

2023-2724

2024-03-19

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 03/02/2025 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. In your email please include the product name and Registration number of the label you are requesting.

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**Poulin's
Liquid Insecticide
COMMERCIAL**

READ THE LABEL BEFORE USING

ACTIVE INGREDIENTS:

Pyrethrins.....0.43%
Piperonyl Butoxide.....4.10%

**REGISTRATION No. 25364
PEST CONTROL PRODUCTS ACT**

Manufactured by:
**POULIN'S PEST CONTROL
24 Poulin Drive
Winnipeg, Manitoba**

Net Contents:

POULIN'S LIQUID INSECTICIDE is
for indoor use in barns, milking parlours, milk houses, food processing plants, meat
packing plants, food plants, restaurants, supermarkets, hospitals, motels and hotels
to control flies, fruit flies, mosquitoes, wasps, hornets, Indian meal moths,
Angoumois grain moths, Mediterranean flour moths, cockroaches, silverfish,
firebrats, booklice, bed bugs, ants, crickets, spider beetles, saw-toothed grain
beetles, granary weevils, rice weevils, dermestids, spiders, ticks, millipedes,
centipedes, sowbugs.

PRECAUTIONS

READ THE LABEL BEFORE USING

**KEEP OUT OF REACH OF
CHILDREN DO NOT TAKE
INTERNALLY**

**HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH
THE SKIN.**

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 Product Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

FIRST AID: If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. 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: Treat symptomatically.

Avoid inhalation and skin contact. Wash all skin and surfaces after contact. Keep product away from fire, open flame or other source of heat. Do not spray in presence of flame (including pilot lights) or spark, or while smoking. Turn off electric heating elements. Store away from heat or flame. Fabrics which are soiled or dusty may be stained by insecticidal fogs.

THIS PRODUCT CONTAINS PETROLEUM DISTILLATE. Do not store, pour or use near open flame. Wear mask or respirator and protective clothing when applying spray mist.

PRECAUTIONS

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading application, clean-up and repair.

If entering treated areas prior to venting or before 2 hour re-entry interval after application using a mechanically-pressurized handheld sprayer for mists, aerosols, and fogs (droplet sizes 0.1-100 μm) or stationary fogger, and for application using a mechanically-pressurized handheld sprayer for mists, aerosols, and fogs, wear chemical-resistant

coveralls with a chemical-resistant hood over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides. For mixing and loading, and application using all other application equipment, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair.

DO NOT allow people or pets or livestock to enter treated areas until sprays have dried, unless otherwise specified.

DO NOT apply to furniture, mattresses, linens, pet bedding, toys or clothing.

DO NOT handle more than 6.6 L of product per person, per day when using a mechanically-pressurized handheld sprayer for mists, aerosols, and fogs (droplet size 0.1- 100 µm). These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators.

DIRECTIONS FOR USE:

For indoor use at the following structures: barns, milking parlours, dairies, food processing plants, meat packing plants, restaurants, supermarkets, hospitals, motels, and hotels.

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 or pets 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. Use a coarse droplet size and low pressure spray not exceeding 345 kPa (50 psi) to avoid splashing onto non-target surfaces. **DO NOT** allow people or pets or livestock to enter treated areas until sprays have dried.

How to Apply

POULIN'S LIQUID INSECTICIDE is effective as a fog or surface spray. **DO NOT APPLY AS A BROADCAST OR SPOT TREATMENT.** Apply as a space spray, crack and crevice or perimeter treatment only. Space application is a suspension of fine droplets (0.1 to 100 µm) 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.

GENERAL DIRECTIONS PRIOR TO THE TREATMENT OF LISTED STORED PRODUCT PESTS: Good sanitation is necessary for effective treatment of listed stored product pests. Before treatment, remove and dispose of all residues (e.g., deposits and accumulations of food/feed products, waste grain, debris, dust, dirt) and thoroughly vacuum and clean indoor structural surfaces, including walls, floors, ceilings, rafters and door frames; interior and exterior surfaces of conveying, processing and handling equipment; pantries, cabinets, drawers and shelves; and around stored product containers, especially in cracks and crevices (discard vacuum bag after use).

GENERAL DIRECTIONS FOR SPACE APPLICATIONS: 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 ventilating systems and sources of ignition before treatment. When using handheld equipment, begin application at far side of the room and work backwards toward exit. After treatment, vacate the treated area and keep windows and doors closed for 2 hours before ventilating. For ventilation and re-entry requirements, see "Use Limitations" (above).

To control flies, fruit flies, mosquitoes, wasps, hornets, Indian meal moths,

Angoumois grain moths, Mediterranean flour moths: Fog POULIN'S LIQUID INSECTICIDE at a rate of 28.5 mL per 27 m³, using the Jet-Fogger or Permanent Atomizer. Direct the fog to all parts of the room, especially upward to ceiling, upper corners of the room, windows, and other light sources, and around pallets, stacks of stored products and stored product containers.

To control exposed stages of cockroaches, silverfish, firebrats, booklice, bed bugs, ants, crickets, spider beetles, saw-toothed grain beetles, granary weevils, rice weevils, dermestids, spiders, ticks, millipedes, centipedes, sowbugs: Fog POULIN'S LIQUID INSECTICIDE at a rate of 28.5 mL per 27 m³ using a Jet Fogger, 1600 Fogger or Permanent Atomizer. Direct the fog to all parts of the room, especially around pallets, stacks of stored products and stored product containers.

GENERAL DIRECTIONS FOR SURFACE APPLICATIONS

To control exposed stages of cockroaches, silverfish, firebrats, booklice, bedbugs, ants, crickets, spider beetles, saw-toothed grain beetles, granary weevils, rice weevils, dermestids, spiders, ticks, millipedes, centipedes, sowbugs: Apply POULIN'S LIQUID INSECTICIDE at a rate of 0.7 to 2.0 L per 6 m in a 3 to 5 cm band using the 610-S sprayer. Thoroughly treat cracks and crevices and indoor perimeter 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 storage units); floors beneath equipment; undersides of worktables; around sinks, drains and pipes; behind escutcheon plates; surfaces of elevator shafts and pits; around garbage areas and laundry carts; empty shelves; and other structural elements where listed insects hide. For ants, also spray trails, nests and points of entry (e.g., around windows and doors). Coat treated surfaces with a dew-like mist. Treated shelves must be dry before replacing stored items.

TO CONTROL ADULT BITING FLIES AND MOSQUITOES IN OUTDOOR AREAS:

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

This product is designed for use in all thermal powered foggers.

Avoid treatment of streams, lakes, or ponds where valuable fish may be harmed.

Use Poulin's Liquid Insecticide in a thermal aerosol generator. Repeat to control adult biting flies when necessary.

Poulin's Liquid Insecticide is to kill mosquitoes that may carry West Nile Virus and biting including house flies, stable flies, black flies and biting midges.

Works in and around your garden, lawn, deck, patio or swimming pool.

Thermal fogging becomes a virtually odor-free fog that moves through the air to penetrate dense foliage to kill listed insects where they live and hide.

STORAGE:

Store this product away from food or feed.

DISPOSAL:

1. Thoroughly empty the contents of the container into the application device.
2. Make the empty container unsuitable for further use.
3. Dispose of the container in accordance with provincial requirements.
4. 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.

RESISTANCE MANAGEMENT

For resistance management, please note that POULIN'S LIQUID INSECTICIDE contains a Group 3 insecticide/acaricide. Any insect or mite population may contain individuals naturally resistant to POULIN'S LIQUID INSECTICIDE and other Group 3 insecticides or acaricides. The resistant individuals may dominate the insect or mite population if this group of insecticides/acaricides are 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 POULIN'S LIQUID INSECTICIDE or other Group 3 insecticides/acaricides with different groups that control the same pests indoors.

Insecticide/acaricide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

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