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## Klenze 3 Insecticide

SOLUTION

Ready-to-Use

FOR USE INSIDE LISTED BUILDINGS TO KILL LISTED PESTS. FOR USE ON INDOOR  
AND OUTDOOR ORNAMENTAL PLANTS TO CONTROL LISTED INSECT PESTS

COMMERCIAL

ACTIVE INGREDIENT: Permethrin...0.25%

Contains 1,2-benzisothiazolin-3-one at 0.019% as a preservative.

REGISTRATION NO. 33989 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

NET CONTENT: 0.5 to 200 L

Eco-Cop Inc.  
2800 Scotia Place, 10060 Jasper Ave.  
Edmonton, Alberta, T5J 3V9  
780 433 0274

#### GENERAL INFORMATION:

Klenze 3 Insecticide contains permethrin, which is a synthetic pyrethroid. It controls a broad spectrum of pests that are listed in the accompanying sections of this label. Permethrin provides rapid knockdown of listed insect pests. Although the synthetic process has increased the stability of permethrin giving it residual properties, it is still degraded by the ultraviolet rays of the sun. This results in a relatively short residual life in the presence of sunlight; however, when protected from the sun, permethrin in Klenze 3 Insecticide will provide residual activity against listed insects. Within the specified use location, to enhance effectiveness of this product, apply this product directly to the listed pest where possible.

#### RESTRICTIONS:

- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- DO NOT apply to pet bedding, people, pets, livestock or sources of electricity.
- DO NOT apply when people, pets, or livestock are present.
- DO NOT allow people, pets or livestock to contact treated surfaces until the spray has dried completely. DO NOT return pets or fishbowls for at least 4 hours after treatment.
- DO NOT spray into any electronic equipment such as radios, televisions, computers, etc. Do not use this product in or on electrical equipment due to possibility of shock hazard.
- DO NOT apply to surfaces that children, livestock or pets might contact.
- DO NOT treat firewood.
- DO NOT apply this product in nurseries, patient rooms or rooms for the elderly or infirm.
- Unless otherwise stated on this label, DO NOT apply to furniture, mattresses, linens, pet bedding, toys or clothing.
- DO NOT allow spray to drip or allow drift onto non-target surfaces.
- DO NOT apply to overhead areas or in confined spaces without appropriate respiratory and eye protection.
- In indoor areas, ventilate treated indoor areas after application either by opening windows and doors or using fans, where required, to aid in the circulation of air. Air exchange/ventilation systems confirmed to be operational may also be used.
- DO NOT apply as a broadcast or space spray.
- DO NOT contaminate food/feed. DO NOT spray food/feed or food/feed packages. DO NOT apply when a food/feed processing facility or food/feed handling area is in operation. Remove all food/feed. Do not use in areas where food/feed is being prepared or processed. Do not use in any areas where food/feed is being stored, handled or served. Remove or cover over all food/feed processing surfaces, equipment and utensils or thoroughly wash them following treatment. Any food/feed accidentally contaminated with spray solution must be discarded.
- DO NOT apply to plants grown for food or feed (e.g., fruits, vegetables, herbs) or in areas where these plants are grown).

#### DIRECTIONS FOR USE:

Klenze 3 Insecticide is ready to use. This product may be applied with the attached trigger sprayer or any commercial sprayer. Water, not petroleum distillate is used as the diluent. **SHAKE WELL BEFORE USING.**

#### HOW TO PRIME AND CARE FOR YOUR TRIGGER SPRAYER

1. After shaking product well, remove cap from container and replace with sprayer hose and cap assembly. Tighten securely.
2. Turn sprayer nozzle one-half turn counter-clockwise. Hold sprayer below the level of container and prime by pumping trigger 10-15 times until product is dispensed. Adjust nozzle to fine spray or jet stream as required.
3. After each use, thoroughly flush sprayer and hose with water. Return hose and cap assembly to container, tighten securely. Turn nozzle to "OFF" position and store above level of liquid in container to prevent leakage.

NOTE: If sprayer does not function properly, remove nozzle cover and check nozzle hole and holes in rubber component for obstructions. Check to make sure nozzle is not in "OFF" position. Replace nozzle cover, return sprayer assembly to container and proceed.

HOW TO APPLY INDOORS: Apply as a spot, crack and crevice or indoor perimeter treatment.

CRACK AND CREVICE: Crack and crevice is an application directly into narrow openings on the surface of the structure or listed item. It does not include the treatment of exposed surfaces. Narrow openings typically occur at expansion joints, utility entry points and along baseboards and mouldings.

SPOT: Spot application is localized to a surface area not more than 0.2 m<sup>2</sup>. Spots are not to be adjoining. The combined area of spots is not to exceed 10% of the total surface area of a room.

INDOOR PERIMETER: Indoor perimeter application is less than 0.3 m wide along the edges of a room to baseboards, wall-floor and ceiling-wall joints, and around doorways or windows.

FOR INDOOR USE IN THE FOLLOWING STRUCTURES: Homes, hotels, motels, hospitals (non-food areas only), transportation equipment [buses, boats, ships, trains, trucks (empty)], meat packing\* and food processing plants\*, storage areas\*, restaurants\* and other food handling areas\*, utilities, and warehouses:

\*In Food/Feed Handling Establishments such as these (that is, places other than private residences in which food/feed is held, processed, prepared or served): Non-Food/Feed Areas of food/feed handling establishments includes garbage rooms, lavatories, floor drains to sewers, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage for canned, bottled or package products. Food/Feed Areas of food/feed handling establishments include: areas of receiving; serving; storing of dry, cold, frozen or raw foods/feed; packaging such as canning, bottling, wrapping and boxing; preparing such as cleaning, slicing, cooking and grinding; storing edible waste and enclosed processing systems such as mills, dairies, edible oils and syrups.

Always pre-test a small inconspicuous area to be treated for colour fastness and staining. Evaluate 30 minutes after test application for potential staining. DO NOT apply to tapestries, wallpaper or similar materials that may stain.

For indoor uses, treatment must only be repeated after 7 days if pest problem persists or reoccurs.

**TO KILL COCKROACHES, CRICKETS, EARWIGS, SOWBUGS, SPIDERS:** Spray on indoor building surfaces and modes of transport surfaces, including cracks and crevices in walls, floors and ceilings, openings around pipes and sinks and behind baseboards.

**TO KILL FIREBRATS & SILVERFISH:** Remove all objects before treatment of bookcases, closets or other types of storage furniture where clothing, toys, towels, and other items are stored. Spray cracks and crevices in walls, floors and ceilings, along and behind baseboards, doorframes, bookcases, closets and other types of storage furniture. Treated bookcases and storage furniture must be dry before replacing stored items.

**TO KILL ANTS:** Spray trails, nests and points of entry around doors, windows and cracks and crevices in walls, floors and ceilings.

**TO KILL HOUSE FLIES:** Spot treatment only. Spray inside building surfaces around points of entry (e.g., screen frames, doors and window frames), around light fixtures and to localized areas of walls, floors and ceilings. House flies will be killed when they land and crawl on the treated building surfaces. Treatment must only be repeated after 7 days if pest problem persists or reoccurs.

**FOR USE ON INDOOR FLOWERS & ORNAMENTAL PLANTS:** For use on non-food/non-feed ornamental plants grown indoors, including shopping malls, commercial buildings. **DO NOT** use on greenhouse ornamental plants. Controls aphids and whiteflies on most plants. Use sufficient spray to obtain full coverage of all plant foliage. Do not spray to run-off. **DO NOT** exceed 49.2mL of product/m<sup>2</sup>. Remove infested plants from living areas prior to application. When leaves dry, plants can be returned to original location. Use with care on ferns, palms, and fuchsia. With all plants and especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and, therefore, a wide variety of susceptibility to injury. To check for plant injury, spray a few leaves as described above, wait 24 hours and check for possible injury. Treatment must only be repeated after 7 days if pest problem persists or reoccurs. **DO NOT** exceed 2 applications per year.

**FOR USE ON OUTDOOR ORNAMENTAL PLANTS TO KILL SUCKING INSECTS** (exposed thrips, leaf-hoppers, aphids, rose midges) and **TO KILL CHEWING INSECTS** (leaf eating caterpillars).

Toxic to bees. Do not apply during bloom. **DO NOT** apply to plants grown for food or feed. For listed insects on asters, azaleas, begonias, chrysanthemums, dahlias, delphiniums, gladioli, irises, marigolds, petunias, roses, snapdragons, evergreens, small deciduous trees, shrubs and vines: Carefully spray with slow sweeping motion keeping 30 cm to 45 cm away from the plants to avoid wetting the foliage. A light spray kills listed pests effectively. Spray only when air is still and temperature is under 32°C. Do not spray in direct sunlight – early morning or evening preferred. Use with caution on young plants and new growth. Listed insects must be contacted by spray to be killed. **DO NOT** exceed 49.2 mL of product/m<sup>2</sup>. Treatment must only be repeated after 7 days if pest problem persists or reoccurs. **DO NOT** exceed 2 applications per year.

#### PRECAUTIONS:

**KEEP OUT OF REACH OF CHILDREN.** Do not spray on plastic, painted or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, skin, clothing and avoid inhalation of vapours or spray mist. For mechanically pressurized handgun applications, wear cotton coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks, and shoes during mixing, loading, application, clean-up and repair. For other application equipment wear long pants, long-sleeved shirt, chemical-resistant gloves, shoes and socks during application, clean-up and repair. A CSA approved respirator and eye covering must be used when applying Klenze 3 Insecticide. Wash thoroughly after handling and before eating, drinking, etc.

#### ENVIRONMENTAL PRECAUTIONS:

Toxic to aquatic organisms. Toxic to birds. Toxic to bees. Toxic to beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland. Permethrin may impact predatory and parasitic arthropod species used in IPM programs within the treatment area. Unsprayed refugia for beneficial species of at least 1 metre from treatment area will help maintain beneficial arthropod populations. Toxic to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

#### FIRST AID:

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**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. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### TOXICOLOGICAL INFORMATION:

Skin exposure may cause transient sensations (tingling, burning, itching, numbness). Treat symptomatically.

**STORAGE:**

Store product in a cool and dry place, away from open flames and heat sources.

**DISPOSAL:**

Empty the container thoroughly. Follow provincial instructions for any required cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

*OPTIONAL LABEL STATEMENTS*

*Water-based*

*No conspicuous odour*

*Contains Cedar scent*

*Contains d-Limonene scent*

*Contains Lemongrass scent*

*Contains Citronella scent*

*Contains Eucalyptus scent*

*Contains Lavender scent*

*Contains Geraniol scent*