Safe Handling and Deployment of Synergy Semiochemical's Lures, Tree Baits and Repellents

Synergy's semiochemical products are not toxic and harmful to the environment like some conventional pesticides. Our products attract or repel insects using nature's own chemical signals and are not designed to kill insects. It is important to understand how they work and the best practices for handling these products.

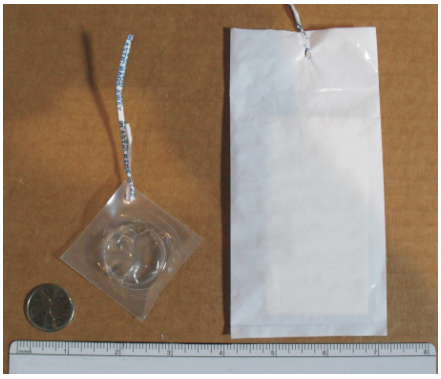
General Safety Guidelines

- Handle the products using disposable gloves.
- Do not store or place devices in or near food and drinks.
- Work in well ventilated spaces.
- Avoid contact with skin, eyes and clothing.
- In case of any liquid product contacting bare skin, please refer to the specific Safety Data Sheets (SDS) found on our website: Resources - Safety Data Sheets.
- Do not place devices in irrigation, water supplies or aquatic habitats.
- Keep away from pets or livestock.

Description of Release Devices

We prepare our funnel lures, tree baits and repellent products using plastic release devices, such as flex lures, polybottles, pouches or bubbles. The release rate is dependent on air temperature. Higher temperatures release the semiochemicals faster. Once the devices are deployed in the field, the semiochemicals diffuse into the air through the plastic membranes.

The individual release devices are often packaged in sealed small white, brown or green bags. The plastic bags containing the semiochemicals also act as a slow release device, controlling how much semiochemical is released over time.



Individual release devices, bags or pouches are placed in overpacks for shipping and storing. These overpacks can be frozen at -20 °C in an air tight container such as glass or metal (not plastic).

Freezer storage prevents normal diffusion of the semiochemicals and prolongs the life of the devices. When ready to deploy in the field, overpacks can be carefully opened using scissors to retrieve contents.

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Safe Deployment of Release Devices

The small white, brown or green bags or pouches containing lures or tree baits SHOULD NOT be opened prior to use. If the bag is accidentally opened or punctured and any free liquid is present, wear gloves to protect your skin and dispose of the damaged lure as per SDS recommendations. Any liquid contents that come in contact with your skin should be washed in warm soapy water.
Lure bags for funnel traps are hole punched to help attach the lures to traps using twist-ties or cable ties. Bags containing tree baits are nailed or stapled directly to a tree.

Synergy Shield MCH and Synergy Shield Verbenone

Repellents such as MCH and Verbenone are sold in plastic bubbles and must not be punctured when deploying on trees.

The long flashing on the bubble allows for a nail or staple to be placed safely away from the bubble's contents.

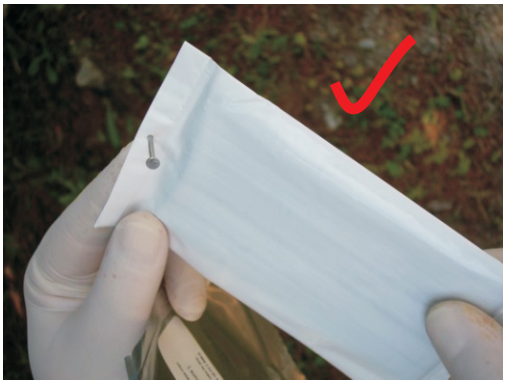
Handling bubbles with gloves is a good idea as some residue of the repellent may reside on the outside of the bubbles.

Any leaking or punctured bubbles should be handled wearing gloves and disposed of in the trash or per SDS recommendations.

Synergy Shield Verbenone

Verbenone comes in plastic pouches. The pouches should be nailed or stapled in the flashing area when deploying on trees, taking care not to puncture the liquid pouch.

Any leaking or punctured pouches should be handled wearing gloves and disposed of in the trash or per SDS recommendations.



Disposal of Spent Release Devices

Once the funnel lures, tree baits or repellents are spent, you can safely dispose of them in the regular trash. Bubbles or pouches should appear empty of liquid contents.
Small white, brown or green bags can be discarded intact into the trash.

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