

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	45639-93	11/28/84
	TERM OF ISSUANCE Until Reregistration	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT Turcam SC Flowable Insecticide		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Nor-Am Chemical Company
 3509 Silverside Road
 P.O. Box 7495
 Wilmington, DE 19803

BEST AVAILABLE COPY

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. 45639-93."
 - b. Please revise your storage and disposal statements as outlined in PP Notice 83-3.
 - c. As stated in our September 4, 1984, letter, please revise your label to read ornamental trees, shrubs and turf consistently throughout your label (including the front panel).
3. Submit five (5) 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.

Jay S. Ellenberger
 Product Manager (12)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767)

Enclosure ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Jay S. Ellenberger* DATE: 11/28/84

CONTAINS 2.64 POUNDS Bendiocarb /GALLON

ACTIVE INGREDIENT:

Bendiocarb: (2,2-(methyl-
1,3-benzodioxol-4-yl methylcarbamate)†)

INERT INGREDIENTS:

Percent by Weight

29.0%

71.0%

Total

100%

†Protected by U.S. Patent No. 3,736,338

EPA REGISTRATION NO. 45639-

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

KEEP OUT OF REACH OF CHILDREN

WARNING

MAY BE FATAL IF SWALLOWED

IF SWALLOWED — 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. GET MEDICAL ATTENTION.

IF INHALED — KEEP PATIENT STRICTLY AT REST AND TRANSFER TO HOSPITAL IMMEDIATELY TO GET MEDICAL ATTENTION.

IF ON SKIN — WASH WITH SOAP AND WARM WATER.

IF IN EYES — RINSE THOROUGHLY WITH CLEAN WATER.

NOTE TO PHYSICIAN: CONTAINS ANTICHOLINESTERASE CARBAMATE INSECTICIDE. IN CASES OF OVER-EXPOSURE, ATROPINE SULFATE — 2 MG. (EQUIVALENT TO 1/30 GRAIN ADULT DOSE) SHOULD BE GIVEN AND REPEATED AS NECESSARY UNTIL FULLY ATROPINIZED

ACCEPTED
BY THE
EPA

NOV 29 1981

Manufactured by:
NOR-AM Chemical Company
Wilmington, DE 19803 U.S.A.

45639-93

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

USE PRECAUTIONS

MAY BE FATAL IF SWALLOWED. May be absorbed through the skin. Avoid contact with skin and clothing. If contact occurs, wash skin and clothing immediately with soap and warm water, and eyes with clean water.

Avoid breathing spray mist

Wash hands and exposed skin before eating, drinking or smoking and after spraying or handling

Wash all contaminated clothing thoroughly before re-use

Do not permit children or pets to contact treated surfaces until spray has dried completely.

Do not use on or contaminate fruit, vegetables or other feed or food crops.

Do not store near feed or food products.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or to residues on plants.

Protective information may be obtained from your Cooperative Agricultural Extension Service.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

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DIRECTIONS FOR USE

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

TURCAM SC is intended for dilution with water for application with hand or power-operated sprayers. Do not use strainers finer than 50 mesh size. Fill spray tank with 3/4 of desired volume of water, add appropriate amount of product and then add the remaining quantity of water. Close and agitate before use to insure proper suspension. Reagitate sprayer before use if spraying is interrupted. Do not allow to stand overnight. If water pH is greater than 8, add a commercial buffering agent to adjust water pH to 7 or less. The activity of TURCAM SC at pH 8 or greater may be reduced.

LANDSCAPE TREES: Do not use on fruit trees. Spray TURCAM SC to the point of runoff for the insects listed below.

GYPSY MOTH

Egg Mass Treatment - Mix 12 fluid ounces of TURCAM SC per 100 gallons of water and apply to egg masses until saturation. Applications can be made up to 3 weeks before gypsy moth hatch.

Larvae Treatment:

Residual Foliar and Contact Spray: Mix 9 fluid ounces TURCAM SC per 100 gallons of water and apply to the whole tree (wood and leaves). This will control all larvae stages. If required for optimum control in heavily infested areas, applications can be made every two weeks.

Supplementary Residual Trunk Spray: When large larvae (1-2 1/2", 4-6 instars) are mobile and seeking resting places and a foliage spray is impractical, mix 6 pints of TURCAM SC per 100 gallons of water and apply to tree trunks until fully saturated, making sure to treat cracks and crevices. A harborage (burlap or tape bands) is recommended to keep the larvae on the treated surface. If required for optimum control in heavily infested areas, applications can be made every two weeks.

EASTERN TENT CATERPILLARS

Use 6.75 fluid ounces TURCAM SC per 100 gallons of water.

FALL WEBWORM

Use 14 fluid ounces TURCAM SC per 100 gallons of water.

JAPANESE BEETLES, ELM LEAF BEETLE, WILLOW LEAF BEETLE (LARVAE), POPLAR TENT MAKER, YELLOWNECK CATERPILLAR, SPRING CAMPERWORM, BAGWORM

Use 25.5 fluid ounces of TURCAM SC per 100 gallons of water.

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100
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MIMOSA WEBWORM

Use 36.75 fluid ounces of TURCAM SC per 100 gallons of water.

PINE SPITTLEBUG, BRONZE BIRCH BORER

Use 47.75 fluid ounces of TURCAM SC per 100 gallons of water. For Bronze Birch Borer, use three sprays spaced two weeks apart.

NANTUCKET PINE TIP MOTH

Use 73.25 fluid ounces of TURCAM SC per 100 gallons of water. Spray at the time of moth flight for each generation. Consult local Cooperative Extension authorities regarding time of moth flights in your area.

PALES PINE WEEVIL, NORTHERN PINE WEEVIL

Use 96 fluid ounces of TURCAM SC per 100 gallons of water.

TURF RECOMMENDATIONS

Apply TURCAM SC as a coarse, low-pressure spray in sufficient water to obtain complete and uniform coverage of pest-infested areas.

SUBSURFACE PESTS	FLUID OUNCES	APPLICATION PROCEDURE
White grubs of: Japanese beetle, Black turf grass Ataenius, European chafer, Northern masked chafer, Green June beetle, Annual white grub	2.25 to 4.5 per 1000 sq. ft.	Apply when pests become evident. Control of grubs is best when they are still small; therefore, late summer treatments are preferable to spring. Apply in adequate water to assure coverage, then irrigate thoroughly with 1/2-3/4 inch of water
Crickets		
SURFACE PESTS		
Chinch bugs, Leafhoppers, Sod webworm Ants, Bees, Brown dog ticks, Centipedes, Cockroaches, Crickets, Earwigs, Firebrats, Fleas, Ground beetles, Millipedes, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders (including Black Widow Spiders), Wasps	1.125 to 2.25 per 1000 sq. ft.	Apply when pests are evident. Use adequate quantity of water to thoroughly moisten grass and charch.

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LANDSCAPE FLOWERS AND SHRUBS RECOMMENDATIONS

Use TURCAM SC to control pests on ornamental plants in outdoor situations when ornamental pests are a problem.

TURCAM SC can be used to control specified pests on non-edible ornamental plants including, but not limited to: Ageratum, Asarina, Azalea, Begonia, Boxwood, Calendula, Cedar, Celosia, Chrysanthemum, Coleus, Daffodil, Dahlia, Dianthus, Euonymus, Ferns, Ficus, Flowering almonds, Flowering crab apples, Fuchsia, Gazania, Geranium, Holly, Hydrangea, Hypoestes, Impatiens, Iris, Ivy, Japanese yew, Juniper, Kalandra, Lilac, Lily of the Valley, Marigold, Mimosa, Nasturtium, Nicotiana, Oleander, Pachysandra, Pansy, Petunia, Pine, Portulaca, Pyracantha, Rhodendron, Rose, Salvia, Schefflera, Shasta daisy, Snapdragon, Spirea, Taxus, Verbena, Vinca and Zinnia.

CAUTION: Marginal tip burn may occur on Cardoon and Coleus at rates of 6 pints of TURCAM SC/100 gallons of water and above. TURCAM SC has demonstrated excellent plant safety; however, all species and varieties have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe prior to full-scale application.

Apply TURCAM SC when pests are evident. Spray to runoff at the rates recommended in the following table:

PEST	FLUID OUNCES OF TURCAM SC PER 100 GALLONS OF WATER
Chrysanthemum aphid, Green apple aphid, Hemispherical scale, Florida wax scale.	6.75 ozs.
Brown soft scale, Spirea aphid, Tea scale, Citrus mealybug, Hawthorne lacebug, Euonymus scale	14 ozs.
Thrips, Azalea caterpillar, Taxus mealybug (adults), Taxus mealybug (adults), Sycamore lacebug, Oleander Aphid, Oleander Caterpillar	25.5 ozs.
Obscure root weevil (adults)	36.5 ozs.
Whitefly, Citrus blackfly (larvae), Black vine weevil	48 ozs.
Azalea leafminer	96 ozs.

FIRE ANTS

Mix TURCAM SC as recommended in the table below. Two gallons of mixture are recommended for mounds 8 inches or larger in diameter. Less mixture can be used on smaller mounds, however, thorough penetration of insect galleries must be achieved. Apply a small amount of material around the perimeter of the mound. Apply the remaining volume directly on the mound so as to penetrate insect galleries. A second treatment may be necessary if complete control is not obtained.

Do not disturb the mound prior to application. If possible, make applications after recent rainfall. Applications may not be as effective during hot, dry periods. If possible, treat all colonies in the vicinity. Also, treat colonies which have not yet constructed a mound.

FLUID OUNCES OF TURCAM SC	AMOUNT OF WATER
.25 (1 1/3 teaspoon)	2 gallons
2.5	20 gallons