


PM 14 0217-1114

Notification 10/29

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 192048
	Application for Pesticide:		

Section I

1. Company/Product Number 2217-714	2. EPA Product Manager R. Forrest	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pestroy 4 EC Broad Spectrum Insecticide	PM# (PM 14)	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO Box 4090 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:
 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.

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3
DATE: 7/17/93

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	Metal Plastic Glass Paper 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"/> 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 Mgr. Regulatory Services	Telephone No. (Include Area Code) (816)421-4070
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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, both under applicable law.

2. Signature 	3. Title Mgr. Regulatory Services	6. Date Application Received (Stamped)
4. Typed Name James A. Armbruster, Ph.D.	5. Date May 20, 1993	

NOTIFICATION:
LABEL NOT REVIEWED
PER PR NOTICE 88-6
DATE 7/12/93

PESTROY® 4 EC

BROAD-SPECTRUM INSECTICIDE

For Ornamentals & Trees

ACTIVE INGREDIENT:

Fenitrothion: O,O-dimethyl O-(4-nitro-m-tolyl) phosphorothioate..... 45.0%

INERT INGREDIENTS..... 55.0%

TOTAL 100.0%

Contains xylene-range aromatic solvent

This product contains 4 pounds fenitrothion insecticide per gallon

PESTROY® is a registered trademark of PBI-GORDON CORPORATION.

SUMITHION® is a registered trademark of SUMITOMO CHEMICAL CO., LTD.

KEEP OUT OF REACH OF CHILDREN

WARNING

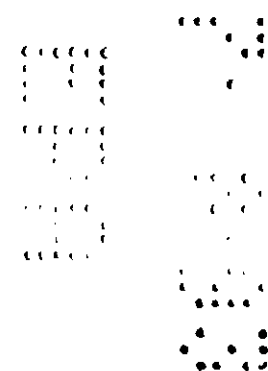
See side panels for additional Precautionary Statements
and Statement of Practical Treatment.

NET CONTENTS GALLONS

697 AP052092

EPA REG NO 2217-714
EPA EST NO 2217-KS-1

MFD. BY 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

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Do not breathe vapors. Do not get in eyes, on skin, or on clothing. Thoroughly wash contaminated skin with soap and water. Launder clothing after using this product. Keep out of domestic or animals water supplies. Do not store or transport with food or animal feed.

Statement of Practical Treatment

For Pesticide Emergency -- CALL A PHYSICIAN IMMEDIATELY: If exposure occurs or is suspected, immediately initiate the procedures below. Simultaneously contact a Poison Control Center, a physician or the nearest hospital. Describe the situation and follow the advice given. **NOTE:** Be sure to advise the physician that the compound is a cholinesterase inhibitor and follow the physician's advice.

IF SWALLOWED: Immediately give large quantities of water and induce vomiting. This product contains hydrocarbon solvent. Have a physician determine if condition of patient will permit evacuation of stomach. Never give anything by mouth to an unconscious person.

FOR EYE CONTACT: Hold eyelids apart and flush with large amounts of running water for at least 15 minutes. Get medical attention.

FOR SKIN CONTACT: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs. Wash clothing before reuse.

IF INHALED: Remove to fresh air. Seek medical attention if respiratory irritation occurs.

NOTE TO PHYSICIAN: Exposure may cause cholinesterase inhibition. Atropine by injection is antidotal. 2-PAM is also antidotal when administered early and in conjunction with atropine.

Environmental Hazards: This product is toxic to wildlife and extremely toxic to aquatic invertebrates. 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical or Chemical Hazards: Do not expose to heat above 150°F. Do not use, pour, spill, or store near heat or open flame. Do not expose to prolonged heat. Contact of container with flames or high temperatures will cause an explosion. Keep container closed when not in use.

DIRECTIONS FOR USE

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

Reentry into treated areas is prohibited for 24 hours after the end of the application, unless the protective clothing specified on this label is worn. When mixing, loading, spraying or cleaning equipment, or during early reentry into treated areas, wear chemical resistant gloves, protective suits or coveralls that cover the arms, legs, and torso, and chemical resistant shoes, boots, or shoe covers. Chemical resistant gloves must be washed with soap and water before removing. All clothing worn during the use of fenitrothion must be laundered separately from household articles. Clothing and protective gear drenched or heavily contaminated with fenitrothion must be destroyed according to state and local regulations. Drenched or heavily contaminated clothing cannot be properly decontaminated.

STORAGE & DISPOSAL

STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Storage area should be cool, dry, and ventilated. Do not expose to prolonged heat. Contact of containers with flames or high temperatures will cause an explosion. This product will support combustion. Keep container closed when not in use.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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. For metal 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.

- FOR OUTDOOR USE ONLY - GROUND APPLICATION ONLY -

Do not treat areas where food or feed crops are growing. Do not apply to potable water. Do not apply this product through any type of irrigation system.

ORNAMENTALS & TREES: To control certain insects on ornamentals apply PESTROY at the rates indicated in the following table per 100 gallons of water with appropriate sprayer. The finished spray should be applied to the point of runoff, thoroughly wetting all parts of the affected plants. Use outdoors, in nurseries or greenhouses as a broadcast or spot application. Repeat applications may be necessary to maintain insect control. Do not repeat more than once a week.

	PINTS PER 100 GALLONS WATER					
INSECTS	1	1-2	1 1/2	2	3	6
APHIDS: (<i>Cinara</i> spp.)		X				
Ivy Aphid (<i>Aphis hederæ</i>); Tulip Tree Aphid (<i>Macrosiphum liriodendri</i>); Rose Aphid (<i>Macrosiphum rosæ</i>)						
Crapemyrtle aphid (<i>Tinocallis kahawaluokalani</i>)				X		
BAGWORM: (<i>Thyridopteryx ephemeraeformis</i>)					X	
BORER: Iris Borer (<i>Macronoctua onusta</i>)		X				
BUDWORM: Spruce budworm (<i>Choristoneura fumiferana</i>)			X			
CANKERWORM: Fall cankerworm (<i>Alsophila pometaria</i>)			X			
CATERPILLAR: Forest Tent Caterpillar (<i>Malacosoma disstria</i>) Eastern Tent Caterpillar			X			
(EOTETRANYCHUS spp.)		X				
GYPSY MOTH		X				
LACEBUG: Andromeda lacebug				X		
Hawthorn Lacebug (<i>Corythucha cydoniae</i>)		X				

(Continued)

PINTS PER 100 GALLONS WATER

INSECTS

	1	1-2	1 1/2	2	3	6
LEAF BEETLE: Imported willow leaf beetle (<i>Plagiodera versicolora</i>); Elm leaf beetle (<i>Pyrrhalta luteola</i>)				X		
LEAFMINER: Birch leafminer (<i>Fenusa pusilla</i>); Azalea Leafminer (<i>Caloptilia azalea</i>)		X		X		
MEALYBUG: Citrus mealybug (<i>Planococcus citri</i>)		X				
MIDGE: Balsam Gall Midge (<i>Paradiplosis tumifex</i>)		X				
MITE: Eriophyid Mite (<i>Nalepella tsugifoliae</i>); Southern Red Mite (<i>Oligonychus ilicis</i>)		X				
PALMERWORM: <i>Dichomeris ligulella</i>			X			
PSYLLID: Boxwood Psyllid (<i>Psylla buxi</i>) Hackberry Psyllid (<i>Pachypsylla celtidisvesicula</i>)		X				
PINE TIPMOTH:(Adult- <i>Rhyacionia spp.</i>)		X				
SAWFLY: European pine sawfly (<i>neodiprion sertifer</i>) European spruce sawfly; Pine sawfly (<i>Diprion hercyniae</i>)		X				
SCALE: Red pine scale (<i>Matsucoccus resinosae</i> - 1st generation crawler)						X
Cottony Taxus Scale Crawlers; (<i>Pulvinaria floccifera</i>)		X				
SPITTLEBUG: Saratoga spittlebug (<i>Aphrophora saratogensis</i>)				X		
Meadow Spittlebug (<i>Philaenus leucophthalmus</i>)		X				
SLUG: Rose Slug (<i>Endelomyia aethiops</i>)		X				
WEBWORM: Fall Webworm (<i>Hyphantria cunea</i>)				X		
WEEVIL: Pales Weevil (<i>Hylobius pales</i>) Northern Pine Weevil (<i>Pissodes approximatus</i>); Black Vine Weevil (<i>Brachyrhinus sulcatus</i>)		X				
WHITEFLY: Citrus Whitefly (<i>Dialeurodes citri</i>)		X				

**RECOMMENDED FOR INSECT CONTROL
ON THE FOLLOWING ORNAMENTAL PLANTS & TREES**

Pestroy has demonstrated excellent plant safety; however, all species and varieties have not been tested. As a precaution for groups where there are many species and varieties, treat a few plants and observe before treating a large area.

ALDER	Black alder
ARBORVITAE	
ASH	Green ash (<u>Fraxinus pennsylvanica</u>)
ANDROMEDA	(<u>Pieris japonica</u>)
AZALEA	Red Ruffle - Fashion - Cornell Pink - (<u>Rhododendron simsii</u>) - Coral Belle - Pine Ruffle - Judge Solomon - George Tabor - Formosa - President Clay - Snow - Daphne Salmon - King's White - Macrantha - Hind - Hampton - Christmas Cheer - White Cumpc
BARBERRY	Japanese barberry
BEECH	American beech - European beech
BIRCH	River birch - Sweet birch - European white birch (<u>Betula pendula</u>)
BUCKEYE	Ohio buckeye
BUCKTHORN	(<u>Rhamnus frangula</u>)
BOXWOOD	Richard's boxwood - Creole boxwood - (<u>Buxus spp.</u>)
CAMELLIA	(<u>Camellia japonica</u>) - (<u>Camellia sasanqua</u>)
CATALPA	(<u>Catalpa bignonioides</u>)
CEDAR	Red cedar (<u>Juniperus virginiana</u>)
CHESTNUT	Bartlett chestnut
CHINESE MAGNOLIA	(<u>Magnolia sinensis</u>)
CLEYERA	
COLEUS	(<u>Coleus</u>) Var. Red Velvet
COTONEASTERS	Jorgle (<u>Cotoneaster dommeri</u>) - (<u>Cotoneaster apiculatus</u>)
CRAPEMYRTLE	(<u>Lagerstroemia indica</u>)
DOGWOOD	Flowering dogwood
ELM	Siberian elm (<u>Ulmus pumila</u>) - Slippery elm (<u>Ulmus rubra</u>) - American elm (<u>Ulmus americana</u>) - (<u>Ulmus parvifolia</u>) - Sappora Gold Hybrid - Chinese elm
EUONYMUS	(<u>Euonymus fortunei</u>) - Evergreen euonymus - (<u>Euonymus japonica</u>) - (<u>Euonymus vegeta</u>)
FERN	
FIR	(<u>Abies sp.</u>) Balsam Fir - Douglas Fir - True Fir - Noble Fir - Grand Fir - White Fir - Chester Fir
GARDENIA	Radicans - Mystery - August Beauty
HACKBERRY	(<u>Celtis occidentalis</u>)
HEARTNUT	
HEMLOCK	Eastern Hemlock
HONEYSUCKLE	
HONEY LOCUST	
HOLLY	(<u>Ilex crenata</u>) var. <u>convexa</u> - (<u>Ilex crenata</u>) var. <u>Burfordii</u> - (<u>Ilex rotunda</u>) - (<u>Ilex compacta</u>) - Yucca - (<u>Ilex crenata</u>) var. <u>Helleri</u> - Blue angel (<u>Ilex meserioides</u>)
HOPHORNBEAM	Eastern hophornbeam
HORNBEAM	American hornbeam
HOSTA	variegated hosta

HORSECHESTNUT Red horsechestnut
 IRIS Study in Black - Frontier - Marshall
 IVY English Ivy
 JUNE BERRY (Amelanchier)
 JUNIPER Blue rug (Juniperus horizontalis) - Torulosa - Variegated Prostrata - Hill's
 Blue - (Juniperus chinensis) "Pfitzeriana" - (Juniperus chinensis) "Hetzi"

KENTUCKY COFFEETREE
 LARCH
 LILAC (Syringe) C.V. French Hybrid lilac
 LIRIOPE
 MAGNOLIA (Magnolia grandiflora) - (Fucata magnolia)
 MAOLE
 Amur maole
 MAPLE Hedge maple - Japanese maple - Red maple - Silver maple - Striped
 maple - Tartarian maple

MONKEY GRASS
 MARIGOLD (Gold Galore)
 MOUNTAIN ASH European mountain ash
 MULBERRY White mulberry
 MYRTLE Blue myrtle
 OAK Post oak - White oak - Pin oak (Quercus palustris) - Northern red oak
 (Quercus rubra) - Shumard red oak (Quercus shumardii)
 Windmill palm

PALM
 PACHYSANDRA
 PEONY
 PFITZERAMA (Juniperus chinensis)
 POPLAR White poplar (Populus alba) - Cottonwood (Populus deltoides)
 PINE White pine (Pinus strobus) - Scotch pine (Pinus sylvestris) - Dwarf red
 pine (Pinus resinosa) - Japanese black pine (Pinus thunbergiana) -
 Japanese white pine (Pinus parviflora) - Eastern White Pine (Pinus
 strobus) - Jack pine (Pinus banksiana) - Red pine (Pinus resinosa) -
 Mugho Pine (Pinus mugo mugo) - Loblolly Pine Seedlings - Pitch Pine -
 Bristlecone Pine - Sugar Pine - Umbrella Pine
 Green Pittosporum - Variegated Pittosporum
 London Planetree
 California privet (Ligustrum ovalifolium) - Common privet (Ligustrum
 vulgare) -
 Fiery Thorn - Everlasting Thorn (Pyracantha coccinea)
 Japanese quince
 (Cercis canadensis)
 (Rhododendron) var. Azalea mollis - Nova embla (Rhododendron
 catawbiense) - (Rhododendron) var. Snowball
 (Rosa) var. Confidence - Zorina - Nugget
 Downy Serviceberry
 Blue Spruce (Picea pungens) - Norway Spruce (Picea abies) - White
 Spruce (Picea glauca) - Alberta Spruce (Picea albertiana) - (Picea
 engelmannii)
 (Liquidambar styraciflua)
 American sycamore

SWEETGUM
 SYCAMORE
 TAMARACK

(07?)

TAXUS	(<u>Taxus media</u>) var. Hicksii
TUPELO	Black Tupelo
TULIPTREE	
VIBURNUM	Viburnum spp.
WALNUT	Black Walnut
WILLOW	Laurel willow (<u>Salix pentandra</u>) - Black willow (<u>Salix nigra</u>) - Golden willow
WITCHHAZEL	

- Southern Pine Beetle Control in Ornamental Pine Trees -

Do not use this chemical in Bastrop and Burleson counties, without first consulting with endangered species personnel of Texas Parks and Wildlife Service (telephone 817-334-2961) to ensure adequate safeguards for the endangered Houston toad. Do not use within 1/2 mile of known red-cockaded woodpecker colonies. Apply spray to individual trees using hand or power operated ground application equipment.

Treatment of pines with this product will reduce mortality caused by the southern pine beetle. PESTROY may be used either to prevent southern pine beetle attack (preventive treatment) or to control beetles already established in trees (remedial treatment).

PREVENTIVE TREATMENT: Prepare a 2% solution by diluting 5 fluid ounces of PESTROY with sufficient water to make one gallon of finished spray solution (or 4.25 gallons of PESTROY per 100 gallons of finished spray solution). Apply the solution to the tree trunk from ground level up to the first limbs in early spring or anytime trees are threatened with beetle attack from nearby infested trees. Apply to point of runoff. Repeat at intervals of 90 days during the summer and early fall or as long as the threat of attack exists.

REMEDIAL TREATMENT: Prepare a 1% solution by diluting 2.50 fluid ounces with sufficient water to make one gallon of finished spray solution (or 2.12 gallons of PESTROY per 100 gallons of finished spray solution). Apply the mixture to the infested portion of the tree or to all sides of logs and limbs cut from such trees after beetle attack has occurred but prior to beetle emergence. Apply to the point of runoff.

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.



1217 W. 12TH STREET
P.O. BOX 4090
KANSAS CITY, MO 64101

June 29, 1993

Document Processing Desk (LIP)
Office of Pesticide Programs (H7504C)
US Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460

Attention: Rob Forrest
Product Management Team 14

Subject: Notifications for Revised Labeling according to Pesticide Regulation (PR) Notice 93-3.

Dear Mr. Forrest:

We are submitting notifications for revised labeling to comply with Pesticide Regulation (PR) Notice 93-3, Labeling Statement Prohibiting Application to Water. Two product registrations have been revised:

<u>EPA Reg. No.</u>	<u>Product Name</u>
2217-714	Pestroy 4EC Broad Spectrum Insecticide
2217-715	Pestroy 8EC Broad Spectrum Insecticide

Enclosed for each of the products shown above are the following:

- Three copies of revised labeling.
- Application for Pesticide Amendment (EPA Form 8570-1).

If you have any questions, please call me at 816/421-4070.

Sincerely,



James A. Armbruster, Ph.D.
Manager, Regulatory Services

JAA/slh