

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (78-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

42737-3

TERM OF ISSUANCE

NOTICE OF PESTICIDE: ☐ REGISTRATION  
☐ REREISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

VEX Insecticide With  
GWP-1382

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Vectec, Inc.  
6984 Venture Circle  
Orlando, FL 32807

284366 / 16  
18 / 1  
N/A

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/continue to submit data for registration/reregistration of your product under FIFRA section 3(c)(1) when the Agency requires all registrants of similar products to submit test data.

2. Add the phrase "EPA Registration No. 42737-3" to your label before you release the product for shipment.

3. Labeling

In order to comply with FIFRA, this product must bear appropriate labeling as specified in 40 CFR 156.10 and the Resmethrin Standard as indicated below:

Precautionary Statements

Manufacturing-use Products:

This pesticide is highly toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public water unless this product is specifically identified

**BEST AVAILABLE COPY**

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

8/4/90

and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### Outdoor Use

Mosquito abatement and pest control treatments at nonagricultural sites:

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

Other than mosquito abatement or pest control treatments at nonagricultural sites.

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

#### Restricted Use

All products labeled for mosquito abatement and pest control treatments at nonagricultural sites (i.e., beaches, parks, campsites, woodlands, athletic fields, golf courses, swamps, tidal marshes, refuse and waste sites, and municipalities) are classified as RESTRICTED USE and must bear the following restricted-use classification:

#### **RESTRICTED USE CLASSIFICATION** Due to acute fish 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.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

3/4

-3-

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

## 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 a 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 (15.2 m) 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.

For **TRUCK MOUNTED NON-THERMAL ULV EQUIPMENT** use this product with refined soybean oil, 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.

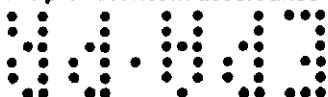
Consult the following chart for Dilution & Application Rates.  
AMOUNTS OF VeX TO APPLY PER ACRE AND PER LINEAR MILE

lb 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 (29.5 ml)	3.0 Oz.	6.0 Oz.	12.0 Oz.
	Or Use 36 Fl. Oz. (1 Quart + 4 Oz) /Linear Mile			
0.00117/0.00351	0.66 (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 at a distance of more than 3 feet (1.53 m) from the ornamental plants and 15 feet (4.57 m) or more from painted objects.

**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. 09-30-89



# VeX<sup>TM</sup>

VeX<sup>TM</sup> Insecticide with SPB-1382<sup>®</sup> + Piperonyl Butoxide  
3% + 9% MF

42737-3

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 3.00%

\*\*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% (butoxycarbonyl) (8-propylpiperonyl) ether & 1.85% related compounds \*\*\* Contains a Mineral Oil Solvent.

Contains 0.228 lb./Gal. of Resmethrin & 0.688 lb./Gal. of Piperonyl Butoxide

## KEEP OUT OF REACH OF CHILDREN CAUTION

\*PRECAUCION \*L USUARIO: Si usted no lee ingles, no use este producto hasta que le indiquen como usarlo correctamente.

### 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 IN 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 product is highly toxic to fish. Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Consult your State 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- NET CONTENTS 30 GALLON EPA EST. NO. 10370-TX-1

**VECTEC, INCORPORATED**  
ORLANDO, FLORIDA 32807