

PM 13 2393-382 PS 173

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 17 1991

346 / 325322
17

Mr. J. Allen Dunlap III
HACO, Inc.
P.O. Box 7190
Madison, WI 53707

Dear Mr. Allen:

Subject: Amendment - Revised Labeling
Hopkins Vapona Plus Spray Solution
EPA Registration Number 2393-382
Your Submission Dated April 22, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME	UA						
DATE							

Hopkins[®]

VAPONA PLUS

SPRAY SOLUTION

ACCEPTED

SEP 17 1999

2303-582

FOR USE IN FOGGERS, MIST SPRAYERS AND HAND SPRAYERS

ACTIVE INGREDIENTS:

2,2-Dichlorovinyl dimethyl phosphate*	0.92%
Related compounds*	0.08%
Technical piperonyl butoxide**	0.10%
Pyrethrins	0.01%
INERT INGREDIENTS***:	98.89%
TOTAL	100.00%

*Equivalent to 1.0% of Vapona[®] Insecticide

**Equivalent to 0.08% (Dutylcarbityl) (6-propylpiperonyl) ether and 0.02% related compounds.

***Contains petroleum distillates

STATEMENT OF PRACTICAL TREATMENT
 If Swallowed: Call a physician or Poison Control Center immediately. **DO NOT INDUCE VOMITING.** Vomiting may cause aspiration pneumonia.
 If Inhaled: Remove victim to fresh air. Apply respiration if indicated.
 If On Skin: Wash contaminated skin with soap and water. Launder contaminated clothing in detergent and HOT water before reuse.
 If In Eyes: Flush eyes with plenty of water. Get medical attention immediately.
NOTE TO PHYSICIAN: Empty stomach if material was taken internally. Gastric lavage may be indicated. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL
 Do not contaminate water, food or feed by storage or disposal.
Storage: Do not use or store near heat or open flame. Keep product upright in original container, tightly closed. High temperatures may shorten shelflife of product.
Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: 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.

WARNING

KEEP OUT OF REACH OF CHILDREN

See below for additional precautionary statements.

EPA REG NO 2393-382

EPA EST NO. 2393-IL-3*, 61282-WI-1*, 61282-WI-2*

Superscript refers to first letter of lot number

NET CONTENTS 1 GALLON (3.785 LITERS)

* Registered Trademark of Shell Chemical Co.
 28315

01/91

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed, inhaled, or absorbed through skin or eyes. Rapidly absorbed through skin and eyes. Do not get into eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Do not contaminate feed, water, feedstuffs, milk or milking utensils.

Wear clean natural rubber gloves, protective clothing, and goggles, facemask or equivalent. Wear a pesticide respirator jointly approved by the National Institute for Occupational Safety and Health (NIOSH) or the Mine Safety and Health Administration (MSHA) when applying indoors as a space spray or fog. Wear impervious footwear or protective covers on shoes, boots and other articles made of leather or similar porous materials may be dangerously contaminated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters.

RESTRICTIONS

Do not contaminate water or feedstuffs.
 Do not contaminate milk or milk equipment.
 Do not apply in areas where animals have received direct application of DDT within 8 hours. 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. Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organic phosphates.
 Do not apply to calves under six months of age.

APPLICATIONS

CATTLE (Beef and Dairy): to control Fleas, Houseflies, Stable Flies, Face Flies. Apply 1 to 2 fl. ounces of Hopkins VAPONA PLUS SPRAY SOLUTION per animal as a mist spray daily with hand or automatic spray. Apply spray so as to wet the hair. Cover the animal with spray with particular attention to the back, flanks, legs and shankers. Do not use in excess of 2 ounces per adult animal per day. Apply sparingly (specially less to smaller animals). Do not soak the skin or wet the holes.

FOR FOGGING: Control of Flies, Gnats and Mosquitoes in animal buildings (Horse Barns, Dairy Barns, Shelters). Use 1 pint of Hopkins VAPONA PLUS SPRAY SOLUTION per 5,000 cu. ft. before applying, reduce air movements as much as possible by closing doors, windows, and other openings. Eliminate potential ignition sources such as pilot lights, open flames, sparks, etc. DO NOT re-contaminate water, feed or feedstuffs, milk or milking utensils. DO NOT use the solution for fogging purposes in areas where animals have received direct applications within 8 hours. Do not remain in treated areas and ventilate the area after treatment is complete. Remove animals prior to treatment.

ANIMAL BUILDINGS (Horse Barns, Dairy Barns, Shelter Sheds): MILK SHEEDS, OUTDOOR AREAS to control Flies, Gnats, Mosquitoes, Fleas, Lice, Ants, Sawflies, Brown Dog Tick, Wasps, Fleas, Moths, and other small flying insects, Cockroaches, Spiders, and Silverfish.

VAPONA PLUS SPRAY SOLUTION

EPA REG. NO. 2393-382

Apply Hopline Vapona Plus Insecticide as a coarse wet spray at the rate of 1 pt per 1,000 sq ft for milk sheds, stables, livestock barns, loading sheds, pig pens, and outdoor areas, treat around doorways, feed storage rooms, alleyways, and window sills. DO NOT contaminate milk or milking utensils. For control of fly maggots in maggot breeding areas, apply at the rate of 1 to 2 pts per 100 sq ft.

For cockroaches and silverfish, spray in cracks, crevices and other hiding places. For ants, spray trails and places where ants enter premises. For brown dog ticks and fleas, spray floor areas, cracks, crevices and sleeping quarters of animals. Bedding should be allowed to dry thoroughly before use or replaced with fresh bedding. As many insects as possible should be hit with the spray. Do not use this product on dogs. Use an approved product registered for direct application for dogs.

READY TO USE SOLUTION FOR THE CONTROL OF INSECTS ATTACKING LIVESTOCK:

Face Flies	Hornflies	Stable Flies
Houseflies	Fleas	Ticks
Gnats	Mosquitoes	Wasps

INSECT CONTROL IN:

Horse Barns	Dairy Barns
Shelter Sheds	Milk Sheds
and Outdoor Areas	

IN POULTRY HOUSES, For Fly control: Apply as a coarse wet spray to manure, window sills, outside of penned enclosure and on the floor of feed storage rooms.

FOR OUTDOOR USE: To control Flies, Gnats and Mosquitoes: Use 1 pint per 1,000 sq ft as a coarse wet spray to treat Picnic Grounds, Loading Docks, Outdoor Latrines, Parking Areas, Refuse Areas, around Service Stations, Open-Air Drive-Ins, Outdoor Ice Cream Stands, Garbage Collection and Disposal Areas. Avoid contact with desirable plants as plant injury or loss may occur.

IN TREATING DOG KENNELS, Apply to outside dog runways, window sills and ledges. For control of fleas and brown dog ticks, increase dosage to 1 qt of Hopline VAPONA PLUS SPRAY SOLUTION per 1,000 sq ft. Treat infested areas, baseboards, cracks, walls, doors. DO NOT allow children in treated areas until dry. DO NOT use this product on dogs. Use an approved product registered for direct application to dogs.

NOTICE OF WARRANTY

Manufacturer and Seller make no warranty of merchantability, fitness for any purpose, or otherwise, express or implied, concerning this product or its use, which extend beyond the statements on this label.



MANUFACTURED FOR
HACO, inc.
BOX 7100
MADISON WISCONSIN 53707 U.S.A.