

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

CHEMICAL PRODUCT:

General Use: Biting insect inhibitor

Common Name: Conceal Candle

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: 11 651 632 6784 (International)

2. COMPOSITION, INFORMATION ON INGREDIENTS

The Conceal[®] Candle will contain one or more of the C.I. Solvent colorants listed below.

COMPONENT	CAS No.	%	OSHA PEL	ACGIH TLV	Canada PEL
Linalool	78-70-6	3.5	N/E	N/E	N/E
Paraffin wax	8002-74-2	93.5	N/E	2 mg/m3	2 mg/m3
Other waxes	confidential	2.0	N/E	N/E	N/E
C.I. Solvent Yellow 56	2481-94-9	<.001	N/E	N/E	N/E
C.I. Solvent Green	128-80-3	<.001	N/E	N/E	N/E
C.I. Solvent Orange	3118-97-6	<.001	N/E	N/E	N/E
C.I. Solvent Blue 35 DF	17354-14-2	<.001	N/E	N/E	N/E
C.I. Solvent Yellow 3	97-56-3	<.001	N/E	N/E	N/E
C.I. Solvent Black 7	8005-02-5	<.001	N/E	N/E	N/E
C.I. Solvent Black 3	4197-25-5	<.001	N/E	N/E	N/E
C.I. Solvent Red 27	1320-06-5	<.001	N/E	N/E	N/E
C.I. Solvent Black 5	11099-03-9	<.001	N/E	N/E	N/E

N/E = not established

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: The colored candle contains linalool, which may be harmful if swallowed or inhaled and may cause eye, skin and respiratory irritation, and paraffin wax, which may cause respiratory irritation if inhaled. Liquid wax may cause skin burns.

3. HAZARDS IDENTIFICATION (CONTINUED)

POTENTIAL HEALTH EFFECTS

INHALATION: Inhalation of linalool and paraffin wax vapors can cause nasal and respiratory irritation.

EYE CONTACT: Linalool can cause irritation.

SKIN CONTACT: Linalool can cause irritation and liquid paraffin wax can cause burns.

INGESTION: Linalool may be harmful if swallowed and may cause stomach upset.

CHRONIC: No known effects.

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

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, and 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.

5. FIRE-FIGHTING MEASURES AND EXPLOSION HAZARD DATA

FLASH POINT: Linalool flash point = 75°C; paraffin wax flash point = 198°C

AUTOIGNITION TEMPERATURE: Not determined

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

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

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.

UNUSUAL FIRE and EXPLOSION HAZARDS: None known.

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

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.

7. HANDLING and STORAGE

Wash hands before eating, drinking, chewing gum, using tobacco or using bathroom facilities.

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

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 linalool 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.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION (CONTINUED)

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

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: colored candle	ODOR: floral
VAPOR PRESSURE: Not determined	MELTING POINT: 68° C
BULK DENSITY: Not determined	BOILING POINT: Not available
SOLUBILITY in water: Insoluble	VAPOR DENSITY: Not determined
pH: Not determined	VISCOSITY: Not determined

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.

11. TOXICOLOGICAL DATA (for linalool and paraffin wax)

ACUTE ORAL: No data available.

ACUTE DERMAL: No data available.

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.

12. ECOLOGICAL INFORMATION

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FISH TOXICITY: No data available.

DAPHNIA MAGNATOXICITY: No data available.

BIOACCUMULATION: No data available.

13. DISPOSAL CONSIDERATIONS

Dispose of the used cartridge by wrapping it in several layers of newspaper and discard in the trash.

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

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

UNITED STATES

FIFRA (Federal Insecticide, Fungicide and Rodenticide Act): Regulated
EPA Reg. No.: 70909-2

Canada

None of the ingredients is found on the Ingredient Disclosure List of the Hazardous Substances Act.

16. OTHER INFORMATION

MSDS SUMMARY: MSDS written September 14, 2004
CONTACT: BioSensory, Inc.
TELEPHONE: 1-860-423-3009

BIOSENSORY, INC. WARRANTS THAT THE PRODUCT CONFORMS TO THE DESCRIPTION IN THIS MSDS AND IS REASONABLY FIT FOR THE PURPOSES SET FORTH ON THE LABEL AND MSDS, WHEN USED ACCORDING TO DIRECTIONS UNDER NORMAL USE CONDITIONS. NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY FOR A PARTICULAR PURPOSE, EXPRESSED OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT CONTRARY TO THE LABEL INSTRUCTIONS; THE BUYER ASSUMES THE RISK OF ANY SUCH USES.