



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

James A. Armbruster, Ph.D.  
Chemical Consultants International  
Agent for: PBI/GODON CORPORATION  
7270 W. 98th Terrace, Suite 100  
Overland Park, KS 66212

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 09/30/93 in Response to PR Notice 93-7  
EPA Reg. No. 2217-678  
BARRIER 2% DICHLOBENIL GRANULES

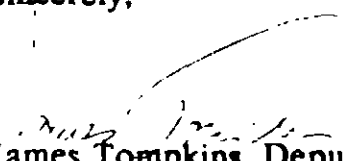
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

  
James Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

James A Armbruster, Ph D  
CHEMICAL CONSULTANTS INTERNATIONAL  
AGENT FOR: PBI/GORDON CORPORATION  
7270 W 98TH TERRACE, SUITE 100  
OVERLAND PARK KS 66212

Subject: Label Amendment Submission of 09/30/93  
in Compliance with the PR Notice 93-7  
EPA Reg Nr. 2217-678  
BARRIER 2% DICHLOBENIL GRANULES

Add exclusionary statement from PRN 93-11 to prevent use on  
commercially grown woody ornamentals.

# BARRIER® 2% DICHLOBENIL GRANULES

Controls Weeds & Grasses in ROSES, EVERGREENS, and OTHER SHRUBS.

## ACTIVE INGREDIENT:

Dichlobenil (2,6-DICHLOROBENZONITRILE)..... 2.0%

INERT INGREDIENTS..... 98.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

## CAUTION

SEE OTHER PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT 1.25, 5 AND 10 POUNDS

503/993WPS AP  
EPA REG. NO. 2217-678  
EPA EST. NO. 2217-KS-1

Mfd by PBI GORDON CORPORATION  
KANSAS CITY, MISSOURI 64101

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 17 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

2217-678

**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS  
AND FOLLOW DIRECTIONS CAREFULLY.**

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if swallowed. Do not breathe dust. Do not allow contact with eyes or skin.

**IMPORTANT!** Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting. Keep all unprotected persons, children, livestock, and pets away from treated area or where there is a danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Statement of Practical Treatment.

### **Statement of Practical Treatment**

**IF SWALLOWED:** Induce vomiting by drinking water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air.

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

**IF ON SKIN:** Wash with plenty soap and water.

**Environmental Hazards:** Cover, collect, or incorporate granules spilled on the soil surface. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

## **DIRECTIONS FOR USE**

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes and being grown in ornamental gardens or lawns and grounds.

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

## **STORAGE & DISPOSAL**

**STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. Storage area should be cool and dry. Keep container tightly closed using disc seal inside cap. Do not store near seeds, bulbs, or in greenhouse.

**PRODUCT DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

### **CONTAINER DISPOSAL:**

**5 LB. SPRED-RITE G APPLICATOR/CONTAINER:** Refill the SPRED-RITE® applicator with BARRIER® 2G granules available in 5 lb. bags. Do not use this applicator for any other purpose. When applicator becomes inoperable, or is no longer wanted, rinse thoroughly and place in trash collection.

**1.25 LB. SHAKER CONTAINER:** Do not reuse container. Rinse thoroughly before discarding in trash.

**BAGS:** Do not reuse bag. Discard bag in trash.

### **BEFORE APPLICATION:**

- Remove existing weeds.
- Thoroughly work and smooth the area to be treated.
- Carefully measure area to be treated and determine the number of square feet.

**NOTE:** If area to be treated is large, it should be divided into smaller sections, and each treated individually.

**APPLICATION AND RATE:** Shake granules uniformly on the soil at the rate of 3/4 ounce (3 level tablespoons) for each 10 square feet to be treated. The 20 ounce shaker package treats 270 square feet, the 5 pound bag treats 1,080 square feet. As a guide for proper distribution of granules, consult the following diagram.

(DIAGRAM)

- Rates higher than those indicated may cause injury.
- More accurate and uniform application can be obtained by applying one-half of the required material over the entire treatment area and repeating the application with the remaining material.
- This product should not be used on sloping areas, as runoff may result in injury to lawn or other plants in adjacent areas.

#### AFTER APPLICATION

- Unless the soil is wet, sprinkle lightly to moisten the soil 1/4 to 1/2 inch deep. Do not flood, avoid puddling and washing.
- Avoid disturbing soil in the treated area as long as weed control is being maintained.

**USE PRECAUTIONS:** Use only on the ornamental plants listed on the label. Do not apply to transplant or cutting beds or to newly set transplants, and do not seed or transplant into treated areas. Do not use on extremely light sandy soils. Do not use on plants, any part of which is used for human or animal consumption. This product, when applied to the soil as directed, will give selective control of annual grass and broadleaf weeds and certain perennial weeds such as:

Annual Bluegrass	Evening Primrose	Knotweed	Rosarypea
Bluegrass	Fiddleneck	Lambsquarters	Russian Thistle
Bull Thistle	Florida Purslane	Milkweed Vine	Shepherdspurse
Camphorweed	(Pusley)	( <i>Morrenia odorata</i> )	Smartweed
Carpetweed	Foxtail	Natalgrass	Spanishneedles
Chickweed	Gisekia	Peppergrass	Spurge
Citronmelon	Groundsel	Pineapple Weed	Teaweed
Coffeeweed	Henbit	Plantain	Texas Panicum
Crabgrass	Horsetail	Purslane	(Hurrahgrass)
Cudweed	Jerusalem oak	Ragweed	Wild Mustard
Dandelion	Goosefoot	Redroot Pigweed	Yellow Woodsorrel

~~**FRUIT IN ORCHARDS AND NURSERIES:** Do not plant rotational crops, on which Dichlobenil is not registered, in treated soil within one (1) year after application. This product may be used on the following crops; do not allow livestock to graze treated orchards:~~

~~A. Apple, Blueberry, Cherry, Grape, Nectarine, Peach, Pear, Prune Plum: May be used on bearing, non-bearing and nursery stock. Do not apply until 4 weeks after transplanting. Do not make application within one month of harvest on stone fruits. Apply 200 to 300 pounds per acre for annual weed control based on area actually treated. For control of perennial weeds apply 300 pounds per acre. Follow General Directions for use.~~

~~B. Blackberry and Raspberry: For control of annual weeds follow General Directions for Use, except use only on established plantings and do not apply more than 200 pounds per acre. Do not apply during new shoot emergence.~~

**BEST AVAILABLE COPY**

RATE CONVERSION CHART	
BARRIER 2G	BARRIER 2G
POUNDS PER ACRE	POUNDS PER 1,000 SQUARE FEET
150	3.50
200	4.60
250	5.75
300	7.00

**WOODY ORNAMENTALS:** This product is to be applied only to established woody plants - Those which have been planted for at least four months. May be used for weed control on the following plants.

Amur Corktree	Dogwood	Ivy ( <i>Hedera helix</i> )	Paxistima
Arborvitae	Eastern Red Cedar	Juniper	Pecan
Ash	Elm	Kinnikinnick	Photinia
Azalea <sup>1</sup>	Elwood Cypress	Laurel	Pittosporum
Barberry	English Walnut	Leucothoe	Poplar
Beauty Bush	Euonymous	Lilac	Privet
Birch	Filbert	Linden	Pyracantha
Boxelder	Flowering Almond	Locust	Rhododendron
Boxwood	Flowering Quince	Magnolia	Rockrose
Camellia	Forsythia	Maple	Rose
Caragana	Gardenia	Mock Orange	Russian Olive
<i>Cleyera japonica</i>	Goldenraintree	Mountain Ash	Spirea
Cotoneaster	Hackberry	Nanadina	Squaw-carpenter
Cottonwood	Heather	Oak	Weigela
Crabapple	Holly <sup>2</sup>	Osmanthus	Willow
Deutzia	Honeysuckle (Holly-Olive)	Yew ( <i>Taxus</i> )	

<sup>1</sup> Kurume, Mollis, hardy hybrid types and hardy native species only.

<sup>2</sup> Except *Ilex crenata*, *I. rotunda*, *I. vomitoria*.

#### LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

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**- SUPPLEMENTAL -**

**(FOR SPRED-RITE® GRAVITY-FLOW APPLICATOR/CONTAINER ONLY)**

**HOW TO ASSEMBLE THE SPRED-RITE® GRAVITY-FLOW APPLICATOR**

Instructions for assembly of spreader:

1. Illustration of Spreader, Tube Deflector
2. Illustration of Slide Tube Through Cap
3. Place Disk in Cap
4. Secure Cap onto Spreader
5. Attach Deflector to Tube

(DIAGRAM)

**DIRECTIONS FOR USE:**

1. To start the flow of granules: Tilt the spreader down until granules flow through the tube and across the deflector.
2. To start the granule flow: Tilt the spreader back toward the upright position.
3. Use the "B" disc for most applications and return the solid disc to the cap for storing after use. The "A" disc will slow down the rate of granular delivery and should be used only for applications to cracks and other very narrow areas. When used in this manner the deflector head should be removed entirely.

**IMPORTANT:** Do not use without either orifice disc since this will result in an extremely rapid flow of granules that may cause over application and risk of damage to desirable plantings or result in waste of the product.

4. To adjust the width of the band of granules: Hold the deflector close to the ground to produce a narrow band. As the deflector is raised, the band applied will widen. The spreader will apply a band of granules 30 to 36 inches wide when the deflector is held about 3 feet above the ground. By turning the deflector sideways, a 2 to 4 inch band will result.
5. Side delivery of granules: The operator can direct the granules out to the side and under hedges, bleachers, guard rails, etc. while walking straight ahead. Hold spreader parallel to the body, but with deflector positioned sideways.
6. The amount of granules applied will depend on the orifice disk used and the speed the person walks while making the application.

Refer to the rate diagrams for the pattern of granules for the various recommended rates. These patterns should be duplicated as nearly as possible for best results.