

PM-10

Reg # 41-366

194

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

17 AUG 1995

Anne Montalone
Bonide Products, Inc.
2 Wurz Avenue
Yorkville, NY 13495

Dear Ms. Montalone:

Subject: Revised Labeling
VEX Insecticide with SBP-1382
EPA Registration Number 4-366
Submission Dated August 8, 1995

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 of the label is enclosed for your records.

The amendment to change the product name to OBLIQUE III is acceptable.

Submit three copies of finished printed labeling prior to releasing product for shipment.

If you have any questions or comments, please contact me at (703) 305-6788.

Sincerely,

RPK

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division (7505C)

10/4

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

RESTRICTED USE CLASSIFICATION

Due to acute fish toxicity

294

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.

OBLIQUE™ III

INSECTICIDE with SPB-1382® + Piperonyl Butoxide

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	100.00%

*Cis/trans isomers ratio: max. 30%(+/-)cis and min. 70%(+/-)trans. **Equiv. to 7.42% (butylcarbityl) (6-propylpiperonyl) ether & 1.85% related compounds. ***Contains a Mineral Oil Solvent. Contains 0.229 lb./Gal. of Resmethrin & 0.688 lb./Gal. of Piperonyl Butoxide.

ACCEPTED with COMMENTS in EPA Letter Dated

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"

17 AUG 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

4-866

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.
- IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

BEST COPY AVAILABLE

394

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Store product in its original labeled container in a cool, dry, locked place designated for such insecticides and out of reach of children. In case of spillage, soak up with absorbent material such as sawdust, or fullers earth; sweep up and place in a labeled container and dispose of as follows. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. Container Disposal: (Metal) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved state and local procedures. (Plastic) 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.

IMPORTANT: ENVIRONMENTAL FACTORS WILL AFFECT INSECT CONTROL

Temperature and humidity fluctuations will require periodical adjustments of equipment to deliver the desired flow rate at the specified speed of travel. This flow rate must be maintained to insure the distribution of the proper amount of active ingredient per acre.

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

OBLIQUE III is recommended for OUTDOOR SPACE CONTROL of Adult Mosquitoes, Midges, (Biting and non-Biting) and Blackflies and is to be applied by ground equipment with thermal or non-thermal ULV mechanical spray, mist and fogging equipment having capabilities of delivering "spray" particles within the aerosol size range (8 to 50 micron mass median diameter) and at specified dosages.

When To Use: Use on listed sites when necessary to bring insects under control applying at any time of the day. It may be most effective however in early morning or evening hours during periods of increased insect activity.

Where To Use: Typical areas that may be treated for control of the listed insects. Includes Beaches, Parks, Campsites, Woodlands, Athletic Fields, Golf Courses, Swamps, Tidal Marshes, Refuse and Waste Sites, Residential Areas and Municipalities around the outside of apartment buildings, restaurants, stores and warehouses. Do not treat or allow to drift to cropland, feed or food crop. Avoid direct application over lakes, ponds and streams.

To obtain optimum results, treat the immediate surroundings of housing and buildings, including plant foliage surfaces, where mosquitos may rest. For large recreational areas such as Football Fields, Stadiums, Racetracks and Public Parks, also apply to the "interface of woods" surrounding the main area where the public event is to take place

"OBLIQUE III" FOR CONTROL OF STABLE FLIES, HORSE FLIES AND DEER FLIES"

For control of biting flies near residential, recreational or animal shelter areas treat perimeter areas including shrubbery, vacant lots, weeds and waste grass and other vegetative areas where flies may breed or rest. Shrubbery and vegetation around stagnant pools, marshy areas, ponds and shore lines may be treated. Application of this product to any body of water is prohibited.

For control of these adult flies in residential and recreational areas, apply this product undiluted at a rate of 2 1/2 fl. oz./hour (6.86L/hr) by use of a suitable ULV generator traveling at 5 mph (8 kph) or at a rate of 464 fl. oz. (13.72L/hr) while traveling at 10 mph (16 kph). When spraying, apply across wind direction approximately 300 ft. (91.4 m) swaths apart. Apply when winds range from 1 to 10 mph (1.5-16.0 kph). Repeat as needed.

BEST COPY AVAILABLE

THERMAL AEROSOL FOGGING

TRUCK MOUNTED — Mix 5 gallons of OBLIQUE III 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 build-up in equipment, use 1/2 second viscosity mineral "fog" oil. Mix 5 gallons of OBLIQUE III 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 a hand-carried and/or lawn mower foggers, mix 5.7 oz. of OBLIQUE III with 122.3 oz. 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.				
<u>AMOUNTS OF OBLIQUE III TO APPLY PER ACRE and PER LINEAR MILE</u>				
lbs./A.I. of <i>Resmethrin/PBO to Apply/Acre</i>	Fluid Ounces & (ml) of <i>Undiluted OBLIQUE III to be applied per acre</i>	OUNCES/MINUTE at mph/300 ft. wide		
		5 mph	10 mph	20 mph
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. (4½ 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. (1½ 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 6 feet (1.83 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.

EPA REG. NO. 336

NET CONTENTS 30 GALLON

Manufactured by
BONIDE PRODUCTS, INC.
YORKVILLE, NY 13495

EPA EST. NO. 4-NY-1

BEST COPY AVAILABLE

4