



RESTRICTED USE PESTICIDE:

Due to primary eye and primary dermal toxicity. For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's Certification.



Poultry



Dairy Cattle
(including lactating)



Beef

Ravap™ EC

Livestock, Poultry & Premise Insecticide Spray



Barns & Stables

Kennels

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

NET CONTENTS:
1 Gallon (3.79 Liters)

Keep Out of Reach
of Children

DANGER

See inside booklet for First Aid and
other precautionary statements.

DANGER  **POISON**
PELIGRO

Fatal if swallowed. Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

Contains Rabon™ & Vapona® Insecticide

ACTIVE INGREDIENTS:

Tetrachlorvinphos (CAS# 22248-79-9)	23.0%*
Dichlorvos (CAS# 62-73-7)	5.3%
OTHER INGREDIENTS	71.7%**
Total	100.0%

*RABON Insecticide

**Contains Petroleum Distillates

This product contains the toxic inert ingredient phenol.

EPA Reg.No. 11556-162

EPA Est. No. 264-MO-3



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Bayer HealthCare LLC, Animal Health Division
P.O. Box 390, Shawnee Mission, Kansas 66201, U.S.A.

Bayer and the Bayer Cross are registered trademarks
of Bayer.

Ravap is a trademark of Bayer.

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FIRST AID

If inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 – 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Do not give any liquid to this person.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.

HOTLINE NUMBER

Contains an organophosphate that inhibits cholinesterase.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-422-9874 or CHEMTREC at 1-800-424-9300, 24 hours per day, 7 days per week.

NOTE TO PHYSICIAN

This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. **Contains petroleum distillates.** Product may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

FOR CHEMICAL EMERGENCY. Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER - POISON: Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes (including animals), on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Wear protective eyewear (goggles, face shield, or safety glasses).
- Wear coveralls over long sleeved shirt and long pants, socks, chemical resistant footwear, and chemical resistant gloves (Barrier laminate or Viton, selection category G).
- When mixing, loading, or cleaning equipment wear a chemical resistant apron.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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 cleaning equipment or when disposing of equipment wash waters or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

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

DIRECTIONS FOR USE – Read the entire label prior to use.

RESTRICTED USE PESTICIDE: 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.

Use Restrictions

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not enter or allow others to enter the treated areas until sprays have dried. Must be diluted with water except for backrubber use.

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. trichlorofon). 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 gallon 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 gallons 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 pint 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 gallon of dilution/100-150 sq. ft. to thoroughly cover walls, ceilings, floors, cracks and crevices using high pressure spray.

Premise use Directions for Poultry & 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 gallons or 10 ounces per 1 gallon of water.
Larvicide	Maggots (fly larvae)	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gallon 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.

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 gallon of dilution/500-1000 sq. ft. Thoroughly treat infested kennel and outside runways.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store product in its original container in a cool, dry place in an area that is inaccessible to children and animals.

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: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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& **VAPONA®**
Insecticides

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ANGER POISON

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