

PM 23

2217-543

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Notification

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 2-28-95



United States Environmental Protection Agency Washington, DC 20460

 Registration
 Amendment
 Other

OPP Identifier Number 238493

Application for Pesticide - Section I

1. Company/Product Number 2217-543	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Trimec® Herbicide	PM# (PM 23)	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO 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.

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

NOTIFICATION of Minor Labeling Revision, PR Notice 95-2. Please see attached page.

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	If "Yes" Unit Packaging wgt. No. per container		<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" 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 James A. Armbruster, Ph.D.	Title Director 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 (Stamp)
2. Signature 	3. Title Director Regulatory Services	
4. Typed Name James A. Armbruster, Ph.D.	5. Date October 10, 1995	

EPA Reg. No. 2217-543
Trimec® Herbicide
October 10, 1995

NOTIFICATION of Minor Labeling Revision per PR Notice 95-2:

We are submitting a minor label revision for the engineering control statements for this end product containing 2,4-D. Jack Housenger, OPP Special Review Branch Chief, recognized that spigots may be more practical than pump and probe systems in dispensing 2,4-D products from dedicated containers larger than 5 gallons. This notification is the addition of pre-approved language stated in a letter from the Agency to Larry Hammond, Chair of the Industry Task Force for 2,4-D Research Data, Pesticide and Toxic Chemical News, February 1, 1995. One copy of the proposed labeling and one copy of the news article are enclosed.

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

TRIMEC® HERBICIDE

A BROADLEAF WEED & BRUSH KILLER

Controls Dandelion, Chickweed, Knotweed, Plantains, Henbit, Spurge, Ash, Aspen, Brambles, Kudzu, Oak, Willows and many other species of broadleaf weeds and brush; some of which are listed on this label.

ONE GALLON COVERS 2 TO 2½ ACRES
KEEP FROM FREEZING

ACTIVE INGREDIENTS:

* Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid.....	25.93%
** Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid.....	13.85%
*** Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid).....	2.76%
INERT INGREDIENTS.....	<u>57.46%</u>
TOTAL 100.00%	

THIS PRODUCT CONTAINS:

- *2.03 lbs. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 21.54%
- **1.08 lbs. 2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 11.45%
- ***0.21 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 2.29%

TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.
Isomer Specific by AOAC Method.

KEEP OUT OF REACH OF CHILDREN

DANGER

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 one or two glasses of water. Induce vomiting by touching back of throat with finger. Call a physician at once. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF INHALED:** Remove victim to fresh air and apply respiration if indicated.
See additional Precautionary Statements elsewhere on this label.

NET CONTENTS _____ U.S. GALLONS

881,882, 883,885,886,888/ AP101095
 EPA REG. NO. 2217-543
 EPA EST. NO. 2217-KS-1
 Mfd. by PBI/GORDON CORPORATION
 KANSAS CITY, MISSOURI 64101

4 7 7

STOP! 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 on clothing. Harmful if swallowed or inhaled. Wear face shield or goggles when mixing, loading or applying this product. Avoid exposure to spray mist.

- FOR TURF SITES ONLY -

Clothing Requirement Statements: When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection.

Personal Hygiene Statements: 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.

- FOR INDUSTRIAL SITES ONLY -

Do not reenter or permit workers to reenter treated areas until sprays have dried or dusts have settled.

Clothing Requirement Statement: When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required.

Personal Hygiene Statements: Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower.

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.

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. Do not contaminate domestic or irrigation waters. Do not apply when weather conditions favor drift away from target area.

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

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP 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.

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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 areas 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 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 incineration, or, if allowed 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/BROADLEAF WEEDS IN ORNAMENTAL LAWNS & TURF: 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 desirable plants. Do not use on carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present. Use only lawn-type sprayers. Avoid fine sprays; coarse sprays are less likely to wind-drift. Do not spray roots of ornamentals and trees. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not broadcast apply when air temperature exceeds 85°F; some injury may be expected with spot treatments when air temperatures exceed 85°F. Seed can be sown 3 to 4 weeks after application. Some injury can be expected to turf when used on centipedegrass or St. Augustinegrass lawns; "spot-spray" weeds on these types of grasses to avoid possible damage that could occur from a broadcast treatment. After using this product, clean sprayer with soap or detergent and rinse thoroughly before using other pesticides in it. Care should be taken not to make applications where runoff could contaminate bodies of water or spray drift could carry the chemical to food crops or grazing lands where cattle, sheep, goats, swine or poultry would be exposed.

ORNAMENTAL LAWNS & TURF (cool season grasses other than closely-mowed bentgrass): Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid spraying during long, excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours after application. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be sown 3 to 4 weeks after application at recommended rates. Do not use on dichondra and carpetgrass.

The maximum application rate to turf is 1.0 pound 2,4-D acid equivalent per acre per application site. The maximum number of broadcast applications per treatment site is 2 per year.

General Application: Apply at the rate of 3¼ to 4 pints in 20 to 260 gallons of water per acre (1.2 to 1.5 fluid ounces of product in ½ to 6 gallons of water per 1,000 square feet). Use higher rates when using the higher volume of water per acre.

Controlled Droplet Applicator: Add 2½ pints of product to the HERBI container and fill with water. Spray contents over 33,000 square feet. Avoid overlapping between spray patterns.

Bentgrass Turf: On closely-mowed bentgrass (putting greens, bowling greens, and show lawns), apply at the maximum rate of 1 fluid ounce of product per 1,500 square feet in 5 gallons of water. Do not apply when grass is under stress from drought or hot temperatures. Use only application equipment that is capable of distributing uniform droplets over the entire area to be sprayed. Slight yellowing of turf will disappear after about one week.

Note: Care should be taken to avoid overdosing bentgrasses or injury may result. If hand-type sprayers are used it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom. Sweeping movements with a multiple nozzle boom will result in heavy local over-application and subsequent turf discoloration or injury.

USE PRECAUTIONS/BRUSH & BROADLEAF WEEDS ALONG ROADS, RIGHT-OF-WAYS, DRAINAGE DITCH BANKS & OTHER SIMILAR NON-CROP AREAS: Do not apply this product through any type of irrigation system. Avoid spray drift to cotton, soybeans, tomatoes, tobacco, grapes, fruit trees, flowers or garden crops, and all other hormone herbicide-sensitive desirable plants. Do not apply near sensitive plants since small quantities of wind-drifted herbicides may cause severe injury. Do not apply in areas underlaid by roots of desirable trees and shrubs. Do not apply herbicide when wind speed is sufficient to cause drift. Do not apply herbicides when a temperature air inversion exists. An air inversion may be detected by creating a smoke column and observing a layering effect. Do not apply when temperature exceeds 85°F and humidity is high. To aid in avoiding spray drift, use coarse sprays and low pressure. Do not use nozzles which produce fine spray droplets under high pressure. The use of thickening agents or anti-drift additives and drift-reducing equipment is of value in preventing spray drift. Care should be taken not to make applications where runoff could contaminate bodies of water or spray drift could carry the chemical to food crops or grazing lands where cattle, sheep, goats, swine or poultry would be exposed.

BRUSH & BROADLEAF WEEDS ALONG ROADSIDES, RIGHT-OF-WAYS, DRAINAGE DITCH BANKS & OTHER SIMILAR NON-CROP AREAS: To effectively control brush, all leaves, stems and suckers must be thoroughly wetted to the ground. Apply when plants come into full leaf (spring) to the time plants begin to go dormant. Best results, however, will be obtained when brush and weeds are young and actively growing. Do not cut brush or weeds until the herbicide has translocated throughout the plant causing root death.

General Application: Mix ¼ to 1 gallon of product in 30 to 100 gallons of water per acre (2.25 to 3 fluid ounces of product in 1 to 3 gallons of water per 1,000 square feet). Heavy dense stands of brush and weeds may require the high rate with the high water volume. Use only application equipment that is capable of distributing uniform droplets over the entire area to be sprayed.

BRUSH:		
Ash	Elms	Oak
Aspen	Gooseberry	Shortleaf Pine
Birches	Honey Locust	Thistle
Black Cherry	Kudzu	Willows
Brambles	Multiflora Rose	
WEEDS:		
Bedstraw	Innocence (Blue-eyed Mary)	Purple Cudweed
Black Medic	Knotweed	Purslane
Buckhorn	Lambsquarters	Ragweed
Burdock	Lawn Burweed	Redweed
Chicory	Lespedeza	Sheep Sorrel
Chickweed	Mallow	Shepherdspurse
Clover	Morningglory	Speedwell
Corn Speedwell	Old World Diamond Flower	Spurge
Dandelion	Peppergrass	Wild Carrot
Dock	Pigweed	Wild Garlic
Ground Ivy	Plantains	Wild Lettuce
Healall	Poison Ivy	Wild Onion
Henbit	Poison Oak	Yarrow

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.