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279-3173

8/21/96

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)

401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
279-3173

Date of Issuance:
August 21, 1996

Term of Issuance:
Conditional

Name of Pesticide Product:
TalStar^R 0.1 Lawn Granular Insecticide

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
1735 Market Street
Philadelphia, PA 19103

160-5499781
18 1

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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 279-3173."
- b. The labeling must specify "For Residential Lawn Use Only."
- c. Delete the statement beginning with "Which means lower impact, and ending with found in chrysanthemums." Terms stating or implying safety to 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.

Signature of Approving Official:

Date:

21 AUG 1996

- 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. As proposed, the appropriate signal is **CAUTION**. However, the PRECAUTIONARY STATEMENT must be revised to read as follows:

"Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling."

- h. Based on the results of the acute toxicity data submitted under "TalStar 0.2 Lawn Granular Insecticide, EPA Reg. No. 279-3163", for which this product is relying upon for registration, only the "If Swallowed and If In Eyes" STATEMENT OF PRACTICAL TREATMENT instructions are required.
- i. Under Surface Feeding Lawn Insects qualify free ants with the term foraging i.e., "foraging free ants."
- j. With respect to fire ants, add an asterisk to fire ants and beneath the paragraph add *aids in control. 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 0.4 ounces.

3. Submit three (3) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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:

Code 1723

3/4
Net Contents

ACCEPTED
with COMMENTS
in EPA Letter Dated

21 AUG 1996

TALSTAR®

0.1 LAWN GRANULAR INSECTICIDE

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
279-3173

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*	0.1%
Inert Ingredients	99.9%
	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.
U.S. Patent No. 4,238,505

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.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See other panels for additional precautionary information.

FMC

FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

Talstar® 0.1 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, Pharoah (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 1.2 pounds over a 1,000 sq. ft. area of lawn using any hand or power operated gravity or rotary type spreader designed for the application of granular materials. A 12 pound bag will treat a 10,000 sq. ft. area of lawn. 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 2.4 pounds over a 1,000 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 0.4 ounces of Talstar to the surface of each mound. For best results, 1) apply in cool weather, 65 to 80 °F, or in early morning or late evening hours, 2) avoid disturbing ants, 3) treat new mounds as they appear and 4) thoroughly water the treated area immediately after application.

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.

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