



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 18, 2024

Adrienne McKee
Regulatory Specialist
NCH Corporation
2727 Chemsearch Blvd
Irving, TX 75062

Subject: Registration Review Label Mitigation for Permethrin
Product Name: Drop Dead II
EPA Registration Number: 1769-371
Application Date: 11/18/2020
Decision Number: 568024

Dear Adrienne McKee:

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.

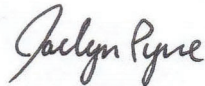
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or 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

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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 Carolyn Smith by phone at (202) 566-2273, or via email at smith.carolyn@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style with a light blue circular stamp behind it.

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

Enclosure

DROP DEAD™ II

FLYING AND CRAWLING INSECT KILLER

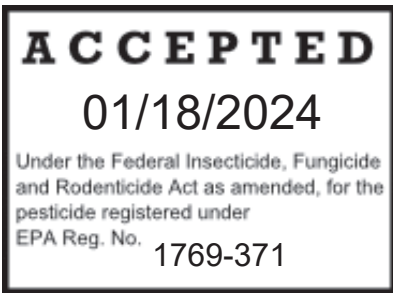
- ◆ FOR BOTH INDOOR AND OUTDOOR USE
- ◆ WATER-BASED FORMULA
- ◆ CONTROLS LISTED FLYING AND CRAWLING INSECTS
- ◆ NO UNPLEASANT ODOR
- ◆ NONSTAINING
- ◆ CONTACT AND RESIDUAL INSECTICIDE
- ◆ PROTECTS FOR UP TO 12 WEEKS
- ◆ SUITABLE FOR USE IN NON-FOOD/FEED AREAS OF FOOD/FEED PROCESSING PLANTS AND OFFICIAL ESTABLISHMENTS OPERATING UNDER THE MEAT, POULTRY, SHELL EGG GRADING AND EGG PRODUCTS INSPECTION PROGRAMS

ACTIVE INGREDIENTS

Pyrethrins	0.10%
Piperonyl Butoxide*	0.50%
Permethrin	0.20%
OTHER INGREDIENTS+	<u>99.20%</u>
TOTAL	100.00%

*Butylcarbityl(6-propylpiperonyl) ether and related compounds.
+Contains petroleum distillate

EPA Reg. No. 1769-371
EPA Est. No.



KEEP OUT OF REACH OF CHILDREN CAUTION

See the Side Panels For Additional Precautionary Statements.

NET WEIGHT: 15 oz (426 g)

DIRECTIONS FOR USE

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

USE RESTRICTIONS

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not breathe vapors or spray mist. Do not remain in treated area. Exit area immediately and remain outside the treated area until vapors and/or mists have dispersed. Do not use treated articles until sprays have dried.

Do not enter or allow others to enter until vapors and mists have dispersed, and the treated area has been thoroughly ventilated. Do not enter or allow others to enter until sprays have dried. Do not wet articles, plants, or water the treated area to the point of run-off or drip.

For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds. Not for use on plants

being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

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. Exposed food should be covered or removed.

If used in dairy barns or facilities: close milk bulk lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

In nonfood areas of food/feed handling establishments or restaurants: do not make space spray applications when facility is in operation. Do not apply more than 1 time per day. Prior to space spray applications, cover or remove food, and cover food processing surfaces or clean after treatment and before use. Nonfood areas are areas such as garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Do not use in rooms/areas while occupied by patients, the elderly or infirm. Do not apply to classrooms when in use. Do not use in aircraft.

Do not allow to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.*



Do not apply 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 allow the product to enter any drain during or after application.

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

Do not apply or irrigate to the point of runoff.

Do not make outdoor applications during rain. Avoid making application 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.

Spot treatments must not exceed two square feet in size. 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.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- 1) Applications 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 or lawn),
- 3) Applications to underside of eaves, doors, or windows permanently protected from rainfall by a 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 about ground level;
- 6) Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, or other vegetation only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

SHAKE WELL BEFORE USING

Remove the protective cap, hold the container upright and spray from a distance of 12 to 15 inches.

INDOORS

CLUSTER FLIES, HOUSEFLIES, FRUIT FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, BEES, BLACK FLIES, SKIPPER FLIES, BLOW FLIES, AND SMALL FLYING MOTHS: Close all doors and windows and direct spray upward into the center of the room with a slow sweeping motion. Spray 5 to 10 seconds for an average room, moving toward the door. Direct spray to all parts of the room, especially windows and other light sources that attract these insects. Keep the nozzle in constant motion. Leave the room and keep the area closed for 15 minutes after spraying. Ventilate the room thoroughly before re-entry. Sweep up and discard fallen insects.

COCKROACHES, WATERBUGS, PALMETTO BUGS, SILVERFISH, FIREBRATS, CRICKETS, SCORPIONS, SPIDERS, MILLIPEDES, CENTIPEDES, SOWBUGS, AND PILLBUGS: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible.

ANTS: Spray trails, nests and points of entry. Spray on ants where possible.

INDIAN MEAL MOTHS, ANGOUMOIS GRAIN MOTHS: Close doors and windows; direct spray into all parts of the room, especially around stored food product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1,000 cubic feet of space, moving toward the door. Leave the room and keep the area closed for 15 minutes following treatment.

CARPET BEETLES: Spray directly on beetles, floors, baseboards, shelves and carpets.

BEDBUGS: Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Allow all sprayed articles to dry thoroughly before use.

TO CONTROL CLOTHES MOTHS AND CARPET BEETLES: On wool and other proteinaceous fibers: Remove 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 by spraying lightly, keeping the nozzle at least three feet from fabric to avoid staining.

FLEAS IN BUILDINGS — SPACE SPRAY: Hold the can 36 inches above the floor and direct spray toward the floor and lower walls at a rate of 10 seconds per 100 square feet making sure that all floor, sofa and chair surfaces are contacted. Leave the room and keep the area closed for 15 minutes. Open and ventilate before reoccupying. Repeat treatment after 7 days.

FLEAS AND TICKS (ADULTS AND LARVAE): Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering, with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture and mattresses may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use. **DO NOT** spray pets. Treat pets with an E.P.A.-registered product intended for this purpose.

TO KILL LICE AND LOUSE EGGS: Spray in an inconspicuous area to test for possible staining and discoloration. Inspect again after drying, then proceed to spray the entire area to be treated. Hold the container upright with the nozzle away from you. Depress the nozzle and spray from a distance of 8 to 10 inches. Spray each square foot for three seconds. Spray parts of bedding, including mattresses and

furniture, that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use. This product is not for use on people. Do not treat bed linens or clothing.

OUTDOORS

May be used on plants, as well as a multi-purpose spray in small areas, and for spot treatments of minor insect infestations to prevent spreading in large areas.

Effective when used as directed against whiteflies, aphids, spider and red mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, clover mites, and army worms. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one-second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F/32°C. Contact insects directly whenever possible. Repeat treatment as infestations occur.

Point the spray nozzle away from the face. Hold the can at a slight downward angle. For best results, spray when the air is calm. Allow a few minutes for product to take effect. Spray with the wind if a breeze is blowing.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

FLYING INSECTS: FLIES, MOSQUITOES, GNATS, SMALL FLYING MOTHS, HORNETS, WASPS, AND YELLOW JACKETS. Allow a fog to drift over the area. Direct spray toward bushes or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles.

MUD DAUBERS AND WASP NESTS: Spray mist directly on insects and their nests from approximately 2 feet away. Contacted insects will fly away from the fog. Applications should be made in late evening when insects are at rest. Spray into hiding and breeding places, contacting as many insects as possible.

CRAWLING INSECTS: ANTS, COCKROACHES, INCLUDING ASIAN COCKROACHES, CRICKETS, MOLE CRICKETS, CENTIPEDES, AND SILVERFISH. Spray infested surfaces of patio or picnic areas, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray anthills for best control.

FOR CONTROL OF ORNAMENTAL PLANT PESTS: 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. Do not apply when the wind speed is greater than 15 mph.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

PESTICIDE STORAGE: Store in a cool, dry area. Do not use or store near heat or open flame. Do not transport or store below 32°F/0°C.

PESTICIDE AND CONTAINER DISPOSAL: This container is made with at least 25% recycled steel and may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. **DO NOT PUNCTURE OR INCINERATE.** If recycling is not available, wrap the container and discard in the trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- shoes and socks,
- chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or viton.

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. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

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.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product 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 actively visiting the treatment area. Protect pollinating insects by following label direction intended to minimize drift and to reduce risk to these organisms.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

FIRST AID	
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none">◆ 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 SWALLOWED	<ul style="list-style-type: none">◆ Immediately call a poison control center or doctor.◆ Do not give any liquid to the person.◆ Do not induce vomiting unless told to do so by a poison control center or doctor.◆ Do not give anything by mouth to an

	unconscious person.
NOTE TO PHYSICIAN Contains petroleum distillate - vomiting may cause aspiration pneumonia. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

See the Safety Data Sheet for more information.

For medical or environmental emergencies, call CHEMTREC® at 1-800-424-9300.

Not for Resale

MADE IN THE U.S.A.

[Label Code]

[Date Code]

[Batch Code]

[ISO Logo]

[Steel Recycle Logo]

NCH Corporation

2727 Chemsearch Blvd.

Irving, TX 75062

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