

United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 18 1993

Julie M Spagnoli
MILES INC
AGRICULTURE DIVISION
8400 HAWTHORN RD BOX 4913
KANSAS CITY MO 64120

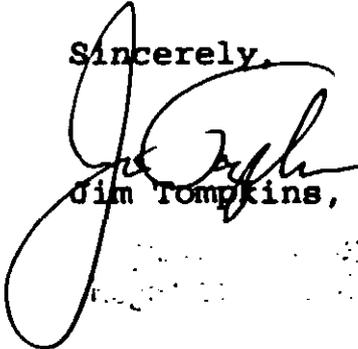
Subject: Label Amendment Submission of 06/22/93
in Compliance with the PR Notice 93-7
EPA Reg Nr. 3125-396
TEMPO 20 WP INSECTICIDE

Dear Registrant:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, REMOVES THE PRODUCT FROM THE SCOPE OF THE REQUIREMENTS CONTAINED IN 40 CFR PART 156, SUBPART K. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

The Agency is accepting only those changes to your labeling submitted in connection with your amendment application dated 06/22/93 which are necessary to comply with the requirements of 40 CFR part 156, subpart K. Any proposed changes to the labeling submitted in connection with this amendment application that were not directly related to compliance with the requirements of PR Notice 93-7 were not considered and have not been accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing such changes. If your product is currently suspended, the acceptance of this labeling amendment does not affect in any way the suspension.

Sincerely,


Jim Tompkins, Deputy Chief

TEMPO 20 WP

396-7838.YLD

2 of 8
Base Pre-Reg (7838)

U. S. LABEL

Reason to Issue: To exclude commercial greenhouse and nursery use.

Date of Draft: 05/28/93(Pre-Reg)(S)

TEMPO 20 WP

**Insecticide
In Water Soluble Packets
PowerPak**

FOR PEST CONTROL OPERATORS AND COMMERCIAL USE ONLY
FOR BROAD-SPECTRUM CONTROL OF CRAWLING AND FLYING INSECT PESTS ON OUTDOOR SURFACES, ~~ORNAMENTALS~~ ORNAMENTALS, AND HOME LAWNS.

ACTIVE INGREDIENT:

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)- 2,2-dimethylcyclopropanecarboxylate.....	20%
INERT INGREDIENTS:	80%
	100%

KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER AND STORE IN A COOL DRY PLACE BUT NOT BELOW FREEZING (32°F)

EPA Reg. No. 3125-396
EPA Est. 33967-NJ-1

SELL IN ORIGINAL PACKAGES ONLY
CONTAINS EIGHT 50 GRAM WATER SOLUBLE PACKETS
Total Net Contents: 400 Grams

STOP - Read the Label Before Use

Keep Out of the Reach of Children

CAUTION

(See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements)

AVISO

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.)



ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 18 1993

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

3125 - 396

ACCEPTED
with COMMENTS
In EPA Letter Dated

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
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Base Pre-Reg (7838)

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20%

INERT INGREDIENTS:

80%

100%

EPA Reg. No. 3125-396

Net Weight: 50 Grams

Keep Out of the Reach of Children

CAUTION

Refer To Accompanying Manufacturer's Recommendations For Complete Directions For Use and Precautions

Sold by
Miles Inc.
Specialty Products
Box 4913, Kansas City, MO 64120-0013

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Exposure to the wettable powder can cause 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 hands thoroughly with soap and warm water after handling. If clothing becomes contaminated, remove and wash before reuse.

SYMPTOMS OF POISONING

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

STATEMENTS OF PRACTICAL TREATMENT

If in eyes: Hold eyelids open and flush with plenty of water. Call a physician if irritation persists. **If swallowed:** call a physician or Poison Control Center. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Avoid alcohol. **If on skin:** Wash thoroughly with soap and water. Get medical attention if irritation occurs.

If inhaled: remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, 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.

IMPORTANT: Read these entire DIRECTIONS FOR USE and CONDITIONS OF SALE before using TEMPO 20 WP insecticide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS

USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

GENERAL INFORMATION

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

This package contains pre-measured 50-gram water-soluble (PVA) "PowerPaks" of TEMPO 20 WP. These pre-measured packages are designed for use in power spray equipment. Do not allow the inner packets to become wet before adding to the spray tank. Do not handle the clear inner packets of TEMPO 20 WP with wet hands or gloves. Rough handling may cause breakage. Do not store at temperatures below 32°F. Allow packages to warm above 50°F before use. Cooler water temperatures increase the time needed for the inner packet to dissolve completely. Reseal outer carton to protect remaining packets.

TEMPO 20 WP is intended for use around buildings and structures, as well as on ornamentals and home lawns.

MIXING: The inner package of the foil packet contains TEMPO 20 WP insecticide and is water soluble.

To prepare the spray mixture, remove the outer foil wrapper and drop the unopened PVA packet 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 were added to the water.

TANK MIXING: The user, at his discretion, can tank mix pesticides currently registered for use unless the product labels prohibit such use. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing.

PERIMETER PEST CONTROL (General Surface Spray)

For control of: Cockroaches, ants (including carpenter ants), crickets, cluster flies, earwigs, sowbugs, pillbugs, boxelder bugs, elm leaf beetles, fire ants, fleas, spiders, scorpions, centipedes, millipedes, ticks, flies, mosquitoes, midges, gnats, bees, wasps, yellow jackets, and hornets, as well as other occasional invading pests.

Mix one 50-gram packet of TEMPO 20 WP in sufficient water to adequately cover 7000 sq. ft. Under conditions of severe pest infestations or when quicker knock-down and/or longer residual control is needed, mix one 50-gram packet of TEMPO 20 WP in sufficient water to adequately cover 2,500 sq. ft. Refer to GENERAL INFORMATION section for mixing instructions.

Make applications to outside surfaces of buildings, porches, patios, garages and other areas where pests have been seen or found. To help prevent infestations of buildings by the above pests, treat soil, turf or other substrates adjacent to buildings and the building foundation, walls and soffit areas where these pests are active and/or may find entrance or harborage.

For control of tunneling carpenter ants, apply a drench or inject the solution at intervals of 8 to 12 inches, establishing a uniform vertical barrier at the edge of walks, driveways or other hard surfaces where ants are tunneling beneath these areas.

For aid in control of imported fire ants, thoroughly drench or inject the entire mound area. Treat all areas of the mound showing activity to provide contact control of the adult fire ants. TEMPO 20 WP will provide contact activity and residual repellency in the active mound.

When using the injection treatment method it is essential that treatment be made to the bottom of the active mound. Apply solution throughout the downward and upward motion of the injector tool. Multiple injection sites may be needed to ensure complete distribution of the solution throughout the active mound.

Do not use TEMPO 20 WP to treat fire ant mounds in any food crop production area, pasture or area where food crop production may occur.

It is recommended to wear safety glasses, goggles, or face shield, and a respirator when making a general surface treatment above one's head.

RECOMMENDATIONS FOR ~~LANDSCAPE~~ ORNAMENTALS AND HOME LAWNS

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 such as parks, recreational areas, athletic fields, institutional grounds, etc., ~~and in nurseries and greenhouses~~ and interior plantscapes (such as in hotels, shopping malls, office buildings, etc.) where these plants are grown. TEMPO 20 WP also controls designated pests in home lawns.

NOTE: ~~Do not use in ornamental plantings or lawns.~~

MIXING: Refer to GENERAL INFORMATION section for instructions.

GENERAL INFORMATION (Continued)

APPLICATION: TEMPO 20 WP 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. When mixing a concentrated suspension, additional time may be required to fully dissolve the PVA packet(s). 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.

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

COMPATIBILITY: TEMPO 20 WP 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.

RECOMMENDED APPLICATIONS			
CROP	PEST	TEMPO 20 WP	REMARKS
		per 138 gal	
<p>Ornamentals (Including Trees, Shrubs, Evergreens, Flowers, Foliage plants)</p>	<p>Armyworms Azalea caterpillars Bagworms Bristly roseslugs California oakworms Cankerworms Crickets* Cutworms Elm spanworms Flies* Fungus gnats Gypsy moth larvae Lace bugs Leaf-feeding caterpillars Midges* Mosquitoes* Oleander moth larvae Pillbugs Pine shoot moths Pine tip moths Redhumped caterpillars Sawfly larvae Sowbugs Spiders* Striped oakworms Tent caterpillars Tussock moth larvae Webworms Yellownecked caterpillars</p>	<p>50 grams</p>	<p>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 surfaces.</p> <p>*The use of TEMPO 20 WP Ornamental 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.</p>

RECOMMENDED APPLICATIONS			
CROP	PEST	TEMPO 20 WP	REMARKS
		per 92.6 gal	
Ornamentals (Continued) (Including Trees, Shrubs, Evergreens, Flowers, Foliage plants)	Ants* Aphids Boxelder bugs Budworms Casebearers Clover mites Cockroaches** Elm leaf beetles Flea beetles Grasshoppers Japanese beetles (adult) June beetles (adult) Leafhoppers Leafrollers Leaf skeletonizers Mealybugs Orchid weevil Pear psylla Peppertree psyllid Plant bugs Scale insects (crawler stages) Spittlebugs Striped beetles Thrips Ticks Tussock moth larvae Wasps* Whiteflies	50 grams	Applications should be started at establishment of high pest population. Reapplication made as necessary. Adequate coverage is necessary to provide effective level of control. Add spreader/sticker at recommended rate to enhance control of insects on certain ornamentals having hard-to-wet foliage. *The use of TEMPO 20 WP Insecticide for the control of ants is limited to ornamental areas and areas adjacent to buildings. Apply as a general treatment, concentrating on damp areas such as shrubbery, around foundations and tall grass or weeds. Do not apply to crop. Remove any animal feeding devices before treatment and do not allow spray contact fish-bearing water. **Outdoor cockroach control (including cockroaches) is obtained by spraying resting places such as under shrubs, ground covers and mulching materials, trees, etc.

Area Applications on Home Lawns: TEMPO 20 WP mixes readily with water and/or various fertilizer solutions and can be used in appropriate spray equipment to treat home lawns. Applications should be made with calibrated equipment and applied uniformly, using a coarse, large droplet, spray application procedure. Avoid drift onto ponds, streams, or lakes. For optimum control of armyworms, cutworms and sod webworms, irrigate and mow for at least 24 hours following the application. Keep children and pets off treated lawns until the lawn has dried the following application.

Home Lawns Only	Ants Armyworms Crickets Cutworms Earwigs Grasshoppers Japanese beetles (adult) Sod webworms Ticks	50 grams per 10,000 sq ft	Apply when pests first appear. Reapplication necessary based on pest reinfestation. Watering or mowing for 24 hours following control of armyworms, cutworms and webworms. Keep children and pets off treated areas until lawn has dried following application. * Aids in control only
	Bluegrass billbug (adult) Chinch bugs Chiggers Fire ants * Fleas Hyperodes weevil (adult) Mole crickets	50 grams per 7,143 sq ft	

STORAGE AND DISPOSAL

Not for Storage in or Around the House

Pesticide Disposal: Do not contaminate water, food, or feed by storage or 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. After removing all PVA packets, the carton may be disposed of in the trash. The empty foil wrappers may be wrapped in newspaper and disposed of in the trash.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides,

fertilizers, food, and feed. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store water soluble packets in foil and in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container carefully. Do not cut water soluble packets when opening. 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 above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Sold by:
Miles Inc.
Specialty Products
Box 4913 Kansas City, MO 64120-0013