

2023-2282

2023-11-01

Label correction made 2024-02-28

This label has been updated according to the re-evaluation decisions of Pyrethrins and Its Associated End-use Products (RVD2023-06) and Piperonyl Butoxide and Its Associated End-use Products (RVD2023-07). While users are encouraged to follow this updated label immediately, the previously approved label is valid until 2/9/2024 in accordance with the phase out period set out in RVD2023-06 and RVD2023-07. This previously approved label will be provided upon request by emailing [hc.pmra.info-arla.sc@canada.ca](mailto:hc.pmra.info-arla.sc@canada.ca). In your email please include the product name and Registration number of the label you are requesting.

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**KNOCK DOWN® EQUINE FLY SPRAY**

**UNSCENTED**

**INSECTICIDE  
INSECT REPELLENT**

For indoor use and for limited outdoor use on the exterior surfaces of horse barns/stables to kill and repel Stable flies, Horse flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges.

**FOR USE ON HORSES AND PONIES ONLY**

Kills and repels fleas, chiggers, ticks, lice, face flies, and flies listed above.

**DO NOT** use on newborn or nursing foals. **DO NOT** use on sick animals or animals under drug or pesticide treatment. Before use on pregnant animals, consult a veterinarian. Use on show, race, work or pleasure horses only. **DO NOT** use on horses intended for slaughter

**Solution**

**DOMESTIC  
READ THE LABEL BEFORE USING**

**ACTIVE INGREDIENTS:**

Pyrethrins ..... 0.05%  
Piperonyl Butoxide ..... 0.50%  
Permethrin ..... 0.10%

Contains Sodium Benzoate at 0.20% as a preservative OR

Contains Sodium Benzoate at 0.60% as a preservative OR

Contains Sodium Benzoate at 0.80% as a preservative OR

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

REG. NO. 33823 P.C.P. ACT

**NET CONTENTS: 1 to 4 L  
KEEPOUT OF REACH OF CHILDREN**

**CAUTION: See back panel for additional precautionary statements**

KUUS INC. Value added Family products™  
450TAPSCOTT RD UNIT 5-6A  
Toronto, ON M1B 1Y4  
1-800-267-0455

PROUDLY MADE IN CANADA

[www.kuu.com](http://www.kuu.com) , [www.knockdownbugs.com](http://www.knockdownbugs.com) , [www.mosquitoshield.com](http://www.mosquitoshield.com),

Manufacturers of Mosquito Shield Insect Repellents

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## 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.

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

## TOXICOLOGICAL INFORMATION

Treat symptomatically.

Skin exposure may cause transient sensations (tingling, burning, itching, numbness). Other symptoms of exposure could include respiratory effects (such as cough, respiratory irritation, or shortness of breath), nausea, headache or dizziness.

## PRECAUTIONS

**KEEP OUT OF REACH OF CHILDREN:** For animal use only. Not for use on humans. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist. Avoid contact by mouth, with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**DO NOT** use this product in or on electrical equipment due to the possibility of shock hazard. **DO NOT** apply using handheld or stationary fogging or misting equipment. **DO NOT** apply as a space spray. Space spray: Space application is a suspension of fine droplets (0.1 to 100µm) in the air.

## DIRECTIONS FOR USE

### FOR INDOOR USE AT HORSE BARN/STABLES AND FOR LIMITED OUTDOOR USE ON THE EXTERIOR SURFACES OF HORSE BARN/STABLES

#### Use Limitations

- **DO NOT** apply when people or pets are present.
- **DO NOT** allow people or pets to enter treated areas until sprays have dried.
- **DO NOT** apply to surfaces that may come into contact with food/feed. Cover or remove all food/feed. Cover 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 overhead areas or in confined spaces (e.g., indoors in attics, crawlspaces, small storage rooms, closets; and outdoors to eaves, soffits).
- **DO NOT** allow spray to drip or allow drift onto non-target surfaces
- When applied indoors: Ventilate treated areas after application either by opening windows and

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doors or using fans, where required, to aid in the circulation of air.

- When applied to the exterior outdoor surfaces of buildings: **DO NOT** treat soil, turf or other plants adjacent to the building. **DO NOT** treat patios, porches, decks, gazebos or play structures.
- **DO NOT** apply to people, pets, livestock or sources of electricity.
- **DO NOT** apply more than 12 applications per year.

### How to Apply

**DO NOT** APPLY AS A SPACE SPRAY, PERIMETER TREATMENT OR INDOOR BROADCAST TREATMENT. Apply as an indoor or outdoor crack and crevice or spot treatment or outdoor broadcast treatment only. Crack and crevice is an application directly into narrow openings on the surface of the structure. 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 application is localized to a surface area not more than 0.2 m<sup>2</sup>. Spots are not to be adjoining and the combined area of spots is not to exceed 10% of the total surface area of a room (indoors) or total surface area treated (outdoors). Broadcast application is to large outdoor structural surfaces (roofs, walls, doors, windows and foundations).

**To kill and repel** Stable flies, Horse flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges: For indoor use at horse barns/stables and for limited outdoor use on the exterior surfaces of horse barns/stables only. Apply to localized areas of walls, ceilings, stalls, stanchions and foundations, around light fixtures and places where listed insects may enter (e.g., windows and doors). To enhance effectiveness of this product, apply directly to the listed pests where possible. Spray on the outside of door facings and screens to render area unattractive to listed insects. This helps to repel insects and prevent entrance into the building. Treatment must only be repeated after 14 days if pest problem persists or reoccurs. Good sanitary practices should be maintained to prevent re-infestation. **DO NOT** exceed 8.6mL per m<sup>2</sup>.

### FOR USE ONLY ON HORSES AND PONIES

#### Use Limitations

- **DO NOT** use on newborn or nursing foals.
- Use on show, race, work or pleasure horses only. **DO NOT** use on horses intended for slaughter.
- **DO NOT** soak skin. **DO NOT** exceed 40mL per animal per treatment.
- **DO NOT** treat eyes/eyelids and mucous membranes (e.g., nose, mouth, genitals).
- **DO NOT** cover horses/ponies immediately after treating/after treatment.
- **DO NOT** apply to back of horse/pony prior to saddling.
- **DO NOT** use on sick animals or animals under drug or pesticide treatment. Before use on pregnant animals, consult a veterinarian.
- Avoid contact with treated horse/pony until dried.
- Discontinue use if horse/pony develops irritation after treatment with this product.
- Use **ONLY** in a well-ventilated area, preferably outdoors.
- **DO NOT** apply when people are present.
- **DO NOT** allow spray to drip or allow drift onto non-target surfaces.
- **DO NOT** apply more than once per day. Treatment must only be repeated after one day if pest problem persists or re-occurs. A veterinarian should be consulted when pest infestation continues to be a problem on the horse/pony.

**To kill and repel** Stable flies, Horse flies, Face flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges, Fleas, Chiggers, Ticks, Lice:

This product is to be applied directly to the horse/pony as a spray with a trigger spray applicator or as a wipe-on. Prior to treatment, thoroughly brush horse/pony to remove excess dirt and dust and remove mucous secretions from face of the horse/pony. Extremely dirty horses/ponies should be shampooed, rinsed and allowed to dry before treatment. After application, brush thoroughly to bring out bright sheen on the coat.

**Spray Method:** Apply a light, uniform spray to thoroughly coat the hair of the horse/pony, while brushing lightly against lay of the hair. **DO NOT** wet horse's/pony's skin. Target areas of the horse/pony commonly attacked by listed pests such as the legs, flanks and topline of the horse/pony. If possible, apply directly to ticks. **DO NOT** apply as a spray to the face of the horse/pony. When applying to the face of the horse/pony, use the Wipe-On Method as described below.

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**Wipe-On Method:** Use this method to apply to the face and other sensitive areas to avoid application to eyes and mucous membranes (e.g., nose, mouth, genitals). To use as a wipe-on, moisten (not to the point of dripping) a clean, soft cloth/sponge/mitt with **KNOCK DOWN® EQUINE FLY SPRAY**. Thoroughly rub the moistened cloth/sponge/mitt over the area of hair of the horse/pony to be protected. It is best to apply by rubbing against the hair growth. Give special attention to the legs, shoulders, shanks, neck and facial areas (where flies and ticks most often are seen on the horse/pony).

#### **STORAGE**

Store in the original container in a well-ventilated room. Store in a cool, dry place. Protect from heat, sun and humidity. Do not contaminate food, feed or water by the storage and disposal of this product.

Store this product away from food or feed.

#### **DISPOSAL**

**DO NOT** reuse the empty containers. Dispose in household garbage. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

#### **Additional claims:**

- **Water based.**
- **RESIDUAL INSECTICIDE AND REPELLENT FOR HORSES.**
- **17-Day Protection against listed flies and mosquitoes.**
- **Quick kill of Listed Pests.**