

# Material Safety Data Sheet

**Produce Name:** Mosquito Dunks

**Date Prepared:** September 1, 2005

**Chemical Identity:** Natural biotic product—*Bacillus thuringiensis* Berliner var. *israelensis*

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## **Section I – Manufactured by Summit Chemical Co. for:**

Plant Health Care, Inc.  
440 William Pitt Way  
Pittsburgh, PA 15238

**Emergency Phone #:** 800-421-9051  
**Phone # for Information:** 412-826-5488

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## **Section II -- Hazardous Ingredients/Identity Information**

### **Hazardous Components**

### **OSHA PEL**

### **ACGIH TLV**

No hazardous or toxic components as defined by law; contains harmless bacteria with insecticidal properties.

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## **Section III -- Physical/Chemical Characteristics**

**Boiling Point:** NA

**Specific Gravity:** NA

**Vapor Pressure:** NA

**Melting Point:** >200 F

**Vapor Density:** NA

**Evaporation Rate:** NA

**Solubility in Water:** Mostly insoluble

**Appearance and Odor:** Light brown discs with a central hole. No odor.

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## **Section IV -- Fire and Explosion Hazard Data**

**Flash Point:** None

**Flammable Limits; LEL:** No Data; **UEL:** No Data

**Extinguishing Media:** Any ordinary extinguishing media, including water.

**Special Fire Fighting Procedures:** No special procedures.

**Unusual Fire and Explosion Hazards:** None

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## **Section V -- Reactivity Data**

**Stability:** Chemically stable

**Conditions to Avoid:** Protect from moisture during storage to prevent decay.

**Incompatibility (Materials to avoid):** Alkaline conditions above pH 9 may denature the product.

**Hazardous Decomposition or Byproducts:** Burning may release noxious fumes associated with any type A fire: Smoke, gases, etc.

**Hazardous Polymerization:** Will Not Occur.

## MSDS—Mosquito Dunks

### *Section VI -- Health Hazard Data*

**Route(s) of Entry:** Inhalation--No Skin—Broken Skin Ingestion--No

**Health Hazards (Acute and Chronic):**

Acute: Allergic reactions possible but not common. Open wounds could theoretically become infected for individuals with weakened or compromised immune systems, such as persons with AIDS, undergoing chemotherapy, or taking anti-rejection drugs.

Chronic: None Known.

**Carcinogenicity:** No

**Signs and Symptoms of Exposure:** If allergic, redness of skin with itching may occur with repeated exposures to skin. Infections of open wounds are unlikely, but might display pain, swelling, redness, itching, and pus. If eye contact occurs, possible redness itching and irritation, especially in sensitive individuals.

**Medical Conditions Generally Aggravated by Exposure:** Persons with compromised immune systems, such as those with advanced AIDS, or taking antirejection drugs, or undergoing chemotherapy, should contact their physician before handling bacterial products.

**Emergency and First Aid Procedures:** Wash affected area with soap and water. Apply an over-the-counter antiseptic. See physician if infection or irritation develops on skin or in eyes.

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### *Section VII -- Precautions for Safe Handling and Use*

**Steps to be Taken in Case Material is Released or Spilled:** Sweep up product and use as directed. If spilled inside living quarters, clean area with a commercial disinfectant as a precaution. (Note: The bacteria in this product are not associated with disease.)

**Waste Disposal Method:** Use as directed. Follow all governing regulations. There are no toxic or hazardous ingredients which could adversely affect a municipal landfill.

**Precautions to be Taken When Handling Material:** Wash hands after handling. Gloves are suggested. Keep out of eyes.

**Other Precautions:** Do not store with food.

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### *Section VIII -- Control Measures*

**Respiratory Protection:** None needed.

**Ventilation:** None needed.

**Protective Gloves:** Any kind, nonporous preferred.

**Eye Protection:** None

**Other Protective Clothing or Equipment:** None.

**Work/Hygienic Practices:** Wash hands after handling. If spilled on clothes, wash as usual.