

CLUSTER FLY LURE



Synergize with a synomone!

(*Pollenia rudis*)

For Cluster flies, Methyl salicylate (MeSa) acts as a synomone (a compound that is beneficial to both the receiver and the sender). Research demonstrates that a MeSa lure in a yellow monitor trap, such as the PestWest Window Wonder trap, significantly enhances or synergizes the attractiveness for Cluster flies.

A pure pheromone attractant absorbed on a paper coaster sealed within a peel-able pouch provides easy placement within most passive or pit-fall monitoring traps. With Cluster Fly Lure convert a passive trap to a very active Window Wonder trap!



1. IDENTIFICATION

Product Name:	Cluster Fly Lure (Oil of wintergreen)
Product Description:	Pure pheromone attractant absorbed on paper coaster sealed in a peel-able pouch.
Applications:	Insect Lure for Cluster Fly , <i>Pollenia rudis</i>
Supplier:	PestWest U.S.A. LLC 7135 16th Street E, Suite 124 Sarasota, FL 34243
Telephone No:	Tel: 941 358 1983 Fax: 941 358 1916
Emergency Tel No:	973-827-2299

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:	Not a hazardous substance or mixture.
GHS label elements:	Not a hazardous substance or mixture.
Hazard(s) not otherwise classified (HNOC)	None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances:	
Chemical name:	Methyl salicylate
Synonyms:	Methyl 2-hydroxybenzoate
Formula:	C8H8O3
Molecular weight:	152.149
CAS-No:	119-36-8
EC Number:	N/A
The exact percentage of composition has been withheld as a trade secret.	

4. FIRST-AID MEASURES

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
After inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
After skin contact:	Wash off with soap and plenty of water.
After eye contact:	Flush eyes with water as a precaution.
After swallowing:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Information for doctor:	
Most important symptoms and effects, both acute and delayed:	The most important known symptoms and effects are described in the labelling (section 11).
Indication of any immediate medical attention and special treatment needed:	No data available.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	
Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture:	Carbon oxides
Advice for firefighters:	
Protective equipment:	If necessary, wear self-contained breathing apparatus for firefighting.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. For personal protection see section 8.
Environmental precautions:	Do not let product enter drains.
Methods and material for containment and cleaning up:	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Reference to other sections:	For disposal see section 13.

7. HANDLING AND STORAGE

Handling:	
Precautions for safe handling:	For precautions see section 2.
Conditions for safe storage, including any incompatibilities:	Keep container tightly closed in a dry and well-ventilated place.
Specific end use(s):	Apart from the uses mentioned in section 1 no other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:	Components with workplace control parameters. Contains no substances with occupational exposure limit values.
Exposure controls:	
Appropriate engineering controls:	<p>Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p> <p>Personal protective equipment Eye/face protection - None required. Skin protection - Handle with gloves. None required if lure is in foil pouch. Gloves should be used when handling lures removed from foil pouch. Wash and dry hands.</p> <p>This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.</p> <p>Body Protection None required.</p> <p>Control of environmental exposure Do not let product enter drains.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties	
Ammonium Carbonate:	
FORM:	Liquid
COLOR:	No data available.
ODOR:	No data available.
Odor threshold:	No data available.
pH-value:	No data available.
Melting / Freezing Point:	-8.6°C
Boiling point:	222°C
Flash point:	No data available.
Ignition temperature:	No data available.
Decomposition temperature:	No data available.
Auto igniting:	No data available.
Explosive properties:	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Vapor density:	1.174 g/cm ³
Evaporation rate:	No data available.
Water solubility:	0.639 g/L (21 °C)
Partition coefficient (n-octanol/water):	No data available.
Viscosity:	No data available.
Oxidizing properties:	No data available.

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.
Incompatible materials:	Strong bases, strong oxidizing agents, and strong reducing agents.
Hazardous decomposition products:	Other decomposition products-No data available. In the event of fire: see section 5.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity	No data available.
Inhalation:	No data available. LD50 Dermal -Rabbit-> 5,000 mg/kg No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/eye irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	<p>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.</p> <p>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</p> <p>Reproductive toxicity No data available.</p> <p>Specific target organ toxicity -single exposure No data available.</p> <p>Specific target organ toxicity -repeated exposure No data available.</p> <p>Aspiration hazard No data available.</p>

12. ECOLOGICAL INFORMATION

Toxicity:	No data available.
Persistence and degradability:	No data available.
Behavior in environmental systems:	
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Results of PBT and vPvB assessment:	
PBT:	Assessment not available as chemical safety assessment not required/ not conducted.
vPvB:	Assessment not available as chemical safety assessment not required/ not conducted.
Other adverse effects:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:	Product Offer surplus and non-recyclable solutions to a licensed disposal company.
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14. TRANSPORT INFORMATION



DOT (US):	Not dangerous goods.
IMDG:	Not dangerous goods.
IATA:	Not dangerous goods.

15. REGULATORY INFORMATION

EPA Exempted from label requirements; CFR 40 152.25(b) if used for monitoring purposes in traps.

16. OTHER INFORMATION

The information contained herein 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. Both PestWest USA LLC and Web-Cote Industries shall not be held liable for any damage resulting from handling or from contact with the above product.

Classification system: NFPA ratings (scale 0 - 4)		HEALTH = 1 FIRE = 0 REACTIVITY = 0
Classification system: HMIS ratings (scale 0 - 4)		HEALTH = 1 FIRE = 0 REACTIVITY = 0

Abbreviations and acronyms:

No decomposition if used according to specifications.

ADR:	The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN:	The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
ACGIH:	American Conference of Governmental Industrial Hygienists
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazardous Materials Identification System (USA)
VOC:	Volatile Organic Compounds (USA, EU)
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	Very Persistent and very Bioaccumulative
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety & Health Administration
TLV:	Threshold Limit Value
PEL:	Permissible Exposure Limit
REL:	Recommended Exposure Limit

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Wearing hypo-allergenic gloves (do not touch the contained lure with fingers), activate the lure by peeling off the outer envelope container to expose the plastic membrane containing the lure coaster. Do not puncture or open the plastic membrane containing the lure coaster. Discard the outer envelope container.

Place the lure in the center of the Window Wonder trap. The lure must be placed inside the trap with the membrane containing the lure coaster facing away from glue. If needed, the membrane containing the lure coaster can be hung using the hole on the edge.

Timing: place Window Wonder traps year-round, but in greater numbers during the early fall. Where: place Window Wonder traps at bases of windows or window cills (especially on western and southern exposures). Place Window Wonder traps containing Cluster Fly Lures as to not come in contact with children and pets. Density: as many windows as possible.

Replace Window Wonder glue boards when filled with flies and/or other insects or when overly dusty. Glue boards may remain sticky for many months. Replace lures every 30 days. The old lure can be left in the trap.

Store lures in a dry, well-ventilated and cool space. Do not smoke or eat prior to handling lures. Wash hands before and after handling lures.