



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

EPA Reg. Number:
33657-14

Date of Issuance:
AUG 26 2005

Term of Issuance: Conditional

Name of Pesticide Product:
Dinotefuran 20% PCO

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mitsui Chemicals, Inc.
3-2-5 Kasumigaseki
Chiyoda-ku, Tokyo 100-6070, Japan

Authorized U. S. Agent:
Landis International
P.O. Box 5126
Valdosta, GA 31603-5126

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/reregistration of your product under FIFRA section 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 before you release the product for shipment:

a. Add the phrase "EPA Registration Number 33657-14".

(continued on page 2)

Signature of Approving Official:

Rita Kumar

Date: AUG 26 2005

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b. Revise the Environmental Hazards statement as follows: "This pesticide is toxic to shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not dispose equipment washwaters or rinsate into a natural drain or water body."

c. Revise the Physical and Chemical Hazards statement as follows: "Do not use, pour, spill, or store near heat or open flame."

3. This registration is subject to the time frames for submission of generic data for the active ingredient, as indicated in the Notice of Registration for Dinotefuran Technical, EPA Registration Number 33657-10.

4. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(a). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Sincerely,



Rita Kumar
Senior Regulatory Specialist
Insecticide Rodenticide Branch
Registration Division (7505C)

Enclosure

DINOTEFURAN 20% PCO

RECOMMENDED FOR COMMERCIAL AND INDUSTRIAL USE
FOR OUTDOOR USE ONLY

- For use on ornamental plants, ants (except fire ants), and building perimeters

Active Ingredient:
 Dinotefuran, N-methyl-N'-nitro-N'-[(tetrahydro-3-furanyl)methyl]guanidine 20%
 Other Ingredients 80%
 Total: 100%

KEEP OUT OF REACH OF CHILDREN
CAUTION
 See side panels for additional precautionary statements

FIRST AID	
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call poison control center or doctor for further treatment advice.
If Swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything by mouth to an unconscious person.
If In Eyes	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for further treatment advice.
If On Skin Or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact CHEMTREC (800) 424-9300 (24 hours) for emergency medical treatment information.	
See side/back panels for additional precautionary statements	

EPA Reg No. 33657-RU

Net Contents:

EPA Establishment No.67545-AZ-01

Manufactured By:
MITSUI CHEMICALS, INC.
 3-2-5 Kasumigaseki
 Chiyoda-ku, Tokyo 100-6070
 JAPAN
 Shiodome City Center
 1-5-2 Higashi-Shimbashi
 Minato-ku, Tokyo 105-7117
 JAPAN

ACCEPTED
 with COMMENTS
 in EPA Letter Dated
 AUG. 26, 2005
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the use of a
 registered under FIFRA section 24(c).
33657-14

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

PERSONAL PROTECTION EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not store or use near heat or open flame.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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GENERAL INFORMATION

Failure to follow directions and precautions on this label may result in poor insect control, and/or illegal residues.

- Dinotefuran 20% PCO effectively controls ~~cockroaches (American and German)~~, ants (except fire ants) and other listed pests.

- For use in the following areas ~~such as:~~

Ant Hills (except fire ants), ~~Dog Houses~~, Ornamental Plants and Building Perimeters ~~and Pet Sleeping Areas~~

- Controls the following insects ~~flying and crawling insects on contact such as:~~

~~Cockroaches (American and German)~~, Ants (except fire ants), Crickets, Small Flying Moths, and Gnats.

MIXING INSTRUCTIONS:

Dinotefuran 20% PCO Alone: Add ½ of the required amount of water to the mix tank. With the agitator running, add the desired amount of Dinotefuran 20% PCO to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after Dinotefuran 20% PCO has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Dinotefuran 20% PCO + Tank Mixtures: Add ½ of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. In general, tank mix partners should be added in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids, emulsifiable concentrates, and surfactants/adjuvants. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all the mixture has been applied.

NOTE: When using Dinotefuran 20% PCO in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank mix partner, including Dinotefuran 20% PCO. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using Dinotefuran 20% PCO in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are labeled.

Dinotefuran 20% PCO is compatible with most commonly used pesticide commercial operator pesticides. However, since it is not possible to test all possible mixtures, the user should pre-test to assure the physical compatibility of any proposed mixtures with Dinotefuran 20% PCO. To determine the physical compatibility of Dinotefuran 20% PCO with other products, use a jar test, as described below:

Using a quart jar, add the proportionate amounts of the products to 1 quart of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for additional required ingredients to the spray tank.

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RESISTANCE MANAGEMENT

Dinotefuran 20% PCO is a nitroguanidine insecticide. Pests which are resistant to insecticides in other chemical classes are not known to be cross-resistant to Dinotefuran 20% PCO. However, insect pests are known to develop resistance to products used repeatedly. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Consult your local or state authorities for details.

APPLICATION PROCEDURES AND SPRAY EQUIPMENT

For Outdoor Pests:

GENERAL: Use Dinotefuran 20% PCO at the rate of 1.4 fluid ounces per one (1) gallon of water to control on contact ants (except fire ants), **cockroaches**, crickets, small flying moths and gnats. Use at the rate of one (1) gallon per 1,000 square feet to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or are found. Do not spray in or near fish ponds or other bodies of water. Avoid soaking young or flowering plants.

Building Perimeter Treatment: To help prevent infestations of buildings by ants (except fire ants), **cockroaches**, crickets, small flying moths and gnats, treat a 12-18 inch band of soil or other substrate adjacent to buildings and the building foundation to a height of 2 to 3 feet where these pests are active and may find entrance. Use 1.4 fluid ounces of concentrate per gallon of water and apply as a coarse wet spray at the rate of one (1) gallon per 1,000 square feet.

RESTRICTIONS

- Do not graze treated areas or use clippings from treated areas for feed or forage.
- Avoid runoff or puddling of water following application.
- Keep children and pets off treated areas until spray has dried.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Pesticide Storage: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool dry place. Do not store diluted spray. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-CLEANUP.

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:

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE

MITSUI CHEMICALS, INC., warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions to the crops specified. There are no other warranties, expressed or implied, concerning the use of this product other than indicated on the label. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or conditions not reasonably foreseeable to seller, and buyer assumes all risk of any such use.