

# MATERIAL SAFETY DATA SHEET

IDENTITY: **JTEATON® PRESENTS DR. MOSS'S LIQUID BAIT SYSTEM** HMIS Rating: Health 1\*  
Flammability 0  
Reactivity 0  
\* Chronic Effects

EPA Registration No.: 56-72  
Active Ingredient Chemical Name: Boric Acid  
Chemical Family: Inorganic Borates

## SECTION I

Manufacturer's Name: J.T. Eaton & Company, Inc. Emergency Telephone Number: National Pesticide Telecommunications Network at 800-858-7378

Address: 1393 East Highland Road Telephone Number for Information: 9 AM to 5 PM ESTD - 330-425-7801  
Twinsburg, Ohio 44087 USA

Prepared By: Bart Baker Date Prepared: June 26, 1998

## SECTION II - Hazardous ingredients/Identity Information

Hazardous Components ( <i>Specific Chemical Identity: Common Name(s)</i> ): (optional)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Boric Acid CAS No. 10043-35-3	N/A	N/A	N/A	

## SECTION III - Physical/Chemical Characteristics

Boiling Point: 212 F Specific Gravity ( $H_2O = 1$ ): Greater than 1 Molecular weight: N/A

Vapor Pressure (*mm Hg.*): As water. Melting Point: N/A

Vapor Density (*AIR = 1*): As water. Evaporation Rate (*Butyl Acetate = 1*): As water.

Solubility in Water: 100% % Volatile: N/A

Appearance and Odor: Blue odorless transparent liquid.

## SECTION IV - Fire and Explosion Hazard Information

Flash Point (*Method Used*) - None Flammable Limits - None LEL - N/A UEL - N/A

Extinguishing Media: In case of fire use: Any fire extinguishing media may be used on nearby fires.

Special Fire Fighting Procedures: The product is itself a flame retardant. Unusual Fire and Explosion Hazards: None

## Section V - Reactivity Data

Stability: Yes Incompatibility: Boric Acid reacts as a weak acid and may cause corrosion of metals. Reaction with strong reducing agents, such as metal hydrides or alkali metals, will generate hydrogen gas, which could create an explosive hazard.

Hazardous Decomposition Products (*from burning, heating, or reaction with other materials*): None

Hazardous Polymerization: Will not occur. Conditions to Avoid: Alkalies

## SECTION VI - Health Hazard Data

Route(s) of Entry: Inhalation? - No Skin? - Yes Ingestion? - Yes

Signs and Symptoms of Exposure: Symptoms of accidental over-exposure to Boric Acid have been associated with ingestion or absorption through large areas of damaged skin. These may include nausea, vomiting and diarrhea, with delayed effects of skin redness and peeling.

Health Hazards: Ingestion: Products containing Boric Acid are not intended for ingestion. Boric Acid has a low acute toxicity. (Acute and Chronic) amounts (e.g., a teaspoonful) swallowed accidentally are not likely to cause effects; swallowing amounts larger than that may cause gastrointestinal symptoms.  
Inhalation: N/A

Health Hazards: Skin irritation: Boric Acid may be absorbed through damaged skin.  
(Acute and Chronic) Eye irritation: Boric Acid may cause eye irritation.  
Reproductive/developmental: Animal ingestion studies in several species, at high doses, indicate that borates cause reproductive and developmental effects. A human study of occupational exposure to borate dust showed no adverse effect on reproduction.  
Target organs: No target organ has been identified in humans. High dose animal ingestion studies indicate the testes are the target organs in male animals.

Carcinogenicity - Boric Acid is not a known carcinogen. NTP? - No IARC Monographs? - No OSHA Regulated? - Yes

Medical Conditions Generally Aggravated by Exposure: None.

Emergency First Aid Procedures: Eyes: Use eye wash fountain or fresh water to cleanse eye. If irritation persists seek medical attention.

Skin: Wash thoroughly with soap and water. If irritation persists seek medical attention.

Inhalation: N/A

Ingestion: 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.

### **SECTION VII - Precautions for Safe Handling and Disposal**

Steps to Be Taken in Case Material is Released or Spilled: Absorb product with sand or dilute with large amounts of water into sanitary sewer.

Waste Disposal Method: Small quantities of Boric Acid can usually be disposed of at landfill sites. No special disposal treatment is required, but local authorities should be consulted about any specific local requirements. Tonnage quantities of product are not recommended to be sent to landfills. Such product should, if possible, be used for an appropriate application.

Precautions to Be Taken in Handling and Storing: Keep from freezing.

### **SECTION VIII - Control Measures**

Respiratory Protection (*Specify Type*): N/A

Ventilation: Local Exhaust? - No Special? - No Mechanical (General)? - No Other? - No

Protective Gloves and Eye Protection: Eye goggles and gloves are not required for normal industrial exposures.

### **SECTION IX - California Addendum (Proposition 65) Safe Drinking Water and Toxic Enforcement Act of 1986**

The following specific warnings are hereby given relative to substances that the State of California has identified as carcinogens and/or reproductive hazards Under Proposition 65: WARNING: None WARNING: None

### **SECTION X - SARA Title III Hazard Category**

For Reporting Under Sections 311 & 312

Immediate - No Delayed - No Fire - No Reactive - No Sudden Release of Pressure - No

### **SECTION XI - Shipping Information**

D.O.T. Hazard Classification: Not D.O.T. Regulated.

Bill of Lading Description: Insecticide ITEM 102120 CLASS 60

All Information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Material Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee expressed or implied is made by J.T. Eaton & Co., Inc. as to the results to be obtained based upon your use of the information nor does J.T. Eaton & Co., Inc., assume any liability arising out of your use of the information.