

73049-484

6/11/2012

1048

U.S. ENVIRONMENTAL PROTECTION
AGENCYOffice of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(Under FIFRA as amended)

EPA Reg.
Number:
73049-484Date of
Issuance:
JUN 11 2012Term of Issuance:
ConditionalName of Pesticide Product:
Crossfire® 0.25% Spray

Name and Address of Registrant (include ZIP Code):

Valent BioSciences
870 Technology Way, Suite 100
Libertyville, IL 60048

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. You will submit and/or cite all data required for registration/reregistration 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. You will make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read "EPA Registration Number 73049-484."

Signature of Approving Official:

Refer to page #2.

Richard Gebken, Product Manager (10)

Date:

Jun 11, 2012

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EPA Registration No 73049-484

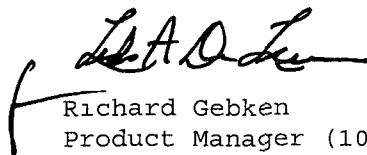
2 You must generate a one year storage stability and corrosion characteristics study corresponding to guideline 830 6317 on the proposed product It is required that the observations be made at 0 3 6 9 and 12 month intervals The results must be submitted to the Agency in electronic and hard copy format

3 The basic Confidential Statement of Formula (CSF) dated November 28 2011 is acceptable The alternate formulation #1 dated December 15 2011 is also acceptable

4 Per 40 CFR 156 10(6) submit one copy of your final printed labeling before you release the product for shipment As defined in 40 CFR 152 3 "final printed labeling" means the "label or labeling of the product when distributed or sold " Clearly legible reproductions or photo reductions will be accepted for unusual labels Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling A stamped copy of the label is enclosed for your records

If you have any questions regarding this action please contact Linda A DeLuise of my team at (703) 305-5428

Sincerely yours



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

Crossfire® 0.25% Spray

- [Kills granary pests ants cockroaches spiders scorpions and other listed insects
- Approved for use in and around food and non food areas of commercial facilities such as food manufacturing and warehousing establishments meat packing facilities bakeries food service establishments food processing plants and railroad cars
- For Indoor use]

ACTIVE INGREDIENT

Esfenvalerate

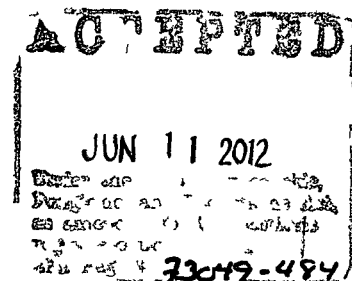
0.25%

*OTHER INGREDIENTS

99.75%

100.00%

* Contains petroleum distillate



EPA Reg No 73049 xxx

EPA Est No

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back panel for additional precautions

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • 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
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 eye • Call a poison control center or doctor for 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
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on the product (including health concerns, medical emergencies or pesticide incidents) you may call 1-877-315-9819.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia	

Net Contents _____ Gallons (_____ Liters)
Lot Number _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Harmful if swallowed Causes moderate eye irritation Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet When applying dilution indoors as a space spray or fog wear a full face gas mask with canister of a type recommended for general pesticide protection

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other wildlife To protect the environment do not allow pesticide to enter or run off into storm drains drainage ditches gutters or surface waters Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems

PHYSICAL OR CHEMICAL HAZARDS

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

All food and food processing surfaces must be covered or removed during application or thoroughly washed before reuse

DO NOT use in and around residential sites

DO NOT apply directly to food

DO NOT apply when food-processing facility is in operation or foods are present

DO NOT apply this product to surfaces or utensils that may come into contact with food

DO NOT treat areas when occupants are present

DO NOT treat establishments where livestock feed is present

DO NOT apply to institutions (including libraries sport venues etc) in the immediate area when occupants are present

DO NOT apply directly to sewers or drains or to any area like a gutter where drainage to sewers storm drains water bodies or aquatic habitat can occur except as directed by this label DO NOT spray plants to be used for food or feed

DO NOT allow children or pets to contact treated surfaces until dry

After space spraying DO NOT remain in treated area after treatment Ventilate area thoroughly before re entry

For Tank Mix

Crossfire® 0 25% can be mixed with an EPA registered product such as pyrethrins or with an insect growth regulator that is approved for use in food handling establishments Application must conform to the use directions and precautions of both products Prior to tank mixing a small jar compatibility test should be conducted using the proper proportions of each product and oil to ensure the physical compatibility of the mixture Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions No label application rates may be exceeded This product cannot be mixed with any product with label prohibitions against such mixing Before using as a tank mix read all product labels carefully and follow directions for use Do not tank mix with products which are not approved for such uses and use sites

FOR INDOOR USE

Apply Crossfire® 0 25% as a contact-spray insecticide to control pests in commercial food and non food areas of non residential food service and handling establishments These include but not limited to bakeries restaurants grocery stores food manufacturing and processing establishments and food warehouses Refer to chart below for application rates

Food Areas include receiving storage bottling canning packing boxing wrapping preparing edible waste storage and enclosed processing systems dairies and mills

Serving Areas are places where prepared foods are served such as restaurants dining rooms but excluding areas where foods may be prepared or staged

Non-food areas include offices vestibules and entries garbage rooms garages storage areas for bottles or canned items lavatories floor drains boiler rooms locker rooms machine rooms and closets

Contact Spray applications please reference rate chart

MIXING DIRECTIONS

Application	Concentration	Usage Rate	Surface Area	Mix in 1 Gallon of Oil*
Light infestations	0.025% active ingredient	1 Gallon	1000 ft ² (33 x 30)	12 fluid oz
Heavy infestations	0.05% active ingredient	1 Gallon	1000 ft ² (33 x 30)	22 fluid oz

*Use an oil that is an odorless light petroleum hydrocarbon as defined by CFR Title 21 Sec 172.884 for all food area and food related applications Mix thoroughly before use

Surface Spray Application,

Before loading areas such as production and storage warehouses rail cars and truck beds with merchandise pre treat areas where products will be stored Pay special attention to areas where pests may hide especially around/into floor drains baseboards equipment chairs non food conveyors and other areas where granary insects may be found especially any cracks and crevices in floors and walls Food processing facility must not be operating during treatment

Application	Pests*	Usage Rate	Surface Area	Retreatment Interval
Apply as a coarse wet spray with a low pressure sprayer (less than 20 psi) to surfaces	Cadell's Cigarette Beetles Confused Flour Beetles Drug Store Beetles Granary Weevils Meal Moth Larvae and Adults, Rice Weevils Rust Red Flour Beetles and Saw Toothed Grain Beetle	One (1) Gallon (diluted)	1000 ft ² (33 x 30)	DO NOT exceed one (1) application every fourteen (14) days
Apply as a coarse wet spray with a low pressure sprayer into all cracks and crevices in woodwork floors under sinks areas behind pipes, utility service boxes	Kills Ants Centipedes Cockroaches Crickets Earwigs Millipedes Psocids Pillbugs Scorpions Silverfish Sowbugs Spiders and Waterbugs			DO NOT exceed more than one (1) application every seven (7) days in restaurants and in food service establishments or more than one (1) application every fourteen (14) days in all types of food handling/processing establishments

*Accessible stages of granary insects

Space Spray Application

Close room and turn off all ventilating equipment such as fans and air conditioning. Apply at the recommended rate in the table below using a reputable generator or mechanical aerosol fogger which creates a thirty (30) micron or less particle size.

Begin by directing spray into all cracks and crevices behind all equipment, cupboards, furniture, cabinets, appliances, or any dark harborage areas, then treat as a space spray directing the spray towards the high corners of the room and the ceiling. Keep areas closed for at least 30 minutes. Leave area immediately after treatment. Turn ventilations system back on and ventilate area thoroughly before re-entering.

Pests*	Usage Rate	Surface Area	NOTE
Gnats, Houseflies, Mosquitoes, and Small Flying Moths	Direct spray one (1) fluid ounce product <u>undiluted</u> at the maximum level of active ingredient (0.25%)	1000 ft ³ (33 x 30) of space	DO NOT repeat application more than once every three (3) days
Angoumois Grain Moth, Cadelle, Cigarette Beetle, Cockroaches, Confused Flour Beetle, Grain Mites, Indian Meal Moth, Mediterranean Flour Moth, Rice Weevil (Adult and Accessible Forms), Saw toothed Grain Beetle, Yellow Meal Worm	Spray one (1) fluid ounce using a mechanical aerosol fogger product <u>undiluted</u> at the maximum level of active ingredient (0.25%)		

*Adult and accessible stages

FOR PREMISE PESTS

For commercial structures (non residential) buildings including non-food areas of industrial/institutional facilities, office buildings, theaters, hotels, libraries, sports facilities, truck trailers, and warehouses when occupants are NOT present in the immediate area.

Application	Pests	Usage Rate	Surface Area	Concentration	Helpful Hints
Apply as a coarse wet spray with a low pressure sprayer to thoroughly treat insect hiding places such as cracks, crevices, under refrigerators and along baseboards and moist areas around pipes and utility service boxes to control the insect pests listed.	Ants, Centipedes, Crickets, Cockroaches, Earwigs, Millipedes, Psocids, Pillbugs, Sowbugs, Spiders and Waterbugs	One (1) gallon of diluted spray	1000 ft ² (33 x 30)	0.025% active ingredient	Look for areas where these pests are found or may hide, including dark corners of rooms, closets, storage rooms, along door and window frames and baseboards, cracks and crevices in floors, walls, and between building construction elements behind and beneath appliances such as refrigerators, stoves, and sinks, cabinets, around garbage cans, bins.
Apply as a coarse wet spray using a low pressure sprayer into cracks and crevices through openings into wall voids or drill.	Carpenter Ants	Add 22 fluid oz. of Crossfire to a Gallon of oil		0.051% active ingredient	

small holes and spray into wall voids where these ants or their nests are found					and dumpsters plumbing and other utility service installations
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Pests flushed from hiding should be sprayed directly For Ants ant trails door thresholds, door and window frames (outdoors and indoors) and wherever these pests may find access into the building should be sprayed

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

STORAGE Store in a cool dry place Keep container tightly closed

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

PESTICIDE DISPOSAL & CONTAINER HANDLING

{Containers with NO dilutable instructions} Non refillable container Do not reuse or refill this container Place in trash or offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities

{Containers that DO include dilutable instructions}

Non refillable container Do not reuse or refill this container Clean container promptly after emptying

{Containers 5 gallons or less}

Triple rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with oil used to dilute the product 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 drip Repeat the procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other approved State or Local procedures

{Containers over 5 gallons}

Triple rinse as follows Empty the remaining contents into application equipment or mix tank Fill the container ¼ full with oil used to dilute product Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal Repeat this procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other approved state and local procedures

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 must 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

DISCLAIMER OF WARRANTIES TO THE EXTENT CONSISTENT WITH APPLICABLE LAW VALENT BIOSCIENCES CORPORATION MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE THAT EXTEND

Libertyville IL 60048

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