

59639-162

04/23/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

59639-162

APR 23 2009

Term of Issuance: Conditional

Name of Pesticide Product:

Dinotefuran 2G GL Insecticide

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Valent USA Corporation
1600 Riviera Avenue, Suite 200
P.O. Box 8025
Walnut Creek, CA 94596

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) and (B) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 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. Submit the following data:

One year storage stability (830.6317) and corrosion characteristics (830.6320) studies. These studies can be run concurrently. The observation must be made at 0, 3, 6, 9, and 12 months period and the results must be submitted to the Agency on completion. These studies must be submitted within 15 months from today's date.

You have cited these data from another product, which is currently in review. These data requirements remain outstanding until cited data are accepted by the Agency.

Signature of Approving Official:

Date:

APR 23 2009

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Notice of Registration
EPA Reg. No. 59639-162

3. Make the following label changes before you release the product for shipment:

- a. Add the phrase "EPA Registration Number 59639-162".
- b. Provide Establishment Number on the front panel.
- c. The product name on the application form and in the application cover letter is *Dino 2 G GL Insecticide*, but it is *Dinotefuran 2 G GL* on the label, and *Dino 2 G* on the confidential statement of formula (CSF). The product name on the label and CSF must be revised to be the same as that on the application form. If you want this name to be what is on this approved label, then let us know so that the records can be changed, and also submit a revised CSF to indicate the correct product name. Product name in the rest of the label and the booklet must also match the name that you pick for this product.
- d. In the Environmental Hazard statement, add the following as the first paragraph:

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

4. Submit two (2) copies of the 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.

If you have any questions, please contact Rita Kumar at (703) 308-8291 or kumar.rita@epa.gov.

Sincerely,

John Hebert
Product Manager 1
Insecticide Rodenticide Branch
Registration Division (7505C)

Enclosure



[FRONT]
DINOTEFURAN 2 G GL
INSECT CONTROL
 [ICON] OUTDOOR USE ONLY
 [FOR USE ON] RESIDENTIAL TREES, SHRUBS AND ORNAMENTAL PLANTS
 READY-TO-USE
 SEASON LONG CONTROL
 BROAD SPECTRUM INSECT CONTROL ON TREES AND SHRUBS
 SEASON LONG CONTROL OF LISTED INSECT PESTS
 PREVENTIVE CONTROL
 [APPLY DURING] SPRING, SUMMER AND [EARLY] FALL
 [FOR USE ON] TREES, SHRUBS AND ORNAMENTAL PLANTS
 KILLS WHITEFLIES, MEALYBUGS, APHIDS, LEAFMINERS AND SCALE
 FOR SYSTEMIC INSECT CONTROL IN AND AROUND TREES, SHRUBS AND
 ORNAMENTAL PLANTS

For Outdoor Home Use Only

ACTIVE INGREDIENT:

*Dinotefuran N-methyl-N'-nitro-N'-[(tetrahydro-3-furanyl)methyl]guanidine.....	2%
OTHER INGREDIENTS	98%
Total	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 59639-RAE
EPA Est. No.

See side or back panel booklet for additional precautionary statements.

Manufactured for Valent U.S.A Corporation, P. O. Box 8025, Walnut Creek, CA 94596-8025, www.valent.com (800)-89-VALENT (897-2536)

NET WT 1 LB (454gm)
NET WT 7 LB (3.18 kg)
NET WT 10 LB (4.54 kg)

ACCEPTED
With COMMENTS
 In EPA Letter Dated:
 APR 23 2009
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act, As amended, for the
 pesticide Registered under EPA Reg. No:

1 59639-162

(Back or Side Panel)

{Optional text depending on labeling for example if using a back panel booklet}

**Open Resealable Label for
Directions & Precautions**

{PEEL HERE}
{PRESS TO RESEAL}

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions.
HOW IT WORKS <i>Dinotefuran 2G</i> is a broad-spectrum insecticide that kills many insects infesting ornamental plants, trees and shrubs growing in the landscape or in containers. <i>Dinotefuran 2G</i> is a systemic product and will be taken up by the root system and transported throughout the plant. <i>Dinotefuran 2G</i> will be transported more quickly in annual and perennial plants than in woody trees and shrubs.
PESTS CONTROLLED Adelgids, Aphids, Borers, Fungus Gnats, Lacebugs, Leafhoppers, Leaf Beetles, Leafminers, Mealybugs, Psyllids, Root Weevils, Scales, Thrips, Whiteflies, White Grubs.
WHERE TO USE Outdoors on newly planted or established ornamental plants, trees and shrubs planted in the landscape or in containers.
WHEN TO USE When insects begin to appear.
ORNAMENTAL PLANTS, SHRUBS AND TREES Ornamental Plants, Trees and Shrubs, Conifers, Evergreens, Flowering Plants, Foliage Plants, Non-Bearing Fruit Trees, Non-Bearing Nut Trees, Non-Bearing Vines,
AMOUNT TO USE For plants grown in the ground: Apply <i>Dinotefuran 2G</i> evenly on soil around base of plant within 18" of the trunk. Trees: 1/3 to 2/3 cup of <i>Dinotefuran 2G</i> per inch of diameter of trunk. For multi-stemmed trees, add the diameter for all stems together to determine the total diameter to be treated. Shrubs: 1/4 to 1/3 cup of <i>Dinotefuran 2G</i> per foot of shrub height. For plants grown in containers: See table inside booklet
HOW TO USE Evenly distribute the product on the soil surface within one and half feet of the base of the plant.
For Question, Comments or Medical Information Call: (800) 89-VALENT (898-2536)

{Inside Booklet}

RESTRICTIONS AND LIMITATIONS

- Do not allow runoff or puddling of irrigation water following application.
- Keep children and pets off treated areas until dusts have settled.
- Do not apply to areas that are water logged or saturated or frozen, which will not allow penetration into the root zone of the plant.

APPLICATION INFORMATION

- Only apply to moist soil. Do not apply to dry, saturated or frozen soil or when plants are not actively growing and taking up water from soil.
- Heavy rainfall or inadequate irrigation immediately following application may decrease performance.
- Use higher labeled rates for larger diameter trees and for broadleaf evergreens with dense foliage (example hollies).
- For plants growing in containers water containers after application with just enough water to dissolve granules.
- Pull back mulch prior to application if mulch is more than 1" thick.
- Irrigate after application with enough water to dissolve granules and move product into root zone

Plants growing in containers:

Treatment of Individual Containers	
Container Diameter (inches)	Teaspoons (tsp) per Container
4	1/8 to 1/4 tsp
5	1/4 to 1/3 tsp
6	1/3 to 2/3 tsp
7	2/3 to 3/4 tsp
8	3/4 to 1 tsp
For larger pots evenly distribute the product to the top of soil surface using 1/3 to 2/3 tsp for each gallon of potting media in container.	

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

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • 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 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 800-892-0099 for emergency medical treatment information.</p>	

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. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not dispose of equipment washwaters or rinsate into a natural drain or water body. Do not contaminate water when disposing of equipment washwaters or rinsate.

This compound is toxic to honey bees. The persistence of residues and potential residual toxicity of Dinotefuran in nectar and pollen suggest the possibility of chronic risk to honey bee larvae and the eventual instability of the hive.

This product is toxic to bees exposed to treatment for more than 38 hours following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state and federal authorities.

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

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result in ground water contamination. Periodic monitoring of shallow groundwater in the use area is recommended.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a cool dry place, out of reach of children, preferably a locked storage cabinet. **Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**DISCLAIMER, RISKS OF USING THIS PRODUCT
LIMITED WARRANTY
AND LIMITATION OF LIABILITY.**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT. Rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, and injury caused by drift. Such risks of non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, increased care, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

Valent must be provided notice, as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from the date of application, so that an immediate inspection of the affected property can be made.

If Buyer does not notify Valent of any claims in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability.