

PM 15 3125-380

SEP 30 1988

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Mr. John S. Thornton
Manager, Registrations
Mobay Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120-0013

Dear Mr. Thornton:

Subject: Revised Labeling
TEMPO 20 WP
EPA Registration No. 3125-380
Your Amendment Applications Dated July 20 and August 11, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling change listed below before you release the product for shipment bearing the amended labeling:

- Use in food handling establishments can infer use in U.S. Department of Agriculture (USDA) Meat and Poultry plants. Therefore, either add the statement "Not for Use in USDA Meat and Poultry Plants" or submit an application to USDA requesting use in these areas. If granted, you can then indicate on the label that the product can be used in these areas.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

53427:1/C:Heyward:LLR-12:KENCO:9/26/88:11/8/88:rw:PR:VO:JH:CT

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

10/8

380-6518.YLD

Base Pre-Reg (6518) 2

U.S. LABEL

Reason to Issue: To propose a general reformatting of label, and various editorial revisions;
7/13/88 Draft: To correct typographical error to show proper signal word is CAUTION.
8/9/88 Draft: To clarify directions for use in food handling establishments.

Date of Draft: 8/9/88 (Pre-Reg) (M)
Supersedes Pre-Reg Draft Dated: 7/13/88

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 30 1988

EPA Reg. No. 3125-380

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

3125-380

TEMPOTM 20 WP

Insecticide

FOR PEST CONTROL OPERATORS AND COMMERCIAL USE ONLY

A GENERAL USE INSECTICIDE
FOR BROAD-SPECTRUM CONTROL
OF CRAWLING AND FLYING
INSECT PESTS

ACTIVE INGREDIENT:
Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)-
methyl 3-(2,2-dichloroethenyl)-2,2-
-dimethylcyclopropanecarboxylate 20%

INERT INGREDIENTS: 80%
100%

EPA Est. No. 3125-MO-1

EPA Reg. No. 3125-380

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

NET CONTENTS 420 GRAMS

MOBAY CORPORATION
A Bayer USA INC. COMPANY
AGRICULTURAL CHEMICALS DIVISION
SPECIALTY PRODUCTS GROUP
Box 4913, Kansas City, Missouri 64120

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.

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. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

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.)

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 and Conditions of Sale before using TEMPO 2 insecticide.

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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.

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

TEMPO 20 WP is intended for use in and around buildings and structures and their immediate surroundings and on various modes of transport. Permitted areas of use include, but are not limited to, apartment buildings, bakeries, bottling facilities, breweries, cafeterias, candy plants, cereal processing and manufacturing plants, dairies and dairy product processing plants, frozen food plants, grain mills, graineries, greenhouses, hospitals, hotels, houses, industrial buildings, kitchens, laboratories, manufacturing establishments, mausoleums, meat processing and packing plants, meat and vegetable canneries, nursing homes, pickle factories, restaurants, schools, spice plants, stores, warehouses, wineries and similar structures as well as aircraft, buses, trucks, trailers, rail cars, and marine vessels.

TEMPO 20 WP is intended to be mixed with water and applied with hand pressurized or power operated sprayers. Spray pressure should not exceed 50 psi at the nozzle tip. Add the appropriate amount of product when filling sprayer tank with water, shake or agitate as necessary to mix. Diluted spray mixture can be stored overnight and applied the following day; however, mixture should be agitated prior to application to prevent uneven distribution of product.

One level TEMPO scoopful or 4 level teaspoonfuls contains 9.5 grams of TEMPO 20 WP. Do not use scoop or teaspoon for feed, food, or drinking water purposes.

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.

INSTRUCTIONS FOR USE

GENERAL SURFACE APPLICATION

Use one level TEMPO scoopful of TEMPO 20 WP per 1000 sq. ft. (see Note 1) in sufficient water to adequately cover the area being treated, but which will not allow dripping or run-off to occur (see Note 2). Use a low pressure system with a fan type nozzle to uniformly apply the solution. Applications can be made to walls, floors, ceilings, in and around cupboards, between, behind and beneath equipment, appliances, around floor drains, window and door frames, and on the undersides of shelves, drawers and in similar areas. Applications may be made to floor surfaces along walls and around air ducts, however, do not treat entire area of floor or floor covers. Do not allow children to contact treated surfaces until surfaces are completely dry. Re-application can be made at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas. It is recommended to wear safety glasses, goggles or face shield and a respirator when making a general surface treatment above one's head.

Note 1: Under conditions of severe pest infestation or when quicker knock-down and/or longer residual control is needed, use two level TEMPO scoopfuls of TEMPO 20 WP per 1000 sq. ft.

Note 2: Volume of Water Sprays Applied To A Vertical
Surface to Attain Point of Run-off /a

<u>Type of Surface</u>	<u>Qts.</u> <u>/1000 Sq. Ft.</u>	<u>Gals/</u> <u>1000 Sq. Ft.</u>
Ceramic Tile (Glazed)	1.0	0.26
Stainless Steel	1.0	0.26
Latex Painted Plywood (Semigloss)	5.5	1.38
Masonite (Smooth)	8.4	2.10
Unpainted Plywood	14.7	3.67
Unpainted Particle Board	15.7	3.93
Cement Block (Semigloss Latex)	16.8	4.20
Cement Block (Unfinished)	194.1*	48.5*

* No run-off

^a Volumes listed are at a point where run-off begins to occur.

SPOT, OR CRACK AND CREVICE APPLICATIONS

Mix one level TEMPO scoopful of TEMPO 20 WP in one gallon of water to make a 0.05% active ingredient concentration (see Note 3). Use a low pressure system with a pin-point or variable pattern nozzle to apply the solution in specific areas such as: cracks and crevices in or behind baseboards, in floors, walls, expansion joints, areas around water and sewer pipes, voids in table legs where pests can hide as well as other similar areas. Spot treatments may also be made to areas including but not limited to storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, the underside of shelves, drawers and similar areas. TEMPO 20 WP can be reapplied at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas.

Note 3: Under conditions of severe pest infestation or when quicker knock-down and/or longer residual control is needed, mix two level TEMPO scoopfuls of TEMPO 20 WP in one gallon of water to make a 0.1% active ingredient concentration.

FOOD HANDLING ESTABLISHMENTS

Applications of this product as a general surface, spot, or crack and crevice treatment in both food and non-food areas of food handling establishments are permitted.

Food Handling Establishments are defined as places other than private residences in which exposed food is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas when food is exposed and facility is in operation are also considered food areas.

General Surface Application:

Do not apply as a general surface application when the facility is in operation or foods are exposed.

Do not apply directly to food products. Cover or remove all food processing and/or handling equipment during application. After application in food processing plants, bakeries, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food will contact. Clean food handling or processing equipment and thoroughly rinse with clean, fresh water. In the home, all food processing surfaces and utensils should be covered or thoroughly washed following treatment. Cover exposed food or remove from area being treated.

Spot, Crack and Crevice Application:

Cover exposed food or remove from area being treated. Do not apply directly to food or food-handling surfaces.

CRAWLING INSECT PEST CONTROL

For control of American, Asian, German, oriental, brown-banded, smoky brown and related species of cockroaches, and other insects such as ants, crickets, earwigs, firebrats, silverfish, bedbugs, spiders, millipedes, centipedes, pillbugs, sowbugs and pantry and premise pests listed below.

Pantry Pest Control: For control of exposed adult and immature stages of insects such as, carpet beetles, larder beetles, hide, warehouse and other Dermestid beetles, confused and red flour beetles, saw-toothed and merchant grain beetles, drug-store and cigarette beetles, Indian meal and, Mediterranean flour moths and lesser grain borers.

Make application to cupboards, shelving and storage areas. Remove all utensils, uncovered foodstuffs (or any having original package opened), shelf paper and other objects before spraying. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff or other items. Any foodstuff accidentally contaminated with spray solution should be discarded.

Premise Pest Control: For control of carpet beetles, spiders, clothes moths, crickets, firebrats, silverfish and ticks.

Make application to rugs and carpeting beneath furniture and in closets and storage areas where these pests normally feed or hide. Applications to furniture should be restricted to those areas where no prolonged contact by humans will occur. Avoid contact with treated surfaces until completely dry. Remove or tightly cover fish tanks and disconnect aerators during application. Pets should be removed from the premise during application and until treated surfaces are completely dry.

FLYING INSECT CONTROL

(general surface spray)

For control of: Flies, mosquitoes, midges, gnats, bees, wasps, yellow-jackets and hornets.

Make application to surfaces where the pests collect or rest. Do not apply as a "space spray" application. Pin stream applications may be made directly to the nests of wasps, yellow-jackets and hornets. For best results apply after dark when all insects have returned to the nest.

OUTDOOR USE

(general surface spray)

For control of: Cockroaches, ants, crickets, sowbugs, pillbugs, boxelder bugs, elm leaf beetles, spiders, centipedes, millipedes, ticks, flies, mosquitoes, midges, gnats, bees, wasps, yellow jackets, and hornets.

Make applications to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or found. To help prevent infestations of buildings by the above pests, treat a 5 to 10 foot band of soil, turf or other substrate adjacent to buildings and the building foundation to a height of 2 to 3 feet where these pests are active and may find entrance.

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TEMPO 20 WP insecticide

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. Completely empty container into application equipment. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Store in a 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 container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, use an absorbent material and 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 Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

TEMPO is a TM of Bayer AG, Germany.