



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
☒ Other

OPP Identifier Number

243565

## Application for Pesticide - Section I

1. Company/Product Number 2217-703	2. EPA Product Manager Joanne I Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Acme Hi-Dep® Herbicide	PM# (PM 23)	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation P.O. Box 014090 1217 West 12th Street Kansas City, MO 64101 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION  
FEB 10 1997

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: Request to revise the geographical limitations for marketing this product in CA. Two (2) copies of the final printed labeling are enclosed. Please pin-punch one copy of the labeling and return to satisfy state registration requirements. This notification is consistent with the provisions of PRN95-2 & EPA regulations at 40 CFR 152.46, & no other changes have been made to the labeling or the CSF of this product. I understand it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PRN95-2 and 40 CFR 152.46 this product may be in violation of FIFRA & I may be subject to enforcement action & penalties under FIFRA Sec.12 & 14.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Craig Martens	Title Manager of Regulatory Services	Telephone No. (Include Area Code) (816) 421-4070	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete; I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Manager of Regulatory Services		
4. Typed Name Craig Martens	5. Date January 16, 1997		

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# Hi-Dep® CA

## BROADLEAF HERBICIDE

**GORDON'S**  
AGRICULTURAL PRODUCTS

Controls duckweed, waterhyssop, redstem, smallflower, umbrellaplant, and other susceptible broadleaf weeds in rice.

810/197 AP011697 WPS  
EPA REG. NO. 2217-703

MANUFACTURED BY  
**Gordon Corporation**  
KANSAS CITY, MISSOURI 64101

#### ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid	33.2%
Diethanolamine Salt of 2,4-Dichlorophenoxyacetic acid	16.3%
INERT INGREDIENTS	50.5%
<b>TOTAL</b>	<b>100.0%</b>

This Product Contains:  
3.8 lbs. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 33.6%  
Isomer Split by ADAC Methods

KEEP FROM FREEZING

### KEEP OUT OF REACH OF CHILDREN DANGER-PELIGRO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)  
See below for Precautionary Statements and Statement of Practical Treatment.



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

### NOTIFICATION

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS & DOMESTIC ANIMALS:

**DANGER:** Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor or spray mist.

##### Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

##### Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons in capacity: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

Containers of 5 gallons or more in capacity: Do not open pour from this container. A mechanical system (probe and pump or siphon) 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 the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

##### User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

##### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** In case of eye contact, immediately flush eyes with plenty of water for 15 minutes. Call a physician at once.

**IF ON SKIN:** Wash promptly with soap and water. Rinse thoroughly. If irritation develops, get medical attention.

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Call a physician at once.

**IF INHALED:** Remove victim to fresh air and apply respiration if indicated.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS:** Under no circumstances should this herbicide product or any 2,4-D weed killer be used in the vicinity of cotton, tomatoes, garden crops, grapes, ornamentals or other susceptible crops, or severe damage may result. Do not apply on windy days. Do not use equipment used in applying this product or any 2,4-D weed killer to apply insecticides, fungicides, or other material to susceptible crops. Do not use this product through any type of irrigation system. Avoid contamination of water supplies that may be used to irrigate or water susceptible crops, or to be used for domestic purposes.

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas. Do not apply in any manner not specified on this label.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D 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 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

**NOTICE TO USER:** This product must be applied in compliance with the pesticide regulations administered by the California Department of Pesticide Regulation (CDPR). This product cannot be used in Colusa county. Phenoxy herbicides are restricted herbicides, and this product should be used only by or under the supervision of a certified private or commercial applicator. A permit is required from the County Agricultural Commissioner for purchase or use of this product.

**GENERAL INFORMATION:** Hi-Dep® CA Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and ground equipment. Postemergent applications of Hi-Dep® CA Broadleaf Herbicide to rice will control duckweed, waterhyssop, redstem, smallflower, umbrellaplant, and other susceptible broadleaf weeds.

**SPRAY PREPARATION:** Check the spray tank and equipment for cleanliness before preparing the spray solution to be applied to rice. Hi-Dep® CA Broadleaf Herbicide should be mixed with water. The addition of surfactants or wetting agents is not recommended. Anti-drift agents approved by U.S. EPA are compatible with this product.

To avoid subsequent injury to crops other than rice, immediately clean spray equipment and dispose the rinsates according to label instructions.

#### SPRAY VOLUMES FOR AERIAL AND GROUND APPLICATIONS

**AIRCRAFT SPECIFICATIONS (FIXED WING OR ROTARY WING):** Boom width should not exceed 3/4 the length of the aircraft wingspan. Do not exceed 25 psi nozzle pressure. Number of nozzles required to obtain desired volume per acre is dependent on swath width and speed of aircraft. Nozzles should be positioned 180° from direction of flight for fixed wing. DO NOT APPLY THROUGH BECO-MIST NOZZLE SYSTEMS. Maintain aircraft altitude of 10 to 12 feet during application. See manufacturer's technical bulletin regarding nozzles and method of application specifications.

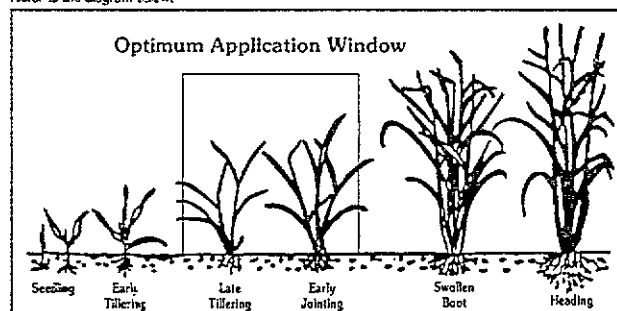
**AERIAL APPLICATIONS:** Spray volumes of 0.5 to 10 gallons per acre are appropriate. However, spray volumes of 2 or more gallons are recommended to provide adequate coverage.

**GROUND APPLICATIONS:** Spray volumes of 1 to 10 gallons per acre are recommended with ground equipment. Spray volumes of 10 to 25 gallons per acre may be needed for adequate coverage of weeds.

**APPLICATION RATES:** Apply 1.0 to 3.0 pints per acre of Hi-Dep® CA Broadleaf Herbicide to a wide range of broadleaf weeds in rice. The higher application rates may be needed to control difficult weeds; however, do not use the higher application rates unless crop injury will be acceptable. Consult your State Agricultural Experiment Station or State Extension Service Specialists for Rice for recommendations to fit local conditions. The total amount of Hi-Dep® CA Broadleaf Herbicide per acre must not exceed 3 pints.

**APPLICATION TIMING:** The window of application begins at the late tillering stage of rice and ends at the early jointing stage of rice. This growth stage can be identified when the basal internode elongates from 1/4 to 1/2 inch. Do not apply this product to rice when the basal internode is longer than 1.2 inch. For maximum effectiveness the weeds should be exposed at the time of application.

Refer to the Diagram below.



Applications of this product prior to or after the window of application are not recommended. Rice treated with this product at the seeding stages, early tillering stages, late jointing, booting, and heading stages may be severely injured.

#### STORAGE & DISPOSAL

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

**STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. 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 PLASTIC CONTAINER:** 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. **FOR DRUMS:** 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.

#### 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 as it is suited for the label 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 value, 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.

Hi-Dep® is a registered trademark of PBI/Gordon Corporation.

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# HiDQCA

## BROADLEAF HERBICIDE

**GORDON'S**  
AGRICULTURAL PRODUCTS

Controls duck salad, waterhyssop, redstem, smallflower, umbrellaplant, and other susceptible broadleaf weeds in rice.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

Refer to supplemental labeling entitled AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section of the labeling for information about this standard.

### ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid	33.2%
Diethanolamine Salt of 2,4-Dichlorophenoxyacetic acid	16.3%
INERT INGREDIENTS	50.5%
TOTAL	100.0%

### This Product Contains:

3.8 lbs. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 33.6% Isomer Specific by AOAC Methods

**KEEP FROM FREEZING**

KEEP OUT OF REACH  
OF CHILDREN  
**DANGER-  
PELIGRO**

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See attached booklet for additional Precautionary Statements, Statement of Practical Treatment.

810/197 AP011697 WPS  
EPA REG. NO. 2217-703  
EPA EST. NO. 2217-KS-1

 **pbi/gordon  
corporation**

**NET CONTENTS**  
**2 1/2 U.S. GALLONS (9.46 liters)**



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

SEE ACCOMPANYING BOOKLET  
FOR COMPLETE LABEL

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**DANGER: Corrosive.** Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor or spray mist.

### Personal Protective Equipment (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

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Containers of 5 gallons or more in capacity: Do not open pour from this container. A mechanical system (probe and pump or siphon) 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 raised before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240), the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (4-5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations:

Users should:

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**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

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810/197 AP011697 WPS

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