



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
 BIO-ECO INSECTICIDE

**USE/DESCRIPTION**  
 Bio-based Insect Spray

**REVISION DATE**  
 February 10, 2012

#### HMIS III HEALTH (0 = Maximum Safety)

**0**

Always follow Label Directions and Cautions.

|           |            |
|-----------|------------|
| * Chronic | 2 Moderate |
| 4 Severe  | 1 Slight   |
| 3 Serious | 0 Minimal  |

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety)

**0**

Susceptible to Release of Energy.

|  |  |
|--|--|
| 4 May detonate-vacate area if materials are exposed to fire.                               | 2 Violent chemical change possible-use hose stream from distance |
| 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. | 1 Unstable if heated-use precaution.                             |
|  | 0 Normally stable.   |

#### FLAMMABILITY (0 = Maximum Safety)

**1**

Susceptibility of Material to Burning.

|                                   |                              |
|-----------------------------------|------------------------------|
| 4 Extremely flammable             | 1 Must be preheated to burn. |
| 3 Ignites at normal temperature.  | 0 Will not burn.             |
| 2 Ignites when moderately heated. |                              |

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause slight irritation.

**Skin:** Prolonged or repeated contact may cause irritation.

**Inhalation:** No evidence of adverse effects from available information.

**Ingestion:** Exposure by ingestion is an unlikely route but if ingested may cause irritation of the digestive tract.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. If symptoms develop, call a physician.

**Skin:** Wash with soap and plenty of water. If irritation persists, call a physician or poison center.

**Inhalation:** Not likely an issue. If symptoms are experienced, move person to well-ventilated area. If irritation continues call a physician or poison center.

**Ingestion:** Drink several glasses of water, do not induce vomiting. See a physician if symptoms persist.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** 175°F/79.5°C **Explosive Limits:** Lower (LEL): NA Upper (UEL): NA

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon monoxide and carbon dioxide.

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Water Fog, Carbon dioxide, Dry chemical, Foam, Water.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Closed containers exposed to fire may be cooled with water.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Eliminate sources of ignition. Absorb any liquid spills with an inert absorbent material (e.g. kitty litter, sand, vermiculite). Sweep up and collect in drums for disposal. Clean contaminated area with soap and water.

**Large Spills:** Eliminate sources of ignition. Absorb any liquid spills with an inert absorbent material (e.g. kitty litter, sand, vermiculite). Sweep up and collect in drums for disposal. Clean contaminated area with soap and water.

## 7. HANDLING AND STORAGE

Keep this product in a properly labeled, tightly closed container. Store in a cool, dry, well-ventilated area away from oxidizers. Remove contaminated clothing and wash thoroughly with soap and water before reusing. Wash hands and face with soap and water after using this product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Normally not required.

**Skin:** Normally not required.

**Respiratory:** None required.

**Engineering Controls:** Ventilation normally not required and local exhaust is usually adequate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** NA

**Specific Gravity:** NA

**Vapor Pressure:** ND

**Melting Point:** ND

**Vapor Density:** ND

**Evaporation Rate:** NA

**Solubility in Water:** Insoluble

**pH:** NA

**Appearance and Odor:** Light amber liquid with peppermint scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated as in a fire, this product may produce carbon monoxide and carbon dioxide.

**Chemical Stability:** Stable

**Incompatibility:** Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request.

**TDG:** Available upon request.

**UN:** Available upon request.

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** Not Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

### WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.