

Manufacturer: Rockwell Labs Ltd tel: 866 788 4101 EPA Est. No.: 73079-MO-1 Date: July 2006
1512 Taney St. fax: 816 283 3173 Prepared By: CWS
North Kansas City, MO 64116 USA emergency: 800 858 7378

Product Trade Name: BorActin Insecticide Powder Common Name: boric acid insecticide powder
Use: Powder for control of crawling insects EPA Reg. No.: 73079-4
Composition: The product is composed of orthoboric acid, anti-caking agent and dye.

SECTION I - INGREDIENT INFORMATION

Orthoboric acid (boric acid) - 99.0% CAS # 10043-35-3

SECTION II - PHYSICAL PROPERTIES

Form: Powder Solubility: 4.7% in water at 20 °C Viscosity: N/A
Color: pale blue % Volatiles by Volume (25 °C): ca. 0% pH: 5.1 at 1.0% in water, 22 °C
Odor: none Vapor Pressure: N/A
Specific Gravity: 0.71 at 22 °C Vapor Density: N/A
Evaporation Rate: N/A Water Reactivity: N/A

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Non-flammable solid. Flash Point (Test Method): N/A Flammable Limit: N/A Auto Ignition Temp.: N/A
Extinguishing Media: Any extinguishing media appropriate to surrounding materials
Special Fire Fighting Procedures and Personnel Protection: Use appropriate fire-fighting procedures for surrounding materials. Keep fire-exposed containers cool with water spray. Wear positive pressure self-contained breathing apparatus approved by MSHA/NIOSH.
Unusual Fire and Explosion Hazards: None - Boric acid itself is a flame-retardant.

SECTION IV - HEALTH HAZARD DATA

The product is considered practically non-toxic via the oral, dermal or inhalation routes and not considered dermally irritating or sensitizing. The product may cause eye irritation. Avoid dust contact with eyes. Excessive breathing of dust may cause irritation of nose and throat.
Primary Route(s) of Entry: inhalation, ingestion
Signs and Symptoms of Over-Exposure: Consumption of more than a teaspoon. could cause gastro-intestinal symptoms.
Acute and/or Chronic Effects: Product is minimally-toxic if ingested, though deliberate ingestion of quantities could cause digestive disturbance.
Emergency and First Aid Procedures:
If in Eyes: Flush with water for at least 15 minutes and contact a physician if any persistent irritation results.
If Swallowed: If more than a teaspoon is ingested, give two glasses of water and induce vomiting if conscious, and seek medical attention.
If on Skin: Wash with soap and water. Non-irritating to intact skin.
If Breathed: Remove to fresh air and seek medical attention if warranted or if any irritation persists.

SECTION V - PERSONAL PROTECTION MEASURES

Respirator Type: Dust mask recommended when applying with a power duster Eye Protection: Goggles recommended when applying with a power duster
Gloves: Not required Ventilation: Use a dust mask if applying in close, unventilated areas or when applying with a power duster
Other Protective Measures: In very windy conditions, goggles and a dust mask are recommended

SECTION VI - REACTIVITY DATA

Stability Under Normal Conditions: Stable Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur Conditions to Avoid: Excessive heat; excessive moisture may cause caking
Incompatibility (Materials to Avoid): Reacts as a weak acid, which may cause corrosion of base metals

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in the Event Material is Spilled or Released:
Small Spill: Sweep up and dispose of in proper container.
Large Spill: Shovel spilled product into proper disposal container. Clean the area with detergent and water.
Waste Disposal Procedures: Wastes resulting from use may be disposed of on site or at an approved waste disposal facility. Dispose of wastes in accordance with all Federal, State and Local laws. Large amounts released into the environment can be toxic to plants.

SECTION VIII - STORAGE AND HANDLING PRECAUTIONS

Storage Temperature: Room temperature. Average Shelf Life: Three years or more in original container.
Special Sensitivity (Heat, Light, Moisture): Avoid prolonged exposure to excessive humidity. Keep moisture out of product.
Special Precautions to be Taken in Handling and Storage: Store in original container away from excessive heat or moisture and out of reach of children, pets or wildlife. Product is toxic to plants in large quantities, releases to the environment should be minimized.

SECTION IX - SHIPPING INFORMATION

DOT Shipping Name: None required DOT Hazard Classification: Non-Hazardous
DOT Labels Required: None required Freight Classification: LTL Class 60

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