



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

EPA Reg. Number:
279-3157

Date of Issuance:
NOVEMBER 6,
1996

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
TALSTAR ME
Insecticide/Miticide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
Agricultural Chemical 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.

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. 279-3157."

3. Submit two 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.

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

Enclosure

Signature of Approving Official:

George T. LaRocca, PM-13

Date:

NOV - 6 1996

Code 1666

ACCEPTED
with COMMENTS
in EPA Letter Dated

2043

NOV - 6 1996

Net Contents



ME INSECTICIDE/MITICIDE

For Residential Outdoor Use Only

EPA Reg. No. 279-GRLT

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* 0.3%

Inert Ingredients: 99.7%
100.0%

*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

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

279-3157

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. Do not apply directly to water. 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. 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. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into drink containers.

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

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

Talstar® ME insecticide/miticide is a high-performance product. Talstar® ME is:

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

Mixing Instructions: Talstar® ME is a micro-emulsion concentrate and must be diluted before use. Please read the following "Directions for Use" carefully and fully before applying this product. As detailed below, add the appropriate amount of water to a spray tank or container, and then add the proper amount of product. Tighten the lid on the tank or container and mix the contents by either shaking, or inverting for about 10 to 15 seconds.

Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons. Do not use household utensils to measure Talstar® ME.



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Agricultural Products Group
Philadelphia PA 19103

Including Lawns, Landscaping and Shrubs

Apply as a coarse spray to outside surfaces of residential buildings including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, garages, lawns such as grass areas adjacent to or around private homes, duplexes, townhouses, condominiums, house trailers, recreational vehicles, houseboats, apartment complexes, carports, garages, fence lines, storage sheds, barns and other residential structures.

Nuisance Pests Outside: Use as a band treatment outside and on lawns to control ants, including Carpenter, Red Harvester, Pavement, Odorous Pyramid, Argentine, Pharoah (Sugar) and foraging Fire Ants*, Armyworms, Centipedes, Chiggers, Chinch Bugs, crickets, including Mole Crickets, Cutworms, Dichondra Flea Beetles, Earwigs, European Craneflies, Fleas, Flies, Grasshoppers, Hornets, Millipedes, mites, including Two-spotted, Tropical, Russet, Clover and Red Spider Mites, Mosquitoes, Moths, roaches, including German, Brown Banded, Smoky Brown and American Cockroaches, Scorpions, Sod Webworms, Sowbugs (Pillbugs), spiders, including Black Widow and Brown Recluse Spiders, Springtails, ticks, including Brown Dog Ticks, and Wasps.

*aids in control

Mix 0.6 fluid ounces of this product into one gallon of water to achieve a 0.0014% dilution.

Band Treatment: Apply as a coarse spray and thoroughly and uniformly wet a band of soil 1 to 2 feet wide immediately adjacent to a structure, and also the structure's foundation up to height of 1 to 2 feet. Apply to outside surfaces of doorways, window frames or wherever insects may enter buildings. Also treat surfaces around light fixtures, porches, in garages and other places where insects are seen. Treat foundations, refuse dumps, garbage cans and garbage areas, patios and other areas where pests have been seen congregating. Thoroughly spray localized infestations in weeds or bushy non-crop areas. Repeat as needed.

Lawns: Uniformly apply diluted product to lawns. One gallon of the diluted product will cover 100 sq. ft. of lawn area.

Hose-End Sprayer for Outside Surfaces Including Lawns, Landscaping and Shrubs

Talstar® ME insecticide/miticide may be supplied with a hose-end sprayer designed to be attached to a garden hose. Such a sprayer is pre-set to deliver 0.6 fluid ounces of concentrated product per gallon of water, equivalent to a 0.001% solution. Alternatively, a hose-end sprayer attachment, which can be adjusted to the proper settings, may be used.

With the water turned off at the faucet, attach a garden hose to the sprayer adapter. Make sure the hose is firmly attached and the sprayer is in the off position. Turn the water supply on at the faucet. Water pressure will build in the hose. To apply the product, turn the sprayer control to the on position. For best results, hold the sprayer and plastic container level and direct the sprayer in a sweeping side-to-side movement on lawns, landscaping and shrubs. Water and Talstar® ME are now being mixed at the proper rate. One gallon of diluted product (0.6 ounces of concentrate) will cover 100 square feet.

Ant and Fire Ant Mound Treatment

Mix 4 ounces of Talstar® ME insecticide/miticide in one gallon of water to make a 0.009% solution. Apply 1 to 2 gallons of diluted Talstar® ME to each mound area by sprinkling the mound until it is wet. Also apply diluted product to a four foot diameter circle around the mound. Use the higher volume for mounds larger than 12" in diameter.

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 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—Trademarks of FMC Corporation