

73049-154

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

MAR 31 2003

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

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
Cyper-Active® 2.14 EC
EPA Reg. No. 73049-154
Your Submission Dated January 27, 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.

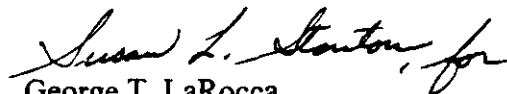
- 1. Add the cis:trans isomer ratio for cypermethrin as on the previously accepted label. You need not include the chemical name of the active ingredient in the ingredient statement, but you must still include the cis:trans ratio as a footnote to the ingredient statement.
2. Add Inhalation First Aid statements, since the product is classified in category III by the inhalation route of exposure:

Table with 2 columns: 'If inhaled:' and a list of instructions: 'Move person to fresh air.', 'If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.', 'Call a poison control center or doctor for further treatment advice.'

- 3. Make the following changes to the Hazards to Humans & Domestic Animals:
- Change "Harmful if swallowed or absorbed through skin" to "Harmful if swallowed, inhaled or absorbed through skin."
- Add "Avoid breathing spray mist."
4. Revise the statement "NOT FOR USE IN USDA MEAT AND POULTRY PLANTS" to read: "NOT FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS."

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

# CYPER-ACTIVE® 2.14 EC

- *Kills On Contact & Keeps On Protecting*
- *Crack And Crevice, Spot Spray For Residual Cockroach Control*
- *For Residual And Contact Control Of Cockroaches (Waterbugs), Crickets, Silverfish (Firebrats), Centipedes, Millipedes, Earwigs, Sowbugs (Pillbugs), Spiders, Ants, Flies, Mosquitoes, Gnats, Small Flying Moths, Wasps, Hornets, Yellow Jackets And Bees.*
- *Cyper-Active Contains 2.14 Pounds Active Ingredient Per Gallon*
- *Contains Cypermethrin*
- *Makes up to 2 Gallons (1 oz. bottle)*
- *Concentrate Strength*
- *For Industrial/Institutional/Commercial Use Only*

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

**MAR 31 2003**

**Under the Federal Insecticide,  
Fungicide, and Herbicide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
73049-154**

**ACTIVE INGREDIENT:**

Cypermethrin .....	26.0%
<b>OTHER INGREDIENTS<sup>1</sup>:</b> .....	<b>74.0%</b>
	100.0%

<sup>1</sup> Contains Xylene Range Aromatic Solvent.

**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. 73049-154  
Item No. 15269

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

<b>FIRST AID</b>	
<b>If in eyes:</b>	<ol style="list-style-type: none"> <li>1. Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>2. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>3. Call a poison control center or doctor for treatment advice.</li> </ol>
<b>If on skin or clothing:</b>	<ol style="list-style-type: none"> <li>1. Take off contaminated clothing.</li> <li>2. Rinse skin immediately with plenty of water for 15-20 minutes,</li> <li>3. Call a poison control center or doctor for treatment advice.</li> </ol>
<b>If swallowed:</b>	<ol style="list-style-type: none"> <li>1. Immediately call a poison control center or doctor.</li> <li>2. Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>3. Do not give any liquid to the person.</li> <li>4. Do not give anything by mouth to an unconscious person.</li> </ol>
<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. In case of <i>Medical</i> 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	
<b>NOTE TO PHYSICIAN</b>	
Inducing vomiting as first aid for this substance may result in increased risk of pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.	

**SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**NET CONTENTS:**

### PRECAUTIONARY STATEMENTS Hazards To Humans & Domestic Animals

#### WARNING

Causes substantial but temporary eye injury. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### Environmental Hazards

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to any body of water, or to any areas where surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on this label. Care should be used when spraying to avoid fish and reptile pets by removing pets and covering fish tanks before spraying.

#### Physical Or Chemical Hazards

Do not use or store near heat or open flame. Flashpoint 140°F Min. Do not apply this diluted 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. Please read entire label before using this product.

#### NOT FOR USE IN USDA MEAT AND POULTRY PLANTS.

Do not use in food/feed areas of food/feed handling establishments, restaurants, or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food/feed is exposed or facility is in operation. Serving areas are areas where prepared foods/feeds are served such as dining rooms but excluding areas where foods/feeds may be prepared or held. In the home, all food/feed processing surfaces and utensils should be covered during treatment or thoroughly washed before reuse. Exposed food/feed should be covered or removed. Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, basements, boiler rooms, garages, mop closets and storage rooms (after canning and bottling).

FOR RESIDUAL PEST CONTROL IN AND ON buildings and structures and their immediate surroundings and on modes of transport. PERMITTED AREAS OF USE INCLUDE industrial buildings, houses, apartment buildings, laboratories, greenhouses, and the nonfood/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, schools, nurseries, day camps, lath houses, seed houses, food handling establishments, packaging and processing plants, commercial, industrial, office, institutional and storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, laboratories and hospitals. IN HOSPITALS: patients should be removed prior to treatment. Also for use in campers, mobile homes, buses, automobiles, and boxcars. Also for use in dog kennels and horse stables. IN HORSE STABLES: not for application if horses will be used for food.

Cyper-Active insecticide is intended for dilution with water for spray application.

Fill sprayer with the desired volume of water and add Cyper-Active insecticide. Close and shake before use in order to insure proper mixing. Shake or reagitae sprayer before use if spraying is interrupted. Make up only as required.

Pests		Concentration of Active Ingredient	Dilution Rate		
Ants	Flies	0.1%	1/2 fl. oz. per 1 gal. water		
Carpenter Ants	Millipedes				
Centipedes	Pillbugs				
Cockroaches	Silverfish				
(Maintenance)	Sowbugs				
Crickets	Gnats				
Firebrats	Mosquitoes				
Earwigs	Ticks				
Bees	Hornets			0.2%	1 fl. oz. per 1 gal. water
Cockroaches	Yellow Jackets				
(Clean-out)	Wasps				
Fleas	Small Flying				
Spiders	Moths				

INDOORS

**Cockroaches, Spiders, Crickets, Silverfish and Firebrats:** Apply as a coarse, low pressure spray to areas where these pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, behind and under refrigerators, cabinets, sinks, furnaces, and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices.

**Ants:** To kill ants within buildings and homes, spray trails, nests and points of entry. Spray directly on ants where possible.

**Carpenter Ants:** Make spot applications as a spray to any trails, around doors and windows, wall voids, crawl spaces, and other places where ants enter premises. Where possible, treat ant nest or infested wood directly.

Do not allow children or pets to contact treated surfaces until the spray has dried.

**Wasps, Hornets, Yellow Jackets, Bees:** Application should be made in the late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible.

**Sowbugs, Pillbugs, Millipedes, Earwigs, and Centipedes:** Apply around doors and windows and other places where these pests may be found or where they may enter premises. Spray baseboards, storage areas and other locations. Refer to barrier treatment directions to prevent infestation.

**Flies, Mosquitoes, Gnats, Small Flying Moths:** Apply directly to walls, ceilings, window screens, and other flying insect resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds.

**To Control Fleas and Ticks:** Apply as a spot treatment to infested areas such as pet beds and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor coverings where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. **Do not treat pets with this product.**

OUTDOORS

Do not apply this product to edible crops.

**Ants, Bees, Centipedes, Cockroaches, Crickets, Firebrats, Millipedes, Silverfish, Sowbugs, Spiders, Flies, Mosquitoes, Gnats, Small Flying Moths, Wasps, Hornets, Yellow Jackets.** Apply as a residual spray to surfaces of buildings, porches, screens, window frames, eaves, patios, lawns, refuse dumps, garages in either hand or power sprayer. Treat other areas where these pests are found.

**To Control Fleas and Ticks:** Apply Cyper-Active to areas where fleas and ticks are most likely to be found, such as, but not limited to, dog houses, kennels runways, cracks and crevices in sidewalks, paths or patios where pests may rest.

**BARRIER TREATMENT:** To help prevent infestation of buildings, apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Apply as a coarse spray to thoroughly and uniformly wet the band area, using 1 gallon of spray mix per 400 square feet.

STORAGE & DISPOSAL

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

**Storage:** Store product in original container and 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.

**Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for Guidance.

**Container Disposal:**

FOR CONTAINERS ONE GALLON AND UNDER:

**If empty:** Do not reuse this container. 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. Never place unused product down any indoor or outdoor drain.

FOR CONTAINERS OVER ONE GALLON:

**Metal Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.

**Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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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