

Safety data sheet

According to 1907/2006/EC
and 453/2010/EC

Plodia/ Ephestia pheromone long life lure

LL306, LL307, LL308, LL309 & LL310

Date: 2015-10-30

Revision : 1

Section 1. Identification of the substance/preparation and of the company/undertaking
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1.1 Product name	Ephestia Plodia long life lures REACH Registration notes: This is a MIXTURE; no registration information is contained in this document Silvanderrsson Sweden AB ar classed as Downstream User.
1.2 Use of mixture	Plant monitoring product
1.3 Art. no	LL306, LL307, LL308, LL309 & LL310
1.4 Supplier	Silvanderrsson Sweden AB
Address	Lagavägen 28, S-31020 KNÄRED, SWEDEN
Telephone	+46(0)430-78040
Telefax	+46(0)430-78050
Contact	sales@silvanderrsson.se www.silvanderrsson.se
1.5 Emergency telephone	+46 (0)8-331231 Swedish poison information

Section 2. Hazards identification
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2.1 Classification

Classification (EC 1272/2008)

Physical and Chemical Hazards: Not classified.

Human health: Not classified

Environment: Not classified

2.2 Label elements

Based on toxicological studies in the published literature, there are no risk and safety phrases to assign for this product.

Precautionary Statements:

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P313 Get medical advice/attention

P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

P332+313 If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

None noted.

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Section 3. Composition/information on ingredients**3.2 Chemical composition:** mixture.**(Z,E)-9,12-Tetradecadienyl acetate****0.37 ± 0.02**

CAS-No: 30507-70-1

EC No.: 608-490-3

Classification (EC 1272/2008): Skin Irrit. 2- H315,

Classification (67/548/EEC): R38

Modified rosin esters**0.41 ± 0.02**

CAS-No: 8050-15-5

EC No: 232-476-2

Classification (EC 1272/2008): Aquatic Chronic 3 - H412

Classification (67/548/EEC): R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

REACH Registration notes: This is a MIXTURE; no registration information is contained in this document.
Silvanderson Sweden AB are classed as Downstream User.**Section 4. First aid measures****4.1 Description of first aid measures****Inhalation:** Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Place unconscious person on the side in the recovery position and ensure breathing can take place. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.**Ingestion:** Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Never give liquid to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention.**Skin contact:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.**Eye contact:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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4.2 Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation: Irritation of nose, throat and airway.

Ingestion: May cause discomfort if swallowed. Nausea, vomiting.

Skin contact: May cause skin irritation.

Eye contact: May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5. Fire-fighting measures**5.1 Extinguishing media**

Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture**Fire & explosion hazards**

Hazardous combustion products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

Unusual Fire & Explosion Hazards: No unusual fire or explosion hazards noted.

5.3 Advice for firefighters

Special Fire Fighting Procedures: No specific fire fighting procedure given. Avoid breathing fire vapours.

Protective equipment for fire-fighters: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up

Spillages: Recover the product and place in a suitable container for reuse or disposal as per local restrictions..

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12 as well.

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Section 7. Handling and storage

7.1 Precautions for safe handling

Read and follow manufacturer's recommendations. Provide good ventilation. Avoid inhalation of vapours/spray and contact with skin and eyes. Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool and well-ventilated place, preferably at a temperature below 5°C.

Storage Class: Miscellaneous hazardous material storage.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Section 8. Exposure controls/personal protection

8.1 Control Parameters

No workplace exposure limits are noted for any of the ingredients.

8.2 Exposure controls

Protective equipment



Respiratory equipment: If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection: Protective gloves should be always used. .

Eye protection: Wear tight-fitting goggles or face shield.

Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures: Wash contaminated clothing before reuse. Wash hands after handling.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Colourless liquid
Odour:	Mild/oily
pH-Value, Conc. Solution:	Not determined
Melting/freezing point:	Not determined
Initial boiling point and boiling range (°C):	110-120
Flash point (°C):	>100 (Closed cup)
Evaporation rate:	Not determined
Flammability:	Do not support combustion
Vapour pressure:	Not determined
Vapour density (air=1):	Not determined
Relative density:	0.885-0.894 @ 20°C
Solubility:	Immiscible with water
Viscosity:	Not determined

9.2 Other information: No specific

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Section 10. Stability and reactivity**10.1 Reactivity**

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

No information required.

Hazardous Polymerisation: Will not polymerise.

10.4 Conditions to avoid

Avoid exposing to heat.

10.5 Incompatible materials

Avoid contact with strong oxidising substances.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Section 11. Toxicological information**11.1 Information on toxicological effects**

Toxicological information: There is no test data available for this mixture. The toxicological hazards have been determined by calculation from the ingredients. This material is a Straight Chain Lepidopteran Pheromone, a class of pheromones with no expected risks to human health or non-target organisms. The extremely low concentration of chemicals in this product ensure that any toxicological hazards are negligible.

Section 12. Ecological information**12.1 Toxicity (containing substance)**

There is no test data available for this mixture. The toxicological hazards have been determined by calculation from the ingredients.

12.2 Persistence and degradability

There is no test data available for this mixture. The material is expected to be rapidly degradable.

12.3 Bioaccumulative potential

The components of this mixture are not bioaccumulative.

12.4 Mobility in soil

There is no information specific to this mixture. The components are expected to move through the soil.

12.5 Results of PBT and vPvB assessment

There is no chemical safety report upon which to base a PBT/vPvB assessment.

12.6 Other adverse effects

No information is available.

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Section 13. Disposal considerations**13.1 Waste treatment methods**

Unwanted product should be disposed of according to local and national provisions.

Section 14. Transport information**14.1 UN number**

UN No. (ADRIRID/ADN): NA

UN No. (IMDG): NA

UN No. (ICAO): NA

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

ADR/RID/AND: Unclassified

ADR/RID/ADN Class: Unclassified

14.5 Environmental hazards

Non-hazardous to the environment

14.6 Special precautions for user

EMS: NA

Tunnel Restriction Code: NA

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**Section 15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**Statutory Instruments: The Chemicals (Hazard Information and Packaging for Supply)
Regulations 2009 (S.I. 2009 No. 716).

EU Legislation: Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

National Regulations: Workplace Exposure Limits 2005 (EH40)

Authorisations (Title VII Regulation 1907/2006): No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006): No specific restrictions of use are noted for this product.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

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Section 16. Other information**Creation Date:** 30/10/2015**Revision Date:** 30/10/2015**Revision:** 1**Risk Phrases In Full**

R10 Flammable.

R20 Harmful by inhalation.

R36/38 Irritating to eyes and skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53 May cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Silvandersons Sweden AB shall not be held liable for any damage resulting from handling or from contact with the above product.