

NOTICE OF PESTICIDE:

 REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Talstar Flowable
Insecticide/Niticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

FMC Corporation
Agricultural Chemical Division
2000 Market Street
Philadelphia, PA 19103

215/374
165/361182
18

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 279-3105."
- b. Under Hazards to Humans and Domestic Animals, append the following phrase "and before eating, drinking or using tobacco" after the phrase "... water after handling."
- c. Under the Storage and Disposal Statement, change the pesticide disposal section as follows:

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

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

[Handwritten Signature]

DATE

10/3/90

- d. Revise the Statement of Practical Treatment for oral and inhalation exposure as follows:

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. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED - Remove victim to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.

- e. Add the following paragraph to the Precautionary Statement:

Applicators must wear long sleeve shirt and trousers. Mixer and loaders must wear long sleeve shirt, trousers, chemical resistant gloves, and goggles or face shield.

- f. Add the following paragraph to the Direction for Use:

SPECIAL EQUIPMENT

This product should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing-loading system. That system should be designed and operated in such a manner to minimize human exposure to the formulated product or the mixed spray solution of this product. Follow State directions for closed systems. For more details, contact your State Extension Service.

3. Based on the current Confidential Statement of Formula (CSF) dated February 28, 1990 your product will not meet the label claim for the active ingredient. Please revise the CSF so the information agrees with the label claim. The flashpoint of the product and the upper and lower certified limits based on the pure active ingredients rather than the technical or concentrate must be provided on the CSF. Note that the lower limit of the active must be the same as the label claim in pure active form.

4. All submitted acute toxicity studies are acceptable and based on their toxicities the product was assigned the following categories:

<u>STUDY</u>	<u>STUDY CLASSIFICATION</u>	<u>TOXICITY CATEGORY</u>	<u>MRID NUMBER</u>
Acute Oral	Guideline	III	414136-02
Acute Dermal	Guideline	III	414136-03
Acute Inhalation	Guideline	III	414136-04
Acute Eye Irritation	Guideline	IV	414136-05
Skin Irritation	Guideline	IV	414136-06
Skin Sensitization	Guideline	Not a sensitizer	414136-07

5. Submit five copies of your final printed labeling before you release the product for shipment. 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 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 yours,

George T. LaRocca
Product Manager 15
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

Code XXXX

Net Contents

TALSTAR FLOWABLE
Insecticide/Miticide

EPA Reg. No. 279-XXXX

EPA Est. 279-

Active Ingredient:

Bifenthrin: (2-methyl[1,1'-biphenyl]3-yl)
methyl-3-(2-chloro-3,3,3-trifluoro
-1-propenyl)-2,2-dimethylcyclopropane
carboxylate*.....

7.9%

Inert Ingredients:.....

92.1%

100.0%

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

Talstar Flowable contains 2/3 pound active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other panels for additional precautionary information

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a Poison Control Center or physician promptly for advice. Describe Precautionary Statements and Notes to Physician statement on the label. Do not induce vomiting unless advised by a physician or qualified medical advisor. Do not give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. If discomfort persists, obtain medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If in eyes: Flush with plenty of water. Call a physician if irritation 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 (716)735-3765.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

001 3 19x

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Caution

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust (vapor or spray mist.) Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any kind of irrigation system.

STORAGE AND DISPOSAL

Pesticide Storage

Do not store below 35°F, (2°C).

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. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect: (716)735-3765.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

6078

Container Disposal

Plastic Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

TALSTAR FLOWABLE INSECTICIDE/MITICIDE

Greenhouse Grown Ornamental Trees, Shrubs, Plants, and Flowers,
Non-bearing Fruit and Nut Trees

Pest	lb ai/ 10 gal	Rate oz/ 10 gal	Comments
Aphids	0.004	0.80	Apply the specified rate as a full coverage foliar spray. Repeat as necessary to achieve control using higher rates as pest pressure and foliar area increases. Do not handle the plants until the spray has dried.
Armyworms	to	to	
Bagworm	0.02	4.0	
Brown Soft Scale			
Broad Mite			
California Red Scale (crawlers)			
Corn Earworm			
Cucumber Beetle			
Cutworms			
Elm Leaf Beetle			
Fall Webworm			
Flea Beetles			
Fungus Gnat			
Heliothis spp.			
Lacebugs			
Leafhoppers			
Leaf-feeding Caterpillars			
Loopers			
Mealybugs			
Oriental Fruit Moth			
Pine Needle Scale (crawlers)			
Pine Tip Moths			
Plant Bugs (including Lygus spp.)			
San Jose Scale (crawlers)			
Whiteflies			
<hr/>			
Citrus Thrips			To control Bagworm: Apply when larvae begin to hatch. Spray larvae directly. Applications made when larvae are young will be most effective.
Beet Armyworm	0.006	1.2	
European Red Mite	to	to	
Leafrollers	0.02	4.0	
Spider Mites			
Thrips			
Twig Borers			
<hr/>			
Japanese Beetle			To control scale crawlers and twig borers: Treat trunks, stems and twigs in addition to plant foliage.
Leafminers	0.01	2.0	
Pecan Leaf Scorch Mite	to 0.02	to 4.0	
<hr/>			
			Certain cultivars may be sensitive to the final spray solution. A small number of plants should be treated prior to application of the entire planting.
			Use of an alternate class of chemistry in a treatment program is recommended to prevent or delay pest resistance.

978

Talstar Flowable/Gallons of finished spray

Rate lb ai	1 gal.	5 gal.	10 GAL.	30 gal.	50 gal.	100 gal.
0.004	1/2t	3/4T	1 1/2T	4 1/2T	7 1/2T	3/4C
0.006	3/4t	1 1/3T	2 3/4T	8 1/4T	3/4C	1 1/2C
0.010	1 1/4t	2T	4T	2/3C	1 1/4C	2 1/2C
0.015	1 3/4t	3T	6T	1C	1 2/3C	3 1/3C
0.020	1 1/2t	4T	8T	1 1/3C	2 1/4C	4 1/2C

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 assumes 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.