

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 18, 2011

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

Subject: Amended Reregistration Label  
Product Name: TetraPerm 10-25-50 O-B Concentrate  
EPA Registration Number: 73049-158  
EPA Decision Numbers: 436091, 413410, 410263

Dear Dr. 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 above referenced product in connection with the tetramethrin, permethrin, and piperonyl butoxide (PBO) REDs, 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 Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.


- Basic CSF, dated 1/29/10
- Alternate CSF #1, dated 1/29/10
- Alternate CSF #2, dated 1/29/10
- Alternate CSF #3, dated 5/12/10

A copy of your label stamped "Accepted" 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 Jennifer Urbanski at 703-347-0156 or [urbanski.jennifer@epa.gov](mailto:urbanski.jennifer@epa.gov).

Sincerely,



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

Enclosures:    *Label stamped "Accepted," dated 7/18/11*  
                  *Acute Toxicity Review, dated 3/29/10*  
                  *Product Chemistry Reviews, dated 5/10/10 and 6/29/10*

**TETRAPERM® 10-25-50  
O-B CONCENTRATE**

- *For The Formulation Of Insecticides Only*

**ACTIVE INGREDIENTS:**

Tetramethrin.....	10.0 %
Permethrin*.....	25.0 %
Piperonyl Butoxide**.....	50.0 %
<b>OTHER INGREDIENTS†:</b> .....	15.0 %
	100.0 %

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

\*\* (butyl carbityl)(6-propylpiperonyl) ether and related compounds

† Contains petroleum distillate.

**PRECAUCION AL CONSUMIDOR:** Si usted no lee ingles, 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. 73049-158**  
**Item Number 23495**

**EPA EST. NO.**

**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 a 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 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>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>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:**

**ACCEPTED**  
**JUL 18 2011**  
**Under the Federal Insecticide, Fungicide,**  
**and Rodenticide Act, as amended, for the**  
**pesticide registered under:**

**EPA. Reg. No:** 73049-158

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## **PRECAUTIONARY STATEMENTS**

### **Hazards To Humans And Domestic Animals**

#### **CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### **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 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.

#### **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).

Formulators using this product are responsible for obtaining an EPA registration for their products.

**ONLY FOR FORMULATION INTO INSECTICIDES** for the following use(s): Terrestrial Non-Food, Residential Indoor/Outdoor and Indoor 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."

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

Not for formulation into:

- Wettable powder end use products (EUP), unless the EUP is packaged in water soluble bags.
- Granular end use products.
- An end use product for use in outdoor residential misting systems.
- Pet products.
- Impregnated fabric.

**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. Offer for recycling, if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities.

**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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TetraPerm is a registered trademark of Valent BioSciences Corporation.

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**List No. 73049158**  
**02-0897/R4**