



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JUN 17 2003

Ms. Janis K. Sharp, Ph.D.  
Valent BioSciences Corp.  
870 Technology Way  
Libertyville, IL 60048

Subject: Amendment Updating First Aid per PR Notice 2001-1  
Tetramer® (.15-.15-.75) Yard & Patio WBA  
EPA Reg. No. 73049-331  
Your Submission Dated May 12, 2003

Dear Dr. Sharp:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Delete the front panel claim "Provides Hours of Control" or submit/cite efficacy data to support this claim. We assume this claim refers to the product's use against indoor and/or outdoor flying insects, including mosquitos, wasps, hornets, bees and yellow jackets. Since these are pests of public health significance, you must support the above claim with efficacy data.
2. Move the following statements from the Hazards to Humans & Domestic Animals section to the second paragraph of the Directions for Use:  
  
"Remove pets and birds and cover fish aquaria before spraying or surface applications. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry."
3. Under "Bedbugs", after the first sentence, add "Allow mattress to dry thoroughly before use. After mattress is dry, cover with mattress cover and sheet. Do not use mattress without cover."

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If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

Enclosure

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**JUN 17 2003**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
73049-331**

# TETRAPERM®

## (.15-.15-.75) Yard & Patio WBA

- **CONTROLS RESIDENTIAL AND ORNAMENTAL GARDEN INSECTS**
- **FOR HOUSEHOLD USE**
- **A BROAD SPECTRUM INSECTICIDE HIGHLY EFFECTIVE AGAINST ANTS, CARPENTER ANTS, BEES, CARPET BEETLES, CENTIPEDES, CLOVER MITES, COCKROACHES, CRICKETS, EARWIGS, FIREBRATS, FLEAS, GRAIN BEETLES, MILLIPEDES, MOLE CRICKETS, MOTHS, PILLBUGS, SCORPIONS, SILVERFISH, SOWBUGS, SPIDERS, TICKS, WASPS, AND MANY OTHER PESTS.**
- **PROTECTS FOR UP TO [4 WEEKS], [12 WEEKS], [3 MONTHS]**
- **FAST FOGGING ACTION - KILLS ON CONTACT**
- **PENETRATING FOGGING ACTION - KILLS ON CONTACT**
- **KILLS FLYING & CRAWLING PESTS INCLUDING GNATS, FLIES, ANTS, SPIDERS AND OTHER OUTDOOR INSECTS**
- **WILL NOT HARM ORNAMENTAL PLANTS**
- **WATER-BASED FORMULA**
- **KILLS AND REPELS MOSQUITOES**
- **PROVIDES HOURS OF CONTROL**

### ACTIVE INGREDIENTS:

Tetramethrin .....	0.15 %
Permethrin .....	0.15 %
Piperonyl Butoxide .....	0.75 %
<b>OTHER INGREDIENTS:</b> .....	<b>98.95 %</b>
	<b>100.00 %</b>

**PRECAUCION AL USUARIO:** 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. 73049-331**

**EPA EST. NO.**

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<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 Inhaled:</b>	<ul style="list-style-type: none"> <li>• Remove person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
HOT LINE NUMBER	
I have the product container or label with you when calling a poison control center or doctor, or going for treatment. 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 1-877-315-9819.	

**SEE SIDE PANEL FOR PRECAUTIONS**

**NET CONTENTS:**

## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

#### CAUTION

Harmful if absorbed through skin or inhaled. Avoid contact with skin or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before spraying or surface applications. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry.

#### Environmental Hazards

This product is toxic to fish. Do not apply directly to any body of water.

#### Physical and 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. Do not use this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use on surfaces that can be harmed or stained by water.

### DIRECTIONS FOR USE

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

In the home, cover all food processing surfaces and utensils during treatment or thoroughly wash before use. Cover or remove exposed food.

#### SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches.

#### INDOORS:

**Houseflies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees, Black Flies, Skipper Flies, Blow Flies and Small Flying Moths:** Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects.

**Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs and Pillbugs:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible.

**Ants:** Spray trails, nests and points of entry. Spray on *Ants* where possible.

**Carpet Beetles:** Spray directly on beetles, floors, baseboards, shelves and carpets.

**Bedbugs:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Allow all sprayed articles to dry thoroughly before use.

**TO CONTROL *Clothes Moths* and *Carpet Beetles* on wool and other proteinaceous fibers:** Remove infested articles from storage, brush thoroughly and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly, keeping nozzle at least three feet from fabric to avoid staining.

#### OUTDOORS:

Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing.

**PESTS ON OUTSIDE SURFACES OF BUILDINGS:** For control of building infestation due to *Ants, Clover Mites, Crickets, Earwigs, Millipedes and Sowbugs (Pillbugs)*. Spray foundation of building where insects are active and may find entrance, up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, caves, porches, patios, garages and refuse dumps.

**FLYING INSECTS: *Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets, and Yellow Jackets.*** Allow fog to drift over area. Direct spray toward bushes, or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles.

**CRAWLING INSECTS: *Ants, Cockroaches*, including *Asian Cockroaches, Crickets, Centipedes and Silverfish.*** Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel *Ants*. Spray ant trails and hills.

***Ants, Lone Star Ticks, Crickets, Fleas and Earwigs:*** Apply thoroughly to infestation in bushes, grass or weeds. For *Ants*, spray freely around ant trails and hills.

FOR THE CONTROL OF ORNAMENTAL GARDEN INSECTS: For use on roses, dahlias, asters and other ornamentals to kill *Japanese Beetles* hit by spray, as well as *Whiteflies*, *Aphids*, *exposed Thrips*, *Spiders*, *Red Mites* and *Leafminers*.

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against *Whiteflies*, *Aphids*, *Spider* and *Red Mites*, *Exposed Thrips*, *Lace Bugs*, *Japanese Beetles*, *Pavement Ants*, *Clover Mites* and *Armyworms*. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

### STORAGE AND DISPOSAL

**Storage:** Store in a cool, dry area. Do not transport or store below 32°F.

**Disposal:** Do Not Puncture or Incinerate!

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

### 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 should 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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