

PH 42737-3 13
09 APR 1992

Vertec, Inc.
c/o H.R. McLane
H.R. McLane, Inc.
7210 Red Road, Suite 206
Miami, FL 33143

Dear Mr. McLane:

Subject: Revised Labeling: Modified instructions
VeX, EPA Reg. No. 42737-3
Submission dated March 24, 1992

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,

RFM
Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

BEST AVAILABLE COPY

RESTRICTED USE CLASSIFICATION: Due to acute fish toxicity, for retail sale to and use only by Certified persons under their direct supervision and only for those uses covered by the Certified Applicators C

THERMAL AEROSOL FOGGING

TRUCK MOUNTED - Mix 5 gallons of VeX with 95 gallons of fuel, diesel, or mineral oil. Apply finished solution at the rate of 5 to 7.5 gals. per linear mile for swath of 300 feet at 3 to 5 mph.

To reduce oil requirement and sludge buildup in equipment, use 100 second viscosity mineral "fog" oil. Mix 5 gallons of VeX with 45 gallons of "fog" oil. Apply at the rate of 2.75 to 3.85 gallons per linear mile as a "dry" fog.

For use with hand carried and/or lawn mower foggers, mix 5.7 oz. of VeX with 122.3 ozs. of mineral oil. Apply at the rate of 1 to 1.5 pints/acre.

Do not wet foliage since many oil base formulations are phytotoxic. Do not fog when wind conditions exceed 5 miles per hour. Use a clean, well maintained and properly calibrated fogger. Start fogging on side from which wind is blowing. (Fog Down wind!)

NON-THERMAL ULV "AEROSOL SPRAYING"

For BACKPACK "ULV" APPLICATIONS use in non-thermal ULV portable equipment similar to the Hudson B.P. Mix 94 fl. oz. (2.78 L) of this product with 1 gal. (3.79 L) of refined soybean oil, light mineral oil of 54 second viscosity or other suitable solvent. Adjust equipment to deliver fog particles of 18-50 microns mass median diameter. Apply at the rate of 5.66 to 11.33 fl. oz. of finished formulation per acre (as a 50 ft (15.2m) swath while walking at a speed of 2 mph (3.2 kph). This is equivalent to 0.0035-0.007 lb. A.I. of Resmethrin /acre plus 0.015 to 0.0210 lb A.I. Piperonyl Butoxide per acre. Where dense foliage is present use the higher rate.

The product is Ready-To-Use for TRUCK MOUNTED NON-THERMAL ULV EQUIPMENT or it may be diluted with light mineral oil of 54 second viscosity or other suitable solvent. Adjust equipment to deliver fog particles of 8 to 20 microns mass median diameter.

Consult the following chart for Dilution & Application Rates.
AMOUNTS OF VeX TO APPLY PER ACRE and PER LINEAR MILE

lbs./A.I. of Resmethrin/PBO to Apply/Acre	Fluid Ounces & (ml) of Undiluted VeX to be applied per acre	OUNCES/MINUTE at mph / 300 ft. wide		
		5mph	10mph	20mph
0.007/0.021	4.0 (118 ml)	12.0 Oz.	24.0 Oz.	48.0 Oz.
Or Use 144 Fl. Oz. (1 Gal. + 1 Pt.) /Linear Mile				
0.0035/0.0105	2.0 (59 ml)	6.0 Oz.	12.0 Oz.	24.0 Oz.
Or Use 72 Fl. Oz. (4 1/2 Pints) /Linear Mile				
0.00175/0.00525	1.0 (29.5ml)	3.0 Oz.	6.0 Oz.	12.0 Oz.
Or Use 36 Fl. Oz. (1 Quart + 4 Oz) /Linear Mile				
0.00117/0.00351	0.5 (15 ml)	2.0 Oz.	4.0 Oz.	8.0 Oz.
Or Use 24 Fl. Oz. (1 1/2 Pints) /Linear Mile				

Apply only when air currents are 2 to 8 mph (3.2 to 12.9 kph). It is preferable to apply during early morning and evening when there is less breeze and convection currents are minimal. Arrange to apply in the direction with breeze, to obtain maximum swath length and better distribution. Direct spray nozzles in a manner to insure even distribution of the insecticide throughout the area to be treated. Avoid inhalation of spray mist.

Guide the direction of the equipment so that the discharge nozzle is maintained to insure even distribution of the ULV spray particles throughout the area.

NOTICE: Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label. (05-08-91 acceptd vers. amded 03-27-92)

ACCEPTED
09 APR 1992
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended under
EPA Reg. No. 42737-3

VeXTM

VeX Insecticide with SPB-1382[®] + Piperonyl Butoxide
3% + 9% MF

Ready To Use Or May Be Diluted
A Synthetic Pyrethroid For Effective Adult Mosquito Control. For Use as a Thermal Fog or Ultra Low Volume Spray. Will Not Dilute with Water.

ALSO FOR BITING AND NON-BITING MIDGES,

BLACKFLIES AND OTHER BITING FLIES

TO BE APPLIED WITH GROUND EQUIPMENT BY PERSONNEL TRAINED IN THE APPROVED TECHNIQUES OF MOSQUITO CONTROL PROGRAMS

ACTIVE INGREDIENTS:

*Resmethrin 3.09%

**Piperonyl Butoxide Technical 9.27%

INERT INGREDIENTS:*** 87.64%

Total 100.000%

*Cis/trans isomers ratio: max. 30% (+/-) cis and min. 70% (+/-) trans. **Equiv. to 7.42% (butylcarbitol) (6-propylpiperonyl) ether & 1.85% related compounds *** Contains a Mineral Oil Solvent.

Contains 0.229 lb./Gal. of Resmethrin & 0.668 lb./Gal. of Piperonyl Butoxide

KEEP OUT OF REACH OF CHILDREN CAUTION

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado completamente"

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting. ***Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after using and before eating or smoking. Avoid contamination of food and feed.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Drift or runoff from treated areas may be hazardous to fish in adjacent waters. Consult your State's Fish and Wildlife Agency before treating such waters.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 42737-3

EPA EST. NO. 10370-TX-1

NET CONTENTS 30 GALLON

VECTEC, INCORPORATED
ORLANDO, FLORIDA 32807

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USE CLASSIFICATION: Due to acute fish toxicity, for retail sale to and use only by Certified Applicators under their direct supervision and only for those uses covered by the Certified Applicators Certification.

EXPIRED
09 APR 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 42737-3

VeX™

VeX Insecticide with SPB-1382 + Piperonyl Butoxide
3% + 9% MF

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**Piperonyl Butoxide Technical	9.27%
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Contains 0.229 lb./Gal. of Resmethrin & 0.888 lb./Gal. of Piperonyl Butoxide

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

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SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
EPA REG. NO. 42737-3 NET CONTENTS 30 GALLON EPA EST. NO. 10370-TX-1

VECTEC, INCORPORATED
ORLANDO, FLORIDA 32807

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** product in its original labeled container in a cool, dry, locked place des for such insecticides and out of reach of children. In case of spillage, soak absorbent material such as sawdust, or fullers earth; sweep up and pl labeled container and dispose of as follows. **PESTICIDE DISPOSAL:** W sulting from the use of this product may be disposed of on site or at an a wastes disposal facility. **CONTAINER DISPOSAL:** (Metal) Triple rinse or lent. Then offer for recycling or reconditioning or puncture and disposa sanitary landfill or by other approved state and local procedures. (Plasti rinse or equivalent. Then offer for recycling or reconditioning or puncti dispose of in a sanitary landfill or incineration, or if allowed by State a authorities, by burning. If burned, stay out of smoke.

IMPORTANT: ENVIRONMENTAL FACTORS WILL AFFECT INSECT CC
Temper re & humidity fluctuations will require periodical adjustn equipm to deliver the desired flow rate at the specified speed of tra flow rate must be maintained to insure the distribution of the proper an active ingredient per acre.

This product is for use by personnel trained in the application techr Mosquito control programs designed for the reduction in annoyance fro flies and adult mosquito infestations and as a part of a mosquito ab program.

VeX is recommended for **OUTDOOR SPACE CONTROL** of Adult Mos Midge, (Biting and non-Biting) and Blackflies and is to be applied by equipment with thermal or nonthermal ULV mechanical spray, mist and equipment having capabilities of delivering "spray" particles within the size range (8 to 50 micron mass median diameter) and at specified do:

WHEN TO USE Use on listed sites when necessary to bring insects unde applying at any time of the day. It may be most effective however in early or evening hours during periods of increased insect activity.

WHERE TO USE Typical areas that may be treated for control of the lister includes Beaches, Parks, Campsites, Woodlands, Athletic Fields, Golf C Swamps, Tidal Marshes, Refuse and Waste Sites, Residential Areas and palities around the outside of apartment buildings, restaurants, stores a houses. Do not treat or allow to drift to cropland, feed or food stuff. Avo application over, lakes, ponds and streams. To obtain optimum results, treat the immediate surroundings of hous buildings, including plant foliage surfaces, where mosquitoes may rest. I recreational areas such as Football Fields, Stadiums, Racetracks an Parks, also apply to the "interface of woods" surrounding the main are the public event is to take place.

"VeX" FOR CONTROL OF STABLE FLIES, HORSE FLIES AND DEER
For control of biting flies near residential, recreational or animal sheh treat perimeter areas including shrubbery, vacant lots, weeds and was and other vegetative areas where flies may breed or rest. Shrub vegetation around stagnant pools, marshy areas, ponds and shore lines treated. Application of this product to any body of water is prohibited. For control of these adult flies in residential and recreational areas, a product undiluted at a rate of 232 fl. oz./hour (6.86L/hr) by use of a suife generator traveling at 5 mph (8 kph) or at a rate of 464 fl. oz. (13.72 L/l traveling at 10 mph (16 kph). When spraying, apply across wind direx proximately 300 ft. (91.4 m) swaths apart. Apply when winds range fro mph (1.5-16.0 kph). Repeat as needed.

VeX™ is a Trademark of Vectec, Inc.

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