



SAFETY DATA SHEET

HIRESIS Drugstore Beetle Pheromone Lure

Date: **November 2023**
Supersedes: May 203

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product name:	Drugstore Beetle Pheromone Lure (Lure for HIRESIS)		
Product use:	Sex pheromone lure for <i>Stegobium panaceum</i>		
Product form:	Circular disc that contains pheromone and is covered in a clear plastic wrap and attached to a paper backing IL-600		
Product no:			
Supplier:	Insects Limited Inc. 20376 Commerce Park Drive Westfield, Indiana, USA 46074 1-317-896-9300	Manufacturer:	Fuji Flavor Company, LTD. 3-5-8, Midorigaoka, Hsamura-shi, Tokyo, Japan 1 +81-42-555-5186
Emergency: Transportation - 800-424-9300; 703-527-3887 (CHEMTREC)		Medical: 800-225-3320 (PROSAR)	

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:		
Health	Environmental	Physical
No Health Hazards	Acute Toxicity: None Known Chronic Toxicity: None Known	No Physical Hazards

GHS Label:

No Hazard Symbol
No Signal Word
WHMIS Classification: Non Hazardous

Hazard Statements	Precautionary Statements
No Hazard Statements Apply	P102 Keep out of reach of children P302 + P352 If on skin, wash with water P305 + P351 If in eyes, rinse cautiously with water for several minutes.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS#	EINECS#	CONCENTRATION % BY WEIGHT
Disc*	25822-09-7 etc	None	< 45%
Polyethylene*	9002-88-4	None	< 25%
Paper*	N/A	None	< 25%
Stegobiene* <small>(2S,3R)-2,3,5-trimethyl-6-[(Z)-pent-2-en-2-yl]-2,3-dihydropryan-4-one</small>	954111-25-2	None	< 5%
* - Voluntary disclosure			

SECTION 4 - FIRST AID MEASURES

Contact with eyes:	Rinse eyes cautiously with water for several minutes
Skin contact:	Wash with soap and water
Ingestion:	Rinse mouth out with water. Do Not induce vomiting. Do Not give baking soda.

SECTION 5 - FIREFIGHTING MEASURES

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media:	Do not use heavy water stream

SECTION 6 - ACCIDENTAL RELEASE MEASURES

In case of Spill:	Use absorbent material to collect and contain for disposal
Protective Equipment for cleanup:	Wear water proof gloves; Safety glasses or goggles are recommended during cleanup.
Environmental Precaution:	Do not contaminate water, food or feed by storage or disposal of wastes.

SECTION 7 - HANDLING AND STORAGE

Safe Handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking or leaving work; Non-toxic, but <u>not sterile</u> .
Safe Storage:	Keep container closed when not in use. Store in refrigerated dry storage inaccessible to children.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE/ PERSONAL PROTECTION

Exposure Limits:	No OSHA PEL or ACGIH TLV established	
Personal Protective Equipment:	Eye Protection:	Avoid contact with eyes.
	Skin Protection:	Avoid contact with skin. Wear protective gloves if clean-up is required.
	Respiratory Protection:	Not required when used according to directions. Avoid breathing vapors.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES		
Appearance: White circular disc covered in clear plastic with a paper backing	Boiling Point/ Flash Point:	Not established
Odor: Slight characteristic fragrance	Freezing/Melting Point:	Not established
Density: 1.0 g/ml	Vapor Pressure:	Not established
Flammability: Non Flammable	Vapor Density:	Not established
pH Not Applicable	Solubility in Water:	Not soluble

SECTION 10 - STABILITY AND REACTIVITY	
Stability:	Stable under normal conditions, Exposure to excessive light or heat will degrade
Hazardous Decomposition Products:	None in normal use.
Conditions to Avoid:	Avoid extreme high or low temperatures
Incompatible Materials:	Strong oxidizers, strong bases.

SECTION 11 - TOXICOLOGICAL INFORMATION					
Likely Routes of Exposure:	Skin contact, Eye Contact, Ingestion				
Acute symptoms and effects:					
Skin Contact:	Transfer of pheromones may occur.				
Eye Contact:	Direct contact may cause irritation.				
Ingestion:	May cause irritation if swallowed.				
Chronic Effects:	None known to humans.				
Acute Toxicity	LD50 (oral Rat)		LC50		
Not Established	Not Established		Not Established		
Reproductive Effects	Teratogenicity	Mutagenicity	Embryo toxicity	Carcinogenicity	Synergistic Products
Not Established	Not Established	Not Established	Not Established	None	Not Established

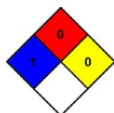
SECTION 12 - ECOLOGICAL INFORMATION	
Eco Toxicity:	None Known
Mobility:	Biodegradable in the soil
Degradability:	Readily biodegradable in water
Bioaccumulation:	Not Applicable

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS
Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

SECTION 14 - TRANSPORTATION INFORMATION
Domestic (DOT): Chemicals, N.O.S (non-regulated); Hazard Class: Not Applicable; UN/NA: Not Applicable; Labels: Not Applicable International (IMO): Chemicals, N.O.S (non-regulated); Hazard Class: Not Applicable; UN/NA: Not Applicable; Labels: Not Applicable

SECTION 15 - REGULATORY INFORMATION
EPA Exempted from label requirements; CFR 40 152.25(b) if used for monitoring purposes in traps.

SECTION 16 - OTHER INFORMATION	
NFPA Rating	HMIS III Rating
Health hazard: 1 - Exposure could cause minor irritation	Health: 1 Slight Hazard – irritation or minor reversible injury possible
Fire hazard: 0 - Material will not burn	Flammability: 0 Minimal Hazard
Reactivity: 0 - Normally stable	Physical: 0 Minimal Hazard
	Person Protection: B



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01-04-2021

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product name	DEVICE (for HIRESIS)
CAS No.	Not applicable.
EC No.	Not applicable.
REACH registration No.	None assigned.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Glue board for monitoring device.
Uses advised against	Use only for intended applications.

1.3 Details of the supplier of the safety data sheet**Manufacturer**

Company identification	FUJI FLAVOR CO., LTD.
Address of manufacturer	3-5-8, Midorigaoka, Hamura-shi, Tokyo, Japan
Postal code	205-8503
Telephone:	+81-42-555-5186
Fax	Not known.
E-mail	ecomone-inquiry@jt.com
Office hours	08:30 – 17:25 (JST)

Supplier

Company identification	EU importer:
Address of supplier	Address of the importer
Postal code	Not known.
Telephone:	Phone number of the importer
Fax	Not known.
E-mail	E-mail
Office hours	

1.4 Emergency telephone number

Emergency phone No.	+81-42-555-5186 (Office hours 08:30 – 17:25 (JST))
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SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP)	Usually not applicable related to articles
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2.2 Label elements

	Usually not applicable related to articles
Product name	DEVICE (for HIRESIS)
Hazard pictogram(s)	None.
Signal word(s)	None.

Hazard statement(s) None.

Precautionary statement(s) None.

2.3 Other hazards

This product may contain a small amount of: substances classified as PBT or vPvB.
ECHA Endocrine disruptor assessment list : Not listed

2.4 Additional information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Board	Confidential	Confidential	70-80	Not classified	None
Glue	Confidential	Confidential	10-20	Not classified.	None
Release paper	Confidential	Confidential	10-20	Not classified.	None

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Get medical advice/attention if you feel unwell.
Skin contact	Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
Ingestion	Wash out mouth with water. Try to induce vomiting. Get medical advice/attention if you feel unwell.
Advice for first aider	Ensure first aiders are trained for rescue. Wear appropriate personal protective equipment, avoid direct contact.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Extinguish with waterspray, dry chemical or alcohol foam. Carbon dioxide
Unsuitable extinguishing media	No information available.

5.2 Special hazards arising from the substance or mixture

Fire/Explosion risk: Low hazard

Combustible. Decomposition products may include toxic gas. (carbon monoxide, acetaldehyde)

5.3 Advice for firefighters

Shut off source of leak if safe to do so. Treat using the best available techniques before discharge into drains or the aquatic environment. Use appropriate containment to avoid environmental contamination. Keep upwind.

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Wear appropriate personal protective equipment, avoid direct contact.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear suitable respiratory protective equipment if exposure to high levels of material are likely. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Collect spillage. Collect as much as possible in clean container for reuse or disposal. Avoid contact with heat and ignition sources.

6.4 Reference to other sections

See also section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Do not handle until all safety precautions have been read and understood. Avoid contact with heat and ignition sources and oxidizers. Avoid long term and repeated skin contact. Do not peel off the release paper until just before use. Do not touch the glue side. Do not taste or swallow.

Wash hands and exposed skin thoroughly after handling. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage measures

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from light. Keep away from heat, sources of ignition and direct sunlight. Keep out of the reach of children.

Suitable containers: No information available.

Unsuitable containers: No information available.

Storage temperature

Ambient.

Storage life

See packaging box.

Incompatible materials

Strong oxidising agents.

7.3 Specific end use(s)

Glue board for monitoring device.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits No occupational exposure limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye protection Not normally required.



Skin protection Not normally required.
Protective gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.



Respiratory protection Normally no personal respiratory protection is necessary. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.



Thermal hazards A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

8.2.3. Environmental exposure controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid.
Colour	Transparent. (Glue)
Odour	Slight.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not applicable.
Flammability	Flammable.
Lower and upper explosion limit	Not applicable.
Flash point	Not applicable.
Auto-ignition temperature	Not known.
Decomposition temperature	Not known.
pH	Not applicable.
Kinematic viscosity	Not applicable.
Solubility	Solubility (Water) : Insoluble in water. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not applicable.
Density and/or relative density	Not known.
Relative vapour density	Not applicable.
Particle characteristics	Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under normal conditions. Stable under the prescribed storage conditions.

10.2 Chemical stability

Stable under normal conditions. Stable under the prescribed storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking. Avoid contact with moisture.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Combustion products: Carbon monoxide, acetaldehyde

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	No information available.
Acute toxicity - Skin contact	No information available.
Acute toxicity - Inhalation	No information available.
Skin corrosion/irritation	Repeated and/or prolonged skin contact may cause irritation. (Glue)
Serious eye damage/irritation	No information available.
Skin sensitization data	No information available.
Respiratory sensitization data	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Lactation	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

11.2 Information on other hazards

Route(s) of entry : Skin contact
Effects and Symptoms : No information available.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity - Aquatic invertebrates	No information available.
Toxicity - Fish	No information available.
Toxicity - Algae	No information available.
Toxicity - Sediment compartment	No information available.
Toxicity - Terrestrial compartment	No information available.

12.2 Persistence and degradability

	No information available.
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	No information available.
12.5 Results of PBT and vPvB assessment	No information available.
12.6 Endocrine disrupting properties	None known.
12.7 Other adverse effects	Montreal Protocol: Not listed.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose at suitable refuse site. Dispose of contents in accordance with local, state or national legislation. Dispose of empty containers and wastes safely.
13.2 Additional information	Large quantities: Dispose of wastes in an approved waste disposal facility. Inform waste disposal contractor about possible hazards.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not classified as a Marine Pollutant.
14.6 Special precautions for user	Always transport in closed containers that are upright and secure. Do not let this chemical/product enter the environment. Avoid contact with water.
14.7 Maritime transport in bulk according to IMO instruments	Not known

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
European Regulations - Authorisations and/or Restrictions On Use	
Candidate List of Substances of Very High Concern for Authorisation	Not listed

REACH: ANNEX XIV list of substances
subject to authorisation

Not listed

REACH: Annex XVII Restrictions on the
manufacture, placing on the market and
use of certain dangerous substances,
mixtures and articles

Not listed

Community Rolling Action Plan (CoRAP)
Regulation (EC) N° 850/2004 of the
European Parliament and of the Council
on persistent organic pollutants

Not listed

Regulation (EC) N° 1005/2009 on
substances that deplete the ozone layer

Not listed

Regulation (EU) N° 649/2012 of the
European Parliament and of the Council
concerning the export and import of
hazardous chemicals

Not listed

National regulations

Other

Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

LEGEND

Hazard Pictogram(s)

None.

GHS02: GHS: Flame

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Acute Tox. 4 : Acute toxicity, Category 4

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Carc. 2 : Carcinogenicity, Category 2

Repr. 2 : Reproductive toxicity, Category 2

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Hazard statement(s)

H225: Highly flammable liquid and vapour.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer.

H361f: Suspected of damaging fertility.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)	None.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP) data used to compile the SDS

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