

Klenze 1 Insecticide

Contact & residual insecticide spray

For indoor use and outdoor uses on the exterior surfaces of homes, hotels, motels, non-food areas of hospitals, transportation equipment [buses, boats, ships, trains, trucks (empty), planes], meat packing and food processing plants, storage areas, restaurants and other food handling areas, utilities and warehouses to kill: Ants, Indian meal moth, fleas, brown dog ticks, cluster flies, cockroaches, crickets, earwigs, silverfish, sowbugs, bed bugs and/or spiders.

For indoor use at animal quarters and milk rooms to control house flies and stable flies.

May also be used to kill listed flies and mosquitoes on dairy cattle and horses and to control ked on sheep

SOLUTION

COMMERCIAL

ACTIVE INGREDIENT: Permethrin ... 0.70%

Contains 1,2-benzisothiazolin-3-one at 0.0193% as a preservative

REGISTRATION NUMBER 33881 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING.

KEEP OUT OF REACH OF CHILDREN.

NET CONTENTS: 250 ml to 5 L

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GENERAL INFORMATION:

Klenze 1 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 1 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 FOR ALL USES:

- 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 plants, pet bedding, people, pets, (non-target) livestock or sources of electricity.
- When treating structures, 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.
- When applied to the exterior outdoor surfaces of listed structures, DO NOT treat soil, turf or other plants adjacent to the structure.

DIRECTIONS FOR USE:

SHAKE WELL BEFORE USING. This product may be applied with the attached trigger sprayer or with any commercial sprayer.

INSTRUCTIONS FOR TRIGGER SPRAYER

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 AND OUTDOORS ON THE EXTERIOR SURFACES OF LISTED STRUCTURES: Apply as a spot, crack and crevice or void 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 m². Spots are not to be adjoining. The combined area of spots is not to exceed 10% of the total surface area of a room.

VOID: Void application applies to inaccessible, enclosed empty spaces of a structure. For example, hollow walls and suspended ceilings. Care should be taken to avoid the pesticide exiting the void.

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.

COCKROACHES, CRICKETS, EARWIGS, SOWBUGS, SPIDERS AND BROWN DOG TICKS: 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.

DO NOT SPRAY PETS WITH THIS PRODUCT. Only treat pets with products specifically registered for use on that type of pet. For effective tick control indoors, clean any area used by the pet. Cleaning the areas includes vacuuming floors, carpets, furniture, etc. (discard vacuum bag after use) and washing the pet's bedding, living quarters, and surrounding area.

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.

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

INDIAN MEAL MOTH AND HIBERNATING CLUSTER FLIES. Spray on indoor building surfaces and modes of transport surfaces, including cracks and crevices in walls, floors and ceiling, into wall voids and point of entry such as around windows and doorframes. This product may also be applied in machinery.

BED BUGS: DO NOT apply to furniture, mattresses, linens, pet bedding, toys or clothing. Apply/spray on indoor building and modes of transport surfaces, including directly into cracks and crevices in walls, floors and ceilings, along and behind baseboards, moldings and floors underneath objects such as the bed and nightstand.

FOR INDOOR USE AT ANIMAL QUARTERS AND MILK ROOMS:

DO NOT apply when milk rooms are in operation. Milk cans and/or bulk tanks must be removed or covered during treatment. Cover all surfaces of milking equipment or thoroughly wash them following treatment. Any food/feed (e.g., milk) accidentally contaminated with spray solution must be discarded. DO NOT reapply this product for at least 14 days. Treatment must only be repeated after 14 days if pest problem persists or reoccurs. DO NOT exceed 12 applications per year. Livestock returned to treated areas cannot be slaughtered for a minimum of 7 days after the treatment was applied to the livestock facility.

FOR SPOT CONTROL OF HOUSE FLIES AND STABLE FLIES, direct the spray to the surface of walls, ceilings, stalls, stanchions, foundations, light fixtures and points of entry (e.g., doors and window frames).

FOR OUTDOOR USE ON THE EXTERIOR SURFACES OF THE FOLLOWING STRUCTURES: Homes, hotels, motels, hospitals (non-food areas only), meat packing and food processing plants, storage areas, restaurants and other food handling areas, utilities, warehouses, garbage cans and porches, patios and decks:

Application to vinyl and aluminum siding (particularly lightly coloured, aged, weathered or otherwise damaged) may result in staining, bleaching or discoloration. Factors such as extreme heat and direct sunlight can promote damage. Always pre-test a small inconspicuous area to be treated for colour fastness and staining. Pre-test siding. Evaluate 30 minutes after test application for potential staining. Never apply to vinyl or aluminum siding while exposed to direct sunlight or during the heat of day.

For outdoor exterior surface uses, treatment must only be repeated after 14 days if pest problem persists or reoccurs.

ANTS, CRICKETS, FLEAS, SPIDERS, SOWBUGS AND BROWN DOG TICKS: Spray outdoors on the exterior surfaces of buildings, including foundations, under eaves troughs, light fixtures and points of entry (e.g., screens, window frames and doors). This product may also be used to treat porches, patios, decks and garbage cans.

FOR HOUSEFLIES, apply as a spot treatment only. Spray outdoors on the exterior surfaces of buildings, including foundations, light fixtures and points of entry (e.g., screens, window frames and doors). This product may also be used to treat porches, patios, decks and garbage cans.

TO TREAT DAIRY CATTLE, HORSES AND SHEEP:

TO PROTECT BOTH LACTATING AND NON-LACTATING DAIRY CATTLE FROM ATTACKS OF FACE FLIES, HORN FLIES AND MOSQUITOES: Spray lightly on each side being careful to spray back, withers and forelegs thoroughly. For face flies, spray the face and head, but do not spray into eyes. **DO NOT** apply more than 135 mL product per animal per application. Make no more than 2 applications per year. Treatment must only be repeated after 8 days if pest problem persists or reoccurs. Leave a 7-day interval between last application and slaughter.

TO PROTECT HORSES FROM ATTACKS OF HORSE FLIES, FACE FLIES, HOUSE FLIES, HORN FLIES, BLACK FLIES AND MOSQUITOES: Spray lightly on each side being careful to spray back, withers and forelegs thoroughly. For face flies, spray the face and head, but do not spray into eyes. **DO NOT** apply more than 55 mL product per animal per treatment. Treatment must only be repeated after 7 days if pest problem persists or reoccurs. **DO NOT** use on horses intended for slaughter.

FOR CONTROL OF KED ON SHEEP: Spray animal lightly on each side being careful to spray back, withers and forelegs thoroughly. **DO NOT** apply more than 20 mL of product per animal. Apply only 1 treatment per year. Leave a one-day interval between last application and slaughter.

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. 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 1 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.

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 this product away from food or feed, 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

Long-lasting activity against brown dog ticks, fleas and spiders

Non-flammable

No propellant

Water-based

Contains Cedar scent

Contains d-Limonene scent

Contains Lemongrass scent

Contains Citronella scent

Contains Eucalyptus scent

Contains Lavender scent

Contains Geraniol scent