N/A	N/A	N/A

National Motor Freight Classification and LTL Class: 43520 - CLASS 55

15. REGULATORY INFORMATION

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F2 Substance

SARA Title III Section 312: When completing Tier II reports, the following information should be used.

Note: See state and local regulations for specifics on reporting requirements for your facility.

This product should be described as: PURE: N MIXTURE: Y SOLID: Y LIQUID: N GAS: N

Physical Hazards: FIRE: N PRESSURE: N REACTIVITY: N *Health Hazards:* IMMEDIATE: Y DELAYED: N

16. OTHER INFORMATION

Product Sales Information: 800-845-3495

MSDS Information: 985-878-6751

Revision Notes: MSDS revised to comply with ANSI Z400.1-1998 16-Section MSDS format.

N/A = Not Applicable *N.E. = Not Established*

MSDS Prepared by D.D.

This Information is provided in good faith, but no warranty, expressed or implied, is made. The manufacturer believes that it is accurate and to the best of its knowledge, and relates only to the specific material designated herein.