



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

OFFICE OF
 PREVENTION PESTICIDES
 AND TOXIC SUBSTANCES

February 10, 2009

Ms Jane M Miller,
 Agent to Control Solutions, Inc
 c/o BIOLOGIC, Inc
 115 Obtuse Hill Road
 Brookfield, CT 06804-3223

Subject Amended Labeling, Updated Warranty Statement
CSI Misting Concentrate Micro-Emulsion, EPA Reg No 53883-242
Your Submission Dated December 15, 2008

Dear Ms Miller

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following provision(s)

General Statement

1 Delete all text throughout the label marked with "strikethrough "

Optional Marketing Statements section comment(s)

2 Revise the 3rd optional marketing statement to read "[For Use in Indoor (Non-Residential) Areas and Outdoor Residential Misting Systems]"

Directions for Use section, General Precautions & Use Restrictions subsection comment(s)

3 Insert the following statement as a new 2nd bullet in this subsection "Do not use indoors in residential areas "

4 Insert the following text immediately following the last sentence of the 3rd paragraph following the dilution table "Set timer to operate 6 one minute cycles per 24 hours (day) "

Storage and Disposal Statement section comment(s)

5 At the end of the 8th sentence in the "Container Disposal " statement, replace the word "drop" with the word "drip "

Warranty Statement section comment(s)

6 Delete the sentence that reads "In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U S Environmental Protection Agency " This statement is not in accordance with the guidance document entitled, "Guidance on Warranty Statements," dated October 17, 2006, which can be found at the following hyperlink [http //www.epa.gov/pesticides/regulating/labels/warranty.pdf](http://www.epa.gov/pesticides/regulating/labels/warranty.pdf)

Control Solutions, Inc should note that a notice of availability of EPA's RED for products containing pyrethrins was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42387-42389) In addition, EPA's RED for products containing piperonyl butoxide was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42385-42386) As a result, additional data and/or labeling changes may be required for products containing pyrethrins and/or piperonyl butoxide

A copy of your label stamped "Accepted with Comments" is enclosed for your records Please submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e) Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions

If you have any questions about this label review, please contact Mr Carmen J Rodia, Jr at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov

Sincerely yours,



FOR

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

Enclosure Copy of label stamped "Accepted with Comments"

053883 00242 D404716

[] or () indicates alternate or optional wording

CSI Misting Concentrate Micro-Emulsion

[Kills Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes, and Gnats]

[Dilutes with Water]

[Use in Indoor/Outdoor Misting Systems]

ACCEPTED
With COMMENTS
In EPA Letter Dated
February 10, 2009
Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg No
53883-242

ACTIVE INGREDIENTS

Pyrethrins

3 0%

* Piperonyl Butoxide Technical

30 0%

OTHER INGREDIENTS**

67 0%

TOTAL

100 0%

*Equivalent to 24% (butylcarbityl)(6 propylpiperonyl) ether and 6% related compounds

**Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

[See Back/Side Label Panel for Additional Precautionary Statements]

Manufactured By
Control Solutions Inc
5903 Genoa Red Bluff
Pasadena TX 77507

EPA Reg No 53883-242
EPA Est No 53883-TX-002

Net Contents _____

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by the poison control center or doctor • Do not give anything by mouth to an unconscious person
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present after the first 5 minutes then continue rinsing eye • Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth-to-mouth, if possible • Call a poison control center or doctor for further treatment advice
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice
Note to Physician Contains petroleum distillate – vomiting may cause aspiration pneumonia	
Have the product container or label with you when calling a poison control center or doctor or veterinarian, or going for treatment For additional information on this product (including health concerns, medical emergencies or pesticide incidents) you may call 1-800-222-1222 and/or SafetyCall® International at (866) 897-8050	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION Harmful if swallowed inhaled or absorbed through skin Causes moderate eye irritation Avoid breathing vapors or spray mist Avoid contact with skin eyes or clothing Wear goggles, face shield or safety glasses Wash hands thoroughly with plenty of soap and water after handling and before eating drinking, chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

Personal Protective Equipment (PPE)

Mixers loaders applicators and other handlers must wear the following

- Long-sleeve shirt
- Long pants and
- Shoes plus socks

In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face full face or hood style NIOSH-approved respirator with

- A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C) or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or
- A cartridge or canister with any R, P or HE filter

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE If no such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry

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Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. See Direction for Use for additional precautions and restrictions.

PHYSICAL AND 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.

GENERAL PRECAUTIONS & USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.
- Do not apply this product in a way that will contact workers or other persons either directly or through drift.
- Do not enter or allow others to enter until vapors, mists and aerosols have dispersed and the area has been thoroughly ventilated.
- Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until vapors, mists and aerosols have dispersed.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before reuse.
- When used in dairy barns or facilities, close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Do not apply microencapsulated product to lactating or food animals.
- Do not make space spray applications when facility is in operation.
- During space spray applications, cover or remove exposed food.
- During space spray applications, cover food processing surfaces or clean after treatment with a suitable detergent, rinse with potable water before use.
- Do not apply more than 1 time per day.
- Remove pets, birds and cover aquariums before application.

GENERAL INFORMATION

CSI Misting Concentrate may be used as a space spray in horse barns, kennels dairy barns, milking parlors, milk rooms, show arenas, breeding areas, poultry houses, swine parlors, meat packing plants, supermarket receiving areas, food processing plants warehouses, bottling plants flour mills and grain elevators in overhead systems to kill house flies, horse flies, stable flies, deer flies, gnats mosquitoes fleas, ticks ants and roaches May be used in automatic spraying systems around homes to kill insects on patios tennis courts and pool areas

APPLICATION INSTRUCTIONS

GENERAL This concentrated product must be diluted with water When making dilutions add concentrate to the tank and add water Agitate well while adding water and apply as directed

For a Dilution	Amount of CSI Misting Concentrate	Amount of Water	CSI Misting Concentrate per Gallon
0.05% Pyrethrin	1 part concentrate	59 parts water	2 fl oz per gallon
0.1% Pyrethrin	1 part concentrate	29 parts water	4.2 fl oz per gallon
0.30% Pyrethrin	1 part concentrate	9 parts water	13 fl oz per gallon
0.50% Pyrethrin	1 part concentrate	5 parts water	22 fl oz per gallon

For maximum effectiveness following the dilution chart and using a combination of spot surface treatment and fogging are recommended

SPACE SPRAYING Use with conventional mechanical or compressed air equipment to kill exposed accessible stages of Flies (including Fruit Flies) Mosquitoes (including the Culex species that may carry and transmit the West Nile Virus) Small Flying Moths Fleas, Gnats, Wasps Hornets Clover Mites, Cheese Mites, Cheese Skippers Boxelder Bugs Earwigs, Ants and the following common Stored Product Pests Granary Weevils Rice Weevils Confused Flour Beetles Saw-toothed Grain Beetles Spider Beetles Cigarette Beetles Drugstore Beetles Angoumois Grain Moths, Mediterranean Flour Moths Indian Meal Moths Tobacco Moths Yellow Meal Worms Dark Meal Worms, Grain Mites Cadelles Red Flour Beetles and other listed insects

Close Room and shut off air conditioning or ventilating equipment Apply at the rate of one to ten (1 - 10) fluid ounces per 1000 cubic feet of space and direct spray toward upper corners of room and ceiling, filling the room with mist Leave room dosed for 1/2 hour and ventilate thoroughly before re-entry

SURFACE SPRAYING To kill Cockroaches Black Carpenter Ants Silverfish Spiders Crickets Clover Mites Cheese Mites Granary Weevils Rice Weevils, Saw-toothed Grain Beetles Spiders Beetles Cigarette Beetles and other listed insects

Use a sprayer adjusted to a coarse wet spray Mix well and apply as a coarse wet spray using approximately 1 gallon of spray mixture per 750 square feet of surface To provide maximum penetration and impingement on the insects direct the spray first into all cracks and crevices, behind all equipment cupboards obstructions or dark harborage areas, on walls and floors,

underneath sinks behind pipes, beneath stoves and refrigerators around garbage cans and cabinets, along baseboards door sills, window sills, door and window frames and floors around and on drains pipes and plumbing, behind bookcases, storage and other utility installation areas, and in all places that harbor insects Contact as many insects as possible Do not allow spray to contact stored food If surface application only is to be used spray floor and other surfaces To kill ants, treat doors and around window frames and other areas of entry Spray on ants whenever possible

FOR USE IN FOOD AND NONFOOD AREAS OF FOOD PROCESSING PLANTS Industrial installations Bakeries Rice and Wheat Mills Restaurants, Tobacco Warehouses Grain Elevators, and Warehouses Spray as directed to kill listed flying and crawling insects Confine the use of this product in food processing or food handling establishments to time periods when the plant is not in operation Cover or remove food during treatment Cover all food processing surfaces during treatment or thoroughly clean before use following treatment

TREATMENT OF STORED FOOD AREAS Foods in multi-walled bags, cloth bags or other packaging stored in listed areas To kill accessible adult stages of Almond Moths Angoumois Grain Moths Ants Caddisflies, Cereal Beetles, Cheese Mites, Cheese Skippers Chocolate Moths Cigarette Beetles Cockroaches Confused Flour Beetles Crickets Dark Mealworms Drugstore Beetles, Earwigs Firebrats Flies, Fruit Flies Fungus Gnats Grain Mites Granary Weevils Hide Beetles Indian Meal Moths Mediterranean Flour Moths Mosquitoes including the Culex species that may carry and transmit the West Nile Virus Red Flour Beetles Rice Weevils Saw-toothed Grain Beetles Silverfish Small Flying Moths Spiders Spider Beetles Yellow Mealworms Dried Fruit Beetles Warehouse Beetles, Rusty Grain Beetles Lesser Grain Beetles Khapra Beetles and other listed pests Destroy fumigate, or treat infested stored products using effective methods or an approved product intended for this purpose As noted above disperse first by directing spray into cracks and crevices and around corners, pallets and stacks of packaged goods hitting as many insects as possible Then apply as a space spray at a dosage of 1 to 10 fluid ounces per 1000 cubic feet of room space Repeat application as necessary Do not remain in treated area and thoroughly ventilate before re-entry Sweep up and destroy fallen insects

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS Apply with conventional mechanical or compressed air equipment at the rate of 1 to 10 fluid ounces per 1000 cubic feet of room space Apply spray into all cracks and crevices in woodwork walls and floors underneath sinks, behind pipes, and in all places that shelter insects Contact as many insects as possible Repeat as necessary Before use cover or remove exposed food products and packaging materials After use wash equipment and utensils with an effective cleaning compound and rinse with potable water Use as a space spray only when plant is not in operation

FOR USE IN STORAGE FACILITIES AND EQUIPMENT

SANITATION MEASURES This product can be used as a surface spray in warehouse bins trucks, cargo ships mills bin hoppers, elevators and conveying equipment as a clean-up prior to use In mills and elevators, remove all infested accumulations of grain from the bin hoppers All storage and conveying equipment should be thoroughly cleaned by sweeping out waste grain cobwebs and other debris from the walls rafters, floors and door frames paying special attention to material lodged in cracks and crevices Remove all debris and dispose of in outside trash

FOR FARMS Pay particular attention to cleaning up around used feed and grain bags and cleaning grain residues from wagons harvesting equipment and feed troughs Do not place newly harvested

grain in the same bin with carry-over grain Fumigate or treat all carryover grain stocks not previously treated with grain protectant with EPA approved products (such as) [brand name] Perform these cleaning operations two or three weeks before harvest

After above sanitation measures are employed, spray as directed

FOR USE IN ANIMAL QUARTERS Barns Dairies, Milking Parlors, Milking Rooms Poultry Houses, and other listed animal areas For rapid kill of Flies, Mosquitoes including the Culex species that may carry and transmit the West Nile Virus Gnats, and other listed flying insects Dilute with water to give a 0 10% or 0 50% concentration and apply as a fine mist or spray Direct spray towards ceiling and upper comers of area until filled with mist, using about 2 fluid ounces per 1000 cubic feet of space Do not direct spray towards animals or birds For best results close doors and windows before spraying and keep them closed for 10 to 15 minutes following application Applicator should vacate the treated area and thoroughly ventilate it before reoccupying Do not use in milk rooms where raw milk may be exposed

FOR USE IN BARNS, DAIRIES, MILKING PARLORS, MILKING ROOMS, POULTRY HOUSES, and other listed animal housing areas, follow dilution chart and apply as directed Do not use in milk rooms where raw milk may be exposed

0 10% Pyrethrins — Add 1 part concentrate to 29 parts water

0 50% Pyrethrins — Add 1 part concentrate to 5 parts water

FOR USE WITH HAND HELD MECHANICAL FOGGERS to kill House Flies Horn Flies Stable Flies Horse Flies, Mosquitoes (including the Culex species that may carry and transmit the West Nile Virus) Gnats and other listed insects Dilute concentrate and apply as a fine mist or fog Direct spray toward the ceiling and upper comers of the room until the area is filled with mist using about 2 fluid ounces per 1000 cubic feet of space For best results close doors and windows before spraying and keep them closed for 10 to 15 minutes after spraying Applicator should vacate the treated area and thoroughly ventilate it before reoccupying

DIRECTIONS FOR USE IN AUTOMATIC ULV SPRAYING SYSTEMS, IN AREAS SUCH AS ANIMAL QUARTERS, DAIRY AND BEEF BARNS, POULTRY HOUSES, SWINE HOUSING, WAREHOUSES, AND OTHER LISTED ANIMAL HOUSING AREAS

Automatic spraying systems must not be programmed to release pesticides where food or feed is directly exposed

To Kill Flies, Houseflies, Horn Flies, Stable Flies, Horse Files, Mosquitoes (including the Culex species that may carry and transmit the West Nile Virus), Gnats and other listed insects Add concentrate to tank and add water to obtain desired dilution Agitate well while adding water Dispense diluted concentrate through automatic spraying system Set nozzles to deliver 1 fluid ounce per minute Position nozzles to cover a maximum of 2000 cubic feet of space per nozzle Set timer to operate in accordance with equipment directions

DIRECTIONS FOR USE IN OUTDOOR RESIDENTIAL MISTING SYSTEMS

NOTE NOT REGISTERED for use in Automatic ULV Spraying Systems in the State of New York

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Use to kill or temporarily reduce annoyance from accessible stages of Mosquitoes (including the Culex species that may carry and transmit the West Nile Virus Flies), Gnats, Face Flies Fannia Flies Deer Flies Horse Flies Stable Flies, Horn Flies Hornets Wasps Yellow Jackets Fire Brats, Small Flying Moths, Earwigs Fleas Ticks Clover Mites, Brown Dog Ticks Crickets Cockroaches Silverfish Spiders, Darkling Beetles, and other nuisance insects

When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed

If the system works on an automatic timer set the timer for application when people pets and food are unlikely to be present

If the system works when a person operates a remote activation device, then application of this pesticide when people, pets and food are present is prohibited

Do not use in an evaporative cooling system

Direct nozzles to spray towards the target area and away from swimming pools water bodies or eating and cooking areas

If used in a system with a reservoir tank for the end-use dilution, the system reservoir tank must be locked Securely attach the end-use pesticide label and a dilution statement to the system reservoir tank in a weather-protected area or plastic sleeve The dilution statement must be phrased as follows This container holds _____ parts CSI Misting Concentrate to _____ parts water

If used in a direct injection system the pesticide container must be locked Securely attach the end-use pesticide label to the pesticide container in a weather-protected area or plastic sleeve

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.00011 lbs a.i. Pyrethrins per 1000 cubic feet per day or 1/18th fluid ounce of CSI Misting Concentrate or 3 fluid ounces of 0.057% solution per 1000 cubic feet per day

AUTOMATIC SPRAYING SYSTEM DILUTION TABLE

A System Tank size (in gallons)	B Conversion Factor (Fluid ounces of Concentrate per gallon of water)	A x B = fluid ounces of Concentrate for that tank size, to be mixed with water to achieve 0.057% pyrethrin solution
1	2.33	2.33
5	2.33	11.65
10	2.33	23.3
30	2.33	70
55	2.33	128

For high populations of insects or when treating species that are difficult to kill mix at rates giving higher concentrations (percentage) of pyrethrins up to 0.10% using a conversion factor of 4.08 in table above

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When filling tank partially fill the system reservoir with clean water and add concentrate Then fill the rest of the tank with water and agitate well

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.00011 lbs a.i. Pyrethrins per 1000 cubic feet per day, or 1/18th fluid ounce of CSI Misting Concentrate or 3 fluid ounces of 0.057% solution per 1000 cubic feet per day Set timer to operate 6 one minute cycles per 24 hours (day)

For best performance, the spray solution should be in the pH range of 5.5 to 7.0

This product will kill insects directly contacted by its spray solution Since many of the targeted insects can migrate in and out of treatment areas it is recommended that this concentrate be used as part of an Integrated Pest Management (IPM) program Control practices including but not limited to eliminating breeding and harborage sites combined with appropriate use of contact insecticides, Insect Growth Regulators (IGRs) and / or residual insecticides will provide the most effective control of target insects

OUTDOOR USE DILUTION TABLE Follow dilution chart and apply as directed

For a Dilution	Amount of CSI Misting Concentrate	Amount of Water	CSI Misting Concentrate per Gallon of Water
0.05% Pyrethrin	1 part concentrate	59 parts water	2 fl oz per gallon
0.1% Pyrethrin	1 part concentrate	29 parts water	4.2 fl oz per gallon
0.30% Pyrethrin	1 part concentrate	9 parts water	13 fl oz per gallon
0.50% Pyrethrin	1 part concentrate	5 parts water	22 fl oz per gallon

Take care to avoid spraying when wind conditions might create a mist that can blow back to applicator Do not apply this product in or around bodies of water Do not spray directly on plants Spray surfaces and contact as many insects as possible

STORAGE & DISPOSAL

Do not contaminate water food or feed by storage or disposal

Storage Store in a cool dry area Keep container closed

Pesticide Disposal Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

Container Disposal Non-refillable container Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container 1/4 full with water 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 ~~drop~~ Repeat this procedure 2 more times 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

WARRANTY STATEMENT

Control Solutions Inc warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions It is impossible to eliminate all risks inherently associated with use of this product Crop injury ineffectiveness or other unintended consequences may result because

drip

*

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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 Control Solutions, Inc To the fullest extent consistent with applicable law Control Solutions, Inc shall not be liable for consequential special or indirect damages resulting from the use or handling of this product All such risks shall be assumed by the Buyer ~~In addition to the foregoing no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency.~~ Except as expressly provided herein and to the fullest extent consistent with applicable law, Control Solutions Inc makes no warranties guarantees or representations of any kind, either expressed or implied or by usage of trade, statutory or otherwise with regard to the product sold including but not limited to merchantability, fitness for a particular purpose use or eligibility of the product for any particular trade usage To the fullest extent consistent with applicable law the exclusive remedy of any buyer or user of this product for any and all losses injuries or damage resulting from or in any way arising from the use handling or application of this product, whether in contract warranty tort negligence strict liability or otherwise shall be damages not exceeding the purchase price paid for this product or at Control Solutions Inc election, the replacement of this product [Optional]

X

Buyer assumes all risk of use storage or handling of this product not in strict accordance with label DIRECTIONS and PRECAUTIONS [Optional]