



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 19 2003

Ms. Liane Stocky
Bayer Environmental Science
95 Chestnut Ridge Road
Montvale, NJ 07645

Subject: Label Amendment to Update First Aid Statements (PR Notice 2001-1) and Revise Warranty Statements

EPA Reg. No. 432-1338
Tempo® 20 WP
Your Submission Dated August 29, 2003

Dear Ms. Stocky:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Revise the precautionary statements to read: *"Caution: Causes moderate eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse"*.
2. Rearrange the first aid statements in the following order: *If in Eyes, If Swallowed, If on skin, If Inhaled*.
3. Move the statements "Do not contaminate food or feed", "Keep out of the reach of children", and "Do not allow children or pets to enter treated areas until surfaces are dry" to the Directions for Use section of the label.
4. Delete "For commercial use only". This product is restricted to use by certified applicators only.

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5. Delete the statements "Do not formulate this product into other end-use products". Such a statement is in conflict with use of the formulators exemption (CFR 40 § 152.85).
6. Submit finished labeling for the water soluble packet.

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

Sincerely,



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

Enclosure



Bayer Environmental Science

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RESTRICTED USE PESTICIDE

Due to toxicity to fish and aquatic organisms.

For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Tempo[®] 20 WP Golf Course Insecticide

This label contains two separate label statements for, Water Soluble Packaging and non-WSP packaging.

For commercial use only.

For broad-spectrum control of insect pests infesting turf, trees and ornamentals on residential and commercial sites including golf courses.

ACTIVE INGREDIENT:

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate 20%

INERT INGREDIENTS: 80%
100%

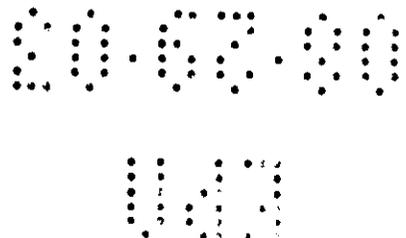
EPA Reg. No. 432-1338

EPA Est. No. _____

**STOP - Read the label before use.
Keep out of reach of children.**

CAUTION

ACCEPTED
with COMMENTS
In EPA Letter Dated
Nov 19 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
432-1338



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RESTRICTED USE PESTICIDE

Due to toxicity to fish and aquatic organisms.

For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



Bayer Environmental Science

Tempo[®] 20 WP Golf Course Insecticide

In Water Soluble Packets

For commercial use only.

For broad-spectrum control of insect pests infesting turf, trees and ornamentals on residential and commercial sites including golf courses.

ACTIVE INGREDIENT:

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate 20%

INERT INGREDIENTS: 80%

100%

EPA Reg. No. 432-1338

EPA Est. No. ____

STOP - Read the label before use.

Keep Water Soluble Packets in this Container.

Store in a Cool Dry Place but Not below Freezing (32° F).

Dealers Should Sell in Original Packages Only.

Keep out of reach of children.

CAUTION

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

PRECAUTIONARY STATEMENTS

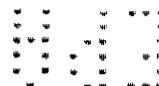
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.

Do not contaminate feed or food. Keep out of reach of children.

Do not allow children or pets to enter treated areas until surfaces are dry. Wash thoroughly with soap and warm water after handling. Remove contaminated clothing and wash before reuse.

ACCEPTED
with COMMENTS
In EPA Letter Dated
Nov 19 2013
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
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432-1338



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 a 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577

NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.

SYMPTOMS OF POISONING: In case of poisoning, call physician or Poison Control Center immediately. Have patient lie down and keep quiet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or 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 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.

DIRECTIONS FOR USE

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

Do not formulate this product into other end-use products.

GENERAL INFORMATION

When used at recommended rates and as directed under RECOMMENDED APPLICATIONS, TEMPO 20 WP Insecticide will control the designated pests on trees, shrubs, foliage plants and flowers in outdoor landscaped areas and interior plantscapes where these plants are grown. TEMPO 20 WP Insecticide also controls designated pests in turf grasses.

NOTE: Not for use in commercial greenhouses, nurseries, sod farms or grass grown for seed. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

MIXING: Within each pouch is a clear inner packets containing TEMPO 20 WP. The clear inner packet is **water soluble**. Do not allow packets to become wet prior to adding to the spray tank. Do not handle the clear inner packets with wet hands or wet gloves. Rough handling may cause breakage. Reseal pouch to protect remaining packets.

To prepare the spray mixture, drop the required number of **unopened** clear water soluble packets, as determined under "Recommended Applications", into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they are added to the water. Cooler water temperatures increase the time needed for the packet to dissolve completely.

CAUTION: Do not use TEMPO 20 WP packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of the polyvinyl alcohol (PVA) packaging and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. TEMPO 20 WP Water Soluble Packets are compatible with chlorinated water. Do not attempt to use the WSP packets directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble not oil soluble.

TANK MIXING: The user, at his or her discretion, can tank mix pesticides currently registered for similar use patterns, unless the product labels specifically prohibit such use. No label dosage rates should be exceeded. For example, TEMPO 20 WP Golf Course Insecticide can be tank mixed with MERIT 75 WSP Insecticide for use on turf and landscape ornamentals in accordance with the more



(most) restrictive of label limitations and precautions. When tank mixing TEMPO 20 WP Golf Course Insecticide with MERIT 75 WSP Insecticide, the mixing sequence does not matter.

COMPATIBILITY: TEMPO 20 WP Insecticide has been found to be compatible with all commonly used fungicides, miticides, liquid fertilizers and other insecticides. Check physical compatibility using the correct proportion of products in a small jar if local experience is unavailable.

Do not apply this product through any type of irrigation system.

APPLICATION ON ORNAMENTALS: TEMPO 20 WP Insecticide mixes readily with water and may be used in all types of spray equipment. Mix product with the required amount of water and apply as a dilute spray application to the point of run-off. When spraying hard-to-wet foliage such as holly, pine or ivy, the addition of a spreader/sticker may enhance both knock-down and residual activity. If concentrate or mist type spray equipment is used, an equivalent amount of product should be used on the area sprayed, as would be used in a dilute application. Phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions and no phytotoxicity has been observed. It is advised to pre-spray a selection of ornamentals if local use experience is unavailable. Time applications to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

Recommended Applications for Landscape Ornamentals				
(Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)				
PEST				DOSAGE TEMPO 20 WP
Ants*	Elm leaf beetles	Midges*	Spiders*	55 grams (1 Packet) Per 100 Gallons of Water
aphids	Elm spanworms	Mosquitoes*	Spittlebugs	
Amyworms	Flea beetles	Oleander moth larvae	Striped beetles	
Azalea caterpillars	Flies*	Orchid weevil	Striped oakworms	
Bagworms	Fungus gnats	Pear psylla	Tent caterpillars	
Boxelder bugs	Grasshoppers	Peppertree psyllid	Thrips	
Bristly rose slugs	Gypsy moth larvae	Pillbugs	Ticks (including deer ticks)	
Budworms	Japanese beetles (adult)	Pine shoot moths	Tussock moth larvae	
California oakworms	June beetles (adult)	Pine tip moths	Walnut caterpillars	
Cankerworms	Lace bugs	Plant bugs	Wasps*	
Casebearers	Leaf-feeding caterpillars	Redhumped caterpillars	Webworms	
Clover mites	Leafhoppers	Sawfly larvae	Whiteflies	
Cockroaches**	Leafrollers	Scale insects (crawler stages)	Yellownecked caterpillars	
Crickets*	Leaf skeletonizers	Sowbugs		
Cutworms	Mealybugs			

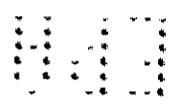
Applications should be started prior to establishment of high pest populations and reapplication made as necessary. Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader/sticker at recommended rates may enhance control of insects on certain species of ornamentals having hard-to-wet foliage.

* The use of TEMPO 20 WP Insecticide for the control of ants, crickets, spiders, midges, wasps, flies and mosquitoes is limited to ornamental areas and areas adjacent to buildings. Apply as a general spray, concentrating on damp areas beneath shrubbery, around foundations and in areas of tall grass or weeds. Do not apply to any food crop. Remove any animal feeding dishes prior to treatment and do not allow spray or drift to contact fish-bearing water.

** Outdoor cockroach control (including Asian cockroaches) is obtained by spraying hiding or resting places such as under shrubbery, in ground covers and mulching materials, in hollow trees, etc.

APPLICATIONS ON TURF: TEMPO 20 WP Insecticide mixes readily with water and/or various fertilizer solutions and can be used in appropriate spray equipment. Applications should be made with accurately calibrated equipment and applied uniformly, using a coarse, large droplet, spray applications procedure. Do not allow drift onto ponds, streams, or lakes. For optimum control of armyworms, cutworms and sod webworms, delay irrigation and mowing for at least 24 hours following the application.

Recommended Applications for Turfgrass				
(including golf courses, home lawns, around business and office complexes and multifamily residential complexes, airports, cemeteries, parks, playgrounds and athletic fields, and other landscape turfgrass)				
PEST				DOSAGE TEMPO 20 WP
Ants	Cutworms	Grasshoppers	Sod webworms	55 grams (1 Packet) Per *7800 to 11,000 sq ft
Amyworms	Earwigs	Japanese beetles (adult)	Ticks (including deer ticks)	
Crickets				



Black turfgrass ataeenius (adults)	Chiggers	Fleas	Mole crickets	55 grams (1 Packet) Per 7800 sq ft
Bluegrass billbug (adult)	Fire ants*	Hyperodes weevil (adult)	Scorpions	
Chinch bugs				

Apply when pests first appear. Reapply when necessary based on pest reinfestations not exceeding 6 applications per year. Delay watering or mowing for 24 hours for optimum control of armyworms, cutworms, and sod webworms. Keep children and pets off treated areas until lawn has dried following the application.

* Aids in control only.

RESTRICTIONS FOR TURFGRASS APPLICATION

Do not apply this product by aerial application or by any type of chemigation system. Do not apply when the average windspeed is greater than 15 mph.

To avoid risk to sensitive aquatic areas, do not make applications within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Apply product using spray nozzles which produce a coarse droplet size, such as flood jet nozzles. Do not apply when turfgrass areas are water-logged or the soil is saturated with water (i.e., will not accept irrigation). Use this product only as directed on label.

STORAGE AND DISPOSAL

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. Store in original containers and out of the reach of children, preferably in a locked storage area.

Handle and open pouch in a manner as to prevent spillage. If the container is leaking or material 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 below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577, or contact Chemtrec at 800-424-9300.

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 pouch in connection with food, feed, or drinking water. After removing all PVA packets, the pouch may be disposed of in the trash.

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, because of manner of use and other factors beyond Bayer Environmental Science's control it is impossible for Bayer Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: BAYER ENVIRONMENTAL SCIENCE 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. No agent of Bayer Environmental Science is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Bayer Environmental Science disclaims any liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

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Reason for Revisions: Updated First Aid Statements 9/2003



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A Business Group of Bayer CropScience LP
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