

2023-3229

2024-04-03

This label has been updated according to the re-evaluation decision of Pyrethrins RVD2023-06 and Piperonyl Butoxide RVD2023-07. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 09-02-2024 in accordance with the phase out period set out in the re-evaluation decision of Pyrethrins RVD2023-06 and Piperonyl Butoxide 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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**K-G Flying Insect Killer XII**

PRESSURIZED SPRAY

COMMERCIAL

**For indoor use at MILKING PARLOURS, MILK ROOMS, MILK HOUSES, ANIMAL QUARTERS, DAIRY BARNs, HORSE BARNs, PIGGERIES, LIVESTOCK SHELTER SHEDS, FOOD PROCESSING PLANTS, RESTAURANTS, HOTELS, HOSPITALS AND OTHER COMMERCIAL AND INDUSTRIAL BUILDINGS to kill and repel Stable flies, horse flies, Face flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges, Wasps, Cockroaches, Ants, Spiders, Silverfish, Crickets, Centipedes, Carpet beetles, Dog fleas, Cat fleas, Brown dog ticks, American dog ticks, Bed bugs.**

**For use on beef and dairy cattle (lactating and non-lactating) to kill and repel listed flies (Stable flies, Horse flies, Face flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges).**

**ACTIVE**

**INGREDIENTS:**

Pyrethrins 0.30%

Piperonyl Butoxide 2.40%

REGISTRATION NO. 24249 PEST CONTROL PRODUCTS ACT

NET CONTENTS; 450-600 g

**DANGER**

**EXTREMELY FLAMMABLE**

**EXPLOSIVE**

READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

PLZ CORP. f/k/a K-G SPRAY-PAK INC.  
8001 Keele Street  
Vaughan, Ontario  
L4K 1Y8  
905-669-9855

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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 center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. **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 center or doctor for further treatment advice. **If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for 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 center 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:** Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN **DO NOT** remain in treated areas. Avoid inhalation of spray. Avoid contact with skin and eyes. Wash after using. CONTENTS UNDER PRESSURE. **DO NOT** place in hot water or near radiators, stove or other sources of heat **DO NOT** puncture or incinerate can or store at temperatures over 50°C. **DO NOT** spray into or near any open flame, spark, or while smoking.

**DIRECTIONS FOR USE: SHAKE WELL BEFORE USING. Hold can upright while spraying.**

- **FOR USE:** In MILKING PARLOURS, MILK ROOMS, MILK HOUSES, ANIMAL QUARTERS, DAIRY BARNs, HORSE BARNs, PIGGERIES, LIVESTOCK, SHELTER SHEDS, FOOD PROCESSING PLANTS, RESTAURANTS, HOTELS, HOSPITALS AND OTHER COMMERCIAL AND INDUSTRIAL BUILDINGS.
- **KILLS and REPELS:** Stable flies, Horse flies, Face flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges, Wasps, Cockroaches, Ants, Spiders, Silverfish, Crickets, Centipedes, Carpet beetles, Dog fleas, Cat fleas, Brown dog ticks, American dog ticks, Bed bugs.

FOR USE INSIDE THE FOLLOWING STRUCTURES: MILKING PARLOURS, MILK ROOMS, MILK HOUSES, ANIMAL QUARTERS, DAIRY BARNs, HORSE BARNs, PIGGERIES, LIVESTOCK SHELTER SHEDS, FOOD PROCESSING PLANTS, RESTAURANTS, HOTELS, HOSPITALS AND OTHER COMMERCIAL AND INDUSTRIAL BUILDINGS.

Within the specified use location, to enhance effectiveness of this product, apply directly to the listed pests where possible. For all labelled uses, treatment must only be repeated after 7 days if pest problem persists or reoccurs. Good sanitary practices should be maintained to prevent re-infestation.

### Use Limitations

- **DO NOT** apply when people or pets are present. Additionally for space applications, **DO NOT** apply when livestock are present.
- **DO NOT** apply when a food/feed processing facility, milking parlour or milk house is in operation.
- **DO NOT** apply to surfaces that may come into contact with food/feed. Cover or remove all food/feed (including bulk tanks that contain milk). Cover or remove all milking equipment and thoroughly wash before use. Cover all food/feed processing surfaces, equipment and utensils or

thoroughly wash them following treatment. Any food/feed (including milk) accidentally contaminated with spray solution must be discarded.

- **DO NOT** apply to overhead areas or in confined spaces without appropriate respiratory and eye protection.
- Ventilate treated 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.
- When applied as a space treatment: **DO NOT** remain in treated areas after application. **DO NOT** allow people, pets, or livestock to enter treated areas until 2 hours after application. The commercial applicator is responsible for informing workers and others of this requirement.
- When applied as a surface treatment: **DO NOT** allow spray to drip or allow drift onto non-target surfaces. **DO NOT** allow people or pets to enter treated areas until sprays have dried.]

### **How to Apply**

**DO NOT APPLY AS A BROADCAST TREATMENT.** Apply as a space spray, crack and crevice, perimeter, spot, or furniture (pet bedding, mattresses, box springs and bed frames only) treatment only. Space application is a suspension of fine droplets in the air within an indoor space. 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. 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. 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. Furniture treatment: *broadcast application* covers large areas of the entire surface of items; *crack and crevice treatments* are applications to junction points on items; *spot application* is up to 10% of the surface of the item; and *tuft and/or seam treatment* (mattresses only) is to the junction of two or more pieces of fabric and any decorative trim (e.g., buttons).

### **SPACE APPLICATION:**

**To kill and repel Stable flies, Horse flies, Face flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges inside Milking Parlours, Milk Rooms, Milk Houses, Animal Quarters, Dairy Barns, Horse Barns, Piggeries, Livestock Shelter Sheds, Food Processing Plants, Restaurants, Hotels, Hospitals and other Commercial and Industrial Buildings:** In hospitals, **DO NOT** use in nurseries or rooms where infants, ill or aged persons are confined: Before using as a space spray in structures with livestock, remove all livestock from area to be treated. Close all windows and doors and shut off all ventilating systems and sources of ignition before treatment. While holding (can/container) (upright) at arm's length, direct the spray upward (in sweeping motion) to all parts of the room, especially ceiling, upper corners of the room, windows and other light sources. Begin application at far side of the room and work backwards toward exit. **DO NOT** exceed 3.01g/m<sup>3</sup> (0.66 seconds per m<sup>2</sup>) Vacate the treated area and keep windows and doors closed for 15 minutes before ventilating. For ventilation and re-entry requirements, see "Use Limitations" (above). (After the re-entry interval has passed, clean up dead insects.) (Spray only when temperature is under 32°C.) (In shelter shed use, applications may be influenced by openness and air currents.)

### **SURFACE APPLICATION:**

To kill and repel Cockroaches, Ants, Spiders, Silverfish, Crickets, Centipedes, Carpet beetles, Dog fleas, Cat fleas, Brown dog ticks, American dog ticks: Thoroughly treat indoor structural surfaces, including cracks and crevices in walls, floors, and ceilings; along and behind baseboards; walls behind and floors beneath appliances (e.g., refrigerators and stoves) and furniture (e.g., cabinets and

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storage units) ; around sinks drains and pipes; localized areas around garbage cans; and other structural elements where listed insects hid. For ants, also sprays trails, nests, and points of entry (e.g., around windows and doors). **DO NOT** exceed 18.5 g/m<sup>2</sup> (4.1 seconds per m<sup>2</sup>).

**To kill and repel bed bugs :** **DO NOT** use on items which can be laundered (e.g., pillows, bedding, toys, clothing, etc.). Remove bedding before treating mattress. Spray mattress, particularly around the tufts and seams. Take bed apart and spray the bed frame, springs, and all joints. Treated mattress must be dry before replacing laundered bedding. **DO NOT** exceed 18.5 g/m<sup>2</sup> (4.1 seconds per m<sup>2</sup>).

**To kill and repel bed bugs:** **DO NOT** use on items which can be laundered (e.g., pillows, bedding, toys, clothing, etc.). Remove bedding before treating mattress. Spray mattress, particularly around tufts and seams. Take bed apart and spray the bed frame, springs, and all joints. Treated mattress must be dry before replacing laundered bedding. Also apply to indoor structural surfaces, including cracks and crevices in walls, floors, and ceilings; along and behind baseboards and mouldings; and localized areas of walls behind and floors beneath furniture (e.g., bed and nightstand). **DO NOT** exceed 18.5 g/m<sup>2</sup> (4.1 seconds per m<sup>2</sup>).

**To kill and repel Dog fleas Cat fleas, Brown dog ticks, American dog ticks:** **DO NOT** apply to furniture (with the exception of pet bedding), mattresses, linens, toys, or clothing. Apply to indoor structural surfaces, including cracks and crevices in walls and floors; along and behind baseboards, window, and door frames; and localized areas of floors and floor coverings. Pet bedding may be entirely treated with this product or replaced with clean, fresh bedding after other listed areas are treated. **DO NOT** exceed 18.5 g/m<sup>2</sup> (4.1 seconds per m<sup>2</sup>). **DO NOT** SPRAY PETS WITH THIS PRODUCT. Only treat pets with products specifically registered for use on that type of pet. For effective flea and 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.

#### **FOR USE ON (LIVESTOCK) BEEF AND DAIRY CATTLE (LACTATING AND NON-LACTATING)**

##### **Use Limitations**

- **DO NOT** exceed 36.7 g (8.2 seconds per m<sup>2</sup>) per animal per treatment.
- **DO NOT** treat eyes/eyelids and mucous membranes(e.g., nose, mouth, genitals).
- **DO NOT** use on sick animals or animal under drug or pesticide treatment. Before use on pregnant animals, consult a veterinarian.
- Discontinue use if animal develops irritation after treatment with this product.
- Treat dairy cattle at least 20 minutes before milking. **DO NOT** spray directly on udders. Wash udders before milking.
- **DO NOT** contact treated animals until sprays have dried.

**To treat listed livestock against Stable flies, Horse flies, Face flies, Deer flies, House flies, Horn flies, Mosquitoes, Biting midges:** Apply a light, uniform spray at the rate of exceed 36.7 g (8.2 seconds per m<sup>2</sup>) per animal, taking care to treat back, withers and forelongs. Thoroughly coat the hair of the animal – **DO NOT** wet the skin. **DO NOT** apply as a spray to the face of the animal. To treat the face, moisten (not to the point of dripping) a clean, soft cloth with product and thoroughly rub the moistened cloth on the face of the animal, being certain to avoid contact with the eyes/eyelids and mucous membranes. **DO NOT** apply more than once per day during peak fly season. **DO NOT** apply more than once a week during non-peak fly season. Treatment must only be repeated if pest problem persists or reoccurs.

For resistance management, **K-G Flying Insect Killer XII** contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to **K-G Flying Insect Killer XII** and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of

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insecticides is used repeatedly in the same locations. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed. To delay insecticide resistance:

- Where possible, rotate the use of **K-G Flying Insect Killer XII** or other Group 3 insecticides with different groups that control the same pests in the location to be treated.
- Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological, and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact {company representatives} at 866-836-8855 or at {Internet site}.

#### **STORAGE**

Store this product away from food or feed.

**DISPOSAL:** When container is empty, press valve to release all remaining pressure. Dispose of empty container in accordance with provincial requirements. 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 information on the clean-up of spills.