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279-3163

7/25/96

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

EPA Reg. Number:
279-3163

Date of Issuance:
25 JUL 1996

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Unconditional

Name of Pesticide Product:
TalStar 0.2 Lawn Granular Insecticide

(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. 279-3163."
- b. The labeling must specify "For Residential Lawn Use Only."
- c. Delete the part of the sentence beginning with "Specially designed to be used in.... and ending with found in chrysanthemums." Terms stating or implying safety to humans or the environment are not acceptable.
- d. Delete the statement "TalStar has a long residual, providing many weeks, etc..." or specify the time period of residual effectiveness. In addition, the residual time period must be supported by efficacy data.

SYMBOL	Signature of Approving Official	CONCURRENCES			Date
		1	2	3	
SURNAME					
DATE					

- e. The chemical name for Bifenthrin as listed in the ingredient statement should be corrected to read as follows: "(2-methyl[1,1'-biphenyl]methyl 3-(2-dimethyl-cyclopropanecarboxylate)."
- f. The net weight of the product must be specified on the bottom front panel of the labeling in accordance with 40 CFR § 156.10 (d).
- g. Revise the precautionary statement to read as follow: "Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling."
- h. Under Surface Feeding Lawn Insects qualify fire ants with the term foraging i.e., "foraging fire ants".
- i. Either delete the control of fire and mounds or submit/cite data in support of this claim. It is unclear if the product is to be watered in after application (please explain). Also correct the rate of application to teaspoons/tablespoons since it would be difficult for the homeowner to measure out 0.2 ounces.
- j. Based upon the results of the acute toxicity data only the "If Swallowed" and "If in Eyes" statement is required on the labeling. Also the Agency agrees with your rationale in support of a waiver of an acute inhalation study.

A copy of the Precautionary Label is enclosed for your information.

3. Submit three (3) 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-Rodenticide Branch
 Registration Division (7505C)

Enclosure:

TALSTAR®

0.2 G LAWN GRANULAR INSECTICIDE

For Residential Lawn Use

EPA Reg. No. 279-

EPA Est. 279-

Active Ingredient:

By Wt.

Bifenthrin: (2 methyl [1,1'-biphenyl]-3-yl) methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate*	0.2%
Inert Ingredients	99.8%
	<u>100.0%</u>

*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.

STATEMENT OF PRACTICAL TREATMENT

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 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 milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

For Emergency Assistance Call: (800) 331-3148.

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Caution

Harmful if inhaled, swallowed or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash clothing before reuse. 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. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use replace lids and close tightly.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (800) 331-3148.

Pesticide Container Disposal: Do not reuse empty containers. Wrap container and put in trash.

FMC

FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

9/95 0.2 G Lawn Granular Insecticide

ACCEPTED
with COMMENTS
in EPA Letter Dated

25 JUL 1996

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

279-3163

Talstar® 0.2 G Lawn Granular Insecticide is a high performance product specially designed to be used in very low concentrations which means a lower impact on the environment when used according to its labeling. The active ingredient in Talstar mimics naturally-occurring insecticides found in chrysanthemums. Talstar has a long residual, providing many weeks of control and is:

- Virtually Odor-free
- Fast Acting
- Easy-to-Use
- Broad Spectrum
- Kills Insects, Spiders and Ticks
- Not harmful to grasses

Talstar is designed for use as a ready-to-use granular insecticide to control various insects and spiders on lawns. Please read the following "Directions for Use" carefully and fully before applying this product.

Surface Feeding Lawn Insects

Use Talstar for the control of ants, including Carpenter, Red Harvester, Pavement, Odorous Pyramid, Argentine, Pharaoh (Sugar) and Fire Ants, Armyworms, Centipedes, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Grasshoppers, Fleas, Millipedes, Scorpions, Sod Webworms (Lawn Moth), Sow Bugs, Spiders, Ticks (including Brown Dog Ticks) and Weevils (including Hyperodes). Uniformly apply 3 pounds over a 5,000 sq. ft. area of lawn using any hand or power operated gravity or rotary type spreader designed for the application of granular materials. Best results are obtained if the treated area is thoroughly watered immediately after application. Treat when insects first appear and retreat as necessary.

Mole Crickets

Uniformly apply 3 pounds over a 2,500 sq. ft. area of lawn. For best results: treat in late spring, and water the treated area thoroughly immediately after application.

For Fire Ant Mounds

To control Fire ants, uniformly apply 0.2 ounces of Talstar to the surface of each mound. For best results, apply in cool weather, 65 to 80 °F, or in early morning or late evening hours. Avoid disturbing ants. Treat new mounds as they appear.

Dealers Should See 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.

Directions and Recommendations: Follow directions carefully. Timing, method of application and weather conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: FMC's recommendations for the 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**—FMC Trademarks

> Appl. the label?