

33657-20

05/09/2008

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460



OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

MAY - 9 2008

Mr. Ronald Landis, Ph.D.  
Landis International  
P.O. Box 5126  
Valdosta, GA 31603-5126

Authorized agent for Mitsui Chemicals

Dear Dr. Landis:

Subject: Revised label and confidential statement of formula (CSF)  
Dinotefuran TK  
EPA File Symbol 33657-20  
Your submission dated Feb 21, 2008

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below:

1. Add the following to the Environmental Hazard statement:

“Dinotefuran and its degradate MNG have the properties and characteristics associated with chemicals detected in ground water. The high water solubility of Dinotefuran and its degradate MNG coupled with its very high mobility and resistance to biodegradation indicates that this compound has a strong potential to leach to the subsurface under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination. Periodic monitoring of shallow ground water in the use area is recommended.”

2. Add the phrase: “To the extent consistent with applicable law, ...” to the beginning of second and third sentences in the paragraph titled CONDITIONS OF SALE on page 3.

3. Revised basic CSF dated February 21, 2008 is conditionally acceptable, and this information has been added to our files for this product. Please note that the source product is now registered, and EPA File Symbol must be changed to the EPA Registration Number for the source product in column 12.

A stamped copy of the label is enclosed for your records.

Submit two (2) copies of the final printed label before you release the product for shipment bearing the revised labeling. If you have any questions, please do not hesitate to write or call me at (703) 308-8291.

Sincerely,

*Rita Kumar*

Rita Kumar  
Senior Regulatory Specialist  
Insecticide Rodenticide Branch  
Registration Division (7505C)  
E-mail: kumar.rita@epa.gov

Enclosure

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# DINOTEFURAN TK

MANUFACTURING-USE CONCENTRATE FOR FORMULATION INTO INSECTICIDE PRODUCTS

**Active Ingredient:**

Dinotefuran, N-methyl-N'-nitro-N'-[(tetrahydro-3-furanyl)methyl]guanidine .....	89.0%
Other Ingredients .....	11.0%
Total:	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

FIRST AID	
If In Eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If Swallowed	<ul style="list-style-type: none"> <li>• Call poison control center or doctor for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
In On Skin Or Clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
<p>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.</p>	
<p><i>See side/back panels for additional precautionary statements</i></p>	

EPA Reg No. 33657-20

EPA Establishment No. 33657-JP-002

Net Contents:

Manufactured By:  
**MITSUI CHEMICALS, INC.**  
 Shiodome City Center  
 1-5-2 Higashi-Shimbashi  
 Minato-ku, Tokyo 105-7117  
 JAPAN

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated:  
 MAY - 9 2008  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 As amended, for the pesticide  
 Registered under EPA Reg. No.  
33657-20

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

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**Handlers of this product should wear:**

- Goggles or face shield
- Long sleeve shirt
- Long pants
- Rubber gloves
- Shoes plus socks

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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 it to drift to blooming crops or weeds if bees are visiting the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS**

Extremely flammable. Keep away from fire, sparks, and heated surfaces.

**DIRECTIONS FOR USE**

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

Dinotefuran TK is intended for use only in the formulation of insecticide products used in the control of sucking, biting and chewing insects infesting cotton, leafy vegetables (except Brassica), fruiting vegetables, cucurbits, potatoes, grapes, head and stem brassica, turf and ornamentals, domestic outdoors (lawns, perimeter, and ornamentals) and certain public health pests.

**Products formulated from this manufacturing concentrate will require registration with the U.S. Environmental Protection Agency (EPA).**

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**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 store in metal containers. 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.