

Ag Producers: Protect your workers when using insecticides

If you use insecticides (a type of pesticide; technically referred to as ectoparasiticides) on your animals to control New World screwworm flies or maggots, take steps to protect workers from insecticide poisoning. Some insecticides, like organophosphates, can harm workers, even at low levels, through skin contact, inhalation, or swallowing. Follow these safety steps to protect workers.



Choose insecticides carefully

- Only use products [for control of New World screwworm](#).
- Use the least toxic product that works.
 - Insecticides labeled 'DANGER' or 'POISON' are the highest toxicity level.
 - Highly toxic insecticides have a skull and crossbones on the label.
- Workers who apply or supervise the use of restricted use pesticides need to be certified in accordance with EPA and other federal regulations and state, territorial, and tribal laws.

Follow the label instructions

- Post insecticide safety information and emergency contacts where workers can see them. Make sure workers can access and understand the insecticide label, Fact Sheet, and Safety Data Sheet.
- Follow the label instructions for storage and disposal.

Active Ingredients
What are the main chemicals?

EPA Registration Number
U.S. laws require that EPA registers all pesticides.

Directions for Use
What germs does the product kill?
Where and how do I properly use the product?

Precautionary Statements
How risky is this product?
Do I need personal protective equipment (PPE)?

First Aid
What should I do if I get this product in my eyes, mouth, on my skin, or breathe it in?

Storage & Disposal
How should I store this product? How should I dispose of an expired product? What should I do with the container?

Label Text:

ACTIVE INGREDIENTS:
Alyl (80% C14, 20% C15, 5% C12, 5% C18)10.0%
Dimethyl Benzyl Ammonium Chloride90.0%
OTHER INGREDIENTS:90.0%
TOTAL:100.0%

EPA REG NO. 55555-55-55555

CAUTION

Directions for Use
INSTRUCTIONS FOR USE:
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
For Disinfection of Healthcare Organisms:
Staphylococcus aureus, Pseudomonas aeruginosa.
To Disinfect Hard, Nonporous Surfaces:
Pre-wash surface. Map or wipe with disinfectant solution. Allow solution to stay wet on surface for at least 10 minutes. Rinse well and air dry.

PRECAUTIONARY STATEMENTS:
Hazardous to humans and domestic animals. Wear gloves and eye protection.
CAUSES MODERATE EYE IRRITATION. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Avoid contact with foods.
FIRST AID: IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
POISON CONTROL: Call a Poison Control Center (1-866-368-5048) or doctor for treatment advice.
STORAGE AND DISPOSAL: Store this product in a cool, dry area away from direct sunlight and heat. When not in use keep center cap of lid closed to prevent moisture loss. Nonrefillable container. Do not reuse or refill this container.

Image credit: Environmental Protection Agency

Always follow the insecticide label or the Emergency Use Authorization (EUA) to prevent serious injury or death. The label is the law.



Keep insecticides off skin and out of the eyes, nose, and mouth

- Reduce worker exposure during insecticide mixing, loading, and application:
 - Use closed systems when possible.
 - Avoid spraying in windy conditions or where insecticide can contact skin, eyes, nose, mouth, or clothing.
 - Avoid applying insecticides in barns. If used indoors, allow natural ventilation (for example, open doors).
 - Follow all restricted-entry intervals on the label.
- Do not allow eating, drinking, using phones, smoking, vaping, chewing gum, or dipping tobacco in work areas.
- Do not allow workers to contact treated animals until the insecticide has dried.
- Do not enter or allow worker entry into treated areas during the restricted-entry interval.

Train workers using a language they understand

- Train workers on:
 - Good hygiene practices
 - Safe handling, mixing, and applying insecticides to animals
 - Correct use of personal protective equipment (PPE)
- Train workers to recognize the symptoms of insecticide poisoning in people and instruct them to report symptoms right away:
 - Headache, dizziness, excess sweating
 - Nausea or vomiting
 - Blurred vision or muscle twitching
 - Trouble breathing
- Train workers about the [signs and symptoms](#) of New World Screwworm and [how to prevent workplace exposure](#).

Training Resources

- [Stop New World Screwworm](#)
- [How to Use Insecticides Safely](#)



Use of PPE

- Provide PPE as required by the insecticide label:
 - Chemical-resistant gloves
 - Long sleeves and pants or coveralls
 - Eye protection
 - Chemical-resistant apron
 - Respirators
- Make sure workers wear PPE correctly when required
- If respirators are used, follow the [OSHA Respiratory Protection Standard](#) including:
 - Worksite-specific written respiratory protection program
 - Medical clearance
 - Fit testing
 - Training
- Wearing PPE can increase heat stress, especially in hot weather. Provide breaks, shade, and water to reduce heat stress when workers wear PPE.

PPE Resources

See [PPE Heat Burden](#) for steps to protect workers from heat-related illnesses when wearing PPE.

Decontaminate after use

- Provide washing and decontamination supplies at the worksite:
 - Clean water, soap, and single-use towels
 - Water for emergency eye and skin flushing
- Make sure workers:
 - Change out of contaminated clothing and PPE right away.
 - Wash the outside of their gloves before removing them.
 - Wash their hands after removing washed gloves.
 - Wash their hands after using insecticides and before eating, drinking, using phones, smoking, vaping, chewing gum, or dipping tobacco.
- Do not allow insecticide-contaminated clothing or PPE to be taken home. Keep contaminated clothing and PPE away from other clothing or laundry. Wash it separately.

Monitor workers and be ready to act

- Check on workers by sight or voice communication at least every 2 hours if they are handling highly toxic insecticides.
- Have a plan for emergency medical care of workers with symptoms of insecticide poisoning. Post the Poison Center phone number (1-800-222-1222) in a clearly visible location in the workplace.
- Consider implementing a [medical monitoring program](#) for workers depending on the type of insecticide being used. For example, consider cholinesterase testing for workers handling organophosphates.
- Monitor workers for [signs and symptoms](#) of New World Screwworm

Use insecticides safely. Protect workers, livestock, and your operation.



**For more information on NWS,
visit www.screwworm.gov**

