

2217-848

4-4-2008

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

4 APR 2008

James Kuntsman  
PBI/Gordon Corporation  
1217 West 12<sup>th</sup> Street  
P.O. Box 014090  
Kansas City, MI 64101

Subject: EPA Reg. No. 2217-848 EH 1396 Herbicide

The labeling referred to above, submitted in connection with reregistration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable.

Your request to be able to distribute and sell products bearing old labeling for one year after the Agency's acceptance of this labeling is acceptable.

If you have any questions please call Erik Kraft at 703-308-9358.

Sincerely,

A handwritten signature in cursive script that reads "Joanne J. Miller".

Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

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ACCEPTED  
- 4 APR 2008

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

2217-848

# EH1396 HERBICIDE

## EPA Reg. No. 2217-848

### ACTIVE INGREDIENT:

Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid .....	18.91%
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid .....	10.86%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) .....	4.62%

INERT INGREDIENTS:..... 65.61%

TOTAL..... 100.00%

### THIS PRODUCT CONTAINS:

- 1.42 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 15.63%
- 0.82 lbs. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 9.02%
- 0.35 lbs. 3,6-Dichloro-o-anisic acid equivalent per gallon or 3.84%

Isomer Specific By AOAC Methods.

TRIMEC® is a registered trademark of PBI/GORDON CORPORATION

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**KEEP FROM FREEZING**

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

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or clothing. Harmful if swallowed, if absorbed through skin or if inhaled. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### **Personal Protective Equipment**

Some materials that are chemical-resistant to this product are natural rubber, natural rubber blends and laminates. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, and other handlers must wear:

- protective eyewear,
- long-sleeved shirt and long pants,
- shoes and socks, plus
- chemical-resistant gloves (except for applicators using ground boom equipment) and
- chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.



### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should 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.

### First Aid

<b>If in eyes:</b>	<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 treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<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 treatment advice.</li> </ul>
<b>If inhaled:</b>	<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 a poison control center or doctor for treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment information.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

### Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

### DIRECTIONS FOR USE

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

#### General Precautions and Restrictions:

- Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

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- 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.

**SITES:**

EH1396 Herbicide is intended to be applied by lawn care operators and landscape personnel for use in ornamental lawns and turf established in ornamental sites. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings. Warm season turfgrass species include bermudagrass and St. Augustinegrass.

**MIXING INSTRUCTIONS WITH WATER AS THE CARRIER:**

1. Prepare only the amount of spray mixture which can be used the day that it will be sprayed.
2. Fill the spray tank with 1/2 to 3/4 of the required amount of water and begin agitation. Sufficient agitation during mixing and application is essential.
3. Add EH1396 Herbicide into the spray tank and maintain continuous agitation to avoid separation.
4. Fill the spray tank to 3/4 of the required amount of water. If tank mixtures are being prepared, add the companion product when the spray tank is approximately 3/4 full.
5. Finally, add the balance of the required water volume and maintain agitation prior to and during the application.

**APPLICATION RATES FOR ORNAMENTAL TURFGRASS:**

**Bermudagrass and St. Augustinegrass:**

For selective broadleaf control in ornamental turf, apply a maximum of 2.32 pints of product per acre per application with spray volumes ranging from 20 to 220 gallons per acre.

The maximum application rate is 2.32 pints of product per acre per application (0.24 lbs 2,4-D acid equivalent per acre per application). The maximum number of broadcast applications is limited to 2 per year. The maximum seasonal rate is 4.64 pints of product per acre (0.48 lbs 2,4-D acid equivalent per acre).

The number of spot treatments is limited to 2 per year. A minimum of 30 days between applications is required.

**USE PRECAUTIONS:**

Do not apply this product through any type of irrigation system. Use only lawn-type sprayers. Do not spray on carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area; be particularly careful within dripline of trees and other ornamental species. Avoid spraying St. Augustinegrass when temperature is above 90°F and under conditions of high humidity. Under these conditions, some slight temporary discoloration of St. Augustinegrass may occur. This product may be injurious to St. Augustinegrass in cases of accidental overdose.

Do not use this product on or near desirable plants, including within the drip line of the roots of desirable trees and shrubs, since injury may result.

<b>EH1396 HERBICIDE CONTROLS:</b>			
Bedstraw	Galinsoga	Peppergrass	Speedwell
Black medic	Ground ivy	Pigweed	Spurge
Buckhorn	Hawkweed	Plantain	Wild carrot
Burdock	Healall	Poison ivy	Wild garlic
Buttercup	Henbit	Poison oak	Wild lettuce
Chicory	Knotweed	Purslane	Wild onion
Chickweed	Lambsquarters	Ragweed	Yarrow
Clover	Lespedeza	Sheep sorrel	and many other
Dandelion	Mallow	Shepherdspurse	broadleaf weeds.
Dock	Morningglory		

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## **Spray Drift Management**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of ground application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

### **Droplet Size**

Use only Medium or coarser spray nozzles according to ASAE (S 572) definition of standard nozzles or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

### **Wind Speed**

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind.

### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

### **Susceptible Plants**

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

### **Other State and Local Requirements**

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

### **Equipment**

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

## **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing. Do not contaminate feed or foodstuffs.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** For Metal Containers- Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. For Plastic Containers - Triple rinse (or equivalent). Then 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.

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## **LIMITED WARRANTY AND DISCLAIMER**

To the extent consistent with applicable law, 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.

## **APPENDIX**

### **1. Statements which may appear on different label components depending on packaging configuration.**

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: \_\_\_\_\_
- EPA Est. No. \_\_\_\_\_

## **DOCUMENT CONTROL INFORMATION**

**1. Unique Label Identifier:** 002217-00848.20071105b.doc

**2. Previous Version:** AP051502

**3. Reason for Issue:**

002217-00848.20071105: Various changes pertaining to re-registration. Re-format label.  
002217-00848.20071105b: Changes made in response to EPA letter dated 3/3/08.