

PM.3

4691-136

5/1/98

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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
262537

Application for Pesticide - Section I

1. Company/Product Number 4691-136	2. EPA Product Manager G. LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Livestock, Poultry & Premise Insecticide Spray Ravap E.C.	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Highway St. Joseph, Missouri 64506-2002 <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 _____	NOTIFICATION MAY - 1 1998
<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 to modify ingredients statement to substitute common name and CAS # for chemical name (PR Notice 97-5). Use of term "Inert" replaced with "Other" (PR Notice 97-6).

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
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
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"/>	
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 Karen A. Vasquez	Title Regulatory Affairs Manager, Ectoparasiticides	Telephone No. (Include Area Code) 816-390-0591
2. Signature 		6. Date Application Received (Stamped)
3. Title Regulatory Affairs Manager, Ectoparasiticides		
4. Typed Name Karen A. Vasquez		5. Date April 15, 1998

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Ravap[®] E.C.

*Livestock,
Poultry
& Premise
Insecticide
Spray*

NET CONTENTS
1 U.S. Gallon
(3.785 Liters)

Store above 32° F
Do not store above 120° F
for extended period of time.

Read entire label before each use.

Code 657-531 5/50.1 00 9/11

RECOMMENDED FOR AGRICULTURAL / COMMERCIAL USE ONLY.
NOT FOR SALE FOR ANY OTHER USES.

Contains RABON[®] and VAPONA[™] Insecticides

<i>Active Ingredients</i>	By Weight
Tetrachlorvinphos (CAS# 22248-79-9)	23.0% *
Dichlorvos (CAS# 62-73-7)	5.3% **
Related Compounds	0.4% **
Other Ingredients	71.3% ***
Total	100.0%

* RABON Insecticide
** Equivalent to 5.7% W VAPONA Insecticide
*** Other ingredients include Xylene
This product contains the toxic inert ingredient phenol.



**Boehringer
Ingelheim**

**Keep Out of Reach of Children
DANGER**

See back panel for
additional precautionary statements



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Kennel Use Directions

Use	Insect	Dilution-Ravap In Water	Remarks
Residual Surface Spray - Kennels	Ticks, Fleas	1 gal. in 50 gal. or 5 oz. in 2 gal.	Apply 1 gal. of dilution/500-1000 sq. ft. Thoroughly treat infested kennel and outside runways.

Precautionary Statements

Hazards to Humans and Domestic Animals

Danger

Corrosive, causes eye damage, causes skin irritation. Do not get in eyes (including animals), on skin or on clothing. Wear goggles or face shield and chemical resistant gloves and shoes, long-sleeved shirt, pants and socks when handling. This product may cause skin sensitization in certain individuals.

Harmful if inhaled. Avoid breathing spray mist.

Harmful or fatal if swallowed. Wash thoroughly after using and before smoking or eating. Avoid contamination of food.

Statement of Practical Treatment

If swallowed - Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if necessary.

If on skin - Remove contaminated clothing and wash skin immediately with soap and water.

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

Note to physician - If signs of cholinesterase inhibition are observed, atropine by injection is antidotal and may be administered in conjunction with 2-PAM (Pralidoxime Chloride). Product may cause aspiration pneumonia. Gastric lavage may be indicated if product was taken internally.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Drift and runoff may be hazardous to aquatic organisms in adjacent areas. 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.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame. Do not use with thermal foggers or heat-generating devices.

Storage and Disposal

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

Pesticide Storage - Store in original container only. Store at temperatures above 32°F. Do not store above 120°F for an extended period of time. Do not store diluted product.

Pesticide Disposal - Pesticide wastes are acutely toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. 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 - Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved State and local procedures.

Notice of Warranty

Boehringer Ingelheim Animal Health, Inc., makes no warranty of merchantability, fitness for any particular purpose, or otherwise, expressed or implied concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

Boehringer Ingelheim Animal Health, Inc.

St. Joseph, Missouri 64506 USA

(800) 821-7467

EPA Reg. No. 4691-135

EPA Est. No. 44616-MO-1

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RAVAP® E.C.

Livestock, Poultry & Premise Insecticide Spray

RECOMMENDED FOR AGRICULTURAL/COMMERCIAL USE ONLY
NOT FOR SALE FOR ANY OTHER USES.

Contains RABON® and VAPONA® Insecticides

ACTIVE INGREDIENTS	By Weight
Tetrachlorvinphos (CAS# 22248-79-9)	23.0%*
Dichlorvos (CAS# 82-73-7)	5.3%**
Related Compounds	0.4%**
OTHER INGREDIENTS	71.3%***
TOTAL	100.0%

*RABON insecticide
**Equivalent to 5.7% W VAPONA insecticide
***Other ingredients include Xylene
This product contains the toxic inert ingredient phenol.

Directions for Use – Read the entire label prior to use.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For Agricultural/Commercial Use Only. This product is suitable for use in conventional power or low pressure knapsack sprayers and in livestock backrubbers. Follow the Use Directions for the proper dilution needed for specific insect control. Must be diluted in water except for backrubber use.

Boehringer Ingelheim Animal Health, Inc. EPA Reg. No. 4691-136
St. Joseph, Missouri 64506 USA EPA Est. No. 44616-MO-1
(800) 821-7467

Livestock Use Directions: Do not make direct application to livestock more frequently than once per day.

Use	Insect	Dilution • Ravap In Water	Remarks
Livestock Spray (Beef Cattle)	Horn Flies, Lice, including Tail Lice, and aids in control of Face Flies	1 gal. in 75 gal. or 5 oz. in 3 gal.	Dilute in water as indicated and spray directly on the animal only to the point of runoff. Use between 1/2 to 1 gallon of diluted spray solution per animal depending on size and hair coat. Do not treat more often than every 10 days. Do not apply to calves under six months of age. Brahman and Brahman-cross cattle should not be treated as they may show hypersensitivity to organophosphate pesticides. Do not apply in combination with other dermal organophosphate pesticides (e.g. trichlorfon). There is no withholding period from last application to slaughter.
	Horn Flies, Lone Star Ticks	1 gal. in 200 gal. or 2 oz. in 3 gal.	Apply as above. For severe tick infestations, dilution may be increased to 1 gallon in 50 gallons water.
Livestock Spray (Lactating Dairy Cattle)	Horn Flies, Lice, Lone Star Ticks, and aids in control of Face Flies	1 gal. in 200 gal. or 2 oz. in 3 gal.	Dilute in water as indicated. Direct spray to cover thoroughly with up to 1/2 gallon of the dilution per animal. Repeat as necessary. Do not apply to calves under six months of age. No milk discard is required. Care should be taken that the spray does not come in direct contact with the lactating dairy cow's teats unless they are washed with an approved cleansing solution and dried before milking. Apply the spray at least 20 minutes prior to milking or after milking has been completed.

Backrubber Use Directions

Use	Insect	Dilution • Ravap In Oil	Remarks
Backrubber or Facerubber (Beef and Dairy Cattle)	Horn Flies, and aids in control of Face Flies	1 gal. in 25 gal. or 5 oz. in 1 gal.	Mix with any approved backrubber base oil. Pour diluted solution into oil reservoir of mechanical rubbing devices or pour one gallon per 20 linear feet on burlap or rope backrubbers. Keep backrubber or facerubber charged.

Poultry Use Directions

Use	Insect	Dilution • Ravap In Water	Remarks
Caged Chickens	Lice & Mites	1 gal. in 50 gal. or 5 oz. in 2 gal.	Apply 1 gal. of dilution/100 birds under high pressure (no less than 100-125 psi) to the vent and fluff areas from below. Repeat when necessary, however, not more often than every 14 days. For individual bird treatment, apply 1 ounce of dilution per bird.
Chickens on Litter	Lice & Mites	1 gal. in 50 gal. or 5 oz. in 2 gal.	Apply 1-2 gal. of dilution/1000 sq. ft. evenly with penetration of litter surface. Also apply thoroughly to walls, roosts, cracks and crevices. Spray birds as above. Treat roosters carefully to avoid reinfestation of breeding flocks.
Roost Paint	Lice & Mites	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 pt. of dilution/100 ft. of roost area with brush or spray.
Poultry Buildings	Fowl Tick (Blue Bug)	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gal. of dilution/100-150 sq. ft. to thoroughly cover walls, ceilings, floors, cracks and crevices using high pressure spray.

Premise Use Directions for Poultry and Livestock Facilities

Use	Insect	Dilution • Ravap In Water	Remarks
Residual Surface Spray	Flies, Gnats, Litter Beetles, Mosquitoes, Spiders, Wasps	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gallon of dilution/500-1000 sq. ft. Thoroughly cover walls, ceilings or other areas where pests rest or congregate in dairy barns, horse barns, poultry houses, swine buildings, livestock sheds and other farm buildings. Extreme infestations may necessitate increasing the diluted spray to one gallon per 12-1/2 gal. or 10 oz. per 1 gal. of water.
Larvicide	Maggots (fly larvae)	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gal. of dilution/100 sq. ft. of droppings as a coarse spray. Repeat at 7-10 day intervals until droppings begin to cone up, then treat only "hot spots" (small areas found to have large number of maggots). Do not spray manure where runoff to soil or water can occur. Do not spray animals directly with this concentration.