

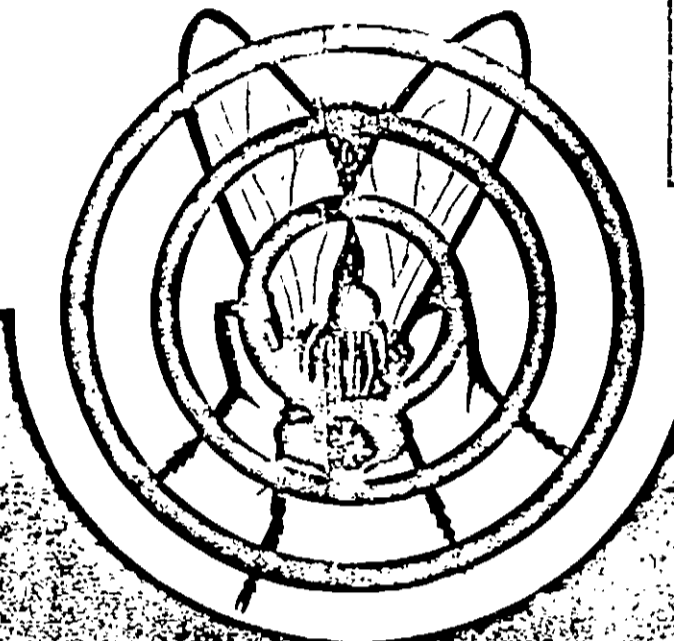
Hopkins

VAPONA® PLUS

SPRAY SOLUTION

FOR USE IN FOGGERS, MIST SPRAYERS
AND HAND SPRAYERS

With comment of
EPA letter dated
AUG. 1972
EPA Reg. No. 2393-382



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.

ACTIVE INGREDIENTS:

2,2-Dichlorovinyl dimethyl phosphate	0.92%
Related compounds	0.08%
Technical piperonyl butoxide	0.10%
Pyrethrins	0.01%
Mineral oil	49.76%
Patroleum hydrocarbons	49.13%
TOTAL	100.00%

Equivalent to 1.0% of Vapona Insecticide

Registered Trademark of Shell Chemical Co.

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

WARNING

KEEP OUT OF REACH OF CHILDREN

See Side panel for additional precautionary statements.

NET CONTENTS

1 GALLON

BEST DOCUMENT AVAILABLE

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 is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

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, foodstuffs, milk or milking utensils.

Wear clean natural rubber gloves, protective clothing, and goggles, faceshield or equivalent. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (MESA) and the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11. Wear impervious footwear or protective covers as 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 by cleaning of equipment or disposal of wastes.

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.



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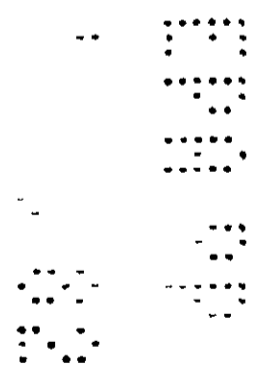
Hopkins

agricultural chemical co.

BOX 7532 • MADISON, WISCONSIN 53707
U.S.A.

CODE

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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.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

RESTRICTIONS

Do not contaminate water or foodstuffs.

Do not contaminate milk or milk equipment.

Do not apply in areas where animals have received direct application of DDVP 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 Hornflies, 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 shoulders. Do not use in excess of 2 ounces per adult animal ^{per day}. Apply proportionately less to smaller animals. Do not soak the skin or wet the hides.

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 8,000 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 contaminate water, feed or foodstuffs, milk or milking utensils. DO NOT use this solution for fogging purposes in areas where animals have received direct applica-

tions within 8 hours. Do not remain in treated areas and ventilate the area after treatment is complete.

When used in restaurants, warehouses and food processing plants, the treatment should be made by pest control operators only.

Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using the product in these areas, apply only when the facility is not in operation.

ANIMAL BUILDINGS (Horse Barns, Dairy Barns, Shelter Sheds), **MILK SHEDS, OUTDOOR AREAS** : to control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown Dog Ticks, Wasps, Flying Moths, and other small flying insects, Cockroaches, Spiders, and Silverfish!

Apply Hopkins 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, loafing 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 to dogs.

IN POULTRY HOUSES, For Fly control: Apply as a coarse wet spray to manure, window sills, outside of penned enclosures 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 Hopkins Vapona Plus 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.

EPA Reg. No. 2393-382

EPA Est. No. 2393-IL-3[®], 2393-WI-1[®],
523-IL-1[®], 2393-WI-2[®], 33509-MO-1[®]
Superscript refers to first letter of lot number.

AUG 31 1982

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Hopkins Agricultural Chemical Co.
P.O. Box 7532
Madison, WI 53707

Gentlemen:

Subject: Hopkins Vapona Plus Spray Solution
EPA Registration No. 2393-382
Your Application of April 14, 1982

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.

Your "Commercial-Use Only" labels (larger than one gallon) should include the Brahman and Brahman Cross Cattle organic phosphates warning.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

TS-767:LaRocca:DCR-46945:WANG-0880B:hk:Raven:479-2013: 8/23/82

JG
8/27/82

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