



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

August 26, 2011

Mr. Nasser Assaf, Ph.D  
Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048

**Subject: Amended Reregistration Label for Permanone Eighty Concentrate  
EPA Registration No. 73049-393**

Dear Mr. Assaf;

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 referenced product in connection with the **PERMETHRIN RED**, and has concluded that your submission is acceptable.

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

**PLEASE NOTE:** That the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSF's are superseded.

- Basic CSF, dated: February 19, 2010
- Alternates #1, #2, and #3 dated February 19, 2010

A copy of your label stamped "Acceptable" 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 Regina Foushee-Smith at (703) 605-0780 or via e-mail at [foushee-smith.regina@epa.gov](mailto:foushee-smith.regina@epa.gov).

Sincerely Yours,

A handwritten signature in black ink, appearing to read "Richard Gebken".

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

*Enclosures: Label stamped "Accepted" dated: August 26, 2011  
Acute Toxicity Review dated: August 2, 2010  
Product Chemistry Review dated: March 22, 2011*

**Permanone® Eighty Concentrate**

- *An Insecticide For Formulating/Manufacturing Use Only*
- *For Manufacturing Use in Producing Tents, Shelters, Truck Covers, Awnings, Hunting Blinds, Nettings, Outerwear Garments, Domestic Animal Care Products And Carpets*

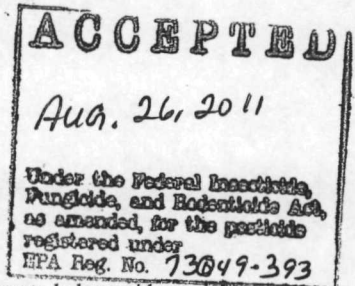
**ACTIVE INGREDIENT:**

Permethrin\*..... 80.0%

**OTHER INGREDIENTS\*\*:**..... 20.0%  
100.0%

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

\*\*Contains petroleum distillate.



**PRECAUCION 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).

EPA Reg. No. 73049-393  
Item No. 15339/15960

EPA Est. No. 432-TX-1

**KEEP OUT OF REACH OF CHILDREN****CAUTION**

See Side Panel For Additional Precautionary Statements

<b>FIRST AID</b>	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person.</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 for 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 for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819.	
<b>NOTE TO PHYSICIAN</b>	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

**NET CONTENTS:**

**PRECAUTIONARY STATEMENTS****Hazards To Humans & Domestic Animals****CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**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, ocean 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 into 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 when disposing of equipment wash-waters.

**Physical or Chemical Hazards**

**Combustible.** 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.

This product may be used to formulate products for specific use(s) not listed on the Manufacturing Product (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: Domestic Indoor (household); Domestic Outdoor (household, ornamentals); Terrestrial Non-Food.

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."

Outdoor Residential Misting Systems are not to exceed 0.25 grams permethrin per 1000 cubic feet per day.

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

For use in factory applied coatings (such as water repellent, fire retardant and stain resistant matrices) used in/on fabrics (for tents, shelters, truck covers, awnings, hunting blinds and nettings); outerwear garments (for coats, jackets, coveralls, gaiters, chaps, hat bands, bibs and vests); and domestic animal [dogs, cats, horses] care products (such as pet bedding, blankets, rugs, netting and kennel/stall coverings) as an insecticide and/or repellent against *Ticks, Mosquitoes, Spiders, Ants, Fleas, Flies* and *Other Flying and Crawling Insects*. Also for use in/on fabrics for carpeting as an insecticide and repellent against *Dust Mites*. For optimum performance of treated materials, incorporate into the coatings matrix of fabrics not to exceed an application rate equivalent to 1.25 grams Permethrin per square meter of fabric. Insects which come into contact with treated fabric surfaces will be killed; insects which come near treated fabric surfaces will be repelled.

Not for formulation into wettable powder end use products (EUP), unless the EUP is packaged in water soluble bags.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage And Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. 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:** 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:** Non-refillable container. Do not reuse or refill this container. Triple rinse or equivalent. Offer for recycling, if available.

(5 gallons or less)



Triple rinse container (or equivalent) promptly after emptying.  
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 solvent used in the end use product 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.

(Greater than 5 gallons/50 labs.)

Triple rinse container or equivalent promptly after emptying.  
Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with solvent used in the end use product. Replace and tighten closures. Tip the 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 back forth several times. Empty the rinsate in to application equipment or a mix tank or store rinsate for later use or disposal. Repeat this 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, 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 Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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Permanone is a registered trademark of Bayer AG.

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