

11556-111

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 23 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mary McKinney Hunt
Bayer HealthCare LLC
Animal Health
P.O. Box 390
Shawnee Mission, KS 66201

Subject: Label Amendment – Remove All Uses Except Agricultural Animal Premise Use

EPA Reg. No. 11556-111
Tempo® 20 WP Premise Insecticide

Your submission dated September 23, 2009

Dear Ms. McKinney:

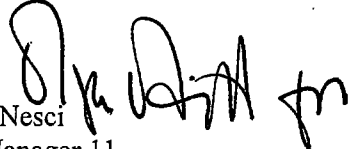
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

1. On page 4, move the *General information* section above the *Directions for Use* heading, so that there is no break between the directions for use on page 3 and the rest of the directions/use tables.
2. Under *General Information*, move the statements (bullets) on page 4, "*Do not use in commercial food/feed handling establishments...feedstuff or watering equipment*" to the *Directions for Use* section, under "*Important*."

The amended basic CSF for the subject product, dated 09 September 2009, is acceptable. The amended CSF supersedes all previous CSFs on file.

If you have questions regarding this action, please contact Olga Odiott at (703) 308-9369.

Sincerely,


Kimberly Nesci
Product Manager 11
Insecticide Branch
Registration Division (7505P)

Enclosure

Reason To Issue: Update label for compliance.

Date: 09/10/09
Supersedes: 06/03/02
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TEMPO® 20 WP PREMISE INSECTICIDE

For Broad-Spectrum Control of Crawling and Flying Pests
In and Around Poultry and Livestock Premises

Active Ingredient	Percent By Weight
Cyfluthrin; [CAS No. 68359-37-5].....	20%
Other Ingredients	80%
	100%

EPA Est. No. - TBD
EPA Reg. No. 11556-111

NET CONTENTS: 14.8 oz. (420 GRAMS)

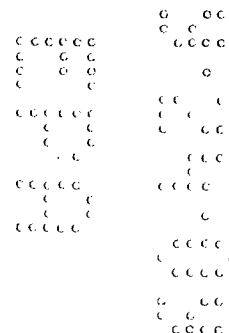
STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

ACCEPTED
with **COMMENTS**
In EPA Letter Dated
DEC 23 2009
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
11556-111

CAUTION

Bayer HealthCare LLC
Animal Health Division
P.O. Box 390
Shawnee Mission, Kansas 66201, USA



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Avoid breathing dust or spray mist. Wash hands thoroughly with soap and warm water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

Wear safety glasses, goggles, or a face shield when handling the undiluted material and wear a respirator when making general surface overhead treatments indoors.

FIRST AID	
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • 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 mouth-to mouth if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 swallowed	<ul style="list-style-type: none"> • 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 to an unconscious person.
<p>HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical treatment information call 1-800-422-9874. For product information call 1-800-633-3796.</p>	
<p>Note to Physician: No specific antidote is available. Treat the patient symptomatically.</p>	

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and other aquatic organisms. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply TEMPO® 20 WP Premise Insecticide or allow it to drift onto crops or weeds on which bees are actively foraging. Additional information may be obtained by consulting your Cooperative Extension Service.

Tempo® 20 WP Premise Insecticide Quick Facts	
	<ul style="list-style-type: none"> • Quick knockdown & residual control • Low Odor • Non-staining • Wettable powder containing 20% cyfluthrin
Controls	<ul style="list-style-type: none"> • Indoor Pests • Outdoor / Perimeter Pests <p><i>For list of specific insects, see directions for use.</i></p>
Where to Apply	<p>Apply where pests have been seen or found, or can find shelter</p> <ul style="list-style-type: none"> • In and around buildings and structures as perimeter treatment in and around livestock and poultry housing
Coverage	<ul style="list-style-type: none"> • Makes up to 42 gallons of finished spray solution for indoors (420 g size) • Treats up to 42,000 sq ft outdoors (420 g size)
Mixing Information	<ul style="list-style-type: none"> • Mix the appropriate amount of TEMPO® 20 WP Premise Insecticide with water • May tank mix with other pesticides currently registered for similar uses, unless specifically prohibited
How to Apply	<ul style="list-style-type: none"> • General surface, spot, or crack & crevice application
Re-Apply	<ul style="list-style-type: none"> • Every 7 to 10 days, if needed
Re-Entry	<ul style="list-style-type: none"> • Avoid contact with treated surfaces until dry. People may re-enter after the treated area is dry.
Questions	<ul style="list-style-type: none"> • For questions or comments, call toll-free 1-800-633-3796

DIRECTIONS FOR USE

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

IMPORTANT: Read entire label and Conditions of Sale before using TEMPO® 20 WP PREMISE INSECTICIDE. Do not apply directly to animals, feed, food, or watering equipment.

GENERAL INFORMATION

TEMPO® 20 WP PREMISE INSECTICIDE contains 20% active ingredient which will provide effective knockdown and residual control of the pests listed in this label.

TEMPO® 20 WP PREMISE INSECTICIDE is intended for use as a general surface, spot or crack and crevice application for pest control in and around animal housing and their immediate surroundings. Permitted areas of use include: animal runs, animal holding areas, animal quarters, boarding kennels, chicken and turkey houses (when birds are not present), cattle (including dairy) barns, feed lots, horse stables, corrals, kennels, livestock barns and holding facilities, storage areas, storage rooms, trailers, utility rooms, and rooms in animal facilities.

TEMPO® 20 WP PREMISE INSECTICIDE will not stain or cause damage to any painted or varnished surface, plastic, fabric or other surface where water applied alone causes no damage.

For best results, clean facilities before applying and treat outdoor perimeter areas.

- Do not use in commercial food/feed handling establishments, restaurants, or other areas where food is commercially prepared, processed, or served.
- Do not apply indoors where animals other than cattle or horses are present.
- Do not apply to animal feedstuffs or watering equipment.

INDOOR PESTS			
Crawling Pests	Beetles (exposed adults & immature stages)	Moths	Flying Pests
Ants (except Pharaoh)	Cadelle	Indian meal	Clothes moths
Bedbugs	Cigarette	Mediterranean flour	Flies
Carpet beetles	Confused Flour		Gnats
Centipedes	Dermestid		Hornets
Clothes moths	Drugstore		Midges
Cluster fly	Granary weevil		Moths
Cockroaches	Hide		Wasps
American	Larder		Yellow-jackets
Asian	Leather		
German	Lesser grain borer		
Oriental	Lesser meal worm		
Brown-banded	Merchant grain		
Smoky brown	Mealworm		
Crickets	Red flour		
Darkling beetles	Rice weevil		
Earwigs	Sawtoothed grain		
Firebrats	Warehouse		
Millipedes			
Pillbugs			
Silverfish			
Sowbugs			
Spiders			

WHERE TO APPLY

Apply where pests have been seen or found or can find shelter. Use a general surface, spot, crack and crevice application.

USE RATE

0.05% - 10 g (2 scoops)/gal water

0.1% - 20 g (4 scoops)/gal water

- Use high rate for severe infestations, faster knockdown, and longer residual.
- Always use the high rate for bees, wasps, yellow jackets and hornets.

HOW TO APPLY (Also see APPLICATION FOR INDOOR PESTS)

- Remove or tightly cover fish tanks and disconnect aerators during application.
- Remove animals other than cattle and horses during application and until treated surfaces are completely dry.
- Avoid contact with treated surfaces until dry.
- Wear safety glasses, goggles, or face shield and or a dust/mist respirator when treating overhead areas.

General Surface Applications

- Use a low-pressure system (do not exceed 50 psi at nozzle tip), with a fan-type nozzle to apply the dilution uniformly.

Spot or Crack and Crevice Applications

- Apply directly into voids, cracks and crevices using spray equipment.
- Use a low-pressure system (do not exceed 50 psi at nozzle tip), with a pinpoint or variable pattern nozzle or applicator equipment that delivers low volume treatments, such as the Micro-Injector[®] or Actisol[®].

WHEN TO APPLY

- When pests are seen or found
- Re-apply every 7 to 10-days if needed.

MIXING INFORMATION

- Add product when filling spray tank with water; shake or agitate mixture.
- Diluted spray mixture can be stored overnight. Agitate before using.

Can be tank mixed with other pesticides currently registered for similar uses. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates.

RESTRICTIONS

- **Do not** treat entire area of floor or floor coverings.
- **Do not** apply where electrical short circuits can occur. Use a dust or a dry bait in these areas.
- **Do not** apply to furniture or upholstery where prolonged contact by humans will occur.
- **Do not** apply as a space spray.
- **Do not** allow children or pets to enter treated areas until surfaces are dry.

APPLICATION FOR INDOOR PESTS**GENERAL PESTS – Cockroaches, Crickets, Silverfish, Spiders, and others**

- Use a course, low-pressure spray.
- Treat entry points such as around water pipes, doors, windows, and eaves.

Treat areas where pests normally feed or hide such as baseboards, corners, around water pipes, under refrigerators, cabinets, and sinks, being sure to spray cracks & crevices. Spot treat floor in closets, and storage areas, but do not apply to entire floor area.

- **Do not** use as a “space spray.”
- **IGR Note:** This product can be tank mixed with an insect growth regulator (IGR) for extended cockroach control.

ANTS

- Apply to ant trails on walls, tile, baseboards, around pipes, under cabinets, and other places where ants are active.
- Treat entry points such as windows and doors and the outdoor perimeter.
- For best results, treat nests where possible.

FLYING INSECTS

- Apply to surfaces where pests collect or rest

OUTDOOR/PERIMETER PESTS			
Ants	Cockroaches	Gnats	Scorpions
Bees	Crickets	Ground beetles	Silverfish
Boxelder bugs	Elm leaf beetle	Hornets	Sowbugs
Carpenter ants	Fire ants	Imported red fire ants	Spiders
Cecidflies	Firebrats	Midges	Ticks
Centipedes	Fleas	Millipedes	Wasps
Cluster flies	Flies	Moths	Yellow-jackets
		Pillbugs	

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WHERE TO APPLY

- Apply where pests have been seen or found, or can find shelter.
- Apply to buildings, porches, patios, garages, fences, and other areas where pests are found.
- To prevent infestation, treat the building foundation, walls, and around doors, windows, and soffits where pests are active or may enter or hide; also treat the soil, turf, or other substrates adjacent to buildings

USE RATE

- 10 to 20 g (2 to 4 scoops) / 1000 sq ft See Table 1 for mixing directions.
- For fire ants and flying pests
 - 0.5% - 10 g (2 scoops) / gal water
 - 0.1% - 20 g (4 scoops) / gal water
- Always use the high rate for fire ants, bees, wasps, yellow jackets and hornets.
- Use high rate for severe infestations, faster knock down, and longer residual.

HOW TO APPLY (Also see APPLICATIONS FOR OUTDOOR/PERIMETER PESTS)

- Perimeter Treatment: To help prevent infestation of structures, treat area adjacent buildings in a band up to 10 feet wide. Also treat the building foundation to a height of 2 to 3 feet in areas where pests are active or can find entrance.
- Apply just enough dilution to adequately cover the area without excessive dripping or runoff. Volume can vary depending on the surface type treated. For example, mulch requires more space than bare soil. If mulch is heavy, rake it back to expose soil before treating.
- Avoid contact with treated surfaces until dry.

WHEN TO APPLY

- When pests are seen or found
- Re-apply every 7 to 10-days if needed.

MIXING INFORMATION

- Add product when filling spray tank with water; shake or agitate mixture.
- Diluted spray mixture can be stored overnight. Agitate before using. Can be tank mixed with other pesticides currently registered for similar uses. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates.

Table 1: Mixing Directions for Outdoor/Perimeter Applications

Application Volume: Gallons/1,000 sq. ft.	Use Rate: Grams/1,000 sq. ft.	Scoops* of TEMPO® 20 WP Premise Insecticide diluted to These Volume of Finished Spray			
		3 gal.	10 gal.	15 gal.	25 gal.
2	10	3	10	15	25
	20	6	20	30	50
5	10	1	4	6	10
	20	2	8	12	20
10	10	-	2	3	5
	20	-	4	6	10

*1 level scoop = 5 grams

FORMULA FOR DETERMINING THE PERCENT CONCENTRATION IN THE FINISHED SPRAY

$$\frac{\text{(Scoops of TEMPO® 20 WP Premise Insecticide)}}{\text{(Gallons of finished spray)} \times 37.85} = \text{Percent Concentration}$$

APPLICATION FOR OUTDOOR/PERIMETER PESTS

Ants	Locate and treat ant nests, if possible. Follow trails of foraging workers, check under objects near the structure, and inspect other likely nest sites. If ants are nesting in the soil, thoroughly drench or inject the nest of surrounding soil. Treat ant trails around windows and doors, along sidewalks, or other areas where seen. Apply a perimeter treatment as described above.
Bees, Wasps, Yellow Jackets, Hornets	Use Rate: 0.1% concentration. Make pin stream applications directly to the nests. To help avoid stings treat nests in the evening when the insects are inside the nest. For best results, check nests within one or two days to ensure complete kill. Remove and destroy treated nests to prevent emergence of newly hatched insects, secondary pest problems, and possible staining from honey. If removal is not possible, retreat nests if necessary.
Boxelder Bugs	Apply directly to boxelder bugs that have congregated around doors and windows and similar areas where they may enter structures. Apply perimeter treatment as described above. For best results, treat infested trees early in the season. Tree spraying may require ornamental license – check with your local regulator.

Centipedes, Millipedes, Pillbugs, Sowbugs	Apply perimeter treatment to reduce the number of insects from entering the structure. Thoroughly treat mulched areas. Reduce moisture areas from around the structure.
Fire Ants	Use Rate: 0.1% concentration Thoroughly drench or inject the entire mound. When using injection treatment, you must treat the bottom of the mound. Apply dilution using a downward and upward motion of the injector tool. For complete distribution, inject in several points throughout the mound. Treat new mounds as they appear. Do not use in pastures or areas of food crop production.
Fleas and Ticks	For ticks, treat likely harborage areas like along paths, tall grass and other vegetation. For best results, treat the entire area where ticks could be present. Begin treating in the spring. Ticks may be reintroduced from surrounding areas by host animals. Continue treating until frost to control both larvae and adult ticks.
Flies	Use Rate: 0.05% to 0.1% Apply low-volume mist or spray to outside surfaces of buildings, porches, patios, garages, fences, and other areas where flies rest. CLUSTER FLY: Treat in late summer or fall, just before flies begin looking for winter shelter. Spray siding, eaves, around windows and doors, window screens, and attics. To help reduce infestations, treat cracks and crevices, attics and other indoor winter hiding places. Note: Cluster flies may appear during winter warm spells, while snow is still on the ground.
Scorpions	Treat around piles of firewood and other areas where scorpions may hide. When possible, remove piles of materials that can harbor the pests. Apply a perimeter treatment.

WOOD-INFESTING PESTS

<u>Beetles:</u> Ambrosia Deathwatch False powderpost Old house borer Powderpost	Carpenter ants	Carpenter bees	<u>Termites:</u> Subterranean Formosan Drywood
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WHERE TO APPLY

- Apply where pests have been seen or found, or can find shelter

USE RATE

- 0.1% - 20 g (4 scoops) / gal water

HOW TO APPLY (Also see Application section)

- Apply spray as described in application section.
- Avoid contact with treated surfaces until dry.

WHEN TO APPLY

- When pests are seen or found
- Re-apply every 7 to 10-days if needed.

MIXING INFORMATION

- Add product when filling spray tank with water; shake or agitate mixture.
- Diluted spray mixture can be stored overnight. Agitate before using.

Can be tank mixed with other pesticides currently registered for similar uses. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates.

APPLICATION FOR WOOD-INFESTING PESTS

Carpenter Ants	<p><u>In structures:</u> Apply around doors and windows and other places where carpenter ants may enter. Spray into cracks & crevices where ants or nests are present. Use enough spray to cover the area. Do not exceed 1 gallon of dilution per 1000 square feet.</p> <p><u>Protecting firewood from carpenter ants:</u> Treat soil beneath firewood before stacking at 1 gallon of dilution per 8 square feet.</p> <p>Do not treat firewood with this product.</p>
Carpenter Bees	<p><u>In structures:</u> Spray directly into gallery entrance holes. Leave entrance open for 24 hours to be sure that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.</p>
Wood-Infesting Beetles	<p><u>On structure surfaces:</u></p> <p>For small areas, spray even on wood surfaces.</p> <p>For large or overhead areas, thoroughly cover wood surfaces with a coarse spray.</p> <p>Protect surfaces below the treated area from accidental dripping by covering with disposable plastic sheeting or other material that can be thrown away after treatment.</p> <p><u>In localized areas:</u> Apply dilution to voids and galleries in damaged wood, in spaces between wooden structural members, and between the sill plate and foundation.</p> <p>Sprayed Surfaces should be avoided until the treated area is completely dry.</p>
Drywood and Above-Ground Subterranean Termites	<p>This type of application is intended to be a supplemental treatment for control of drywood and aboveground subterranean termites and other wood-infesting insects. Such applications for termites are not a substitute for mechanical alteration, soil treatment or foundation treatment, but are merely a supplement. For active termite infestations, get a professional inspection.</p> <p><u>In localized areas:</u> Apply dilution to void and galleries in damaged wood, and in to spaces between wooden structural members, and between the sill plate and foundation where wood is vulnerable.</p> <p><u>Protecting firewood from termites:</u> Treat soil beneath firewood before stacking at 1 gallon of dilution per 8 square feet.</p> <p>Do not treat firewood with this product.</p>

STORAGE AND DISPOSAL

Not for Storage In or Around the Home

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage:

Store in cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food and feed. Protect from freezing. Store in original container and out of reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage.

Pesticide Disposal:

- Pesticide wastes are hazardous.
- Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law.
- If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

- Do not use container in connection with food, feed, or drinking water.
- Nonrefillable container. Do not refill or reuse this container. Offer for reconditioning, if appropriate. 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 ¼-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 drip. Repeat this procedure two more times.

Spills

If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material.

- Do not walk through spilled material.
- Dispose of pesticide as directed above.
- Keep unauthorized people away.

For transportation emergencies contact Chemtrec at 1-800-424-9300.

Conditions of Sale: The directions on this label are believed to be adequate and must be followed carefully. This product has been tested under different environmental conditions similar to those that are ordinary and customary for use of the product. However, it is impossible to eliminate all risks associated with the use of this product. Failure to follow label directions may cause injury to animals, humans and damage to the environment. Insufficient control of pests, injury 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 Bayer HealthCare LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Limited Warranty and Limitation of Damages: Bayer HealthCare LLC, Animal Health Division warrants that this material conforms to the chemical description on the label. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL, and no agent of Bayer is authorized to make or modify any warranties beyond those contained herein. Any damages arising from breach of this warranty shall be limited to direct damages and shall not include special, incidental or consequential damages resulting from the use of handling of this product.