

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

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

SEP 11 2012

Subject: Amended Reregistration Label  
Product Name: Permanone Arthropod Repellent  
EPA Registration Number: 432-1166  
EPA Decision Number: 413465

Dear Mr. Mattern:

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

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

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 non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

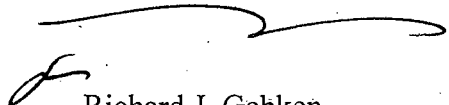
Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any other CSFs are superseded.

- |                             |          |
|-----------------------------|----------|
| - 1 Basic CSF dated >>      | 08/23/11 |
| - Alternate CSF #1 dated >> | 08/24/11 |
| - Alternate CSF #2 dated >> | 08/25/11 |
| - Alternate CSF #3 dated >> | 08/26/11 |

A copy of your label is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

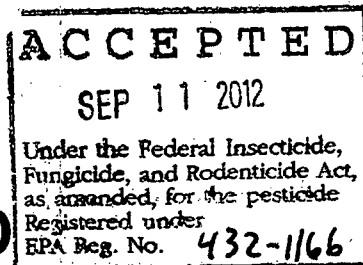
If you have any questions about this letter, please contact Gene Benbow at 703-347-0235 or [benbow.gene@epa.gov](mailto:benbow.gene@epa.gov).

Sincerely,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

Enclosures: *Acute Toxicity Review, dated 10/05/10*  
*Product Chemistry Review, dated 12/23/11*  
*Stamped Accepted Label, dated* SEP 11 2012



# PERMANONE® ARTHROPOD REPELLENT

- \*DO NOT APPLY TO SKIN
- \*Kills and Repels Mosquitoes and Ticks
- \*Intended for use and distribution within the Department of Defense Only.
- \*For use on field personnel clothing and mosquito netting only.

## ACTIVE INGREDIENT:

\*\*Permethrin .....0.5%

OTHER INGREDIENTS: .....99.5%

TOTAL: .....100.00%

\*Hot Weather (100% Cotton) and Temperate (Nylon/Cotton; 50:50) Field Uniforms Only.

\*\* (3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2 dichloroethenyl) 2,2 dimethyl cyclopropanecarboxylate. Cis/Trans ratio: Min. 35% (+/-) cis and max 65% (+/-)trans.

EPA REG. NO. 432-1166

EPA EST. NO.

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<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 for treatment advice.</li></ul>
IF IN EYES:	<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>
HOT LINE NUMBER	
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.	
For Product Information Call, Toll-Free: 1-800-331-2867	
In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

#### Personal Protective Equipment (PPE)

Wear long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves (such as or made out of any waterproof material, selection category A.)

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 materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

## USER SAFETY RECOMMENDATIONS

- User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- User 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 toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Do not make applications during rain. 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. Application is prohibited directly into sewers or drains, or to any area like a 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.

## 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.

## DIRECTIONS FOR USE

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

### SHAKE WELL BEFORE USING

To be used for treatment of hot weather and temperate field clothing and mosquito netting only. DO NOT TREAT UNIFORM CAP.

For protection against *Mosquitoes and Ticks* select an outdoor area protected from the wind, spray outer surfaces of clothing (while not being worn) and mosquito netting with a slow sweeping motion to lightly moisten the surface of the fabric. Treat the clothing for a minimum of 30 seconds on each side and allow 2 hours (4 hours under humid conditions) to dry prior to being worn. Hold can at a distance of 6 to 8 inches from the object being treated. Treatment should moisten the surface of the fabric enough to cause a slight color change. Use approximately 3/4 of this container to treat one complete field uniform. Use remainder on mosquito netting.

Treat the entire outside surface of clothing with special attention to socks, trouser cuffs, and shirt cuffs. Pant cuffs should be worn inside the socks or footwear to ensure full protection against Ticks and Chiggers. This item must be used in conjunction with the standard issue repellent approved for application to exposed skin areas to achieve maximum protection from Mosquitoes. Follow standard field uniform laundering procedures weekly. Reapply after six weeks and sixth laundering.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store upright in original container in a cool dry place inaccessible to children and pets and away from heat or open flame. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide, spray mixture, or rinse water that cannot be used according to label instructions may be disposed of on site or by an approved waste disposal facility.

**Container Disposal:** Do not puncture or incinerate.

**If empty:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

**If partly filled:** Call your local solid waste agency or toll free at 1-800-334-7577 for disposal instructions. In field situations where no other alternative exists, bury the container in the ground.

**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 LP's control it is impossible for Bayer CropScience LP 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 LP 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 LP 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 LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

PRODUCED FOR



Bayer Environmental Science

A Division of Bayer CropScience LP  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

PERMANONE® ARTHROPOD REPELLENT(PENDING) 08/24/12