

1: IDENTIFICATION

Chemical Name	E-11-Hexadecenyl Acetate + E-11 Hexadecenol	
Synonyms	Synthesized Leucinodes orbonalis Pheromone	Trade Name BIOSENS BRINJAL SHOOT BORER (BFSB) LURE
Uses	Brinjal Shoot Borer (BFSF) Lure for monitoring	Molecular Formula C ₁₈ H ₃₂ O ₂ + C ₁₆ H ₃₂ O
Manufacturer/ Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra	
Emergency Contact	9503095030	E-mail info@agrostar.in

2: COMPOSITION/INFORMATION OF INGREDIENTS
Lure:

Chemical Name	CAS #
E-11-Hexadecenyl Acetate a.i	56218-72-5
E-11 Hexadecenol a.i	61301-56-2

Product Description: The Pheromone dispenser is in the form of a Rubber Septa or a translucent polymer capsule in which the active ingredient material is filled in. Each individual Lure / Dispenser is placed into a metpet / aluminum foil pouch and sealed.

Materials of Construction: Silicon Rubber or UV Stabilized polymer

3: HAZARD IDENTIFICATION

Lures : No known hazardous materials used in this product.

Material of Construction : No known hazardous materials used in this product.

4: FIRST AID MEASURES

General : Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation : Move patients to fresh air. Keep the patients warm and at rest. Allow patients to rest. If person is not breathing, give artificial respiration, preferably mouth- to- mouth if possible. Immediately seek medical attention.

Ingestion : Rinse mouth with water. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. Seek medical attention immediately.

Skin Contact : In case of contact with product, immediately wash with plenty of water and soap. Remove and isolate contaminated clothing and shoes. Seek medical attention.

Eye Contact : Rinse immediately with plenty of water for several minutes with eyes wide open. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

Note to Physician : No specific antidote is available. Treat symptomatically

5: FIRE FIGHTING MEASURES

Extinguishing Media : Water fog or spray, foam, dry powder, carbon dioxide

Unsuitable Extinguishing Media: Heavy hose streams.

Specific Hazards : When burned the hazardous decomposition products that will result because of incomplete combustion include carbon monoxide and other unidentified products of hydrocarbon degradation.

Special Procedures : Use water spray to keep fire-exposed product cool. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Fight fire from protected location or maximum possible distance. Dike area to prevent water runoff.

Protection of Fire Fighters : If involved in fire, use air-supplied equipment. Do not breathe a fumes. Wear full protective equipment and NIOSH approved pressure demand, self contained breathing apparatus

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Not required

Environmental Precaution : Do not allow runoff to enter drains and public waters. Notify the authorities if product enters.

Methods for Cleaning-up : Product has spilled pick up mechanically. Place unpouched product in tightly sealed containers.

7: HANDLING & STORAGE

Store in sealed containers in a cool, dry place and away from open flames. To maintain product integrity protect from high temperatures. Keep container closed. Wash contaminated clothing before use. Wear protective equipment described above if exposure conditions warrant. Do not contaminate water sources, food or feed.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures : Ensure adequate general ventilation. Handle in accordance with good industrial hygiene and safety practice.

Personal Protection : Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

Respiratory Protection : Usually none required

Skin Protection : Wear appropriate working clothes to avoid skin contact. Wash clothing before reusing.

Hand Protection : None required but vinyl, latex or rubber gloves recommended for continuous handling.

Eye Protection : Usually none required.

Others : None under normal usage. Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

9:PHYSICAL/CHEMICAL PROPERTIES

Appearance: Rubber septum containing active ingredients.

Specific gravity @ 25 °C : No data available. **Solubility in water :** No data available.

Colour: Brick Red or Translucent White

Odour: No data available

Melting point [°C] : No data available

10:STABILITY & REACTIVITY

Stability : Stable under normal circumstances

Conditions to Avoid: Direct Sunlight, Extreme temperature

Hazardous Polymerization: No data available

Materials to Avoid : No data available

Hazardous Reaction : No data available

11: TOXICOLOGICAL INFORMATION

Use appropriate procedures to prevent direct contact with skin or eyes and prevent inhalation. No significant toxicity is expected

Effects of Overexposure: None Reported

12: ECOLOGICAL INFORMATION

No adverse effects have been reported.

Ecotoxicological effects of this product: No data available.

Chemical Fate Information : No data available.

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures : Used dispensers should be collected, wrapped in newspaper, and discarded with regular trash. Dispose of in accordance with local regulations for non-hazardous waste. Avoid contaminating water sources, food, or feed by improper storage or disposal.

14: TRANSPORT INFORMATION

The lure's active ingredients are natural insect sex pheromones in minute quantities (typically 3 mg per lure), not classified as dangerous goods by international transport regulations such as IATA (International Air Transport Association), IMDG (International Maritime Dangerous Goods), or DOT (Department of Transportation).

15: REGULATORY INFORMATION

The active ingredients are natural biochemicals (pheromones) that are species-specific and non-toxic to humans, animals, and non-target insects.

16: OTHER INFORMATION

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