AGRISENSE

Lasioderma serricorne Lure

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product identifier
Trade name: Lasioderma serricorne Lure
Agrisense item code: 10543

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

1.3 Details of the supplier of the safety data sheet
Agrisense
Taffs Mead Road
Treforest Industrial Estate
Pontypridd, South Wales, CF37 5SU, UK
Tel: +44 (0)1443 841155
Email: sds@agrisense.co.uk

1.4 Emergency telephone number
For Europe, call 112 (24h)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
The product is not classified according to the Reg. (EC) No. 1272/2008.

2.2 Labels elements
The following label elements have been assigned in accordance to Reg. (EC) No. 1272/2008.
EUH208 – 'Contains Serricornin. May produce an allergic reaction'

2.3 Other hazards
The product does not meet the criteria for PBT or vPvB according to Annex XIII of Regulation (EC) No. 1907/2006.

3. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS no.	EINECS no.	Content (% w/w)	Classification* (Reg. 1272/2008):
Nonan-3-one, 100 4-6-dimethyl-7-hydroxy-: (4R,6S,7S)-(.+-.)- [99945-27-4]; (4R,6R,7R)-(.+-.)- [92999-14-9]	Mixture		<1%	Acute Tox. 4; H302 Skin Sens. 1B; H317 Eye Irrit 2; H319

* According to Annex VI of Reg. 1272/2008 and ECHA evaluation for registered substances. For the meaning of the indications of danger and of the risk phrases, please refer to section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact:
In case of contact, hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if worn after the first five minutes and continue rinsing. If irritation occurs, call a doctor for medical advice.

Skin contact:
Wash hands thoroughly after handling product with water and soap. Prolonged contact with Lure may cause irritation. If irritation occurs, call a doctor for medical advice.

Inhalation:
If adverse effects are felt, move person to fresh air. If symptoms persist call a doctor for medical advice.

Ingestion:
In case of ingestion, rinse out mouth with water. Do not induce vomiting. If feeling unwell after ingestion occurs call a doctor for medical advice.

4.2 Most important symptoms and effects, both acute and delayed
May cause an allergic skin reaction

4.3 Indication of any immediate medical attention and special treatment needed
Due to the formulation type, it is not likely to need special or immediate medical treatments.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing agents: dry chemical, foam, carbon dioxide (CO_2).

5.2 Special hazards arising from the substance or mixture
Carbon oxides formed when the product is burned.

5.3 Advice for firefighters
Evacuate area of all unnecessary personnel. Use standard firefighting procedures.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
The use of gloves is recommended but not essential.

6.2 Environmental precautions
Avoid contamination of soil, water sources and sewers.

6.3 Methods and material for containing and cleaning up
In case of spillage, collect lures, seal in a suitable container and remove for disposal.

6.4 Reference to other sections
Please, refer to section 8 for further information on personal protection and to section 13 for the disposal of the contaminated material.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Wear protective clothing as described in section 8, if justified by exposure conditions. Avoid unnecessary contact with eyes and skin. Avoid vapour inhalation. Do not eat drink or smoke while handling the product. Wash hands after thoroughly after handling with soap and water.

7.2 Conditions for safe storage, including any incompatibilities
Store in original container in a cool, dry and well ventilated area until used. Store away from heat and out of direct sunlight.

7.3 Specific end use(s)
No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Exposure limits are not available for any of the substances contained in the mixture. There are no known side effects resulting from the use of the finished product.

8.2 Exposure controls
Personal protection information provided in this section 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.

Individual protection measures, such as personal protective equipment (professional user)

Eye/face protection:	Avoid contact with eyes. No type of specific protective equipment is required.
Hand protection:	The use of chemical resistance gloves is recommended for handling the lures.
Skin protection:	Not generally required under normal use conditions.
Respiratory protection:	Not generally required under normal use conditions.

Environmental exposure controls
Avoid contamination of soil, water sources and sewers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance:	Colourless to white opaque vial
b) Odour:	None
c) Odour threshold:	None
d) pH:	Not applicable for the product.
e) Melting point/freezing point:	> 90°C
f) Initial boiling point and boiling range:	Not applicable for the product.
g) Flash point:	> 155°C
h) Evaporation rate:	Not established for the product.
i) Flammability (solid, gas):	Not established for the product
j) Upper/lower flammability or explosive limits:	Not established for the product.
k) Vapour pressure:	Not applicable for the product.
l) Vapour density:	Not established for the product.
m) Relative density:	Not applicable for the product.
n) Solubility(ies):	Not applicable for the product.
o) Partition coefficient n-octanol/water:	Not applicable for the product.
p) Auto-ignition temperature:	Not established for the product.
q) Decomposition temperature:	Not established for the product.
r) Viscosity:	Not applicable for the product.
s) Explosive properties:	Not applicable for the product.
t) Oxidising properties:	Not applicable for the product.

9.2 Other information
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10. STABILITY AND REACTIVITY

10.1 Reactivity
No reactivity reactions are known or expected to occur as to normal uses conditions.

10.2 Chemical stability
The product is stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No hazardous reactions are known or expected when the product is stored and handled according to the recommended instructions.

10.4 Conditions to avoid
Protect product from heat and direct sunlight.

10.5 Incompatible materials
None known.

10.6 Hazardous decomposition products
Not expected under the conditions of use.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The product has not been tested. The toxicity of the preparation derives from the toxicity of the components. Therefore, the data reported in this section refers to the components as listed.

Acute Toxicity Oral LD50 (rat);	Nonan-3-one, 100 4-6-dimethyl-7-hydroxy-: (4R,6S,7S)-(.+-.)- [99945-27-4]; (4R,6R,7R)-(.+-.)- [92999-14-9]	1750 mg/kg
Acute Toxicity Dermal LD50 (Rabbit);	Nonan-3-one, 100 4-6-dimethyl-7-hydroxy-: (4R,6S,7S)-(.+-.)- [99945-27-4]; (4R,6R,7R)-(.+-.)- [92999-14-9]	>5000 mg/kg
Skin Corrosion / Irritation	Nonan-3-one, 100 4-6-dimethyl-7-hydroxy-: (4R,6S,7S)-(.+-.)- [99945-27-4]; (4R,6R,7R)-(.+-.)- [92999-14-9]	Not irritating
Eye Damage / Irritation Eyes (Rabbit);	Nonan-3-one, 100 4-6-dimethyl-7-hydroxy-: (4R,6S,7S)-(.+-.)- [99945-27-4]; (4R,6R,7R)-(.+-.)- [92999-14-9]	Irritation noted
Skin Sensitizing / Respiratory Sensitizing Skin (Guinea pig)	Nonan-3-one, 100 4-6-dimethyl-7-hydroxy-: (4R,6S,7S)-(.+-.)- [99945-27-4]; (4R,6R,7R)-(.+-.)- [92999-14-9]	Sensitisation noted
Skin sensitisation	Lure	May cause allergic skin reaction
Mutagenicity	Lure	No data available
Carcinogenicity	Lure	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive Toxicity	Lure	No data available
Repeated Dose Toxicity	Lure	No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Due to the particular type of formulation, no studies have been performed on the final product.
Due to the characteristics of the formulation, effects on soil, water, air, plants or animals are not expected.

12.2 Persistence and degradability

Not relevant for the product.

12.3 Bioaccumulative potential

Not relevant for the product.

12.4 Mobility in soil

Not relevant for the product.

12.5 Results of PBT and vPvB assessment

The formulation does not meet the criteria for PBT or vPvB according to Annex XIII of Regulation (EC) No. 1907/2006.

12.6 Other adverse effects

No additional information is known on other adverse effects on the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Do not allow product to reach sewage system. Dispose of in accordance with community, national or regional laws.

Package: Do not reuse the container. The packaging should be emptied and disposed of as the product.

14. TRANSPORT INFORMATION

14.1 UN Number

Not classified.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not evaluated.

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15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2 Chemical safety assessment
No chemical safety assessment has been performed.

16. OTHER INFORMATION

Meaning of the indications of danger and of the risk phrases mentioned in section 3:

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation

WHILE THIS INFORMATION AND RECOMMENDATIONS SET FORTH ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, AGRISENSE INDUSTRIAL MONITORING MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.