

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 24pt; text-align: center;">192001</div>
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Section I

1. Company/Product Number <div style="font-size: 18pt; text-align: center;">33955-97</div>	2. EPA Product Manager <div style="font-size: 18pt; text-align: center;">Cynthia Giles Parker</div>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <div style="font-size: 18pt; text-align: center;">Acme Bordeaux Mixture</div>	PM# <div style="font-size: 18pt; text-align: center;">(PM 22)</div>	
5. Name and Address of Applicant (Include ZIP Code) <div style="font-size: 14pt;"> PBI/Gordon Corporation PO Box 4090 1217 West 12th Street Kansas City, MO 64101 <input type="checkbox"/> Check if this is a new address </div>	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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below
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NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-6

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

DATE: 7/12/93

NOTIFICATION:

Revision of the wetlands warning statement within the Environmental Hazards section according to definition stated in Pesticide Regulation (PR) Notice 93-3, "Labeling Statement Prohibiting Application to Water", March 9, 1993. This is to certify that this notification meets every requirement of PR-Notice 88-6.

Three copies of the revised labeling are enclosed.

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 Package 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) of 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"/> Other (_____) <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <div style="font-size: 18pt; text-align: center;">James A. Armbruster, Ph.D.</div>	Title <div style="font-size: 18pt; text-align: center;">Mgr. Regulatory Services</div>	Telephone No. (Include Area Code) <div style="font-size: 18pt; text-align: center;">(816)421-4070</div>

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 <div style="font-size: 18pt; text-align: center;">Mgr. Regulatory Services</div>	
4. Typed Name <div style="font-size: 18pt; text-align: center;">James A. Armbruster, Ph.D.</div>	5. Date <div style="font-size: 18pt; text-align: center;">May 20, 1993</div>	

ACME BORDEAUX MIXTURE

For Disease Control on EVERGREENS, SHRUBS,
SHADE TREES, PEONIES, FLOWERS, and FRUIT TREES.

ACTIVE INGREDIENT:

Copper, expressed as metallic, (In the form of Bordeaux Mixture).....	13.3%
INERT INGREDIENTS.....	86.7%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-8
DATE. 7/12/93

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.

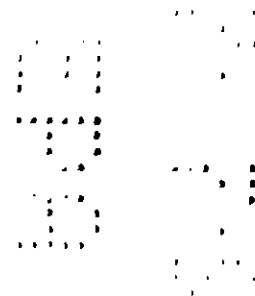
If Swallowed: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.
See back panel for Precautionary Statements.

NET WEIGHT (ONE, THREE, or FOUR) POUNDS

531 AP052093
EPA REG NO 33955-97
EPA EST NO 2217-KS-1

DISTRIBUTED BY ACME DIVISION
PBI/GORDON CORPORATION
KANSAS CITY, MISSOURI 64101



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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive, causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. May cause skin sensitization in certain individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards: For terrestrial uses, do not apply directly to water, 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.

DIRECTIONS FOR USE

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

STORAGE: Store in original container in a locked storage area inaccessible to children or pets.

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: For bags - Do not reuse bag. Discard bag in trash. For bottles, cans, jars - Do not reuse container. Rinse thoroughly before discarding in trash.

Disease control is a combination of prevention and protective sprays. Begin applications at the first signs of disease infection or when disease threatens.

Acme True Bordeaux Mixture is made from equal parts of copper sulfate and lime. Eight pounds of this product mixed with 50 gallons of water yields a 4-4-50 Bordeaux mixture. An equivalent concentration can be prepared by mixing 16 pounds of product with 100 gallons of water yielding a 8-8-100 Bordeaux mixture.

SPRAY PREPARATION: The spray mixture is prepared by dissolving the Acme True Bordeaux Mixture in one-half the required amount of water. After the product is dissolved completely, hydrated lime can be added slowly with agitation as the remainder of the water is added to the tank. The Bordeaux mixture must be agitated vigorously to prevent settling. Shake well before applying the spray mixture.

Two spray concentrations of 4-4-100 and 8-8-100 Bordeaux mixture are presented. Refer to the Directions For Use for the appropriate spray concentration. Use level spoonfuls in measuring. Use the higher amounts within the ranges if the container has been shaken to fluff the powder.

Amount of Acme True Bordeaux Mixture		
Spray Volume	4-4-100	8-8-100
1 Pint	3/4 to 1 tablespoon	1 to 1-1/2 tablespoons
1 Quart	1-1/2 to 1-3/4 tablespoons	2 to 3 tablespoons
1 Gallon	6 to 7 tablespoons	8 to 12 tablespoons
3 Gallons	1-1/8 to 1-1/4 cupfuls	1-1/2 to 2-1/4 cupfuls

3 teaspoonfuls equal 1 tablespoonful.

- FRUIT, VEGETABLES, AND NUT CROPS -

APPLES - To control late scab, black rot, bitter rot and blotch : Mix 8 tablespoons of product per gallon (8-8-100) plus 8 tablespoons of hydrated lime per gallon of water. A protective spray applied during bloom will help prevent infection and treatments should not be applied after the 1/4 inch green stage. May russet certain varieties. Do not spray tender foliage or during the early growing period when the leaf tissue is emerging from the bud. Repeat as necessary to maintain control.

PEARS - To control fire blight : Bloom sprays are applied to control the blossom blights stage of this disease. Mix 4 tablespoons of product per gallon of water. Do not add insecticides or exceed this dosage rate. Repeat at 5 to 7 day intervals until the end of the blooming period.

APRICOTS, PLUMS, SOUR CHERRIES - For bacterial leaf spot and brown rot : Mix 4 tablespoons of product plus 4 tablespoons of hydrated lime per gallon of water and apply at the shuck split stage. Also, the same dosage can be used for the first and second cover sprays. Do not use on Japanese plums.

PEACHES - For peach leaf curl when the tree is dormant : Mix 12 tablespoons of product per gallon of water (8-8-100) and apply after the leaves have dropped in the fall or before the buds swell in the spring. Thorough coverage is essential.

PECANS - For pecan scab : Mix 6 tablespoons of product per gallon of water (4-4-100) and apply when catkins show. Use three or four applications with three week intervals.

GRAPES - for black rot and powdery mildew : Mix 6 tablespoons of product per gallon of water (4-4-100) and apply at the early pre-bloom stage, post-bloom stage, and mid-summer stage. For the early bloom stage apply when the shoots are 18 inches long. For the post-bloom stage apply when 90 percent of blossoms have opened. For the mid-summer stage apply during July and August depending upon the severity of the disease.

POTATOES - For early and light blight of potatoes : Mix 8 tablespoons of product per gallon of water (8-8-100) and apply when the plants are 3 to 4 inches in height. Repeat treatments at the same dosages rate at 10 to 14 day intervals during the entire growing season.

STRAWBERRY - For leaf spot : Mix 6 tablespoons of product per gallon of water (4-4-100) and apply at 10 to 14 day intervals from the pre-bloom stage until harvest. Begin treatments at the first sign of leaf spotting. Repeat treatments as long as disease continues.

CITRUS - For brown rot of lemons, grapefruit scab, melanose of grapefruit and oranges : Mix 6 tablespoons of product per gallon of water (4-4-100) and apply two treatments at the same dosage rate. Apply the first treatment in late winter prior to spring growth and apply the second treatment after the petals have fallen from the blossoms but before the new fruit is larger than a pea.

TOMATO - for early blight, late blight, and Septoria leaf spot : Begin applications when disease threatens and repeat applications at 7 to 10 day intervals. Mix 6 tablespoons of product per gallon of water (4-4-100) and use full coverage spray.

- TREES AND ORNAMENTALS -

SYCAMORES, LINDEN, MAPLE, OAK, TULIP TREE, ELM - To control anthracnose, leaf spot and elm leaf curl : Begin applications when the leaves begin to unfold in the spring to protect the plant before infection begins. Mix 8 tablespoons of product per gallon of water (8-8-100) and spray for full coverage.

JUNIPER, CEDAR, CYPRESS, ARBORVITAE, SPRUCE, PINE, YEW - for needle cast on blue spruce and sphaeropsis blight of pine : Mix 8 tablespoons of product per gallon of water (8-8-100). For twig blight of yew : mix 8 tablespoons of product per gallon of water (8-8-100) and apply in spring as growth begins. For coryneum blight of cypress, juniper, and arborvitae : Mix 6 tablespoons of product per gallon

of water (4-4-100) and apply in the spring and fall. For cedar apple rust on cedars: Mix 8 tablespoons of product per gallon of water (8-8-100) and apply during July - August.

IVY - Leaf spot : Mix 6 tablespoons of product per gallon of water (4-4-100) and apply full coverage spray. Begin applications when the infection begins and repeat application in 14 days if necessary.

LAUREL, LILAC, RHODODENDRON - For leaf spot and blight : Mix 4 tablespoons of product per gallon of water and apply as a full coverage spray in early spring. A second application at the post-bloom stage is recommended.

DOGWOOD, BOXWOOD, - For leaf spot of dogwood and for nectria canker of boxwood : Mix 8 tablespoons of product per gallon of water (8-8-100). Begin applications in early spring growth stages. Repeat treatments as necessary to maintain control.

- FLOWERS -

CAMELIAS - For dieback on camellias: Mix 6 tablespoons of product per gallons of water (4-4-100) and apply in early spring.

DAHLIAS, TULIPS, GLADIOLUS, LILLIES - For botrytis blight (gray mold): Mix 6 tablespoons of product per gallon of water (4-4-100) and apply in early spring. Repeat treatments in 7 to 10 days.

IRIS - For leaf spot : Mix 8 tablespoons of product per gallon of water (8-8-100) and apply when growth begins in the spring. Repeat as necessary to maintaining control at 7 to 10 day intervals.

PEONY - For leaf blotch, botrytis blight (gray mold) : Mix 6 tablespoons of product per gallon of water (4-4-100). Spray before shoots are one foot tall; repeat the application at the same dosage rate in two weeks. If any sign of bud blast, spray again. Remove any wilted shoots by cutting below ground, place in paper bag and burn. Remove old stalks and leaves in fall and burn - do not compost.

DELPHINIUM, GERANIUM - For leaf spot : Mix 4 tablespoons of product per gallon of water. Begin applications when disease infection begins and repeat treatments if necessary.

PALMS - For anthracnose, scab, leaf spot : Mix 6 tablespoons of product per gallon of water (4-4-100) and apply when disease symptoms appear. Repeat treatments to maintain control.

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.