

279-3239

4/12/2001

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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:

279-3239

Date of Issuance:

April 12, 2001

Term of Issuance: Unconditional

Name of Pesticide Product:

Talstar 0.03% Granular
Insecticide with 18-0-12
fertilizer

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
Agricultural Products Group
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.

1) 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)

2. Make the following labeling changes:

- a) Revise the EPA Registration Number to read "EPA Reg. No. 279-3239"
- b) In your cover letter you want to register the product for "general" pest control. We assume this means over the counter. If so then you do not need the existing user limitation statement beginning with "For use by individuals/firms licensed or registered by the State..." and ending with "... Consult the Pest Control Regulatory Agency of your State prior to use of the product.". Just state the pests intended to be controlled and the sites of application.

Signature of Approving Official:

Nancy Lynkeigwin

Date:

April 12, 2001

George T. LaRocca
George T. LaRocca

- c) For each use scenario, please state the minimum allowable time period between applications. This should be based on your efficacy data.
 - d) If this is an over-the-counter product the second sentence under Environmental Hazards should read "Do not apply directly to water".
 - e) Change "eliminate" to "control" under Comments 2nd paragraph.
3. Your basic CSF dated November 20, 2000 has been approved. Your product is toxicologically similar to EPA Reg. No. 279-3164 and the acute toxicity data for that product can be used in support of this product. Additionally, the efficacy data you have submitted has been approved. A copy of the review has been attached for your information.
 4. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

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

Talstar® 0.03% Granular Insecticide with 18-0-12 Fertilizer

For use by individuals/firms licensed or registered by the State to apply pesticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the Pest Control Regulatory Agency of your State prior to use of the product. For use to control Ants (including Imported Fire Ants), Mole Crickets and other insect pests on lawns.

EPA Reg. No. 279-GEGO

EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin*	0.03%
Inert Ingredients	99.97%
	100.00%

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

Guaranteed Analysis 18-0-12

Total Nitrogen (N)	18.00%
9.00% Ammoniacal Nitrogen	
9.00% Urea Nitrogen*	
Soluble Potash(K ₂ O)	12.00%
Sulfur (S) Total	11.40%
2.90% Free Sulfur (S)	
8.50% Combined Sulfur (S)	
Iron (Fe) Total	2.00%
Manganese (Mn) Total	2.00%
0.28% Water Soluble Manganese (Mn)	

DERIVED FROM: Poly Coated Sulfur Coated Urea, Ammonium Sulfate, Muriate of Potash, Iron Oxide, Manganese Sulfate.

Chlorine (Cl) Max

*4.50% Slowly Available Nitrogen from LESCO® Poly Plus® Sulfur Coated Urea.

LESCO and Poly Plus are registered trademarks of LESCO, Inc.

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 12 2001

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

279-3239



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

Net Contents

0.03G with Fert. Dft.5

KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information.

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> 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 swallowed	<ul style="list-style-type: none"> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> 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 eye. Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-(800)-331-3148 for Emergency Assistance.	
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 Information Regarding the Use of this Product Call 1-800-321-1FMC (1362).	

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Caution
Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial seed production or for research purposes.

Do not apply more than 1334 pounds of Talstar 0.03 Granular Insecticide with Fertilizer per acre per year.

Not for use on golf courses, sod farms, nurseries, commercial greenhouses or grass grown for seed.

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 close tightly.

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

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

Container Disposal

Paper and plastic bags: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LAWN AND PERIMETER APPLICATIONS

Perimeter Application: Apply to ground area up to 10 feet wide around and adjacent to the structure using an application rate of 9.0 pounds per 1,000 square feet.

Lawn Application: Broadcast Talstar[®] 0.03 Granular Insecticide with Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 9.0 pounds per 1,000 square feet to control the following pests.

Annual Blugrass Weevils (Hyperodes)
Ants³
Armyworms
Billbugs
E³ Turfgrass Ataenius
Centipedes³
Chinch Bugs
Cutworms

Deer Ticks^{1,3}
Imported Fire Ants^{2,3}
Leafhoppers
Mealybugs
Millipedes³
Mole Crickets³
Sod Webworms
Ticks³

Comments

¹Deer ticks (*Ixodes sp.*) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter.

²Imported Fire ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments (using Talstar[®] Lawn & Tree Flowable) that will eliminate existing colonies.

³A higher application rate may be required to control Ants, Centipedes, Imported Fire Ants, Millipedes, Mole Crickets & Ticks (Including Deer Ticks). In this case, apply up 18.0 pounds per 1,000 square feet.

RECOMMENDED SPREADER SETTINGS

Note: Following will be a list of application spreaders and appropriate settings. This list will vary depending on market of spreaders. (This note will not appear on final printed label).

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

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

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