



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 26, 2026

Thomas A. Lennan  
Senior Regulatory Affairs Specialist  
McLaughlin Gormley King Company D/B/A MGK  
7325 Aspen Ln N  
Minneapolis, MN 55428

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: PRAMEX GENERAL PURPOSE AQUEOUS INSECTICIDE II  
30222  
EPA Registration Number: 1021-2687  
Case Number: 476676  
Application Dates: December 7, 2020

Dear Thomas A. Lennan:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Samantha Carter by phone at (202) 566-1179, or via email at [carter.samantha@epa.gov](mailto:carter.samantha@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style.

Jaclyn Pyne, Team Leader  
Risk Management and Implementation Branch 3  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

# PRAMEX® GENERAL PURPOSE AQUEOUS INSECTICIDE II 30222

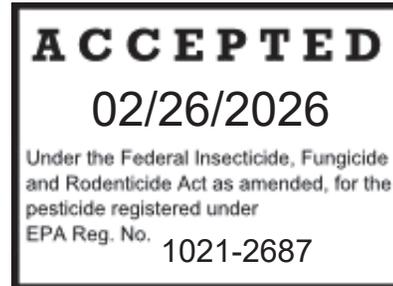
- [A Ready-To-Use Pramex® Stable Emulsion Insecticide
- For Use Outdoors, in Homes and Non-Food Areas of Food/Feed Processing Establishments, Kennels, Commercial Buildings, Warehouses, Theaters, Office Buildings, Schools, Motels, and Hotels
- For Control of Fleas, Brown Dog Ticks and Lice on Premises and on Dogs
- For Control of Ticks which may cause Lyme disease on Premises
- Controls Fleas and Ticks on Dogs for 14 Days]

ACTIVE INGREDIENT:	
Permethrin* .....	0.50%
OTHER INGREDIENTS: .....	99.50%
	<u>100.00%</u>

\* Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

PRAMEX® is a registered trademark of McLaughlin Gormley King Company.

**PRECAUCIÓN AL CONSUMIDOR:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
**(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)



## KEEP OUT OF REACH OF CHILDREN CAUTION

See Rear Panel For Additional Precautions

For information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.

Manufactured by:



7325 Aspen Lane North  
Minneapolis, MN 55428

EPA Reg. No. 1021-2687

EPA Est. No. 1021-MN-2

Net Contents \_\_\_\_\_

**READ ENTIRE LABEL BEFORE EACH USE  
PET USE APPLIES TO USE ONLY ON DOGS**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION**

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers, loaders, applicators and other handlers (including during mixing/loading, repair and cleaning of equipment and disposal of pesticide), must wear the following:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, nitrile rubber neoprene or viton.
- Shoes plus socks

In addition to the above PPE, mixers and loaders and/or applicators using high-pressure hand wand in an enclosed area must wear at least a particulate respirator with any N, R or P filter with approval prefix TC-84A.

In addition to the above PPE, applicators using handheld foggers in an enclosed area must wear a half-face or full face or hood style NIOSH-approved particulate respirator with any N,R or P filter with approval prefix TC-84A or a gas mask with a canister filter with NIOSH approval prefix TC-14G or A NIOSH-approved powered air purifying respirator (PAPR) with HE filter.

**USER SAFETY RECOMMENDATIONS**

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutter or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in the treatment area.

***[Containers equal or greater than 5 gallons:]***

[Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.]

**DIRECTIONS FOR USE**

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

For both indoor and outdoor use

**Entry Restrictions:**

- [For surface spray use] Except when applying to [dogs,] [livestock] [and clothing], do not enter or allow others to enter treated area until sprays have dried.
- [For space spray use] Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

**Application Restrictions:**

- Except when applying to [dogs,] [livestock] [and clothing], do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to [dogs,] [livestock] [and clothing], only protected handlers may be in the area during application.

**Use Restrictions:**

- Do not breathe vapors or spray mist.
- Do not apply when food is present.

- Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.
- May be applied in non-food/feed areas. Non-food/feed establishment areas are areas such as garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after canning or bottling).
- In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.
- Remove or cover exposed food and drinking water before application.
- Do not contaminate animal feed or water during application.
- Do not apply as a broadcast treatment to indoor surfaces at residential sites, including nurseries, daycare centers, schools, hospitals, and nursing homes.
- Do not use in aircraft cabins.
- Do not use on electrical equipment or on surfaces that can be harmed or stained by water.
- Not for plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks or on golf courses or lawns and grounds.
- Not for use in outdoor or indoor residential misting systems.
- Remove pets, birds and cover any water inhabited by fish (such as aquariums and ornamental fish ponds) before application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- [Alternate text for pet care: Do not apply to dogs less than 12 weeks old. Consult a veterinarian before using this product on medicated, debilitated, aged, pregnant or nursing animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.]
- [Alternate text - When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.]
- Spot treatments must not exceed two square feet in size.
- Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



- Do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- Do not water the treated area to the point of runoff.
- Do not apply when the wind speed is greater than 15 mph.
- All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
- All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
  2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
  3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
  4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
  5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
  6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.
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#### **SHAKE WELL BEFORE USING**

For Crack and Crevice Treatments:

Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants

## INDOOR APPLICATION

For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.

### SURFACE SPRAYING:

TO CONTROL **Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetles, Meal Worms, Grain Mites and Caddises**: Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For **Silverfish**, spray bookcases. For **Ants**, spray trails, nests and points of entry.

TO CONTROL **Carpet Beetles**: Spray edges of carpeting and under carpeting and rugs. Make localized spot treatment applications to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving.

TO CONTROL **Bed Bugs**: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings. Apply to floors as a spot treatment.

TO CONTROL **Fleas (Adults and Larvae) and Ticks, including Ticks which may carry Lyme disease (Adults and Larvae)**: Apply as a spot treatment to pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames. Fresh bedding should be placed in animal quarters following treatment. Allow to dry thoroughly before allowing pets to contact treated areas.

TO CONTROL **Clothes Moths**: Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

TO KILL **Lice and Louse Eggs**: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

### SPACE SPRAYING:

Close doors and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of **House Flies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, Black Flies, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths and Tobacco Moths**: Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of 1 ounce per 1,000 cu. ft. of space. Keep area closed for 2 hours. Ventilate before reoccupying.

### FOGGING:

To kill exposed or accessible stages of the above named crawling insects, use a rate of 1 gallon to 20,000 to 40,000 cu. ft. of space. Contact insects directly when possible. Keep area closed for 2 hours. Ventilate before reoccupying.

## FOR DIRECT APPLICATION TO LIVESTOCK:

To protect cattle (beef and dairy), goats, sheep, hogs and horses from **Horn Flies, Face Flies, House Flies, Mosquitoes and Gnats**: Apply a light mist sufficient to wet the surface of the hair. For **face flies**, spray face and head, but do not spray into eyes.

TO CONTROL **Stable Flies, Horse Flies and Deer Flies**: Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

TO CONTROL **Blood-Sucking Lice**: Apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

TO CONTROL **Poultry Lice**: Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

TO CONTROL **Bed Bugs and Mites** IN POULTRY HOUSES: Spray crevices of roost poles, cracks in walls, and cracks in nests where the bed bugs and mites hide.

## FOR DIRECT APPLICATION TO DOGS (OVER 12 WEEKS OF AGE):

### TO CONTROL **Fleas, Ticks, and Lice**:

Hold the container upright. Spray at a distance of 8-12 inches. Starting at the tail, spray over entire hair coat while moving the dispenser rapidly; making sure the coat is thoroughly wetted to the skin. While spraying, fluff the hair so the spray will penetrate to the skin. Make sure spray wets ticks thoroughly. Spray against the lay of the hair, roughing the hair on long-haired dogs. Do not spray into the eyes, face or genitalia. For best results in killing ticks, spray directly on the tick. Allow dog to air dry or blow dry. Do not towel dry. Do not reapply more than once every 14 days. Application of product on pets must only be done indoors.

Use protective gloves or mitts when applying product. DO NOT USE ON CATS OR KITTENS.

## OUTDOOR APPLICATION

TO CONTROL *Ticks, including Ticks which may carry Lyme disease* (PERIMETER TREATMENT): Use Pramex® General Purpose Aqueous Insecticide II 30222 as a residual treatment to control Ticks including the *Deer Tick (Ixodes scapularis)*, *Lone Star Tick (Amblyomma americanum)*, *Brown Dog Tick (Rhipicephalus sanguineus)*, *American Dog Tick (Dermacentor variabilis)* and *Western Black-Legged Tick (Ixodes pacificus)*.

For each area listed below, apply until surface is wet (approximately 1 gal/750-1,000 ft<sup>2</sup>).

Treat around windows and doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces where these pests may enter.

Treat a band of vegetation and leaf litter 6-10 feet wide around the outside of buildings to help control ticks occurring there.

To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6-10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.

## FOR CONTROL OF ORNAMENTAL GARDEN INSECTS:

For use on roses, dahlias, asters and other ornamentals to kill *Japanese Beetles* hit by spray as well as *Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites and Leafminers*. May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwoods, English ivy, euonymus, fuchsia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

EFFECTIVE WHEN USED AS DIRECTED AGAINST *Whiteflies, Aphids, Spider and Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Armyworms*: When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible.

## STORAGE AND DISPOSAL

Follow proper disposal procedures on this label. Siga las indicaciones del etiquetado para el desecho apropiado del producto.

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place away from heat or open flame. Avoid extremes in temperature.

**PESTICIDE HANDLING:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility. Do not pour or dispose down-the-drain or sewer. Do not pour or dispose down-the-drain or sewer.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

[Optional storage and disposal for containers larger than 5 gallon capacity:]

## STORAGE AND DISPOSAL

Follow proper disposal procedures on this label. Siga las indicaciones del etiquetado para el desecho apropiado del producto.

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place. Keep container closed.

**PESTICIDE DISPOSAL:** Do not pour our dispose down-the-drain or sewer Call your local solid waste agency for disposal instructions..

### **CONTAINER HANDLING & DISPOSAL:**

[For non-refillable containers:]

Non-refillable container. Do not reuse or refill this container. Empty the remaining contents into the application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[For refillable containers:]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application

equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into rinsate collection system. Repeat his rinsing procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MGK. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MGK MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of MGK is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, MGK disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT MGK'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Or alternate text

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, seller shall have no liability for consequential damages.]

[Or alternate text

To the extent consistent with applicable law, Purchaser assumes all responsibility for safety and use not in accordance with directions.]