



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

EPA Reg. Number:
279-3225

Date of Issuance:
DEC 23 1999

Term of Issuance: Unconditional

NOTICE OF PESTICIDE:

Registration
 Reregistration

Name of Pesticide Product:
Talstar 0.073 GCGUPTI
Granular Insecticide with
19-0-19 Fertilizer

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
APG Specialty Products
1735 Market Street
Philadelphia, Pennsylvania 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. 279-3225".
- b. Change PRECAUTIONARY STATEMENT to: "Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing."
- c. Add the following to the PRECAUTIONARY STATEMENT: "Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet."

Signature of Approving Official:

George T. LaRocca, Product Manager 13

Date:

DEC 23 1999

- d. Add the following language to the STATEMENT OF PRACTICAL TREATMENT statement: "IF SWALLOWED: Call a 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 a poison control center or doctor. 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.
- e. Remove first part of sentence on front panel: "Only for sale to, use, and storage by commercial applicators".
- f. Because there are no direction for a "mound treatment" given on the label, you may either remove the second half of footnote 2 on page 2 following "...and newly mated fly-in queens" or you may reference another product which has been approved for imported fire ant mound treatment.

2. Submit two copies of the revised final printed label for the record.

The acute toxicity profile for the subject product is currently as follows:

ACUTE DATA	GRN	TOX CAT.	CLASSIFICATION
Acute Oral	§81-1	III	CITED
Acute Dermal	§81-2	IV	CITED
Acute Inhalation	§81-3	IV	CITED
Primary Eye Irritation	§81-4	III	CITED
Primary Skin Irritation	§81-5	IV	CITED
Dermal Sensitization	§81-6	NO	CITED

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

Sincerely,

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

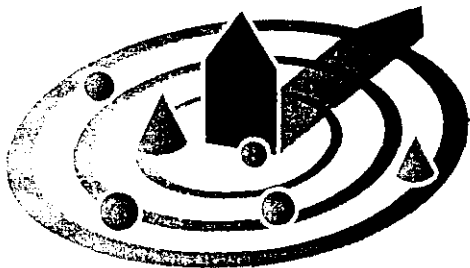
Enclosure

RESTRICTED USE PESTICIDE
Toxic to Fish and Aquatic Organisms
For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

Net Contents

Talstar®

0.073 GCGUPT1 Granular Insecticide WITH 19-0-19 FERTILIZER



Only for sale to, use, and storage by commercial applicators for use to control Ants (including Imported Fire Ants), Mole Crickets and other Insect pests on grass (including golf courses).

EPA Reg. No. 279-

EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin:*	0.073%
Inert Ingredients	99.927%
	<hr/> 100.0%

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

Guaranteed Analysis 19-0-19

Total Nitrogen (N)	19.00%
19.00% Urea Nitrogen*	
Soluble Potash (K ₂ O)	19.00%
Sulfur (S) Total	16.90%
9.90 % Free Sulfur (S)	
7.00 % Combined Sulfur (S)	
Iron (Fe) Total	1.00%
0.001 % Soluble Iron (Fe)	

Derived From: Poly Coated Sulfur Coated Urea, Sulfate of Potash, Iron Sulfate.

Chlorine (Cl) Max. 2.00%
* 17.10 % Slowly Available Nitrogen from LESCO® Poly Plus® Sulfur Coated Urea.

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



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

0.073 GCGUPT1 9/99 Dlt.2

ACCEPTED
FOR REGISTRATION
IN 8/95 Letter Dated

DEC 23 1999

Under the Federal Insecticide,
Fungicide and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
279-3225

KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information.

FIRST AID

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

Note to Physician:

This product is a pyrethroid. If large amounts have been ingested, 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 absorbed through skin. Avoid contact with skin, eyes or clothing.

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 550 pounds of Talstar 0.073 GCGUPT1 Granular Insecticide with 19-0-19 Fertilizer per acre per year.

Not for use on 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 of 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.

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

(x/xx/xx)

GRASS AND PERIMETER APPLICATIONS (Including Alf Courses)

Perimeter Application: Apply to ground area 6 to 10 feet wide around and adjacent to the structure using an application rate of 3.13 pounds per 1,000 square feet.

Grass Application: Broadcast Talstar® 0.073 GCGUPT1 Granular Insecticide with 19-0-19 Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 3.13 pounds per 1,000 square feet to control the following pests.

Annual Blugrass Weevils (Hyperodes)	Fleas ³
Ants ³	Imported Fire Ants ^{2,3}
Amyworms	Leafhoppers
Billbugs	Mealybugs
Black Turfgrass Ataenius	Millipedes ³
Centipedes ³	Mole Crickets ³
Chinch Bugs	Sod Webworms
Cutworms	Ticks ³
Deer Ticks ^{1,3}	

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 that will eliminate existing colonies.

³A higher application rate may be required to control Ants, Centipedes, Fleas, Imported Fire Ants, Millipedes, Mole Crickets & Ticks (Including Deer Ticks). In this case, apply 6.25 pounds per 1,000 square feet.