



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

OFFICE OF
CHEMICAL SAFETY
AND POLLUTION PREVENTION

Nasser Assaf, Ph.D.
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048
Nasser.assaf@valent.com

NOV 10 2011

Subject: Cyper-Active E2 WB TRA, EPA Reg. No. 73049-454
Application Dated: Oct 6, 2011
Decision: 457489

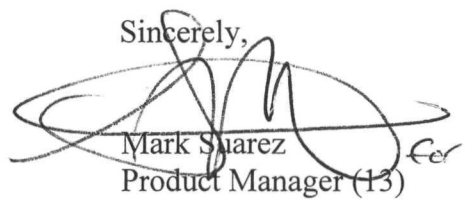
Dear Mr. Assaf:

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 following comments – add the following label statements:

1. Do not allow adults, children, or pets to enter the treated area until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
2. Do not apply when food is present. Exposed food should be covered or removed. All food preparation surfaces and utensils should be covered during treatment or thoroughly washed before use.
3. Do not apply this product in any room being used as a living, eating, or recovery area by patients, the elderly, or the infirm, when they are in the room.
4. Do not apply directly into sewers or drains, or to any area like a ditch or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitats can occur. Do not allow the product to enter any drain during or after application.
5. Revise the Storage and Disposal statement in accordance with PR Notice 2007-4 and to include the statement "Do not contaminate water, food, or feed by storage or disposal."

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. If you have any questions, you may contact Samantha Hulkower at (703) 603-0683 or Hulkower.Samantha@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'Mark Suarez', written over a horizontal line. The signature is stylized and somewhat cursive.

Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7505P)

Enclosure: Copy of Label Stamped "Accepted with Comments"

CYPER-ACTIVE® E2 WB TRA

[Note To Reviewer: Optional Marketing Language to be used on can, box, peel out booklet or insert]

- [Kills Roaches, Fleas, Ants (except fire, carpenter & Pharaoh ants) [Argentine ants, harvester ants], Spiders (except brown recluse) [Black Widow Spiders], Silverfish, Mosquitoes, House Flies, Brown Dog Ticks, & Firebrats
- For Use in Apartments, Attics, Basements, Boat Cabins, Campers, Garages, Homes, Household Storage Areas, Pet Sleeping areas, Recreational Vehicles [RVs]
- Kills By Contact!
- Concentrated Fog
- 1 [1.5 oz] can treats up to 2400 cu. ft. (15' x 20' with an 8' ceiling)
- 1 [2 oz] can treats up to 3200 cu. ft. (20' x 20' with an 8' ceiling)
- Contains 2 [3] [1.5 oz] [2.0 oz] [Cans] [Foggers]
- 3 [2 oz] cans treat up to 9600 cu ft
- 3 [1.5 oz] cans treat up to 7200 cu ft
- Whole House 6 Pack!
- 6 [2 oz] Cans Treat an Average 2400 Square Foot [sq.ft] Home
- Keeps Killing German cockroaches For up to 12 Weeks [Wks] on impervious [non-porous] surfaces
- Won't Leave a Wet, Messy Residue
- [Leaves] No Sticky Mess
- Won't Stain or Discolor
- Guaranteed To Work Or Your Money Back
- Value Pack
- [Logo] No CFC's - Federal Regulations Prohibit CFC Propellants in Aerosols
- Contains No CFCs or other Ozone Depleting Substances. Federal Regulations Prohibit CFC Propellants in Aerosols]
- Black Flag – America's 1st name in pest control [since 1833]]

{Text on box, peel out booklet or insert}

Active Ingredient:

Cypermethrin* 0.824%

Other Ingredients:**.....99.176%
100.000%

*Cis/trans ratio: max. 55% (+/-) cis and min. 45% (+/-) trans

**Contains Petroleum Distillates

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

NOV 10 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
73049-454

KEEP OUT OF REACH OF CHILDREN CAUTION

See {appropriate location} for additional precautions

[The entire label is printed in Spanish language inside the box, on insert or peel out booklet]

Net Wt. 1.5 oz to 6.0 oz (xx g) Each

Total Net Wt. xx oz (xx g)

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

Use Restrictions:

- Do not use multiple canisters in a room.
- Do not use in small confined areas
- Turn off ignition sources.
- Remove or cover exposed food.
- Air out the room before entering.
- Fill out and place hang-tag on the door to the treated area to alert family and others with access to the treated area not to enter for 2 hours.
- Do not use in greenhouses where plants are grown for food.
- Do not remain in treated area.
- Vacate the treated house, individual apartment unit or other structure immediately. Do not re-enter for 2 hours
- Wait two (2) hours after application, then open windows, vents and doors for two hours. If an odor is still detected, additional ventilation is required.
- Do not apply this product in a way that will contact any person, pet, either directly or through drift. Keep people and pets out of the area during application.
- Remove birds and other pets before application. Cover any water inhabited by fish (such as aquariums and ornamental fish ponds) during treatment and turn aquarium systems off.

FOR HOUSEHOLD USE ONLY

{The following statements can be modified for larger size cans as long as the use rate remains 1 ounce per 1600 cu. ft.}

(One 2 oz can will treat an area up to 3200 cu ft (20' x 20' with an 8' ceiling)

(One 1.5 oz can will treat an area up to 2400 cu ft (15' x 20' with an 8' ceiling)

{Note to Reviewer – The printed label will include the 2 listed bullet points below or the Products Facts Box}

[Kills ants (except fire, carpenter & Pharaoh ants) [Argentine ants, harvester ants], roaches, fleas, house flies, mosquitoes, spiders (except brown recluse) [black widow spiders], brown dog ticks, silverfish, firebrats]

[Use In: Apartments, Homes, Attics, Basements, Garages, Household Storage Areas]

[PRODUCT FACTS:

Double [Dual] Action: Kills insects and leaves a fresh scent.
 Insects: Kills ants (except fire, carpenter, harvester & Pharaoh ants) [Argentine ants, harvester ants], roaches, fleas, house flies, mosquitoes, spiders (except brown recluse) [black widow spiders], brown dog ticks, silverfish, firebrats
 Where to Use: Apartments, homes, attics, basements, garages, household storage areas]

HOW TO USE THIS PRODUCT CORRECTLY: Does not control bed bugs.

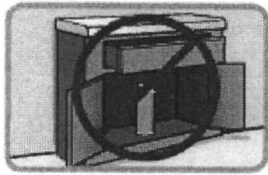
DO NOT use multiple canisters in a room.



{graphic size 2.25 cm x 3.5 cm minimum}

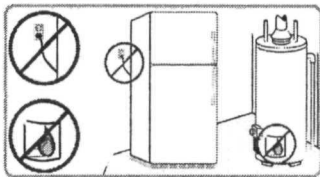


DO NOT use in small, enclosed spaces such as closets, cabinets, or under counters or tables. Use of a fogger in an enclosed space may cause the product to explode, resulting in injury to people or damage to property. DO NOT use in a room 5 ft x 5 ft or smaller; instead allow fog to enter from other rooms.

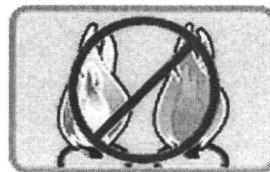


{graphic size 2.25 cm x 3.5 cm minimum}

Turn off ALL ignition sources such as pilot lights (shut off gas valves), other open flames, or running electrical appliances that cycle on and off (i.e., refrigerators, thermostats, etc.) Call your gas utility or management company if you need assistance.



{graphic size 2.25 cm x 4 cm minimum}



{graphic size 2.25 cm x 3.5 cm minimum}

Step 1: **BEFORE YOU FOG:**

OPEN cabinets, cupboards, drawers, closets and doors in area to be treated. REMOVE or cover exposed foods, dishes, utensils, food processing equipment and surfaces. Cover waxed wood floors, waxed furniture and other plastic surfaces near the fogger (newspaper may be used). CLOSE outside doors and windows. SHUT OFF fans and air conditioners.



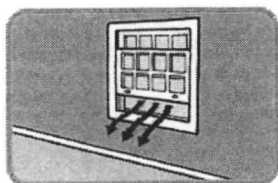
{graphic size 2.25 cm x 3.5 cm minimum}

Step 2: **TO START FOGGING:**

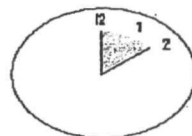
Do not place on water stainable surface. Place a chair or table in the center of area to be fogged approximately 2 ft above the floor. Cover with several layers of newspaper or paper towels. Tilt can opening AWAY from face and depress tab firmly with thumb until it clicks in locked position. Set fogger on newspaper. Immediately leave the area.

Step 3: **AIRING OUT**

Vacate the treated house, individual apartment unit, or other structure immediately. Do not remain in the area during treatment. Keep treated area closed for 2 hours. Do not re-enter for 2 hours. Before reoccupying the area, open all doors and windows and allow to air for 2 hours.



{graphic size 2.25 cm x 3.5 cm minimum}



{clock graphic optional}

Text on Can

CYPER-ACTIVE® E2 WB TRA

Active Ingredient:

Cypermethrin* 0.824%

Other Ingredients:**..... 99.176%
100.000%

*Cis/trans ratio: max. 55% (+/-) cis and min. 45% (+/-) trans

**Contains Petroleum Distillates

Net Wt. 1.5 to 6.0 oz (xx g)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel [insert inside cap] [insert inside box] [hang tag] [outside/inside box [carton] [peel out booklet] for complete directions for use, precautionary statements and first aid
[Available in English and Spanish]

[The entire label is [available] printed in Spanish [language] [inside the box] [on insert [found] [located] [inside cap] [inside box] [on hang tag] [on peel out booklet]

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool, dry place away from heat or open flame, preferably in a locked storage area.
Pesticide Disposal and Container Handling: 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 for disposal instructions.

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

Caution: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Breathing spray mist may be harmful. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

May pose an aspiration hazard. Contains petroleum distillate.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor. You may also contact 1-xxx-xxx-xxxx for emergency medical treatment information.

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. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label carefully.

Highly Flammable Ingredient (FLAMMABILITY ICON)
Ingrediente Altamente Inflamable

Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048

EPA Reg. No: 73049-454
EPA Est. No:

Questions? Comments? See code on the bottom of can then call (xxx) xxx-xxxx or E-mail xxx@xxx.com

{Additional information from the stamped accepted label may be provided on the can as space allows.}

Text on Door Knob Hang Tag

[Attention:] [Notice:] [Caution]: Fogger In Use

[Area has been treated with [Cyper-Active E2 WB TRA] Fogger.]

Note to User: Fill out and place hang-tag on the door to the treated area to alert family and others with access to the treated area not to enter for 2 hours.

[Do not enter [re-enter] treated [house] [apartment] [premises] until _____AM/PM on _____date]

[Do not return to [enter] treated premises for 2 hours [until 2 hours have expired _____AM/PM _____[day]]

[Air out the room] [Wait 2 hours after application, then open windows, vents and doors if an odor is still detectable.]

Area may begin airing out at: _____ on _____.
(time-2 hours after activation) (date)

Area may be re-entered after airing out time: _____ on _____.
(2 hours minimum)

[cut here [scissors illustration] and hang on your door]

