



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

279-3218

MAY 23 2000

Term of Issuance: Unconditional

Name of Pesticide Product:

Talstar 2.4% ME
Insecticide/Miticide

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
1735 Market Street
Philadelphia, PA 19103

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 unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

1. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 279-3218".
- b. EPA will issue a PR Notice revising first aid statements in the near future. The following are the revised statements that will be required for products placed in category III and above. You may wish to incorporate these statements on your labeling at this time :

Signature of Approving Official:

George T. LaRocca
George T. LaRocca, PM 03

Date:

MAY 23 2000

IF SWALLOWED: Add "... immediately for treatment advice" to the end of the first sentence. Follow with: "Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor". 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. 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 eyes. Call a poison control center for treatment advice. 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."

Also, add the following statement near the first aid statements: "Have the product container or label with you when calling a poison control center or doctor or going for treatment."

EPA recommends that these statements be boxed and bulleted to present the information in a clear, easy-to-read fashion.

- c. Under PRECAUTIONARY STATEMENTS, in the second sentence, change the word "minimal" to "moderate".
- e. Under DIRECTIONS FOR USE, Pest Control on Outside....., remove the phrase, "... but not limited to..." in the first sentence.
- f. The retreatment statements should include a maximum frequency of application, such as: "... but not more than ___ times per ___."
- g. Regarding the placement of the Storage and Disposal instructions: it is preferred that this section appear at the end of the Direction for Use section and that these instructions are blocked for ease of comprehension. These instructions must bear the heading "STORAGE AND DISPOSAL" and must be set apart and clearly distinguishable from other directions for use.
- h. ~~The efficacy data that you cited to support this product does not contain information relative to tick or to fire ant control. You must either submit the appropriate studies (or cite an appropriate MRID) or you must remove these pests from your label.~~
- i. The efficacy data that you cite for the general "cockroach" claims, only pertains to the German cockroach. If you would like to maintain a generic "cockroach" claim, you must either cite or submit the appropriate studies for the American and Oriental cockroach. Otherwise, you may limit your cockroach claim to German cockroach.
- j. Under MIXING INSTRUCTIONS, in the third sentence, delete "container". The product should be mixed in the container from which it will be sprayed.

2. Your March 15, 2000 submission regarding child-resistant packaging (CRP) has been reviewed and is acceptable.
3. Submit two copies of the revised final printed label for the record.

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

Sincerely



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

Enclosure



2.4% ME INSECTICIDE/MITICIDE

For Residential Outdoor Use Only

EPA Reg. No. 279-

EPA Est. 279-GERZ

Active Ingredient:	By Wt.
Bifenthrin:	2.4%
Inert Ingredients:	97.6%
	100.0%

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

U.S. Patent No. 4,238,505

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other panels for additional precautionary information.

FIRST AID

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation occurs and persists.

Note to Physician:

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

For Emergency Assistance Call: (800) 331-3148

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 23 2000

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

279-3218



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

2.4% ME 6/99 dft.4

PRECAUTIONARY STATEMENTS

Hazards to Human (and Domestic Animals)

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes minimal eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

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. Do not contaminate water when disposing of equipment washwaters or rinsate. 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 crops or weeds. Do not apply this product or allow to drift to blooming crops if Bees are visiting the treatment area.

DIRECTIONS FOR USE

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

Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place, preferably in a locked storage area and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into drink containers.

Product Disposal: Partially filled plastic bottle - Securely wrap original plastic bottle in several layers of newspaper and put in trash.

Container Disposal: Do not reuse empty plastic bottle for concentrate. Wrap plastic bottle and put in trash.

Talstar® 2.4% ME insecticide/miticide is a high-performance product. Talstar® 2.4% ME has a long residual, providing up to 16 weeks control of Cockroaches and up to 12 weeks control of other pests. Talstar® 2.4% ME is:

- Virtually odor-free
- Fast-acting
- Water-based
- Easy-to-use
- Non-staining
- Broad-spectrum
- Kills Ants, Earwigs, Fleas, Insects, Mites, Roaches, Silverfish, Spiders, Ticks & Other Listed Pests
- For outdoor use only

Mixing Instructions: Talstar® 2.4% ME is a micro-emulsion concentrate and must be diluted before use. Please read the following "Directions for Use" carefully and fully before applying this product. As detailed below, add the appropriate amount of water to a spray tank or container, and then add the proper amount of product. Tighten the lid on the tank or container and mix the contents by either shaking or inverting for about 10 to 15 seconds.

Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons = 29.57 ml. Do not use household utensils to measure Talstar® 2.4% ME.

Talstar® 2.4% ME Insecticide/Miticide Dilution Chart

Volume of Ready-To-Use Spray	Amount of Talstar 2.4% ME	
	Fluid Ounces	Milliliters
1 Liter	0.7	20.8
1 Quart	0.75	22.0
2 Liters	1.4	41.6
2 Quarts	1.5	44.0
3 Liters	2.1	62.4
3 Quarts	2.25	66.0
4 Liters	2.8	83.2
4 Quarts (1 Gallon)	3.0	88.0
5 Liters	3.5	104.0
5 Quarts	3.75	110.0

Pest Control on Outside Surfaces and Around Buildings

Apply as a coarse spray to outside surfaces of residential buildings including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, lawns such as grass areas adjacent to or around private homes, duplexes, townhouses, condominiums, house trailers, recreational vehicles, houseboats, apartment complexes, carports, garages, fence lines, storage sheds, barns and other residential structures.

Nuisance Pests Outside: Use this product to control Ants, including Carpenter, Red Harvester, Pavement, Odorous Pyramid, Argentine, Pharaoh (Sugar) and foraging Fire Ants, Armyworms, Centipedes, Chinch Bugs, Crickets, including Mole Crickets, Cutworms, [...], Flea Beetles, Earwigs, European Craneflies, Fleas, Flies, G...oppers, Hornets, Japanese Beetles, Millipedes, Mites, including Two spotted, Tropical, Russet, Clover and Red Spider Mites, Mosquitoes, Moths, Roaches, including German, Brown Banded, Smoky Brown and American Cockroaches, Scorpions, Sod Webworms, Sowbugs (Pillbugs), Spiders, including Black Widow and Brown Recluse Spiders, Springtails, Ticks, including Brown Dog Ticks, and Wasps.

Apply as a coarse spray to outside surfaces of doorways, window frames or wherever pests may enter buildings. Also treat surfaces around light fixtures, porches, in garages and other places where insects are seen. Treat eaves, foundations, refuse dumps, garbage cans and garbage areas, patios and any other areas where pests have been seen to congregate. Thoroughly spray localized infestations in weeds or around ornamental plants. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed insect activity.

Dealers Should Sell in Original Packages Only

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Use of Product: FMC's recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

Talstar and **FMC** —Trademarks of FMC Corporation (xx-xx-xx)