

2217-740

7-18-2003

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

JUL 18 2003

OFFICE OF
PREVENTION, PESTICIDES
AND
TOXIC SUBSTANCES

Mr. Craig Martens
PBI/Gordon Corporation
Post Office Box 014090
Kansas City, Missouri 64101

Dear Mr. Martens:

Subject: Conversion from MCPP to MCPP-p And
2,4-DP to 2,4-DP-p
DMDP 897
EPA Registration No. 2217-740
Your Amendment Application Submission Dated
February 19, 2003

The Agency is conditionally approving an amendment to the registration of the above-referenced product under the authority of section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Under this amendment the Agency is approving the conversion of the active ingredient mecoprop from its racemic form [2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof] to its single isomer form [(+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof] and approving the conversion of the active ingredient dichlorprop from its racemic form [2-ethylhexyl ester of 2-(2,4-dichlorophenoxy)propionic acid, or applicable salt thereof] to its single isomer form [2-ethylhexyl ester of (+)-R-2(2,4-dichlorophenoxy)propionic acid, or applicable salt thereof]. The revised labeling and Confidential Statement(s) of Formula submitted in support of the conversion are acceptable with the following provisions:

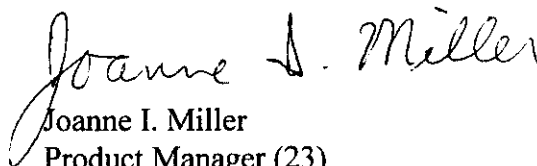
1. This acceptance is based on your certification that no changes have been made to the Confidential Statement(s) of Formula (CSF) or the product labeling other than those specified within the body of your certification statement. No other revisions are being reviewed or considered with this action.
2. You may sell or distribute product containing the racemic form of mecoprop and dichlorprop, and bearing the previously approved labeling for 18 months from the date of this letter.

A copy of the revised Confidential Statement of Formula (Basic Formulation, dated 02/19/03) has been placed in the Agency's file for the subject product. The amended labeling and basic CSF supersede all previously accepted ones.

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

Sincerely yours,



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

Enclosures

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DMDP 897

CONTAINS 2,4-D, MCPP-p AND 2,4-DP-p

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid	16.3%
Dimethylamine Salt of (+)-R-2-(2 methyl-4-chlorophenoxy)propionic acid....	8.2%
Dimethylamine Salt of (+)-R-2-(2,4-dichlorophenoxy)propionic acid.....	8.1%

INERT INGREDIENTS:.....	67.4%
TOTAL	100.0%

THIS PRODUCT CONTAINS:

- 1.2 lbs 2,4-dichlorophenoxyacetic acid equivalent per gallon or 13.6%
- 0.6 lbs (+)-R-2-(2 methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 6.8%
- 0.6 lbs (+)-R-2-(2,4-dichlorophenoxy)propionic acid equivalent per gallon or 6.8%
- Isomer Specific by AOAC Methods.
- Contains the single isomer form of 2,4-DP-p and Mecoprop-p.

KEEP OUT OF REACH OF CHILDREN

DANGER

See back panel for additional Precautionary Statements and First Aid.

NET CONTENTS U.S. GALLONS

AP-----
 EPA REG NO. 2217-740
 EPA EST NO. 2217-KS-1
 MANUFACTURED BY:



ACCEPTED
 with COMMENTS
 In EPA Letter Dated
JUL 18 2003

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
2217-740

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

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or clothing. Harmful or fatal if swallowed. When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and eye protection (face shield, goggles or shielded safety glasses - safety glasses should include front, brow and temple protection).

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 Statements:

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 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.

If spills occur, collect the material and dispose of by following disposal instructions on this label.

First Aid

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.
If 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 treatment advice.
If swallowed:	<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 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 a poison control center or doctor for treatment advice.
<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> <p>Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. For terrestrial uses, 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 contaminate water when disposing of equipment washwaters. 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. Do not apply when weather conditions favor drift from target area. Do not contaminate domestic or irrigation waters.

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Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D, MCP-P, and 2,4-DP-p have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D, MCP-P, and 2,4-DP-p pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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 or dust has settled.

FOR USE ON RESIDENTIAL AND OTHER TURF SITES EXCLUDING SOD FARMS.

STORAGE & DISPOSAL

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

STORAGE: Store in original container in a locked storage area. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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.

USE PRECAUTIONS:

Do not apply this product through any type of irrigation system. Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near nontarget plants. Do not use on warm season grasses, such as St. Augustinegrass, centipedegrass, dichondra, or on lawns and turf where desirable clovers are present. *Note:* Coarse sprays are less likely to drift. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not spray when air temperatures exceed 85°F. Seed can be sown 3 to 4 weeks after application. After using this product, clean sprayer thoroughly with soap or detergent and water and rinse thoroughly before applying other pesticides. Failure to observe the above precautions may result in injury.

WEEDS		
Black Medic	Lambsquarters	Speedwell
Buckhorn	Mallow	Spurge
Burdock	Morningglory	White Clover
Chicory	Oxalis (Woodsorrel)	Wild Carrot
Chickweed	Pigweed	Wild Garlic
Clover	Plantains	Wild Onion
Dandelion	Poison Ivy	Wild Lettuce
Dock	Poison Oak	Yarrow
English Daisy	Purslane	and other
Ground Ivy	Ragweed	broadleaf weeds
Healall	Red Clover	in lawns & turf.
Knotweed	Red Sorrel	

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ORNAMENTAL LAWNS & TURF (OTHER THAN BENTGRASS):

Apply DMDP 897 at a rate of 3.0 pints per acre in sufficient water for good coverage (40 to 80 gallons of water per acre or 1.0 to 2.0 gallons of water per 1,000 square feet). Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid applying during long excessively dry or hot periods unless adequate irrigation is available. Do not mow within two days before or after application.

The maximum application rate to turf is 0.5 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Controlled Droplet Applicator: Reduced rates of DMDP 897 must be used when grass is stressed from heat, drought, etc. Add 2.0 pints of DMDP 897 to the herbicide container then fill with 3 pints of water, keeping spray solution agitated. Spray entire contents over 33,000 square feet (about 0.75 acre). Do not overlap between spray patterns.

BENTGRASS TURF:

Apply DMDP 897 at a maximum rate of 0.5 fluid ounce per 1,000 square feet in spring or early fall when weeds are actively growing. Avoid overdosing bentgrass or injury may result. Increasing the spray volume to 3.0 gallons per 1,000 square feet will help avoid turf injury. Do not mow within two days before or after application.

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.