

432-803

11-30-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Gregory Mattern  
Bayer Environmental Science  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

NOV 30 2011

Dear Mr. Mattern:

Subject: Application for Pesticide Notification (PRN 98-10)  
Correct Container Disposal text  
Permanone Technical Insecticide II  
EPA Reg. No. 432-803  
Your submission dated October 28, 2011

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated October 28, 2011 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds 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.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions regarding this letter, please contact Dana Pilitt, PhD of my staff at (703) 305-7071 or via e-mail at [pilitt.dana@epa.gov](mailto:pilitt.dana@epa.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard Gebken".

Richard Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division (7505P)

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 432-803	2. EPA Product Manager Jennifer Urbanski/Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Permanone Technical Insecticide II	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION  
NOV 30 2011

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Correction of Container Disposal section in accordance with PR Notice 2007-4 (removed reference to "bag" since product is a liquid). This specific change was already approved by the Agency on 9/20/10, but the re-registration label was not updated. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and we may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal or <input checked="" type="checkbox"/> Plastic or <input checked="" type="checkbox"/> Glass or <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container	If "Yes" Package wgt      No. per container

3. Location of Net Contents Information  
 Label or  Container

4. Size(s) Retail Container  
Various (5-200 kg)

5. Location of Label Directions  
 Product label

6. Manner in Which Label is Affixed to Product  
 Lithograph or  Paper glued or  Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Gregory C. Mattern	Title Regulatory Product Manager	Telephone No. (Include Area Code) (919) 549-2630
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**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature  
*Gregory C. Mattern*

3. Title  
Regulatory Product Manager

4. Typed Name  
Gregory C. Mattern

5. Date  
October 28, 2011

6. Date Application Received  
(Stamped)



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NOTIFICATION

NOV 30 2011

# PERMANONE<sup>®</sup> TECHNICAL INSECTICIDE II

AN INSECTICIDE FOR MANUFACTURING, FORMULATING OR REPACKING ONLY

**ACTIVE INGREDIENT:**

Permethrin .....95.20%

**OTHER INGREDIENTS:** .....4.80%

EPA Reg. NO. 432-803

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a Poison Control Center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a Poison Control Center or doctor immediately for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move Person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible.</li> <li>• Call poison control center or doctor for further treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a Poison Control Center or doctor immediately for treatment advice.</li> </ul>
<b>HOT LINE NUMBER: 1-800-331-2867</b> [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 & 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.

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

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

<sup>2</sup>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.

<sup>3</sup> LEAFY VEGETABLES (Except Brassica): Amaranth (leafy amaranth, Chinese spinach, tampala); arrugala (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; 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

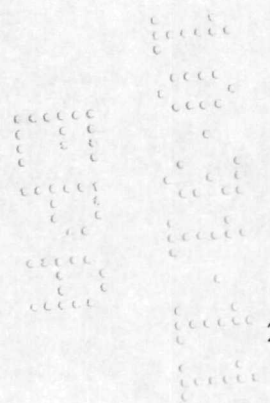
4. Agricultural Premise

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 (broadcast, 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 (excluding RTU aerosols) 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.

**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 Disposal:**

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 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 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.

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**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.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE 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 Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Bayer CropScience 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 BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

Permanone is a registered trademark of Bayer.

PRODUCT OF INDIA

PRODUCED FOR



**Bayer Environmental Science**

A Business Group of Bayer CropScience LP  
PO Box 12014 2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

Permanone Technical Insecticide II (MASTER) 09/01/2011, NOTIFICATION 10/28/2011

