

## Material Safety Data Sheet – BorActin™ Insecticide Powder

### Section 1: Identification:

Manufacturer: Rockwell Labs Ltd  
1257 Bedford Ave., N Kansas City, MO 64116

Product Name: **BorActin™ Insecticide Powder**  
Revised By: TJF 12/11  
Telephone: 866 788 4101      Emergency: 800 858 7378

### Section 2: Hazardous Ingredients:

(Per 29 CFR 1910.1200)

Material:	CAS No.	%	TWA	STEL
None	N/A			

**Section 3: Composition Information:** Contains boric acid (99%) and food-grade additives.

**Section 4: First Aid Measures:** Skin Contact: Remove contaminated clothing and wash with soap and water. For any persistent irritation, contact a physician. Ingestion: If more than a small spoonful is ingested, contact a physician or poison control center. If person is conscious, give two glasses of water and induce vomiting. Eye Contact: Flush with water for 15 minutes. For any persistent irritation, contact a physician.

**Section 5: Fire Fighting Measures:** Extinguishing Media: Carbon dioxide dry powder or foam; Flash Point: N/A; Flame Extension: N/A; Auto Ignition: N/A; Self contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Flammability limits in air, % by vol: N/A. Unusual fire or explosion hazards: none known; Other Information: Boric acid itself is a flame retardant.

**Section 6: Accidental Release Measures:** Sweep up spilled material and dispose of in proper container. For large spills, shovel product into proper disposal containers and clean area with detergent and water. Contact your local solid waste agency for additional disposal procedures.

**Section 7: Handling and Storage:** Store in closed containers, at room temperature and away from excessive heat and moisture. Store out of reach of children, pets, or wildlife. Do not contaminate, food or feed stuffs.

**Section 8: Exposure / Personal Protection:** Wash hands thoroughly after use. Rubber gloves are recommended, as with all chemicals. Ventilation: not required; Respirator: not required, dust mask recommended for extremely confined spaces.; Eye protection: not required

**Section 9: Physical and Chemical Properties:** Vapor Pressure: N/A; Vapor Density: N/A; pH: 5.1 @ 1% in water, 22 °C; Viscosity: N/A; Percent Volatiles by Volume: ca. 0%; Appearance: pale blue powder; Odor: none; Specific Gravity: 0.71 @ 22 °C; Solubility: 4.7% in water at 20 °C; Evaporation Rate: N/A

**Section 10: Stability and Reactivity:** Stability: stable; Material Incompatibility: Reaction with strong reducing agents, such as metal hydrides or alkali metals will generate hydrogen gas, which could create an explosive hazard. May cause corrosion of weak bases; Hazardous Polymerization: will not occur; Hazardous Decomposition Products: products of combustion are principally CO, CO<sub>2</sub>, and water.

**Section 11: Toxicological Information:** Eye Contact: may cause temporary discomfort or irritation; Skin Contact: may cause mild irritation; Inhalation: no known effects; Systemic/Other Effects: not known; Ingestion: Amount transferred to mouth by fingers, etc during normal use may not cause injury. Over-consumption may cause gastro-intestinal symptoms. Carcinogenicity: NTP –not listed; IARC Monographs – not listed; OSHA - not listed; AGIH – not listed.

**Section 12: Ecological Information:** Do not apply directly to water or to areas where surface water is present. Do not contaminate water when disposing of product. Product is toxic to plants in large quantities; releases to the environment should be minimized.

**Section 13: Disposal Considerations:** Empty containers may be discarded in trash. Contact your local solid-waste agency for disposal of unused product.

**Section 14: Transport Information:** DOT Shipping Name: None required; DOT Hazard Class (49 CFR 172.101): non-hazardous; DOT Labels: not required; Freight classification: LTL Class 60

**Section 15: Regulatory Information:** EPA Reg. No. : 73079-4; This product contains no substances regulated by CERCLA or SARA Title III Section 313, Section 302, or Section 311/312.

**Section 16: Other Information:** Warranty: The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Rockwell Labs Ltd provides no warranties, express or implied, and assumes no responsibility for the accuracy and completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all data relevant to their particular use.