



ULINK AGRITECH PRIVATE LIMITED

MATERIAL SAFETY DATA SHEET : BIOSENS DBM LURE

1: IDENTIFICATION

Chemical Name	Mixture- Straight Chain Lepidopteran Pheromones (SCLP)	Trade Name	BIOSENS DBM LURE
Synonyms	Diamondback Moth Lure (Plutella xylostella)	Molecular Formula	Not Applicable
Uses	For monitoring and controlling Diamondback Moth		
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

The following pheromone ingredients are loaded into a rubber septum.

Mixture- Straight Chain Lepidopteran Pheromones (SCLP)

Rubber Septa Substrate

3: HAZARD IDENTIFICATION

Classification of the Substance or Mixture:

HMIS Rating: Health – 1 Flammability – 1 Reactivity – 0 **DPD Classifications:** Xi

Other Hazards: None known

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. Immediately seek medical attention.

Ingestion: Rinse mouth with water. 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.

Most Important Symptoms and Effects, Both Acute and Delayed: Primarily Irritation

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

5: FIRE FIGHTING MEASURES

Extinguishing Media: Foam or carbon dioxide for small fires, water spray or foam for large fires.

Unsuitable Extinguishing Media: Heavy hose streams.

Specific Hazards: The essential breakdown products are carbon monoxide, carbon dioxide and water.

Protection of Fire Fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use standard fire fighting techniques.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid Contact with eyes, skin and clothes. Wear self contained breathing apparatus, rubber boots and heavy rubber gloves. Evacuate the area.

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

Methods for Cleaning-up: Securely wrap container or spilled material in several layers of newspaper and discard in trash.

7: HANDLING & STORAGE

Handling: General precautions to be taken with handling. Avoid contact with eyes, skin and clothes. Wash hands and other exposed areas with soap and water before and after handling the product. Good personal hygiene procedures must be practiced.

Storage: Store in cool, dry area out of direct sunlight. Keep storage container closed until ready to use. Keep away from food, feedstuffs, and domestic water supplies.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Exposure Limits: No personal exposure limits have been established for any of the components in this product. However, exposure limits may be defined by local regulations and must be observed.

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

Respiratory Protection: None required, if the room is well-ventilated. Use with local ventilation

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

Hand Protection: Not required. Compatible chemical resistant gloves such as vinyl, latex or rubber gloves recommended for prolonged handling.

Eye Protection: None required, but chemical goggles or shielded safety glasses are recommended.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Rubber septum containing active ingredients.

Odour: Powerful, waxy

Boiling Point [°C]: Not determined

Solubility at 20°C in Water: Insoluble

Density [g/cm3]: Not determined

Flammability (solid/gas): Not highly flammable

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances

Conditions to Avoid: Do not store near heat, spark or open flames.

Materials to Avoid: Acids, peroxides and other oxidizing agents

Reactivity: No special reactivities.

Hazardous Decomposition Products: Thermally decomposition products may include CO, CO₂, H₂O.

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: This product contains a straight chain lepidopteran pheromone, a class of pheromones with no expected risks to human health or non-target organisms

Routes of Entry: Skin (most likely), ingestion, inhalation

LD50, dermal: Not determined

LD50, inhalation: Not determined

LD50, oral: Not determined

Delayed, immediate, or chronic effects from Long/short term exposure: Not determined

Symptoms: May cause mild to moderate skin and eye irritation

12: ECOLOGICAL INFORMATION

Toxicity: The ecotoxicity of the active ingredient is not determined.

Results of PBT and vPvB Assessment: Not determined

Persistence in Degradability: Easily decompose to carbon monoxide, carbon dioxide and water

Bioaccumulative Potential: Not determined

Mobility in Soil: Not determined

Other Adverse Effects: None

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Do not contaminate drains, streams, rivers or waterways with the chemical or used container. Waste resulting from the use of this product may be disposed of onsite or at an approved disposal facility.

Contaminated Packaging: Do not reuse empty pouch. Discard pouch as according to all applicable local regulations.

14: TRANSPORT INFORMATION

UN no. : 3077

Proper Shipping Name: The product is not classified as hazardous material for both national and international transport by road or rail, by sea or air.

Land transport (ADR/RID): Class-9, Packaging group-III, Environmental hazards- None known

Sea transport (IMO/IMDG): Class-9, Packaging group-III, Environmental hazards- None known

Air transport (IATA / ICAO): Class-9, Packaging group-III, Environmental hazards- None known

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: The product is not transported in bulk tankers.

15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture: The product is classified and labelled in accordance with GHS and EC directives or respective national laws.

Hazard Symbol: GHS07

Hazard Statements: H315

Safety Phrases: S2, S13, S46, S20/S21, S24/S25,S26,S28,S36/S37

Chemical Safety Assessment: A chemical safety assessment has not been performed.

16: OTHER INFORMATION

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