

102 Lure for *Ips acuminatus*

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: IPS 102 Lure

REACH Registration notes: This is a MIXTURE; no registration information is contained in this document. International Pheromone Systems Ltd are classed as Downstream User.

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

Plant protection product.

1.3. Details of the supplier of the safety data sheet

Supplier: International Pheromone Systems Ltd

Address: Evolution House, Long Acres Road, Clayhill Industrial Estate, Neston, Cheshire, CH64 3RL, UK

Telephone : +44(0)151 363 7060 (Available during normal office hours)

1.4. Emergency Telephone Number

+44(0)151 363 7060 (Available during normal office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards: Flam. Liq. 2 – H225; Acute Tox. 4 – H302; Eye Irrit. 2 – H319

Human health: Not classified

Environment: Not classified

2.2. Label elements

Signal Word: Danger

Contains 2-methylbut-3-en-2-ol



Precautionary Statements:

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

2-Methy-3-buten-2-ol CAS-No: 115-18-4 EC-No: 204-068-4 Classification (EC 1272/2008): Flam. Liq. 2 – H225; Acute Tox. 4 – H302; Eye Irrit. 2 – H319	59.17 ±1%
Ipsdienol CAS-No: 35628-00-3 EC No: 609-154-9 Classification (EC 1272/2008): None	0.78 ±0.01%
Cis-verbenol CAS-No: 18881-04-4 EC No: 242-645-2 Classification (EC 1272/2008): None	0.39 ±0.01%
Ipsenol CAS-No: 60894-96-4 EC No: 242-645-2 Classification (EC 1272/2008): Skin Irrit. 2 - H315, Aquatic Chronic 2 – H411	0.78 ±0.01%
Butylated hydroxytoluene CAS-No: 128-37-0 EC No: 204-881-4 Classification (EC 1272/2008): Aquatic Chronic 1 – H410	0.20 ±0.01%

The Full Text for all Hazard Statements are Displayed in Section 16.

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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.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING 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

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.

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.

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 at a temperature below 7 oC

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 used .

Eye protection: Goggles are not required as there is no risk of splash

Other Protection: None required

Hygiene measures: Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Semipermeable sachet

Colour: White

Odour: No data available

pH-Value, Conc Not determined

Melting/freezing point: Not determined

Initial boiling point and boiling range (°C): Not determined

Flash point (°C): < 50°C (Closed cup) (Liquid formulation)

Evaporation rate: Not determined.

Flammability: Does not support combustion.

Vapour pressure: Not determined.
Vapour density (air=1): Not determined.
Relative density: Not determined
Solubility: Immiscible with water.
Viscosity: Not determined.

9.2. Other information

None.

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, sparks and flames.

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. Any toxicological hazards have been determined by calculation from the ingredients.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Small amounts may be flushed with water to sewer. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 14: TRANSPORT INFORMATION

UN No. (ADR/RID/ADN): Not regulated as a dangerous good

UN No. (IMDG): Not regulated as a dangerous good

UN No. (ICAO): Not regulated as a dangerous good

14.2. UN proper shipping name

Not regulated as a dangerous good

14.3. Transport hazard class(es)

ADR/RID/AND: Not regulated as a dangerous good

ADR/RID/ADN Class: Not regulated as a dangerous good

14.5. Environmental hazards

Not regulated as a dangerous good

14.6. Special precautions for user

EMS: Not regulated as a dangerous good

Tunnel Restriction Code: Not regulated as a dangerous good

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable for product

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Creation Date: 18/10/2019

Revision Date: -

Revision: -

Hazard Statements In Full

H225 Extremely flammable liquid and vapour

H302 Harmful if swallowed

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects

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. International Pheromone Systems Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.