



Nattaro Scout Bed Bug Lure

Material Safety Data Sheet

According to REACH regulation (EC) no 1907/2006

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Nattaro Scout™ bed bug lure

1.2 Relevant identified uses of the mixture and uses advised against

Relevant identified uses Bed bug attractant in Nattaro Scout monitoring trap
For indoor use only.

Uses advised against: The product should only be used for purposes as stated above

1.3 Details of the supplier of the safety data sheet

Supplier: Nattaro Labs AB

Address: Medicon Village
Scheelevägen 2
223 63 Lund
SWEDEN

Telephone +46 (0) 46 149 300

E-mail: info@nattarolabs.com

1.4 Emergency telephone number

For Europe, call 112.

2. Hazards identification

2.1 Classification of the mixture according to Regulation (EC) No 1272/2008 [CLP]

The product is not classified according to the regulation.

2.2 Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard pictograms and signal words:

Not applicable

Hazard statements:

Not applicable

Precautionary statements:

Not applicable

Supplemental hazard information:

For professional use only.

EUH208 – Contains (E)-2-hexenal. May produce an allergic reaction.

2.3 Other hazards

PBT-substance: No



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vPvB-substance: No

Adverse physiochemical effects: No known effects.

Adverse human health : Contains (E)-2-hexenal. May produce an allergic reaction.

Adverse environmental effects: No known effects.

3. Composition/information on ingredients

3.1 Mixtures

<i>Substance</i>	<i>CAS-no</i>	<i>Concentration</i>	<i>Classification of the substance according to Regulation (EC) No 1272/2008</i>
2-hexanone	591-78-6	<0,1%	Flam. Liq. 3, H226 STOT SE 3, H336 Repr. 2; H361f STOT RE 1; H372 (lungs)
(E)-2-hexenal	6728-26-3	<0,1%	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal); H311 Skin Sens. 1, H317
Gelatine	9000-70-8	1-3%	Not classified

For full text of H- and EUH-phrases: see SECTION 16.

4. First aid measures

4.1 Description of first aid measures

In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed:

Do NOT induce vomiting. No oral intake and do not put anything in the mouth of an unconscious person. Consult a physician and show this safety sheet.

If inhaled: If inhalation gives signs of discomfort, fresh air and rest is recommended.

In case of skin contact: Wash off with soap and lukewarm water.

In case of eye contact: Rinse thoroughly with plenty of lukewarm water for at least 15 minutes (remove any contact lenses) and consult a physician



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4.2 Most important symptoms and effects, both acute and delayed

Symptom: No available data.

4.3 Indication of any immediate medical attention and special treatment needed

Special treatment: No available data

5. Firefighting measures

5.1 Extinguishing media

The product is not flammable. Choice of extinguishing media should be based on other materials in the premises.

5.2 Special hazards arising from the substance or mixture

No available data.

5.3 Advice for fire-fighters

General procedures for firefighting and evacuation apply.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal protection: Avoid contact and exposure to skin and eyes. Use protective gloves, glasses and clothing if you need to handle the substance.

6.2 Environmental precautions

General measures: Restrict the area in order for possible spillage not to reach wells, sewers or directly into the external environment.

6.3 Methods and materials for containment and cleaning up

No available data

7. Handling and storage

7.1 Precautions for safe handling

Avoid direct skin contact with the content of the cup. If that happens wash hands if you have been into direct contact with the bed bug lure, i.e. the contents of the cup. If you need to handle spilled content use protective gloves.

7.2 Conditions for safe storage, including any incompatibilities

The product should be kept in the original container and package at temperatures between 4-8 °C (refrigerator).

8. Exposure controls/personal protection

This section is intended for professional use and exposure to professional users.



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8.1 Control parameters

8.1.1 National or occupational exposure limits, 2-hexanone

National exposure limits: YES, see table below

Indicative EU exposure limits: NO

National exposure limits, EU member states

Country	Limit type	Value
Austria	Limit value, 8h	5 ppm or 21 mg/m ³
	Short term limit value	20 ppm or 84 mg/m ³
Belgium	Limit value, 8h	5 ppm or 21 mg/m ³
	Short term limit value	10 ppm or 42 mg/m ³
Denmark	Limit value, 8h	1 ppm or 4 mg/m ³
	Short term limit value	2 ppm or 8 mg/m ³
Estonia	Limit value, 8h	1 ppm or 4 mg/m ³
	Short term limit value, average 15 min.	2 ppm or 8 mg/m ³
Finland	Limit value, 8h	5 ppm or 21 mg/m ³
	Short term limit value, average 15 min	10 ppm or 42 mg/m ³
France	Limit value, 8h	5 ppm or 20 mg/m ³
	Short term limit value	8 ppm or 35 mg/m ³
Germany	Limit value, 8h	5 ppm or 21 mg/m ³
	Short term limit value	40 ppm or 168 mg/m ³
Hungary	Limit value, 8h	21 mg/m ³
	Short term limit value	84 mg/m ³
Ireland	Limit value, 8h	5 ppm or 20 mg/m ³
Poland	Limit value, 8h	10 mg/m ³
Romania	Limit value, 8h	49 ppm or 200 mg/m ³
	Short term limit value	80 ppm or 300 mg/m ³
Spain	Limit value, 8h	5 ppm or 21 mg/m ³
	Short term limit value	10 ppm or 42 mg/m ³
Sweden	Limit value, 8h	1 ppm or 4 mg/m ³
	Short term limit value, average 15 min.	2 ppm or 8 mg/m ³
UK	Limit value, 8h	5 ppm or 21 mg/m ³



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8.2 Exposure controls

Appropriate engineering controls

The working area should be well ventilated

Personal protective equipment

Eye and face protection

The bed bug lure is a gel. No risk of splash in eyes or on skin is foreseen.

Skin protection

Handle possible spilled content with gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection

The product is a gel contained in small units (cups with small opening on top). No risk for inhalation during handling is foreseen.

Environmental exposure controls

No data available

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Parameter	Value	Method /Comment
Appearance	Opaque gel	
Colour	Colourless	
Odour	Faint, solvent-like	
pH	3 - 7	
Melting point	>28°C	
Viscosity	Not applicable	Semi-solid gel
Flammability	No data available	
Upper/lower flammability or explosive limits	No data available	
Density	1.0 g/mL	
Solubility	Soluble in warm water	
Explosive properties	Not applicable	
Oxidising properties	Not applicable	



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9.2 Other information

No data available

10. Stability and reactivity

10.1 Reactivity

The product is stable under normal and recommended storage and handling.

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Avoid frost and storage temperatures above 30°C.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

This section contains information for professionals within medicine, toxicology and work health aspects.

11.1.1 Acute toxicity:

No available product data.

Acute toxicity for individual components

<u>Substance</u>	<u>Exposure</u>	<u>Species</u>	<u>Result</u>	<u>Method</u>	<u>Remark</u>
(E)-2-hexenal	Acute toxicity, oral	Rat	LD50 (oral): 780 mg/kg. Harmful if swallowed.	-	Source: MSDS raw material
(E)-2-hexenal	Skin	Rabbit	24 h: Mild skin irritation	-	Toxic in to contact with skin May produce an allergic reaction. Source: MSDS raw material
2-hexanone	Acute toxicity, oral	Rat	LD50 (oral): 2 590 mg/kg.		Source: MSDS raw material
2-hexanone	Acute toxicity, inhalation	Rat	LC50 (inhalation): 8 000 ppm - Toxic by inhalation		May cause irritation in respiratory tract. Vapours may cause drowsiness and dizziness Source: MSDS raw material
2-hexanone	Acute toxicity, dermal	Rabbit	LD50 (dermal): 4 800 mg/kg. Toxic by skin contact.		May cause skin irritation. Source: MSDS raw material



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Skin corrosion/irritation	No available data.
Sensitisation	The product contains (E)-2 hexenal. May cause an allergic reaction.
Mutagenicity	No available data.
Carcinogenetic	No available data.
Reproduction toxicity	The product contains 2-hexanone, suspected of being damaging to fertility.
Annan information:	No available data.

12. ECOLOGICAL INFORMATION

Summary: No data on the material is available. Data given pertains to the individual components. The product is not classified as dangerous to the aquatic environment.

12.1 Toxicity

<i>Substance</i>	<i>Study and exposure time</i>	<i>Result</i>	<i>Method</i>	<i>Remark</i>
2-hexenone	LC50 - Pimephales promelas (fathead minnow) - 428 mg/l - 96 h	LC50: 428 mg/l.	-	Source: MSDS raw material

12.2 Persistence and degradability

Biodegradation: No available data.

Abiotic degradation: No available data.

12.3 Bio accumulative potential

log Kow- and/or BCF-value: No available data.

12.4 Mobility in soil

No available data.

12.5 Results of PBT and vPvB assessment

PBT-substance: Not applicable

vPvB-substance: Not applicable

12.6 Other adverse effects

No available data.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

13.1.1 Classification of waste

Hazardous waste **NO**

Waste disposal Dispose of lure and container as common household waste.



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14. TRANSPORT INFORMATION

Dangerous goods	NO
14.1 UN No.	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
Hazard label(s)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable

15 REGULATORY INFORMATION

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

15.1.1 General regulations concerning safety, health and environment

Information on current legislation	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Regulation ((EC) No 1272/2008 on Classification, Labelling and Packaging (CLP).
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15.2 Chemical Safety Assessment

Chemical Safety Assessment: Not needed according to Article 37 in Reach-regulation.

16. Other information

16.1 Revisions

<i>Version</i>	<i>Changes</i>	<i>Date</i>
1.0	First edition, English language for EU member states	22 May 2018

16.2 Abbreviations and acronyms

BCF	Bioconcentration Factor
EC ₅₀	Effect concentration to 50% of test population in aquatic environment
LC ₅₀	Lethal Concentration to 50 % of a test population
LD ₅₀	Lethal Dose to 50% of a test population (Median Lethal Dose)
log K _{ow}	Partition coefficient n-octanol /water
PBT	Persistent, Bio accumulative and Toxic substance
vPvB	Very Persistent and Very Bioaccumulative
Skin Corr. 1B	Corrosive on skin
H314	Causes severe skin burns and eye damage



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H226	Flammable liquid and vapour
Acute toxicity, Oral (category 4), H302	Harmful if swallowed
Acute toxicity, Skin (Category 3), H311	Toxic in contact with skin
Skin sensitisation (Category 1), H317.	May cause an allergic skin reaction
H315	Causes skin irritation
H319	Causes serious eye irritation
H335.	May cause respiratory irritation
STOT SE/RE	Specific organ toxicity – single/repeated exposure
H336	May cause drowsiness or dizziness
H361f	Suspected of damaging fertility
H372	Causes damage to organs through prolonged or repeated exposure

16.3 Other

The data in this Material Safety Data Sheet (MSDS) are based on our current knowledge and is intended to describe the product from a safety perspective. This MSDS cannot be regarded as a chemical product specification. The information is intended to be a guidance for safe handling, use, storage, transport and waste disposal and should not be interpreted as a guarantee or quality specification.

Data sources

The material safety data sheets of ingoing ingredients.

Regulation ((EC) No 1272/2008 on Classification, Labelling and Packaging (CLP) Table 3, Annex VI.

ECHA C&L-inventory.

GESTIS International Database on hazardous substances, available from Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung, web adress:

<http://www.dguv.de/ifa/index-2.jsp>.