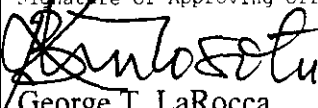
 <b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460	EPA Reg. Number: <b>73049-420</b>	Date of Issuance: <b>06/02/05</b>
	Term of Issuance: <b>Conditional</b>	
	Name of Pesticide Product: <b>Cross Fire 10 MC</b>	
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration  (under FIFRA, as amended)		
Name and Address of Registrant (include ZIP Code):  <b>Valent BioSciences Corporation</b> <b>870 Technology Way</b> <b>Libertyville, IL 60048</b>		
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.  Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.  <b>This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:</b>  1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.  2. Make the following labeling changes before you release the product for shipment: a. Revise the EPA Registration Number to read: "EPA Registration No. 73049-420"		
Signature of Approving Official:  George T. LaRocca, Product Manager (RM 13) Insecticide Branch/Registration Division (7505C)		Date:  <b>June 02, 2005</b>

- b. First page, statements and/or claims above ingredient statements:
- Revise the first statement (add "storage") to read "For ***use and storage*** by Professional pest control operators and ... etc."
  - Revise the second statement (add "livestock housing") to read "... for use in and around ***livestock housing structures*** ...".
  - Either delete or provide data and/or reference product labeling for "Quick Knockdown" claim.
  - Specify pest(s) and duration of residual control (see page 3 under "Dilution").
- c. Precautionary Statements: You may delete "Harmful if ***swallowed or inhaled***", "***Causes moderate eye irritation***" and "***Avoid breathing spray mist***".
- d. First Aid Statements: You may delete "***If in eyes***" and "***If inhaled***" statements.
3. Submit two (2) copies of the revised final printed label bearing the above stated revisions prior to releasing this product for sale.

If you do not comply with the above stated conditions, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release of this product for shipment constitutes your acceptance of these conditions.

A copy of the accepted label is enclosed for your records. If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu at (703) 605-0653.

Enclosure:

# Crossfire®10 MC

For use by Professional pest control operators and livestock producers in livestock housing structures, including poultry houses and pet kennels, to control crawling insect pests where they crawl or [hide].

A microencapsulated insecticide approved for use in and around structures to control a variety of insect pests.

- Controls Darkling Beetles
- Quick Knockdown of crawling insect pests
- Residual Control

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

**JUN 22 2005**

## ACTIVE INGREDIENT:

Esfenvalerate (CAS No. 66230-04-4)	9.36%
Other ingredients*	90.64%
	100.00%

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 73049-420

\*Contains Petroleum Distillate

**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 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 the poison control center or doctor.</li> <li>• Do not give any 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(s) 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(s).</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>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when call a poison control center or doctor, or when 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.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

See Side/Back Panel for Precautionary Statements

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates. 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 cleaning any equipment or 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.

**READ ENTIRE LABEL BEFORE EACH USE OF THIS PRODUCT**

Use only in the areas described on this label.

CROSSFIRE 10 MC Insecticide is designed for residual use only as a general surface, spot and crack and crevice spray. Wear long-sleeved shirt and pants, shoes and socks, and use chemically resistant gloves when mixing or applying product.

This product can be mixed with an approved insect growth regulator in areas where these products are allowed to be sprayed. Please check specific label directions for these products before using.

DO NOT mix this product with disinfectants or surfactants.

DO NOT use strainers or screens finer than 50 mesh size.

DO NOT use in a fogger or as a space spray. CROSSFIRE 10 MC will not damage surfaces which water alone will not damage.

DO NOT apply directly on animals or make interior applications of CROSSFIRE 10 MC in areas where animals are present. Do not allow spray to contact animal feedstuffs, feed surfaces, troughs, watering equipment or water supplies.

DO NOT apply to or treat areas where livestock feed is present. Animals must be removed from area of treatment prior to application.

Keep all persons, especially children, and all pets out of areas being treated. Always make sure that surfaces are dry before allowing persons and/or animals to re-enter.

DO NOT leave product or product containers where children or pets can come in contact with it.

Thoroughly wash food/feed-handling surfaces with soap and water if they become contaminated with this product.

When treating pet kennels, remove pets and cover pet's food and water dishes before spraying.

CROSSFIRE 10 MC Insecticide controls: darkling beetles and other pests such as beetles, boxelder bugs, cockroaches, crickets, earwigs, millipedes, pill bugs, silverfish, waterbugs, palmetto bugs and sowbugs.

**DILUTION** (Dilute ONLY with water):

Product will separate on standing. Shake container of CROSSFIRE 10 MC thoroughly before diluting.

To dilute, fill spray tank with the correct amount of water then add the appropriate amount of CROSSFIRE 10 MC Insecticide as recommended in the dilution rate table below. Close sprayer [tank]

securely and agitate [mix] well before beginning treatment. To ensure a uniformly diluted product, occasionally agitate while treating. Clean spray equipment before and after use.

Application of the 0.06% dilution is suitable for control of heavy infestations and gives at least six weeks of residual control of German cockroaches on cement.

Application of 0.03% solution is suitable for control of light infestations and gives at least one week of residual control for German cockroaches.

**Dilution Rate:**

To make a Solution of	Amount of Crossfire 10 MC needed	Amount of water needed
0.06%*	0.8 ounces	128 ounces (1 gallon)
0.03%*	0.4 ounces	128 ounces (1 gallon)

\*percent active ingredient [esfenvalerate] in the diluted product.

**Application Rate:**

Rate	Amount of Crossfire 10 MC needed to cover 10,000 sq. ft.	Amount of Crossfire 10 MC needed to cover 20,000 sq. ft.
Heavy infestation	8 ounces	16 ounces
Moderate infestation	4 ounces	8 ounces

You may use larger or smaller amounts of water to obtain your solution as long as you apply the labeled amount of active ingredient to the area of treatment.

If re-infestation occurs, do not re-treat more frequently than once per week.

**Spot and Crack & Crevice:**

Apply in two-second bursts of spray per foot of area being treated. Avoid over applying this product. Dampen surfaces, but do not saturate or soak to the point of run off.

**General Surface Spray Treatment**

Apply CROSSFIRE 10 MC as a general residual surface spray to control crawling insect pests in and around livestock housing structures, including poultry houses and pet kennels. Apply diluted product at a rate of one (1) gallon or enough water to provide good coverage per 1000 square feet of surface area. Improved control will be seen when areas are cleaned prior to treatment and interior applications are supplemented with external perimeter treatments.

After treatment, old pet bedding should be removed and replaced with clean, fresh bedding. Old bedding should be thrown away and replaced or treated, then thoroughly cleaned [washed] before reusing.

Do not permit humans or pets to come in contact with surfaces that have been treated with product until spray has dried. DO NOT SPRAY ANIMALS [PETS] WITH THIS PRODUCT. Use a product that is registered for use on animals when treating cats or dogs.

**Building Perimeter Treatment:**

To aid in the prevention of building infestations by darkling beetles, roaches, crickets, earwigs, boxelder bugs, silverfish, millipedes, waterbugs, beetles, palmetto bugs and sowbugs (pillbugs), treat a 2-6 foot band of soil or other substrate adjacent to buildings and building foundations to a height of 2 to 3 feet. Treat eaves, crawl spaces or other areas where these pests are active and may find entrance. Apply as a wet coarse spray at a rate of one (1) gallon of diluted product [spray mix] per 1000 square feet.

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## STORAGE AND DISPOSAL

### STORAGE

Containers should be stored in a cool, dry, well, ventilated area. Keep containers closed when not in use.

### PESTICIDE DISPOSAL

DO NOT contaminate water, food, or feed by storage OR disposal. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER DISPOSAL

Completely empty the container into application equipment. Triple rinse or equivalent, tightly fasten lid then offer for recycling or reconditioning. If recycling is not available, discard in trash. DO NOT reuse empty container. For further information, call 1-800-CLEANUP.

## 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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EPA Registration No. 73049-  
Net. Wt. Lbs. (Kilos)

EPA Establishment No.  
Lot No

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

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