

53883-228

09/06/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
53883-228

Date of Issuance:
SEP 16 2007

Term of Issuance:
Conditional

Name of Pesticide Product:
Bifen 0.3% Concentrate

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

~~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:

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 Reg. No.53883-228."
 - b) Revise Precautionary Statements to read as follows:

"Harmful if swallowed, inhaled, or absorbed through skin. 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 before reuse."
 - c) Delete the claim "Ready to spray", this claim isn't supported.
 - d) Replace the claim "Outdoor pest control lasts for up to 8 weeks" with ".... Up to 6 weeks".

Signature of Approving Official:

George T. LaRocca
George T. LaRocca, Product Manager (13)
Insecticide Branch/Registration Division (7505C)

Date:

September 6, 2007

Enclosure

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- e) Replace the claim "Covers up to XXXX sq. ft." with "Covers up to 2667 sq. ft."
 - f) Add "Only" to the statement "For Residential Use Only".
 - g) To the end of the first paragraph under Indoor Use, add in bold type:

"For Spot and Crack and Crevice Treatment Only. Do Apply As A Broadcast Application or Space Spray".
3. Within one year from the date of this notice submit the results of studies for the 830.6317 (one year storage stability) and 830.6320 (corrosion characteristics) studies. For the storage stability study it is recommended that the observations be made at 0, 3, 6, 9, and 12 months intervals.
4. Please submit three (3) copies of your final printed labeling 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 acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

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[BRACKETED TEXT {} OPTIONAL]

**ACCEPTED
with COMMENTS
In EPA Letter Dated
SEP 6 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
53883-228**

Bifen 0.3% Concentrate

Indoor & Outdoor Insect Killer

- [• Ready to Spray
- Kills on Contact
- Fast knockdown
- Repels and Kills Insects
- Kills Mosquitoes[that May Transmit West Nile Virus], Deer Ticks and other listed pests
- Kills Ticks that May Transmit Lyme Disease
- Broad-spectrum insect control]

[Outdoor use marketing statements

- Kills and Repels Insects that Invade and Attack Lawns, Trees, Shrubs and Flowers
- For use outdoors to kill aphids, mites, caterpillars, beetles, whiteflies, sod webworms, chinch bugs, mole crickets, ants, fleas, and ticks, mosquitoes
- Outdoor pest control lasts for up to 8 weeks
- Protects lawns from damaging insects
- Bifen 0.3% Concentrate kills/controls outdoor insects/pests on contact
- Covers up to XXXX sq. ft.]

[Indoor marketing statements

- For use indoors to control Ants, Fleas, Flies (including Houseflies), Mosquitoes, Moths, Roaches, Earwigs, Silverfish Spiders, Ticks, and other listed insects
- Kills Insects, Spiders and [&] Ticks
- Does Not Stain
- Four [4] month control [of] [Roaches][Insects][Ants] indoors]

For residential use.

Active Ingredient:

Bifenthrin*.....0.3%

Other Ingredients:.....99.7%

*Cis isomers 97% minimum, trans isomers 3% maximum

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

Net Contents: 32 FL OZ (1 QT) 946 mL

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[OPEN

Resealable Label for Directions & Precautions

PRESS TO RESEAL (Placed on base of label.)]

PRODUCT INFORMATION

Bifen 0.3% Concentrate is a broad spectrum insecticide that quickly kills insects/pests indoors and outdoors around the home.

DIRECTIONS FOR USE

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

Food utensils such as spoons and measuring cups must not be used for food purposes after use with pesticides.

Do not allow children and pets into the treated area until spray has dried.

1 Tablespoon (Tbs)=3 teaspoons (tsp) 1 fl oz = 2 Tbs 4 fl oz = 1/2 cup

FOR OUTDOOR USE

GENERAL INFORMATION

Bifen 0.3% Concentrate is a broad spectrum insecticide that quickly kills insect/pests that damage roses, flowers, shrubs, fruit trees, vegetable gardens and lawns. **Bifen 0.3% Concentrate** can also be used as a protective barrier, when sprayed around foundations, to keep insect/pests out of the home. **Bifen 0.3% Concentrate** kills insect/pests such as Ants (including carpenter ant, and argentine ant), Aphids, Caterpillars, Chinch bugs, Fleas, Mole crickets, Mosquitoes, Ticks, Whiteflies and other listed lawn & garden insects/pests.

FOR USE ON:

- Lawns
- Trees, roses, shrubs, flowers and other ornamentals
- Listed vegetable and fruit trees
- Around house foundations, porches, patios, wood piles and stored lumber

SHAKE WELL BEFORE USING

LAWNS

Bifen 0.3% Concentrate kills Ants (including carpenter and Argentine), Armyworms, Black Turf Ataenius, Chinch bugs, Cockroaches, Crickets, Cutworms, Earwigs, Fleas, Greenbugs (aphids), Grasshoppers, Lawn moths (Sod webworms), Millipedes, Mole crickets, Mosquitoes, Non-poisonous spiders, Sowbugs, Spittlebugs, Ticks (Brown dog and Deer ticks which may transmit Lyme Disease), Weevils (including billbugs and annual bluegrass) on Bentgrass, Bermuda grass, Bluegrass Fescue, Irish Moss, Merion and St. Augustine lawns.

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APPLICATION INSTRUCTIONS

Apply when insects first appear or when lawn damage is first noticed. Repeat applications should be made only as directed to maintain control. Wait 4 to 6 weeks between applications.

1. Thoroughly wet down grass a few hours before application. Lawn should be no taller than 3 inches at time of application.
2. Measure the area to be treated. Calculate the square footage by multiplying length times width.
3. Spray evenly over the measured area, treating the entire lawn.
4. For best control of surface insects, delay additional watering or mowing for 24 hours after application

Note:

- For control of carpenter ants, spray 1.5 fl oz. per gallon evenly over 65 sq. ft.
- Mosquitoes coming to rest on treated areas will be killed for varying periods of time after application, depending on exposure of treated areas to weathering conditions.

APPLICATION RATES

1. Tank Sprayer

- Use 1.5 fl oz (3 Tbs.) per gallon of water to be sprayed over 125 sq. ft.

2. Dial Type Sprayer

- Set dial to 1.5 fl oz.
- Add 6 fl oz to sprayer jar.
- **DO NOT** add water.
- Attach hose to the sprayer.
- Spray evenly over 500 sq ft until jar is empty.

3. Non-Dial Type Hose End Sprayer

- Add 1.5 oz. to the sprayer jar.
- Fill jar with water to the 1 gallon mark.
- Attach jar to sprayer head and shake well
- Attach sprayer to the hose, turn on water, and spray.

TREES, ROSES, SHRUBS, FLOWERS and OTHER ORNAMENTALS

Bifen 0.3% Concentrate kills Aphids, Armyworms, Bagworms, Black vine weevil, Budworms, Cicadas, Citrus black flies, Elm leaf beetles, Elm spanworms, Fall cankerworms, Fall webworm, Flea beetle, Gypsy moth, Hornets, Inchworms, Lacebug, Leafhopper, Leafminers, Leafrollers, Mealybugs, Mites (clover, spruce, spider), Needle scales, Oakworms, Pine beetles, Pine moths, Pine needleminers, Plantbugs, Sawfly, Spittlebugs, and Wasps on Ageratum, Astor, Arizona Cypress, Azalea, Begonia, Birch, Coleus, Common Ninebark and Snowberry, Conifers, Elm, English Ivy, Euonymus, Exacum, Weeping fig, Fir, Gladiolus, Gold Bells, Honeysuckle, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Tulip Poplar and Zinnia.

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APPLICATION INSTRUCTIONS

Apply when insects first appear. Spray to thoroughly cover upper and lower leaf surfaces, stems, and branches. Penetrate dense foliage. When treating potted plants also lightly spray the soil surface. Spray when air is calm to avoid drift. Application should be made at temperatures between 50°F and 75° F. Spray in the early morning or late afternoon when it is cooler, if temperatures will exceed 85° F. Apply as needed, waiting 7 to 14 days between each application.

Note:

- Hard to control insects/pests may require 2 to 3 applications
- Mosquitoes coming to rest on treated areas will be killed for varying periods of time after application, depending on exposure of treated areas to weathering conditions.

APPLICATION RATES

1. Tank Sprayer

- Use 1.5 fl oz (3 Tbs.) per gallon of water.

2. Dial Type Sprayer

- Set dial to 1.5 fl oz.
- Pour **Bifen 0.3% Concentrate** into jar to full or ½ full.
- **DO NOT** add water.
- Attach hose to the sprayer.
- Spray evenly on plants.
- Pour unused product back into original container.

3. Non-Dial Type Hose End Sprayer

- Add 1.5 oz. to the sprayer jar.
- Fill jar with water to the 1 gallon mark.
- Attach jar to sprayer head and shake well
- Attach sprayer to the hose, turn on water, and spray.

HOME VEGETABLE GARDENS, MELONS and/& FRUIT TREES

Bifen 0.3% Concentrate kills Aphids, Armyworms, Bagworms, Cutworms, Fall webworm, Flea beetle, Lacebug, Leafhopper, Mites (clover and spruce), and Plantbugs on listed vegetables, melons and/& fruit trees.

APPLICATION INSTRUCTIONS

Apply when insects/pests first appear as a thorough spray, wetting leaves and branches, but do not let runoff occur. Re-apply as necessary to maintain control waiting at least 7 days between each application. Be sure to follow important limitations for the specific edible plant you are spraying, including the amount of spray which can be applied, the interval between sprays, and the days to wait before harvest.

APPLICATION RATES

1. Tank Sprayer

- Use 1.5 fl oz (3 Tbs.) per gallon of water to be sprayed over 125 sq. ft.

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2. Dial Type Sprayer

- Set dial to 1.5 fl oz.
- Add 6 fl oz to sprayer jar.
- **DO NOT** add water.
- Attach hose to the sprayer.
- Spray evenly over 500 sq ft until jar is empty.

3. Non-Dial Type Hose End Sprayer

- Add 1.5 oz. to the sprayer jar.
- Fill jar with water to the 1 gallon mark.
- Attach jar to sprayer head and shake well
- Attach sprayer to the hose, turn on water, and spray.

VEGETABLES AND FRUITS	DAYS TO WAIT TO HARVEST
Tomatoes, Strawberries, Citrus, Corn (sweet)	1
Caneberries, Raspberries, Succulent peas and beans; Cucurbits (cucumber, gourds, muskmelon, pumpkin, squash, watermelon)	3
Artichoke	5
Brassicas(broccoli, Chinese broccoli, cabbage, cauliflower, kholrabi, Chinese mustard), Eggplant, Head lettuce, Peppers (bell and non-bell), Walnut	7
Pears	14
Pecans	21

AROUND HOUSE FOUNDATIONS, PORCHES, PATIOS, STORED LUMBER

Bifen 0.3% Concentrate kills ants (including carpenter ants, lasius, Argentine), centipedes, crickets, earwigs, millipedes and ticks (American, deer tick, brown dog tick) around house foundations, porches, patios, wood piles and stored lumber.

DO NOT TREAT FIREWOOD

APPLICATION INSTRUCTIONS

To keep insects/pests from entering the house, use a hose-end or tank sprayer to spray a 2 foot band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 feet. Repeat application every 14 days if necessary.

Note:

- To control **carpenter ants** spray 1.5 fl oz. per gallon evenly over 65 sq. ft.

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APPLICATION RATES

1. Tank Sprayer

- Use 1.5 fl oz (3 Tbs.) per gallon of water to be sprayed over 32 linear feet (125 sq. ft.)

2. Dial Type Sprayer

- Set dial to 1.5 fl oz.
- Add 6 fl oz to sprayer jar.
- **DO NOT** add water.
- Attach hose to the sprayer.
- Spray evenly over 500 sq ft until jar is empty.

APPLICATION THROUGH A HOSE END READY-TO-SPRAY CONTAINER

This method of application is fast, easy and convenient. Apply to roses, flowers, shrubs, fruit trees, vegetable gardens, lawns and around house foundations (perimeter treatment).

APPLICATION INSTRUCTIONS

1. Connect sprayer to hose and turn on the water.
2. Extend the hose out and away from the water faucet so that walking on the treated area will be minimized.
3. Point the nozzle in the direction you want to spray, then bend small plastic tab back and turn knob clockwise to ON position.
4. Follow **APPLICATION INSTRUCTIONS** for each use appearing on this label.

After application:

1. Bend small plastic tab back and turn knob counter- clockwise to OFF position.
2. Turn the water off.
3. To relieve the water pressure and drain the hose, bend the plastic tab back and turn knob to ON position until the water stops dripping out of the hose. Then, turn knob back to OFF position]

FOR INDOOR USE

Bifen 0.3% Concentrate kills insect/pests such as Ants (including carpenter ants, Asian Ladybird Beetle, Harvester Ants, Foraging Fire Ants), Carpet Beetles, Fleas, Flies (including Houseflies), Mosquitoes, Moths, Confused Flour Beetle, Granary Weevil, Indian Meal Moth, Red Flour Beetle, Rice Weevil, Sawtoothed Grain Beetle, Roaches, Scorpions, Silverfish, Spiders (including Black Widow, Brown Recluse, Hobo & Daddy Long Legs), Ticks (including ticks that may transmit Lyme Disease).

FOR USE ON HOME SURFACES INCLUDING:

- On floors, floor coverings (rugs, carpets, tile, vinyl & wood) and baseboards
- In cupboards, pantries, garages, basements or attics
- Around and under sinks, cabinets, stoves, refrigerators, and plumbing
- In cracks and crevices in walls

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SHAKE WELL BEFORE USING

APPLICATION INSTRUCTIONS

Before using, cover or remove exposed food (including pet food). Cover all food processing surfaces and utensils. Hold sprayer 12 inches from surfaces being treated. Apply a 4 inch band along the surfaces being treated. Spray until slightly wet without soaking.

Note:

- People and pets may re-enter treated area after sprays have dried.
- Thoroughly wash all food processing surfaces and utensils with soap and water before reuse.
- Repeat treatment as needed. Re-treatment is recommended at least once per season.

APPLICATION RATES

1. Pump-Up Sprayer

- Add 21 fl. oz. to an empty 1 gallon sprayer. Slowly fill with 107 fl. oz. of clean tap water.

2. Pull-Type Sprayer

- Remove sprayer and hose from side carrier.
- Insert plug at end of hose into spout cap pushing until it clicks.
- Flip up spout.
- Point sprayer away from body, holding by the handle.
- Slowly pull ring at bottom of sprayer handle until it stops.
- Adjust the nozzle to appropriate spray pattern
- Press and hold button on sprayer to begin spraying.
- Pull ring at sprayer bottom as needed to continue spraying.

Fleas and Ticks (including ticks that transmit Lyme Disease)

Bifen 0.3% CONCENTRATE may be used to spot treat infested areas such as pet resting quarters and surrounding areas of floors/floor coverings (rugs, carpet, tile, vinyl, and wood) where pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of the pet area.

Note:

- **Do not spray animals.** To control the source of flea infestation, pets should be treated with a product registered for application to animals.

Ants

Apply directly to ants and ant trails.

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STORAGE AND DISPOSAL

STORAGE: Keep from freezing. Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: 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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

If swallowed:	Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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If inhaled:	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.
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If on skin or clothing:	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.
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If in eyes:	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.
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Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: Emergency Information call [enter phone number].

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

This product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treatment areas.

PHYSICAL OR CHEMICAL HAZARDS: Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

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NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

Manufactured by:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

EPA Reg. No. 53883-XXX

EPA Est. Number 53883-TX-002