Please read instructions	on reverse before completing fo	<u>rm</u>	Form Appr	oved, OMB No	. 2070-0060	<u>. </u>
\$EPA	United Environmental Pro Washington,	tection Age	ncy		tration ndment	OPP Identifier Number 282799
	Арр	lication for l	Pesticide - Sect	tion I		
1. Company/Product Nun	nber 4691–163		2. EPA Product Mana George LaRo	•	3. Pro	posed Classification
4. Company/Product (Na	ne) Annihilator WP		I L (A) &	ar e e e	New York	
Boehringer Inc 15th & Oak Str Elwood, KS 66	Applicant (Include ZIP Code) gelheim Vetmedica, I reats, PO Box 338 5024 this is a new address	nc.	(b)(i), my product i	s similar or id	lentical in col	FIFRA Section 3(c)(3) mposition and labeling
		Sec	tion - II	TT TO	s. 1	
Amendment - Exp	esponse to Agency letter dated		Agency lett	Application.	onse to	OTHICATION OF 18 2000
	tional page(s) if necessary. (Fo				. 1	
		Sec	tion - III	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		· .
1. Material This Product	Will Be Packaged In:					
Child-Resistant Packagin Yes* No	Yes No		Soluble Packaging Yes No	2. Тур	Metal Plastic Glass Paper	
* Certification must be submitted		per If "Yes ntainer Packs	s" No. per ge wgt container I		Other (S	pecify)
3. Location of Net Conte	nts Information 4. Si Container	ze(s) Retail Contai	ner	On L		panying product
6. Manner in Which Labe	is Affixed to Product	Lithograph Paper glued Stenciled	Other			
		Sect	tion - IV			t (t t t
1. Contact Point (Compl	ete items directly below for ide	ntification of indiv	idual to be contacted,	if necessary, t	o process this	application.)
Name Angela Bis	shop		gulatory Speci toparasiticide		1	No. (Include Area Code)
	atements I have made on this f t any knowingly false or mislea	ertification orm and all attack	ments thereto are true	, accurate and	complete.	6. Data Application Received (Stamped)
2. Signature Ingelo	Bishop		Regulatory Spe Ectoparasitici		I,	
4. Typed Name (/ Angela Bis	shop	5. Date	October 9, 200)2		



Boehringer Ingelheim Vetmedica, Inc.

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504-C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

October 9, 2002

OPP Identifier Number: 282799

Product Name: Annihilator WP

EPA Reg. No. 4691-163

Re: Response to PR Notices 98-9 and 2001-6.

Angela Bishop Telephone 913-380-3112

Telefax 913-380-3122

15th & Oak Street/P.O. Box 338 Elwood, Kansas 66024-0338 Telephone (913) 380-3000 Telefax (913) 380-3122 Toll Free 1-800-821-7467

Please find enclosed two copies of the subject product's label. I have marked the changes in red on the first copy. I have highlighted the changes on the second copy.

Dated: October 9, 2002

If you have any questions or need further clarification, please do not hesitate to contact me at 913-380-3112.

Kind Regards,

Angela Bishop

Regulatory Specialist II, Ectoparasiticides

ngela Bishop

Enclosures



Annihilator WP

Wettable Ponder Premise Inserticide

For use by individuals/firms licensed or registered by the state to ide prodi دو ولجود

- For industrial control of unjoy main
- Controls summerous posts in and around unoccupied poultry house bases stalls, cuttle barns, and swine said other livestock buildings
- for use in non-food/non-feed areas of food/feed processing pi

dismethris: (a)-cysmo-3-phenoxybenzyl-(1R,3E)-3-(2,2-dihensoviens)-2,2-dimethylcyclopropusecarboxylste 5.00% Ingredients 95.00%

Keep Out of Reach of Children CAUTION

Bookringer Ingelheim Vetraedica, Inc. St. Joseph, Missouri 64506-2002 U.S.A. (800) 621-7462



PRECAUTIONARY STATEMENTS CAUTION

Adults, children and pers should not control treated markets until spray has dried. Do not trace pers with this product, Batturs spraying, restone pers, cover squarks and term off sit pump, Do not applywhere also-trical short aircraft could desture, Do not unphywhere also-trical short aircraft could desture, Do not une indices or a papice spray or in fogging equipment, it is recom-mendated that type protection be wern when making

THE AND *Hold eye open and rings blooky and gently with water for 15-20 minutes. *Homore contact lances, if present, wher the first 5 minutes, then consists rinning

the first 8 minutes, visit to you.

**Call a poison commit center or doctor for tragement statute.

**HOT TIME HUMBER

**TO TIME HUMBER

*

Environmental Hazzirds
is product in entranely twic to fish and other operorganisms. Do not apply directly to week, to area
sees autical water in present or to instraint area
down the mean high wear more. Use with care when
spiring in areas adjustant to any heary of water. Do not
commons weare when deposing of equipment
sels waters. Remove pees and cover aquarisms and
revisions haloes agenged. Physical & Chemical Hazards
not use ween based groups of Archiblecty WP in
apiles, must breating, inscitor house, or other decset equipment because of specific shock hazard.

THERETYPHINGS END SECT.

DIRECTIONS FOR USE

m of fotorel law so so minus twick its loads

See inside leaflet for mixing and application ins STORAGE & DISPOSAL

of simposes.

Blamage (Mic ex wooded). Do not store diluted mon-rial. Stare in ariginal contributer in secured dry stor-oge arms, Primery cross-contributionists with pro-paralisides and fertilizers. If the observer is losking and the contribution of the contribution in the money up and masters in cleanlost vessor area.

alone causes no damage. To ensure against possible damage to delicate meterial, test a smail inconspicuous area before treatment.

MIDGERS

Handling Precedence: Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, eye protection and chemically resistant gloves, a long-sleeved shirt and long-legged pants or coverells are recommended. To avoid breathing spray miss during application in confined areas, wear a mask or respirator of a type recommended by NIOSH for filtering spray mists.

thest pers with this product. Before spraying, remove pest, over equaris and turn off air pump. Do not apply where electrical short circuits could occur. Oo not use indoors as a space spray or in fogging equipment, It is recommended that eye protection be worn when making applications overhead.

Treatment Sites: When used in accordance with label directions, Annihilator WP may be sppfied in and around non-residential buildings and structure. This product can be applied to walls, floors, ceilings, in and around cabinets, between, behind and beneath equipment and appliances, around floor drains, window and door frames, and around plumbing, sinks and other possible pest herborage sites. Permitted areas of use include, but are not limited to, the non-food/non-feed areas of:

Second Information: Annihilator WP is a wettable powder insecticide containing 5.0% by
weight active ingredient which will provide effective knockdown and long residual control
un to 90 days of stable files and up to 28 days of house files in and around non-residential
buildings and structures and on various modes of transport.
and the second s

Annihilator WP is intended to be mixed with water and applied indoors as cruck and cravics, spot and broadcast treatments with pressurized sprayers or other equipment suitable for applying insecticides to localized areas. To minimize airborne particles, spray pressure should not exceed 30 psi at the nozzle tip.

Adults, children and pats should not contact treated surfaces until spray has dried. Do not

Pests	Concentration of Active Ingredient	Dilution Rate Per Gallon of Final Spray
ants, base, contipedes, cockroeches (maintenance rate), files (including such files es stable, house, chaster and horse files), frebrats, griess, horners, killer bees, midges, mosquitoes, silverfish, yellow jackets, wasps	0.03% w/w	1 scoop
bedbugs, carpet bastiss, cockroaches (clean out rate), crickets, fleas, lice, pillbugs, scorpions, sowbugs, spiders, ticks	0.08% w/w	2 500005
carpenter ants	0.03% w/w	1 scoop

This product may be applied as crack and crevice, spot, general surface and broadcast treatments. Treat where pests are found or normally occur.

Crack and Cryvice Applications: Use a low pressure system with a pinpoint or variable pattern nozzie to apply the spray mixture to areas such as floors, cracks and crevices in and around baseboards, walls, expansion joints, areas around weter and sewer pipes, and voids formed by equipment or appliances.

Spet and Brusdeast Applications: Use a low pressure system with fan-type nozzle to uniformly apply apot treatments between, beneath and behind equipment or appliances.

Premise Pest Control: Apply as a coarse, low pressure spot or crack and crevice spray to areas that pasts normally inhabit. Pay particular attention to dark corners of rooms and closets; floor draws; cracks and crevices in walls; along and behind baseboards; around plumbing and other utility installations, doors, windows and in artics and crawl spaces. Applications may be made to floor surfaces along beselvards and around air ducts.

Replace with: To avoid breathing spray mist during application in confined ureas, wear a dust/mist filtering respirator (MSHA/NICSH approval number prefix TC-2/C), or a NIOSH approved

buses
food manufacturing.
processing and
servicing establishments
werehouses
Inhormatics
Industrial buildings

Inhoratories

and installations

Treatments may be applied at 21-day intervals or as necessary to maintain adequate control Mixing instructions: Annihilator WP is intended to be mixed with water and applied with hand pressurted or power operated sprayers as a coarse spray. When diluting, add water to the spray tank and the appropriate amount of Annihilator WR Thoroughly agilate the sprayer before using to insure proper suspension of the wetable powder. Re-invert sprayer before use if apraying is interrupted. If apray screens are used, they should be 50 mesh or larger. Bibute Amilificate WP breesticide only with water.

Decree Chart: This product is intended for dilution prior to applications as directed in the folwing table. Use the scoop provided for measuring from the jac Each level scooping contains 0.8 oz Annihilator WP.

Tank Mikiley, Unless probibited by a product's label, users at their own discretion can tankmix posticides such as insent growth regulators currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water to run to check for physical compatibility prior to tank-mixing.

Replace with: Posticide Disposal: Call your local solid waste agency 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or october drain. Container Disposal: Do not reuse this container. Place in trash or offer for recycling if available.

Pet Kennets: For residual control of crawling and flying insects in and around these struc-tures, apply as a general surface end/or crack and graying spray. Optimal position resists if facilities to be treated are clean and if the acturior perimeter in concurrently treated with Amilhilator WP. Apply only to areas of facility where animals are not present. Allows spray to dry before ellowing re-entry of animals into treated appear. Do not apply the Ending field or

FOOD/FEED HANDLING ESTABLISHMENTS

Do not use in food/feed areas of food/feed handling establishments, restaurant, or other arms: where food/feed is commercially prepared or processed. Do not use in serving creas white food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excitating areas where foods may be prevened or held. Do not use in Federally Inspected Meet and Poultry Plants.

NON-FOOD/NON-FEED AREAS: Annihilator WP may be applied as a general, spot or crack and crewice treatment in non-food/non-feed areas. Non-food/non-feed establishment areas are areas such as gerbage rooms, lawtories, floor drains (to sewers), entries and yestibules, offices, locker rooms, machine rooms, boiler rooms, map cicesta and storage (after packaging, caming or bottling). All areas that insects inhabit or through which insects may enter should be treated.

INDOOR PESTS CONTROLLED BY ANNIHILATOR WP

Ants 19 Restina Brown dog ticks * Centipades Cockmaches *

Crickets Frebrets

and other insect pests

(American), (Asien), (brown-banded), (Berman),

(oriental), (smoky brown) imbers refer to "Specific Indoor use Directions".

- 1. Ants may be controlled by treating ant trails and wherever else these pests may find strance; for example, around doors and windows
- 2. For control of brown dog ticks, thoroughly apply the spray to infested areas, such as cracks and cravices, along baseboards, windows and door frames, and areas of floor and floor coverings where these pests may be present. Non-carpeted flooring should only be treated with spot applications as necessary. Spots are defined as areas not exceeding two square feet. Use a 0.06% spray at the rate of 1 gallon of diluted spray per 1600 square feet. Do not treat gets with this product. Adults, children and pets should not contact treated surfaces until spray has dried.
- 3. Cocimaches can be controlled by making crack and crevice, spot or general surface treatments. Treat where insects are found or normally occur including, but not fimited to, Boors, cracks and creyices in wells, along and behind baseboards; around plumbing, floor drains and other utility installations; and beneath and behind sinks, cabinets or other fixtures.
- 4. To control fleas, thoroughly apply a fine-particle spray to infested areas. An insect growth regulator may be added to achieve extended control of developing flea larvae and pupas. Non-carpeted flooring should only be treated with spot applications as necessary. Spots are defined as areas not to exceed two square fact.

Treated areas should be vacated during application, except for the applicator. Cover aquaris and fish bowls and remove other pets. Adults, children and pets should not contact treated surfaces until spray has dried. Old bedding should be replaced or thoroughly weshed. Do not treat pets with this product. To control the source of flee infestations, pets inhabiting the treated premises should be treated with a flee control product registered for appli-

QUITDOORS

Annihilator WP is intended to be mixed with water and applied outdoors with pressurized sprayers as a general surface spray. The active ingredient in this product will provide effective residual control of pests listed on this label.

Concentration of Spray Mixture		Amount of Annihilator WP (ounce)	Amount of water (gal)		
H igh Conc.	0.03% 0.06%	0.80 1.60	1	low wol	
Low Conc.	0.003% 0.006%	0.80 4.00 8.00 1.60 8.00 16.00	10 50 100 10 50	high volume	

This product may be applied outdoors as a general surface spray. Treat where pests are found

Low Volume Directed Sprays: Application of low volume, high concentration (0.03 - 0.06%). sprays can quickly reduce localized heavy pest infestations on outside surfaces. Use a low pressure system with a pinpoint or variable pattern nozzle, such as a hand pump sprayer or backpack sprayer, and apply the spray moture to specific areas such as cracks and cravices along welkways, patios, windows and door frames or other areas where insects may congragate or can gain entrance to the structure.

High Volume Broadcast Spraye: Application of high volume, low concentration (0.003 -0.006%) sprays, such as with power spraying equipment, can help prevent infestations of buildings by reducing pasts in outdoor areas. Longer residual is achieved at the higher retea (about 0.006%). This type of treatment provides more thorough coverage over large areas than (about 0.00%). This type of creatment provides infor blooding coverage over large areas than low volume directed sprays. Treat by applying spray moture directly to areas such as flower beds, junctions of soil and structural walls, under shrubs along base of fences and under

4. Scorpiose may be controlled by removing accumulations of lumber, firewood and other materials serving as harborage sites. Before stacking firewood or lumber, apply Annihilator WP as a localized spray to surfaces immediately below such materials. Do not treet firewood directly. Broadcast sprays outdoors may assist in reducing pests migrating from surrounding areas

FOR CONTROL OF WOOD-INFESTING INSECTS

Annihilator WP is intended to be mixed with water and applied as a general surface or local-ized injection treatment with pressurized sprayers or other equipment suitable for applying insecticides to localized eress.

Hamilting Procedures. Contact with treated surfaces should be avoided until spray has dried. Cover or remove exposed foods before treatment. Before spraying, remove pets, cover aquaris and turn off air pump. So not apply where electrical short circuits could occur.

Treatment Sites: Which used in accordance with label directions, Annihilator WP can be applied to residentia, and rop-residential buildings and structures for control of wood-infest-ing insects. Permitted areas of use include but are not limited to: crawl spaces, gaps between iden members, juncti: its between wood and tourif stion, voids and channels in demaged wood, wall voids and wood surfaces.

Mbdag fastractions: 7c กามราว 5.03% water-based รทหพ, mix 0.8 ounces (1 scoop) of Annihi-lator WP per gallon of spray mbbure. To mete a 0,76% water-based spray, mix 1.6 ounces (2 scoops) of Amshilator WP per gallon of spray. This was water by the state of the spray tank and the appropriate strongs of Amshilator WP. Thoroughly agitate the sprayer before using to insure proper suspension of the weulaule powder. Re-invert sprayer before use if spraying is interrupted, if spray screens are exed, if r, should be 50 mesh or larger. Dilete Assistator WP imparticular, and uniform services and a spray of the er WP insecticide only with y

Desage Rates: Application: of 0.03% to 0.06% Annihilator WP can be made depending on pest species and method of application. Expect increased residuel control of higher rates. See "Specific Use Directions For Control of Wood-Infesting Insects" for additional information.

Hamilting Procedures for General Use Outdeers: Do not allow adults, children or pets on treated surfaces until apray has dried. Keep out of fish pools or other bodies of water. Do not weevegetable gardens. Do not allow livestock to graze in treated areas.

Treatment Situs: When used in accordance with label directions, Annihilator WP may be applied to and around outside surfaces of residential and non-residential buildings and structures. Permitted areas of use include, but are not limited to:

Crawl Spaces Fences Decks Foundations Walkways Garages Walls Eaves Lowers

Window and door frame: tractions: Annihilator WP is intended to be mixed with weter and applied with hand pressurged or power operated sprayers as a coarse spray. When diluting, add, water to the pray tank and the appropriate amount of Annihilator WP. Thoroughly agingts the sprayer before using. Re-invert sprayer before use if spraying is interrupted. If spray screens are used, they should be 50 mesh or larger, Dillate Asmibilator WP Insecticide only with wrater.

Desage Chart: This product is intended for dilution prior to application as directed in the following table. Use the scoop provided for measuring from the jar. Each level scoopful contains 0.8 oz Annibilator WP.

Teak Miticing: Unless prohibited by a product's label, users at their own discretion, can tankmix posticides, such as interest growth regulators, currently labeled for similar use patterns. It is always recommended that a small jer compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank-mixing.

saves. Apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 square feet. Thoroughly and uniformly were the treated area, Use sufficient amount of spray dilution to cover the area to the point of websexs but avoid applying to the point of runoff.

Outdoor Posts Controlled by Annihilator WP

Cockreaches Fire ants Scorpions * Ante Sees ⁽¹⁾ (American) Sawbugs (Agian) Soiders Flies a Reedex Hornets ** Carpenter ants (brown-bans Ticks Midges ** Wasps ** (oriented) Mosquines Yellow Jackets ** (smoky brown) Moths and other cuttions Crickets Pilibugs insacts

Numbers refer to "Specific Outdoor Use Directions".

elle Outdoor Lien Directie

1. Wesps, Hornets, Yellow Jackets & Boos -

Application should be made late in the evening when insects are at rest. Aim spray at nest openings in ground, bushes, in cracks and cravices and under attic rafters which may har-bor nests, Saturate nest and contact as many insects as possible.

- Fire set mounds may be controlled by applying Annihilator WP as a drench. Oilute 1.6 oz per 2 gallons of water. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2 foot diameter. For best results, apply in cool weather, 65 to 80° F, or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ente and cause migration, reducing prod-
- 3. Files, midges and mosquitoes may be controlled by spraying outside surfaces of doors, screens, window frames, or wherever these insects may enter the room. Also, soray surfaces around light flutures on porches, in garages and other places where these insects alight or congregate.

Tank Mitches Unless prohibited by a product's label, users at their own discretion can tank-mix pasticides such as insect growth regulators currently labeled for similar use patterns. It is always recommended that a small [ar compatibility tass using proper proportions of chemicals and water be run to check for physical compatibility prior to tank-mixing.

طمخنطلا معاند

This product may be applied either as a coarse spray or by brushing onto targeted surfaces. This product may be apprete ermer as a course spray or by cruzzing onto targette surraces. Equipment capable of delivering a course, low pressure (about 20 µzi) spray is recommended for treatment of large or overhead areas, inaccessible areas such as well wide can be treated by injecting the spray mixture under low pressure (about 20 ps) through drilled openings. Use sufficient amount of spray dilution to cover the area to the point of wetness but avoid analying to the point of runoff.

applying to the point at the control of the control st be securely plugged. Inspect at 6 months and 1 year to insure that the colony has been killed. Retreat if needed.

Overheed Areas: It is recommended that, when spraying overhead areas, care should be taken to avoid dripping or runoff from contacting applicator.

Wood-Infecting Insects Controlled by Assibilistor WP

Bestles **

(Anobiidae), (Bostrichidae), (Carambycidae), (Lyctidee) Carpentar ants and other wood-infesting ants

Carpenter bees

umbers refer to "Specific Use Direction for Control of Wood-Infesting Insects".

Specific Use Directions for Control of Wood-Infesting Insec

t. Beetles may be controlled by applying spray mixture to infested areas, or areas where

infestations are likely to occur. This includes but is not limited to wood surfaces, voids and channels in damaged wood, spaces between wooden members of a structure and junctions between wood and foundations. Apply to wetness but avoid runoff,

2. Weed-infesting auto may be controlled by applying spray mixture around doors and windows, cracks or cravices, or other areas where ante may enter, cravel or hide.

Primary colonies are typically found outside through an exercior inspection. Correction of sanitation and structural deficiencies or landscape modifications may be necessary for effective control.

WARRANTY AND UMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Setter makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Marchantability, and no agent of Setler is authorized to do so except in writing and with specific reference to this warranty, in no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.