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**MATERIAL SAFETY DATA SHEET**


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**1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION****CHEMICAL PRODUCT:**

General Use: Biting insect attractant  
 Common Name: The Dragonfly<sup>®</sup> Octenol Lure

**COMPANY IDENTIFICATION:**

BioSensory, Inc.  
 107 Providence Street  
 Putnam, CT 06260  
 USA

**MANUFACTURER:**

BioSensory, Inc.  
 107 Providence Street  
 Putnam, CT 06260  
 USA

**EMERGENCY TELEPHONE NUMBER:**

PROSAR: 1-800-498 5923 (U.S. & Canada)  
 PROSAR: +1 651 632 6784 (International)

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT	CAS No.	%	OSHA PEL	ACGIH TLV
1-Octen-3-ol	3391-86-4	25.00	N/E	N/E
Paraffin wax fume	8002-74-2	45.00	N/E	2 mg/m <sup>3</sup>
Beeswax	8012-89-3	11.25	N/E	N/E
1-Octadecenol	112-92-5	12.75	N/E	N/E
Microcrystalline wax 193/198	63231-60-7	6.00	N/E	N/E

N/E = not established

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**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** The 3 gram lure in plastic housing contains 1-octen-3-ol, which may be harmful if swallowed and may cause eye, skin and respiratory irritation. The lure contains 0.75 grams of 1-octen-3-ol per lure. Paraffin wax may cause skin, eye and respiratory irritation.

**POTENTIAL HEALTH EFFECTS**

**INHALATION:** Inhalation of 1-octen-3-ol and paraffin wax vapors can cause nasal and respiratory irritation.

**EYE CONTACT:** 1-octen-3-ol and paraffin wax can cause irritation.

### 3. HAZARDS IDENTIFICATION (CONTINUED)

SKIN CONTACT: 1-octen-3-ol and paraffin wax can cause irritation.

INGESTION: 1-octen-3-ol may be harmful if swallowed and may cause stomach upset.

CHRONIC: No known effects based on animal studies.

CARCINOGENICITY: The ingredients in this product are not listed by NTP, OSHA, or ACGIH as a carcinogen.

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### 4. EMERGENCY AND FIRST AID MEASURES

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician or poison control center.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water immediately. Get medical attention if irritation develops or call poison control center.

EYE CONTACT: In cases of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. If present, remove contact lenses after the first 5 minutes, then continue rinsing eyes. Call a physician or poison control center.

INGESTION: If swallowed, do not induce vomiting unless directed to do so by a physician. Call a physician or poison control center. Do not give anything by mouth to an unconscious person.

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### 5. FIRE-FIGHTING MEASURES AND EXPLOSION HAZARD DATA

FLASH POINT: 1-Octen-3-ol has a flash point = 142°F

AUTOIGNITION TEMPERATURE: Not determined

EXTINGUISHING MEDIA: Use water spray, fog or carbon dioxide.

SPECIAL FIRE-FIGHTING PROCEDURES: Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. If large numbers of units are involved, wear self-contained breathing apparatus.

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## 5. FIRE-FIGHTING MEASURES AND EXPLOSION HAZARD DATA (CONTINUED)

UNUSUAL FIRE and EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will produce oxides of carbon.

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## 6. ACCIDENTAL RELEASE MEASURES

GENERAL: Take all additional action necessary to prevent and remedy the adverse effects of the spill.

SPECIFIC: In case of spill, collect material immediately. Wipe residual material from surfaces with cloth. Do not wash residues into drains or other waterways.

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## 7. HANDLING and STORAGE

Avoid contact of areas under foil wrapper with skin and eyes. Wash hands before eating, drinking, chewing gum, using tobacco or using bathroom facilities.

Store the lure in a cool, dry place and out of reach of children until ready to use.

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## 8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Avoid contact with skin and eyes. Use only outdoors.

PERSONAL PROTECTION:

RESPIRATORY: Use with adequate ventilation to prevent inhalation of 1-octen-3-ol and paraffin wax vapor.

EYE: None required unless handling active ingredient in bulk form.

PROTECTIVE GLOVES: None required unless handling active ingredient in bulk form.

OTHER: Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.

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## 9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: wax impregnated lure  
VAPOR PRESSURE: Not determined  
BULK DENSITY: Not determined  
SOLUBILITY in water: Insoluble  
pH: Not determined

ODOR: fungal  
MELTING POINT: Not determined  
BOILING POINT: 175°F (octenol  
VAPOR DENSITY: Not determined  
VISCOSITY: Not determined

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## 10. STABILITY and REACTIVITY

STABILITY: Stable under normal recommended storage and handling conditions. (see section 7)

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Oxidizing materials.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Thermal decomposition will produce oxides of carbon.

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## 11. TOXICOLOGICAL DATA (for 1-octen-3-ol)

ACUTE ORAL: LD<sub>50</sub> = 340 mg/kg

ACUTE DERMAL: LD<sub>50</sub> = 3,300 mg/kg

ACUTE INHALATION: No data available.

SKIN IRRITATION: No data available.

EYE IRRITATION: No data available.

SENSITIZATION: No data available.

GENOTOXICITY: No data available.

TERATOGENICITY: No data available.

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## 12. ECOLOGICAL INFORMATION

FISH TOXICITY: No data available.

DAPHNIA MAGNATOXICITY: No data available.

BIOACCUMULATION: No data available.

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## 13. DISPOSAL CONSIDERATIONS

Dispose of the used attractant lure by wrapping it in several layers of newspaper and dispose in the trash.

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## 14. TRANSPORT INFORMATION (not meant to be all-inclusive)

D.O.T:	Land, air and sea
PROPER SHIPPING NAME:	Not regulated
HAZARD CLASS:	Not applicable
UN NUMBER:	Not applicable
PACKING GROUP:	Not applicable
LABEL REQUIRED:	Not applicable

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## 15. REGULATORY INFORMATION (not meant to be all-inclusive)

UNITED STATES

FIFRA (Federal Insecticide, Fungicide and Rodenticide Act): Regulated  
EPA Reg. No.: 70909-3

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## 16. OTHER INFORMATION

MSDS SUMMARY: MSDS written May 12, 2009  
CONTACT: BioSensory, Inc.  
TELEPHONE: 1-860-928-1113

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End of MSDS.