



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 15, 2016

Kristian Paul
Environmental Science Division
Bayer CropScience
2 T.W. Alexander Drive
RTP, NC 27709

Subject: Notification per PRN 98-10 – Storage and Disposal language
Product Name: PERMANONE TECHNICAL INSECTICIDE II
EPA Registration Number: 432-803
Application Date: 10/20/2016
Decision Number: 522895

Dear Mr. Paul:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

If you have any questions, you may contact Angela Hollis at 703-347-0216 or via email at hollis.angela@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", enclosed within a hand-drawn oval.

Kable Bo Davis, Product Manager 3
Invertebrate and Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

PERMANONE® TECHNICAL INSECTICIDE II

AN INSECTICIDE FOR MANUFACTURING, FORMULATING, OR REPACKING ONLY

Editorial Note – [Bracketed text] is optional language

ACTIVE INGREDIENT:

Permethrin95.20%

OTHER INGREDIENTS:4.80%

TOTAL:100.00%

EPA Reg. No. 432-803

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION

See [Back] [Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Call a Poison Control Center 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
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 immediately for treatment advice.
If inhaled:	<ul style="list-style-type: none">• Move Person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible.• Call poison control center or doctor for further treatment advice.
If in eyes:	<ul style="list-style-type: none">• 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 immediately for treatment advice.
HOT LINE NUMBER: 1-800-331-2867 [Synthetic Pyrethroid]	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapors or spray mists. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. 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. Do not contaminate water by cleaning of equipment or disposal of wastes.

NOTIFICATION

432-803

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/15/2016

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Formulators using this product are responsible for obtaining EPA registration for their formulated products which may be labeled for the use patterns as found listed on this label. This product maybe used to formulate products for specific uses(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

Only for formulation into an insecticide for the following uses:

1. FOOD CROPS (DOMESTIC OUTDOOR ONLY):

Alfalfa	Field Corn/Popcorn/Seed Corn	Potatoes
Almonds	Filberts	Range Grass (NM Only)
Apples	Horseradish	Soybeans
Artichokes	Leafy Vegetables ³	Sweet Corn
Asparagus	Mushrooms	Tomatoes
Asparagus fern	Onions (Dry bulb and Garlic)	Turnips (Only in FL, GA, IL, IN, OK, SC, TX, and WA)
Avocados	Papaya (FL Only)	Walnuts
Cherries	Peaches	
Cole Crops ¹	Pears	
Cucurbit Vegetables ²	Peppers, Bell	
Eggplant	Pistachios	

¹**COLE CROPS:** Broccoli, Chinese broccoli, Brussels sprouts, cabbage, Chinese cabbage, cauliflower, collards (only in AR, AZ, GA, IL, NC, OK, SC, and TX), kale, mustard greens, and rape greens

²**CUCURBIT VEGETABLES:** Chayote (fruit), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, gourds; edible (includes hyotan, cucuzza, hechima, Chinese okra), Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); muskmelon; including hybrids such as the true cantaloupe, cantaloupe, casaba, crenshaw, golden pershaw melon, honeydew melons, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon), pumpkin, squash; summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), and winter (butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash), watermelon, including hybrids.

³**LEAFY VEGETABLES (Except Brassica):** Amaranth (leafy amaranth, Chinese spinach, tampala), arugula (roquette), cardoon, celery, Chinese celery, Celtuce, chervil, corn salad, chrysanthemum; edible leaved, chrysanthemum; garlands, cress; garden, cress; upland (yellow rocket, winter cress), dandelion, dock (sorrel), endive (escarole), fennel (Florence), lettuce (head and leaf), orach, parsley, purslane; garden, purslane; winter, radicchio (red chicory), rhubarb, spinach, spinach vine (Malabar spinach, Indian spinach), spinach; New Zealand, and Swiss Chard.

2. TERRESTRIAL NONFOOD:

Christmas Trees (container & field-grown)
Chrysanthemums
Conifers (container & field-grown)
Ornamentals / Nursery Stock (field-grown)
Pine Seed Orchards
Roses (field-grown & greenhouse)

3. DOMESTIC FARM ANIMALS:

Cattle
Horses
Hogs
Poultry

4. AGRICULTURAL PREMISE

5. COMPANION ANIMALS

6. GENERAL OUTDOOR INSECT CONTROL

7. MOSQUITO AND BITING FLY CONTROL

8. GENERAL INDOOR INSECT CONTROL

FOOD/FEED HANDLING ESTABLISHMENTS: Places other than private residences in which food/feed is held, processed, prepared or served.

NONFOOD/FEED AREAS: May be used to manufacture end-use products for use as a general spot or crack and crevice treatment in nonfood/feed areas. Similar areas where insects hide or through which insects may enter can be treated. Examples of nonfood/feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

FOOD/FEED AREAS: May not be used to manufacture products for use in food/feed areas. 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 food may be prepared or held. IN the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed. Examples of food areas are areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

9. FIBER PRODUCT PROTECTION:

NOTE: Not for use to formulate products to be used in warehouses where raw or cured tobacco is stored or while raw agricultural commodities for food or feed are stored, or in greenhouses where crops for food or feed are grown.

Not for formulation into Wettable Powder formulations unless they are packaged in water soluble bags.

All liquid and RTU products labeled for use on indoor surfaces (baseboard, spot, and crack and crevice) at residential sites must be formulated to contain no more than 0.5% of permethrin active ingredient.

All liquid products labeled for use on indoor surfaces must state the following "Not for broadcast use."

Total release foggers labeled for indoor use at residential sites must be formulated to contain no more than 0.58% permethrin active ingredient.

For formulation into products intended for impregnated fabric applications, do not exceed an application rate equivalent to 1.25 grams of a.i. per square meter of fabric.

Not for formulation into handheld foggers.

STORAGE & DISPOSAL

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

Pesticide Storage: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of at an approved waste disposal facility.

Container Handling:

[Rigid Non-refillable Containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)]

Non-refillable container. Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

[Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)]

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal.

Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate

becomes clear. Replace the lid and close bottom valve.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

[Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs)]

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

[Rigid Non-Refillable containers with capacities smaller or equal to 5 gallons]

PLASTIC CONTAINERS:

Non refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

LIQUID Dilutable formulations:

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For Non-Refillable Containers:

Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 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 the container before final disposal is the responsibility of the person disposing of the container. 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 application equipment or rinsate collection system. Repeat this rinsing procedure two more times.~~

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, because of manner of use and other factors beyond Bayer CropScience's control, it is impossible for Bayer CropScience to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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PRODUCED FOR



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Permanone® Technical Insecticide II (PENDING) 10/20/2016