



# SAFETY DATA SHEET

## HIRESIS Drugstore Beetle Pheromone Lure

Date: June 2021

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	<b>Drugstore Beetle Pheromone Lure (Lure for HIRESIS)</b>		
<b>Product use:</b>	Sex pheromone lure for <i>Stegobium panaceum</i>		
<b>Product form:</b>	Circular disc that contains pheromone and is covered in a clear plastic wrap and attached to a paper backing IL-600		
<b>Product no:</b>			
<b>Supplier:</b>	<b>Insects Limited Inc.</b> 16950 Westfield Park Rd. Westfield, Indiana, USA 46074 1-800-992-1991	<b>Manufacturer:</b>	Fuji Flavor Company, LTD. 3-5-8, Midorigaoka, Hsamura-shi, Tokyo, Japan 1 +81-42-555-5186
<b>Emergency:</b> Transportation - 800-424-9300; 703-527-3887 (CHEMTREC)		<b>Medical:</b> 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-dihydroxyran-4-one</small>	954111-25-2	None	< 5%
* - Voluntary disclosure			

### SECTION 4 - FIRST AID MEASURES

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

### SECTION 5 - FIREFIGHTING MEASURES

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

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

### SECTION 7 - HANDLING AND STORAGE

<b>Safe Handling:</b>	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> .
<b>Safe Storage:</b>	Keep container closed when not in use. Store in refrigerated dry storage inaccessible to children.

### SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE/ PERSONAL PROTECTION

<b>Exposure Limits:</b>	No OSHA PEL or ACGIH TLV established	
<b>Personal Protective Equipment:</b>	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

<b>Appearance:</b> White circular disc covered in clear plastic with a paper backing	<b>Boiling Point/ Flash Point:</b> Not established
<b>Odor:</b> Slight characteristic fragrance	<b>Freezing/Melting Point:</b> Not established
<b>Density:</b> 1.0 g/ml	<b>Vapor Pressure:</b> Not established
<b>Flammability:</b> Non Flammable	<b>Vapor Density:</b> Not established
<b>pH</b> Not Applicable	<b>Solubility in Water:</b> Not soluble

## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions, Exposure to excessive light or heat will degrade
<b>Hazardous Decomposition Products:</b>	None in normal use.
<b>Conditions to Avoid:</b>	Avoid extreme high or low temperatures
<b>Incompatible Materials:</b>	Strong oxidizers, strong bases.

## SECTION 11 - TOXICOLOGICAL INFORMATION

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

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Eco Toxicity:</b>	None Known
<b>Mobility:</b>	Biodegradable in the soil
<b>Degradability:</b>	Readily biodegradable in water
<b>Bioaccumulation:</b>	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.

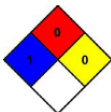
## SECTION 14 - TRANSPORTATION INFORMATION

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

<b>NFPA Rating</b>			<b>HMIS III Rating</b>	
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

01-04-2021

**SAFETY DATA SHEET**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 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.
<b>12.3 Bioaccumulative potential</b>	No information available.
<b>12.4 Mobility in soil</b>	No information available.
<b>12.5 Results of PBT and vPvB assessment</b>	No information available.
<b>12.6 Endocrine disrupting properties</b>	None known.
<b>12.7 Other adverse effects</b>	Montreal Protocol: Not listed.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Dispose at suitable refuse site. Dispose of contents in accordance with local, state or national legislation. Dispose of empty containers and wastes safely.
<b>13.2 Additional information</b>	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.

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

## SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
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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