

SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product Name

Atrakta Mosquito Lure

Other means of identification

EPA Registration Number 87472-1-87837

Recommended use of the chemical and restrictions on use

Recommended Use Synergistic odor mixture which increases the efficacy of mosquito traps.

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification DYNAMIC SOLUTIONS WORLDWIDE, LLC

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Eye Dam. 1: Causes serious eye damage.
Skin Irrit. 2: Causes skin irritation.

Label elements

The product is required to be labelled in accordance with OSHA HCS at 29 CFR 1910.1200.

Hazard pictograms



Signal Word

DANGER

Contains

l-(+)-lactic acid
Hexanoic acid

Hazard statements

Causes serious eye damage.
Causes skin irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Wash exposed areas thoroughly after handling.
Wear protective gloves / eye protection / face protection.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER / doctor.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice / attention.
Take off contaminated clothing and wash it before reuse.
Specific treatment (see FIRST AID MEASURES on this Safety Data Sheet).

Other hazards

Dispose of contents / container to in accordance with local / regional / national / international regulation.

Environmental hazards

Other Hazards

Does not contain any PBT or vPvB substances.
Further hazards were not determined with the current level of knowledge.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product-type:

The product is a mixture.

Range [%]	Substance
20 - <40	l-(+)-lactic acid CAS: 79-33-4
20 - <40	Ammonium hydrogen carbonate CAS: 1066-33-7
5 - <10	Hexanoic Acid CAS: 142-62-1

Comment on component parts The specific percentages of composition have been withheld as trade secrets.

4. FIRST AID MEASURES

Description of first aid measures

General Information	Take off contaminated clothing and wash before reuse.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	Irritant effects Risk of serious damage to eyes.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Extinguishing media	All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.
Suitable extinguishing media	

Extinguishing media that must not be used	Full water jet.
Special hazards arising from the substance or mixture	In the event of fire the following can be released: Carbon monoxide (CO) Nitrogen oxides (NOx). Ammonia (NH3).
Advice for firefighters	Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with eyes.
Environmental precautions	Do not discharge into the drains/surface waters/groundwater.
Methods and material for containment and cleaning up	Take up mechanically. Dispose of absorbed material in accordance within the regulations.
Reference to other sections	See SECTION 8+13

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	No special measures necessary if used correctly. Use barrier skin cream. Wash hands before breaks and after work. Take off contaminated clothing and wash before reuse. Do not eat or drink when working.
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Conditions for safe storage, including any incompatibilities

Keep only in original container.

Prevent penetration into the ground.
Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.
Keep container tightly closed und store it in a well-ventilated place.
Keep in a cool place. Store in a dry place.

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Specific end use(s)

See product use, SECTION 1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Exposure Controls

Additional advice on system design

Ensure adequate ventilation on workstation

Eye Protection

Safety Glasses

Hand Protection
supplier for further

The details concerned are recommendations. Please contact the glove information.

Skin Protection

Not required under normal conditions

Other

place,

Avoid contact with eyes and skin.
Do not inhale vapours.
Personal protective equipment should be selected specifically for the working
depending on concentration and quantity handled.
The resistance of this equipment to should be ascertained with the
respective supplier.

Respiratory protection

Not required under normal conditions

Thermal hazards

not applicable

**Delimitation and monitoring of the
environmental exposition**

Protect the environment by applying appropriate control measures to prevent or limit emissions.

9. PHYSICAL AND CHEMICAL PROPERTIES



Information on basic physical and chemical properties

Physical state	Solid
Appearance	Not determined
Odor	Characteristic
Color	No information available
Odor Threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	No data available	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	No data available	None known	
Water Solubility	Soluble in water	None known	
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/water	0.0		
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Reactions with strong oxidizing agents, strong acids and alkalies.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product
ATE-mix, oral, > 2000 mg/kg.

Substance

l-(+)-lactic acid, CAS: 79-33-4
LD50, dermal, Rabbit: > 2000 mg/kg
(OECD 402).
LD50, oral, Rat: 3730 mg/kg (OECD 401).
Ammonium hydrogen carbonate, CAS:
1066-33-7
LD50, dermal, Rat: > 2000 mg/kg bw.
LD50, oral, Rat: ~ 1576 mg/kg.
LC50, inhalativ (dust), Rat: > 4,74
mg/l/4,5h.
Hexanoic acid, CAS: 142-62-1
LD50, dermal, Rabbit: > 20000 mg/kg.
LD50, oral, Rat: > 2000 mg/kg.

Serious eye damage/irritation

Toxicological data of complete product are not available.
Based on the available information, the classification criteria are fulfilled.
Risk of serious damage to eyes.
Calculation method

Skin corrosion/irritation

Toxicological data of complete product are not available.
Based on the available information, the classification criteria are fulfilled.
Irritant
Calculation method
Classification was carried out based on substance-specific
concentration limits.

Respiratory or skin sensitisation

Does not contain a relevant substance that meets the
classification criteria.

Specific target organ toxicity — single exposure

Does not contain a relevant substance that meets the classification criteria.

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.

Reproduction toxicity Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.
Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard

Does not contain a relevant substance that meets the classification criteria.

General remarks

The toxicity data listed pertaining to the ingredients are intended for those
working in the medicinal professions, experts for occupational health
medicinal professions, experts for occupational health and
safety and toxicologists. The toxicity data pertaining to the ingredients were
supplied by the manufacturers of raw materials.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Substance

l-(+)-lactic acid, CAS: 79-33-4
LC50, (96h), Danio rerio: 320 mg/l (OECD 203).

EC50, (48h), Daphnia magna: 240 mg/l (OECD 202).

IC50, (72h), Pseudokirchneriella subcapitata: 3500 mg/l (OECD 201).

Ammonium hydrogen carbonate, CAS: 1066-33-7

LC50, (96h), Oncorhynchus mykiss: 63,4 mg/l.

EC50, (48h), Daphnia magna: 145,6 mg/l.

Hexanoic acid, CAS: 142-62-1

LC50, (96h), Pimephales promelas: 88 mg/l (ECOTOX Database).

EC50, (24h), Daphnia magna: 22 mg/l (Lit.).

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste material must be disposed of in accordance with national and local regulations.

Product

Coordinate disposal with the authorities if necessary.

Contaminated packaging

Untampered packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name

Hazard Class

NOT REGULATED

NON-REGULATED

N/A

TDG

Not regulated

MEX

Not regulated

Atrakta Mosquito Lure

<u>ICAO</u>	Not regulated
<u>IATA</u> Proper Shipping Name Hazard Class	Not regulated NON REGULATED N/A
<u>IMDG/IMO</u> Hazard Class	Not regulated N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

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

US REGULATIONS	This product is registered as a pesticide by EPA (EPA Reg. No. 87472-1-87837)
TRANSPORT REGULATIONS	DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015).
15.2 Chemical safety assessment	Not applicable

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations



Atrakta Mosquito Lure

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	1	Flammability	0	Instability	0	Physical and Chemical Properties	-
<u>HMS</u>	Health hazards	1	Flammability	0	Physical hazards	0	Personal Protection	X

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

