

2217-829

09/23/2003

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

SEP 23 2003

Craig Martens  
PBI Gordon Corporation  
P.O. Box 014090  
Kansas City, MO 64101-0090

Dear Mr. Martens:

Subject: Revised Labeling  
EH1377 Herbicide  
EPA Registration No. 2217-829  
Your Submission Dated September 9, 2003

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- Since this product is in Toxicity Category IV for the eye irritation and inhalation routes of exposure, in the Hazards to Humans section delete "Causes moderate eye irritation" and " Harmful if inhaled".

2. Submit one (1) copy of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

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

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

# EH1377 HERBICIDE

**ACTIVE INGREDIENTS:**

2-ethylhexyl ester of 2,4-dichlorophenoxyacetic acid .....	0.228%
2-ethylhexyl ester of (+)-(R)-2-(2,4-dichlorophenoxy) propionic acid .....	0.108%
Dicamba: 3,6-dichloro-o-anisic acid .....	0.038%
<b>INERT INGREDIENTS:</b> .....	<u>99.626%</u>
<b>TOTAL</b>	<b>100.000%</b>

**THIS PRODUCT CONTAINS:**

- 2,4-dichlorophenoxyacetic acid equivalent 0.151%
- 2-ethylhexyl ester of (+)-(R)-2-(2,4-dichlorophenoxy) propionic acid equivalent 0.073%
- 3,6-dichloro-o-anisic acid equivalent 0.038%
- Isomer Specific by AOAC Methods.

**CONTAINS SINGLE ISOMER FORM OF DICHLORPROP-p**

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

See next panel for additional Precautionary Statements and First Aid.

**NET CONTENTS: 24 Fluid Ounces, 32 Fluid Ounces (1 Quart), 64 Fluid Ounces (2 Quarts), 128 Fluid Ounces (1 Gallon)**

AP-----  
 EPA Reg. No. 2217-829  
 EPA Est. No. 2217-KS-1  
**MANUFACTURED BY:**



Telephone: 1-800-821-7925

ACCEPTED  
 with COMMENTS  
 SEP 23 2003

U.S. Environmental Protection Agency  
 Office of Pesticide Programs  
 Registration Division  
 2217-829



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

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. When using this product, wear long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**Personal Hygiene Statement:**

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

**Engineering Control Statement:**

*Containers over 1 gallon and less than 5 gallons:* Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

*Containers of 5 gallons or more:* Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**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 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 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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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 1-877-800-5556 for emergency medical treatment advice.</p>	

**ENVIRONMENTAL HAZARDS:**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater.

*Cleaning of Equipment:* When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

**DIRECTIONS FOR USE**

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

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**STORAGE & 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.

**CONTAINER DISPOSAL:**

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

**If partially filled:** Call your local solid waste agency or toll free number (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

**PRODUCT DESCRIPTION:**

EH1377 Herbicide contains TRIMEC® turf herbicide, a combination of three proven weed killers - 2,4-D, 2,4-DP-p, and dicamba. Together they control a wide range of broadleaf weeds commonly found in home (residential) lawns. This ready-to-use herbicide is intended for spot treatments only.

EH1377 Herbicide is recommended for sparse weed infestations and for follow-up treatments of broadcast herbicide applications. This ready-to-use herbicide is intended for spot treatments only. Weeds that have not emerged at the time of application will not be controlled.

**WHERE TO USE:**

**Northern Grasses** - Kentucky bluegrass, perennial ryegrass and fescues.

**Southern Grasses** - St. Augustinegrass, centipede grass, bentgrass, bahiagrass, bermudagrass and zoysiagrass.

**WHEN TO USE:**

EH1377 Herbicide can be applied in both dormant and growing seasons of turfgrass. The best control of weeds in established turf will be obtained from spring or early fall applications when weeds are actively growing.

Additional applications may be required for some weed species. If necessary, repeat the application at 14 to 21 days after the first application or when regrowth of the weed species is noted.

**PROHIBITIONS:**

- Do not apply to garden plants, flowers or shrubs.
- Do not use this product on carpetgrass, dichondra, nor on lawns with desirable clovers.

**HOW TO USE:**

Use to spot treat weeds in the lawn. EH1377 Herbicide is designed for easy treatment of small weed patches without mess or trouble and without bending or stooping.

**FOR TRIGGER SPRAYERS:****NO MIXING OR POURING - AIM AT WEED AND SPRAY**

For best results, use EH1377 Herbicide when weeds are actively growing. Rainfall or watering soon after application may reduce effectiveness.

**FOR CONTAINERS WITH TRIGGER SPRAYERS:**

EH1377 Herbicide is ready-to-use and is applied directly from the container fitted with the trigger sprayer. Direct the spray to the target weeds to provide uniform coverage of the upper leaf surfaces. *[OR: Wet the broadleaf weeds thoroughly using short bursts of spray.]* Usually, (*X Number*) pumps of this trigger sprayer will provide adequate coverage of individual weeds. Excessive spraying can injure some lawns.

**FOR REFILL CONTAINERS:**

EH1377 Herbicide is ready-to-use and is applied directly from the container. Remove the cap from the container and attach the trigger sprayer. Direct the spray to the target weeds to provide uniform coverage of the upper leaf surfaces. *[OR: Wet the broadleaf weeds thoroughly using short bursts of spray.]* Excessive spraying can injure some lawns.

**CARE AND INSTRUCTIONS FOR TRIGGER SPRAYERS****OPERATION:**

1. Remove sprayer from bag.
2. Unscrew cap from bottle and remove the foil seal.
3. Making sure that tube is properly inserted through hole in cap, insert tube into bottle and screw on cap.
4. Open spray nozzle approximately one full turn.
5. TO PRIME - With sprayer directed at the target area, operate trigger until spray begins (approximately 10 to 15 times).
6. Adjust the sprayer nozzle for desired spray pattern.

**STORAGE OF TRIGGER SPRAYER:**

1. Close spray nozzle.
2. Hook the trigger on or under the bottle handle so that trigger is above the level of contents.
3. To prevent clogging of trigger, remove sprayer from bottle and pump clean water through the hose and trigger.

**HOW TO PRIME AND CARE FOR YOUR SPRAYER:**

1. After shaking product well, remove cap from container and replace with sprayer hose and cap assembly. Tighten securely.
2. Turn sprayer nozzle one half turn counter-clockwise. Hold sprayer below the level of container and prime by pumping trigger 10 - 15 times until product is dispensed. Adjust nozzle to coarse stream.
3. To store, turn nozzle to "OFF" position and store with sprayer above level of liquid in container to prevent leakage

**FOR SPOT TREATMENTS (Backpack Sprayers, Knapsack Sprayers, Hand Operated Sprayers, and Other Tank Sprayers):**

EH1377 Herbicide is ready to apply and requires no mixing with water. Spot treatments may be appropriate for sparse weed infestations or as a follow-up treatment for dense weed infestations. Adjust the sprayer nozzle to deliver a coarse spray and apply uniformly.

Use EH1377 Herbicide to kill wild onion and any other troublesome broadleaf weeds.

- BROADLEAF WEEDS -			
Annual yellow sweetclover	Cockle	Musk thistle	Spiny cocklebur
Aster	Cocklebur	Mustard	Spiny sowthistle
Austrian fieldcress	Common mullein	Narrowleaf plantain	Spotted catsear
Bedstraw	Creeping jenny	Narrowleaf vetch	Spotted spurge
Beggarticks	Cudweed	Nettle	Spurweed
Betony, Florida	Curly dock	Orange hawkweed	Stinging nettle
Bindweed, field	Daisy, English	Oriental cocklebur	Strawberry, India mock
Bird vetch	Daisy fleabane	Oxalis	Tall nettle
Bitter wintercress	Daisy, oxeye	Parsley-piert	Tall vervain
Bittercress, hairy	Dandelion	Parsnip	Tansy ragwort
Bitterweed	Dichondra	Pearlwort	Tansy mustard
Black-eyed Susan	Dogbane	Pennycress	Tanweed
Black medic	Dogfennel	Pennywort	Thistle
Black mustard	Dollarweed	Pepperweed	Trailing crownvetch
Blackseed plantain	Elderberry	Pigweed	Tumble mustard
Blessed thistle	False dandelion	Pineywoods bedstraw	Tumble pigweed
Bloodflower milkweed	Falseflax	Plains coreopsis (tickseed)	Velvetleaf
Blue lettuce	False sunflower	Plantain	Venice mallow
Blue vervain	Fiddleneck	Poison ivy	
Bracted plantain	Florida pusley	Poison oak	Virginia creeper
	Frenchweed	Pokeweed	Virginia pepperweed
Bristly oxtongue	Galinsoga	Poorjoe	
Broadleaf dock	Goathead	Prairie sunflower	Wavyleaf bullthistle
Broadleaf plantain	Goldenrod	Prickly lettuce	Western clematis
Broomweed	Ground ivy	Prickly sida	Western salsify
Buckhorn	Gumweed	Prostrate knotweed	White mustard
Buckhorn plantain	Hairy fleabane	Prostrate pigweed	Wild aster
Bulbous buttercup	Hawkweed	Prostrate spurge	Wild buckwheat
Bull thistle	Healall	Prostrate vervain	Wild carrot
Bullnettle	Heartleaf drymary	Puncturevine	Wild four-o'clock
Burclover	Heath aster	Purslane, common	Wild garlic
Burdock	Hedge bindweed	Ragweed	Wild geranium
Burning nettle	Hedge mustard	Red sorrel	Wild lettuce
Burweed	Hemp	Redroot pigweed	Wild marigold
Buttercup	Henbit	Redstem filaree	Wild mustard
	Hoary cress	Rough cinquefoil	Wild onion
Canada thistle	Hoary plantain	Rough fleabane	Wild parsnip
Carolina geranium	Hoary vervain	Russian pigweed	Wild radish
Carpetweed	Horsenettle	Russian thistle	Wild rape
Catchweed bedstraw	Jimsonweed	Scarlet pimpernel	Wild strawberry
Catnip	Knawel	Scotch thistle	Wild sweet potato
Catsear	Knotweed	Sheep sorrel	Wild vetch
Chickweed, common	Kochia	Shepherdspurse	Woodsorrel
Chickweed, mouseear	Lambsquarters	Slender plantain	Woolly croton
Chicory	Lespedeza	Smallflower galinsoga	Woolly morningglory
Cinquefoil	Mallow	Smooth dock	Woolly plantain
Clover, crimson	Matchweed	Smooth pigweed	Wormseed
Clover, hop	Mexicanweed	Sorrel	Yarrow
Clover, red	Milk vetch	Sowthistle	Yellow rocket
Clover, strawberry	Morningglory	Spanishneedles	Yellowflower pepperweed
Clover, sweet	Mouseear hawkweed	Speedwell	and other
Clover, white	Mugwort	Spiny amaranth	broadleaf weeds

**LIMITED WARRANTY AND DISCLAIMER.**

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

THE MANUFACTURER NEITHER MAKES NOT 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**

***I. Advertising claims that may be used by supplemental registrants and be presented on the retail container label:***

- ◆ No mixing - No pouring
- ◆ Ready-To-Use - Aim at weed and spray.
- ◆ Contains TRIMEC®
- ◆ TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.
- ◆ Kills (Controls) (Number) weed types, roots and all
- ◆ Water-based or Water-based formulation
- ◆ Kills the weeds, not the lawn
- ◆ Kills (Controls) a wide range of broadleaf weeds roots and all.
- ◆ Controls (Kills) (desired weed species from attached listing may be inserted here.) and many other broadleaf lawn weeds.
- ◆ Kills (Controls) (desired weed species from attached listing may be inserted here.) and over (Number) broadleaf weeds
- ◆ Kills (Controls) (Number) weeds
- ◆ Gives effective control of numerous unwanted broadleaf weeds.

