

86203-18

8/13/2010

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Peggy M. Galloway
Mitsue Chemicals Agro., Inc.
c/o Landis International, Inc.
P.O. Box 5126
Valdosta, GA 31603

AUG 13 2010

Subject: Notification: Per PR-Notice 2007-4
Dinotefuran 20 SG Soil Drench
EPA Reg. No. 86203-18

Dear Ms. Galloway:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated August 9, 2010 for the product referenced above. The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions regarding this letter, please contact me at (703) 306-0415 or davis.kable@epa.gov.

Sincerely,

Kable Bo Davis
Entomologist
Insecticide-Rodenticide Branch
Registration Division (7505P)

2007



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Mitsui Chemicals Agro, Inc. / 86203-18		2. EPA Product Manager Venus Eagle		3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted	
4. Company/Product (Name) Mitsui Chemicals Agro, Inc./ Dinotefuran 20 SG Soil Drench		PM# 1			
5. Name and Address of Applicant (Include ZIP Code) Mitsui Chemicals Agro, Inc. c/o Landis International, Inc. PO Box 5126 Valdosta, GA 31603-5126 <input type="checkbox"/> Check if this is a new address			6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____		

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____
 Resubmission in response to Agency letter dated _____ "Me Too" Application.
 Notification - Explain below. Other - Explain below.

NOTIFICATION

AUG 13 2010

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

The draft labeling reflects the current registrant name, address, net contents, EPA establishment number, and EPA registration number. Additionally, this notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) <u>Fiber drum with Plastic bag liner</u>
* Certification must be submitted If "Yes" Unit Packaging wgt. No. per container If "Yes" Package wgt No. per container			

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
 176.4 lbs.

5. Location of Label Directions
 on label and leaflet

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Peggy M. Galloway	Title Regulatory Agent	Telephone No. (Include Area Code) 229-247-6472
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Certification
 I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

3. Title
 Regulatory Agent

4. Typed Name
 Peggy M. Galloway

5. Date
 August 9, 2010

6. Date Application Received (Stamped)



August 9, 2010

Ms. Venus Eagle, PM 1
U.S. EPA Office of Pesticide Program (7504P)
Document Processing Desk (NOTIF)
One Potomac Yard, Room S4900
2777 S. Crystal Drive
Arlington, VA 22202-4501

SUBJECT: Dinotefuran 20SG Soil Drench, EPA Reg. No. 86203-18

Dear Ms. Eagle,

Please find enclosed the following documents on behalf of MITSUI CHEMICALS AGRO, INC., for Dinotefuran 20SG Soil Drench, EPA Reg. No. 86203-18:

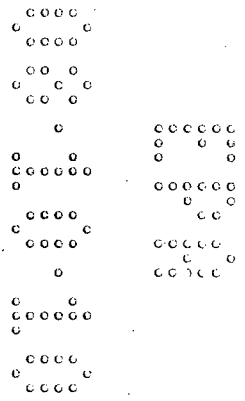
- Application for Pesticide (EPA Form 8570-1).
- One copy of draft labeling for Dinotefuran 20SG Soil Drench.
- A copy of the Transfer of Pesticide Registrations and Data from Company Number 33657 to Company Number 86203 letter.

The registration of Dinotefuran 20SG Soil Drench was transferred from EPA Reg. No. 33657-33 to EPA Reg. No. 86203-18 on October 29, 2009 due to MITSUI CHEMICALS, INC. changing their name to MITSUI CHEMICALS AGRO., INC. Pursuant to the transfer of the registration of Dinotefuran 20SG Soil Drench, the enclosed draft labeling reflects the current registrant name, address, net contents, EPA establishment number and EPA registration number. Provided is a copy of the Transfer of Pesticide Registrations and Data letter for your reference. Additionally, the enclosed label has been revised to comply with the requirements of PR Notice 2007-4. All changes are highlighted in yellow background with additions in normal type-face and deletions in ~~strike~~through.

Please contact us if you have any questions or need additional information.

Best regards,

Peggy M. Galloway
Peggy M. Galloway
Regulatory Agent
MITSUI CHEMICALS AGRO, INC.
Enclosures: Identified Above



DINOTEFURAN 20SG SOIL DRENCH

FOR OUTDOOR RESIDENTIAL USE ONLY

- Kills insect pests of outdoor ornamental trees and shrubs
- Dissolves quickly, non-foaming formulation
- Kills defoliating insect pests
- Provides rain fast protection
- Systemic activity - moves from the roots to the shoots
- One application a year provides long lasting protection

NOTIFICATION

AUG 13 2010

Active Ingredient:

Dinotefuran, (N-methyl-N'-nitro-N''-[(tetrahydro-3-furanyl)methyl]guanidine).....	20.0%
Other Ingredients	80.0%
Total:	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor 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.
In 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.
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 treatment advice.
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>	
<i>See side/back panels for additional precautionary statements</i>	

EPA Reg No. 86203-18 33657-33

EPA Establishment No. 082617-JPN-001

Net Contents: 176.4 lbs. (80 kg)

Manufactured By:

MITSUI CHEMICALS AGRO, INC.	
Shiodome City Center 1-5-2 Higashi-Shimbashi Minato-ku, Tokyo 105-7717 JAPAN	P. O. Box 5126 Valdosta, GA 31603-5126 USA

MITSUBISHI CHEMICALS, INC.
Shiodome City Center
1-5-2 Higashi Shimbashi
Minato-ku, Tokyo 105-7117
JAPAN

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

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store 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.

Use Restrictions

- DO NOT apply near rivers, lakes, streams or ponds.
- DO NOT apply to waterlogged or frozen soils.
- DO NOT apply to fruit or nut trees where produce is to be eaten.
- DO NOT allow children and pets on treated areas until ground has dried.
- Food utensils such as teaspoons and measuring cups should NOT be used for food purposes after use with this or any insecticide.
- DO NOT APPLY DINOTEFURAN 20SG SOIL DRENCH MORE THAN ONCE PER YEAR.

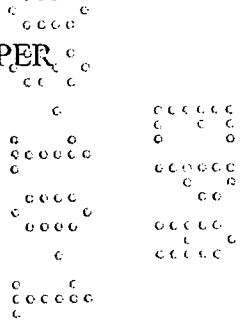
GENERAL INFORMATION

WHERE TO USE:

Dinotefuran 20SG Soil Drench can be used on outdoor residential ornamental trees and shrubs.

HOW TO APPLY:

See "How much Dinotefuran 20SG Soil Drench to use" to determine the amount required for your specific application.



leaf 7

Measure the required amount into a 1 gallon bucket or watering can and then add 1 gallon of water (2 gallons of water for trees with a diameter of greater than 40 inches - see below).

Stir contents of bucket with a long stick until the Dinotefuran 20SG Soil Drench has dissolved.

Slowly pour the contents around the base of the ornamental tree or shrub keeping as close to the trunk or stem as possible. Allow time while pouring for liquid to soak into the ground. Do not allow product to run off to surrounding areas as this will reduce product performance.

Rinse the bucket or watering can with an additional gallon of water and dispense around the tree trunk or shrub. This will assist in distributing the product to the plant roots.

During very dry periods trees and shrubs should be well watered the evening before application to assist in uptake of the product.

HOW DINOTEFURAN 20SG SOIL DRENCH WORKS:

Dinotefuran 20SG Soil Drench is extremely water soluble. Once applied to the soil around ornamental trees or shrubs, Dinotefuran 20SG Soil Drench is taken up by the roots along with the water and is transported to the leafy tissues. Here plant feeding insect pests contact the insecticide, stop feeding and are killed. Once inside the foliage Dinotefuran 20SG Soil Drench cannot be washed away.

For severe insect infestations it is advisable to treat foliage with a suitable foliar insecticide spray at the same time as making a Dinotefuran 20SG Soil Drench application. Depending on the overall size of the plant being treated it may take from a few days (for small shrubs) up to 3 weeks (for large trees) for Dinotefuran 20SG Soil Drench to exert its full protective effect.

If ornamental tree or shrub damage is in an advanced stage it may not be possible to prevent loss of the plant.

HOW MUCH DINOTEFURAN 20SG SOIL DRENCH TO USE:

See application rate conversion chart for tree applications.

Note: Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with this or any insecticide.

Ornamental Shrubs: 3 teaspoons of Dinotefuran 20SG Soil Drench per foot of plant height (measured from the ground) in 1 gallon of water. Round height up.

For example: Shrub is 2 feet 6 inches tall, then round up to 3 feet. 3 teaspoons per foot = $3 \times 3 = 9$ teaspoons in 1 gallon of water.

Ornamental Trees: 1 teaspoon per inch of diameter around the trunk in 1 gallon of water. If the tree has more than one trunk then add together.

For example: Tree has two trunks of 10 and 15 inches diameter. Total diameter = 25 inches. Apply 8 tablespoons and 1 teaspoon in 1 gallon of water.

If total tree circumference either for a single tree or a tree with several trunks is greater than 40 inches, then use 2 gallons of water. This will help distribute the product evenly around the tree.

For example: Tree has two trunks of 20 and 30 inches. Total diameter = 50 inches. Apply 16 tablespoons and 2 teaspoons in a total of 2 gallons of water.

TREE APPLICATION RATE CONVERSION CHART

Tree diameter (rounded up to nearest inch)	Amount to apply	Tree diameter (inches)	Amount to apply	Tree diameter (inches)	Amount to apply	Tree diameter (inches)	Amount to apply
1	1 teaspoon	11	3 tablespoons, 2 teaspoons	21	7 tablespoons	31	10 tablespoons, 1 teaspoon
2	2 teaspoons	12	4 tablespoons	22	7 tablespoons, 1 teaspoon	32	10 tablespoons, 2 teaspoons
3	1 tablespoon	13	4 tablespoons, 1 teaspoon	23	7 tablespoons, 2 teaspoons	33	11 tablespoons
4	1 tablespoon, 1 teaspoon	14	4 tablespoons, 2 teaspoons	24	8 tablespoons	34	11 tablespoons, 1 teaspoon
5	1 tablespoon, 2 teaspoons	15	5 tablespoons	25	8 tablespoons, 1 teaspoon	35	11 tablespoons, 2 teaspoons
6	2 tablespoons	16	5 tablespoons, 1 teaspoon	26	8 tablespoons, 2 teaspoons	36	12 tablespoons
7	2 tablespoons, 1 teaspoon	17	5 tablespoons, 2 teaspoons	27	9 tablespoons	37	12 tablespoons, 1 teaspoon
8	2 tablespoons, 2 teaspoons	18	6 tablespoons	28	9 tablespoons, 1 teaspoon	38	12 tablespoons, 2 teaspoons
9	3 tablespoons	19	6 tablespoons, 1 teaspoon	29	9 tablespoons, 2 teaspoons	39	13 tablespoons
10	3 tablespoons, 1 teaspoon	20	6 tablespoons, 2 teaspoons	30	10 tablespoons	40	13 tablespoons, 1 teaspoon

STORAGE AND DISPOSAL

Storage: Store in a cool dry place away from heat or open flame and inaccessible to children.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Partially used container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

Container Handling Disposal:

If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONDITIONS OF SALE

MITSUI CHEMICALS AGRO, 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.