

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

279-3159

Date of Issuance:

25 JUL 1996

Term of Issuance:

Unconditional

Name of Pesticide Product:

TalStar Plant RTU
Insecticide/Miticide

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

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. 279-3159."
 - b. The labeling must specify "For Indoor/Outdoor Residential Use Only."
 - c. Delete the statement beginning with "Specially designed to be used... and ending with found in chrysanthemums." Terms stating or implying safety to humans or the environment are not acceptable.
 - d. Delete the statement "TalStar Plant RTU 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:

CONCURRENCES

Date:

SYMBOL

SURNAME

DATE

EPA Form 8570-A

- e. The chemical name for Bifenthrin as listed in the ingredient statement should be corrected to read as follows: ("s-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. Since the product is for residential use replace the sentence under Environmental Hazards beginning with "For terrestrial uses..." with "Do not apply directly to water."

The Agency is accepting the acute toxicity data submitted under Talstar ME Insecticide Miticide (EPA File Symbol 279-GRLT) in support of this product formulation since it is a 100x dilution. Since the product is being marketed as a residential use product the precautionary statements for 279-GRLT are appropriate for this product also.

Your amendment dated April 22, 1996 for minor formulation change under PR Notice 95-2 has been sent to the Minor Chemistry Formulation group for review.

Note that only the alternate confidential statement of formula dated May 16, 1995 using FMC 54800 13% MUP and bifenthrin tech (89%) are acceptable. Bifenthrin 3 g/l microemulsion is not acceptable since it is not currently registered.

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:

Code 1669

Net Contents

TALSTAR®

PLANT RTU INSECTICIDE/MITICIDE

For Indoor and Outdoor Use

EPA Reg. No. 279- GHLO	EPA Est. 279-
Active Ingredients:	By Wt.
Bifenthrin: (2-methyl [1,1'-biphenyl]-3-yl) methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane carboxylate*.....	0.003%
Inert Ingredients:	99.997%
	100.000%

*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 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

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.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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. 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.

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

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

Talstar® Plant RTU is designed for use as a ready-to-use spray to control various Insects, Mites and Spiders on house plants and ornamentals indoors and outdoors. Please read the following "Directions for Use" carefully and fully before applying this product.

Talstar® Plant RTU is a high-performance product specially designed to be used in very low concentrations, which means lower impact on the environment. The active ingredient in Talstar® Plant RTU mimics naturally-occurring insecticides found in chrysanthemums. Talstar® Plant RTU has a long residual, providing many weeks of control. Talstar® Plant RTU is:

- Virtually odor-free
- Fast-acting
- Water-based
- Easy-to-use
- Non-staining
- Broad-spectrum
- Kills Insects, Mites, Spiders, and Ticks
- For indoor and outdoor use

FMC
FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

ACCEPTED
with COMMENTS
in EPA Letter Dated
25 JUL 1996
Under the Federal Insecticide,
Fungicide, and Rodenticide
as amended, for the pest
registered under EPA Reg.
279-3159

To Control Pests on House Plants and Ornamental Flowers Indoors and Outdoors

Do not allow this product to contact food, foodstuffs, food preparation areas or utensils and water supplies. Shake the contents of this package for 10 to 15 seconds before use. Apply as a coarse spray to house plants and ornamental flowers in and around residential buildings including private homes, duplexes, townhouses, condominiums, seasonal recreational vehicles, houseboats, apartment complexes, airports, garages, fences, storage sheds, barns and other residential structures.

House Plants and Ornamentals: Spray directly and uniformly onto plants and ornamentals to control Ants, Aphids, Armyworms, Bagworms, Black Vine Weevils, Budworms, Cabbage Loopers, Cankerworms, Casebearers, Catalpa Sphinx Moths, Caterpillars, Cherry Laurel Leaf-tiers, Crane Flies, Elm Leaf Beetles, Fungus Gnats, Grasshoppers, Greenbugs, Green Striped Mapleworms, Gypsy Moths, Hornworms, Japanese Beetles, Lacebugs, Leafhoppers, Leafminers, Leafrollers, Omnivorous Leaf-tiers, Maple Shoot Moths, Mealybugs, Mimosa Webworms, mites, including Spider Mites, Oak Webworm, Orange Striped Oakworms, Poplar Tentmakers, Rose Midges, Sawflies, Scales (Crawlers), Sod Webworms, Sowbugs, Spittlebugs, Spiders, Sunflower Moths, Thrips, Tip Moths, Webworms, Weevils, Willow Leafbeetles and Whiteflies.

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 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