

APR 17 1988

432-716

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Pg 1 of 3

# SCOURGE® Insecticide

## with SBP-1382®/PIPERONYL BUTOXIDE 4% + 12% MF FORMULA II

*RESISTANT SPECIES* A Ready To Use Synthetic Pyrethroid For Effective Adult Mosquito *(including organophosphate)*  
To be applied by Mosquito Abatement Districts, Public Health Officials, and other trained personnel in Mosquito Control Programs.  
*MIDGE (BITING AND NON-BITING) AND BLACKFLY CONTROL*

Contains 0.3 lb/gal (36 g/L) of SBP-1382 and 0.9 lb/gal (108 g/L) of Piperonyl Butoxide

FOR AERIAL AND GROUND APPLICATION

### ACTIVE INGREDIENTS:

*†•Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate .....	4.14%w/w
**Piperonyl Butoxide Technical.....	12.42%
<b>INERT INGREDIENTS‡</b> .....	<b>83.44%</b>
	<b>100.00%w/w</b>

\*Cis/trans isomers ratio: max. 30% (±)cis and min. 70% (±)trans.  
 †U.S. Patent Nos. 3,465,007 and 3,542,928.  
 •Penick's SBP-1382® brand of resmethrin insecticide.  
 Penick Corp., 1050 Wall Street West, Lyndhurst, N.J. 07071  
 \*\*Equivalent to 9.94% (butylcarbityl) (8-propylpiperonyl) ether and 2.48% related compounds.  
 ‡Contains Petroleum Distillates.

**PRECAUTIONAL CONSUMIDOR:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada amplemente.  
**(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS AND  
STATEMENT OF PRACTICAL TREATMENT

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

Harmful if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.  
 If in eyes: Flush with plenty of water. Get medical attention if irritation persists.  
 If on skin: Wash with soap and plenty of water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and birds. Do not apply to lakes, streams, or ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use, pour, spill, or store near heat or open flame. Flash point minimum 170°F (76.7°C).

**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:** For containers one gallon and under: Store product in original container in a locked storage area.  
**RESIDUAL DISPOSAL:** For containers over one gallon: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** For containers one gallon and under: Do not use empty container. Wash container and put in trash. For containers over one gallon: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.

**READ ENTIRE LABEL FOR DIRECTIONS**

For use by only professional or certified applicators or under the supervision of such applicators, for the reduction in annoyance from adult mosquito infestations and as a part of a mosquito abatement program.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

PROPOSED AMENDED LABEL

SCOURGE

EPA Reg. No. 432-716

EPA Est. 432-NJ-1

NET CONTENTS

ACCEPTED  
 432-716 gal  
 AUG 26 1988  
 LOT NO.

L)



PENICK-BIO LABORATORIES CORPORATION

P.O. Box 9059 1050 Wall Street West, Lyndhurst, New Jersey 07071 USA

DIRECTIONS FOR USE (Continued on reverse side)

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# SCOURGE® Insecticide

## with SBP-1382®/PIPERONYL BUTOXIDE 4% + 12% MF FORMULA II

### DIRECTIONS FOR USE (Continued)

This product is to be used for control of adult mosquitoes, midges (biting and non-biting) and blackflies in ground application with nonthermal or mechanical spray equipment that can deliver spray particles within the aerosol size range and at specified dosage levels.

**NOTICE:** This concentrate cannot be diluted in water. Mix well before using. Avoid storing excess formulation in spray equipment tank beyond the period needed for application.

#### ULTRA LOW VOLUME APPLICATIONS

For use in nonthermal ULV portable backpack equipment similar to the Hudson B.P. Mix 70 fl oz (2068 ml) 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 4.25-8.50 fl oz of finished formulation per acre (311-621 ml/ha) as a 50 ft (15.2 m) swath while walking at a speed of 2 mph (3.2 kph). This is equivalent to 0.0035-0.0070 lb of SBP-1382/A (3.82-7.65 gm/ha) plus 0.0105-0.0210 lb of piperonyl butoxide tech./A (11.77-23.54 gm/ha). Where dense vegetation is present, the higher rate is recommended.

For truck mounted nonthermal ULV equipment similar to LECO HD or MICRO-GEN or WHISPERMIST-XL. Adjust equipment to deliver fog particles of 8-20 microns mass median diameter. Consult the following chart for application rates.

Treatment lb ai/A of Scourge Wanted SBP-1382/PBO	Fl oz/A of Undiluted Spray to be Applied	Application Rate-Fl oz/Min	
		5 MPH	10 MPH
0.007/0.021	3.0(90 ml)	9.0(266.2 ml)	18.0(532.3 ml)
0.0035/0.0105	1.5(45 ml)	4.5(133.1 ml)	9.0(266.2 ml)
0.00175/0.00525	0.75(22.5 ml)	2.25(66.8 ml)	4.5(133.1 ml)
0.00117/0.00361	0.50(15 ml)	1.50(45 ml)	3.0(90 ml)

Where dense vegetation is present, the use of the higher rates and/or slower speed is recommended.

Fog only when air currents are 2-8 mph (3.2-12.8 kph). It is preferable to fog during early morning and evening when there is less breeze and convection currents are minimal. Arrange to apply the fog in the direction with breeze to obtain maximum swath length and better distribution. Direct spray head of equipment in a manner to insure even distribution of the fog throughout the area to be treated. Avoid prolonged inhalation of fog.

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 ornamental plants and 15 feet (4.57 m) or more from painted objects. Temperature fluctuations will require periodical adjustment of equipment to deliver the desired flow rate at the specified speed of travel. The flow rate must be maintained to insure the distribution of the proper dosage of finished formulation.

Spray parks, campsites, woodlands, athletic fields, golf courses, swamps, tidal marshes, residential areas and municipalities around the outside of apartment buildings, restaurants, stores and warehouses. Do not spray on cropland, feed or foodstuffs. Avoid direct application over lakes, ponds and streams.

### EPA Reg. No. 432-716

#### DIRECTIONS FOR STABLE FLY

#### HORSE FLY, BEER FLY CONTROL:

Treat shrubbery and vegetation where the above flies may rest. Shrubby 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 adult flies in residential and recreational areas, apply this product undiluted at a rate of 178 fl oz/hr (5.36 L/hr) by use of a suitable ULV generator travelling at 8 mph (8 kph) or at a rate of 356 fl oz/hr (10.53 L/hr) while travelling at 10 mph (16 kph). When spraying, apply across wind direction approximately 300 ft (91.4 m) apart.

Apply when winds range from 1-10 mph (1.6-16.0 kph). Repeat for effective control.

APR 17 1960

Proposed amended label

# DIRECTIONS FOR AERIAL APPLICATIONS FOR USE WITH FIXED-WING AND ROTARY AIRCRAFT

This product is used in specially designed aircraft capable of applying ultra low volume of finished spray formulation for control of adult mosquitoes (INCLUDING ORGANO PHOSPHATE RESISTANT SPECIES), MIDGES (BITING AND NON-BITING) AND BLACKFLIES.

Aerial application should be made preferably in the early morning or evening. Application should be made preferably when there is little or no wind.

It is not recommended to make application when wind speeds exceed 10 mph (16 kph). Repeat applications should be made as necessary. Apply preferably when temperatures exceed 50°F (10°C). May be used as a mosquito adulticide in recreational and residential areas, and in municipalities, around the outside of apartment buildings, golf courses, athletic fields, parks, campsites, woodlands, swamps, tidal marshes, and overgrown waste areas.

- Do not spray on cropland, feed or foodstuffs. Avoid direct application over lakes, ponds and streams.

### APPLICATION INSTRUCTIONS FOR PRODUCT IN AIRCRAFT USAGE

lb ai/A Wanted SSP-1382/P80	Fl oz/A of Undiluted Spray to be Applied
0.007/0.021	3.0 (90 ml)
0.0035/0.0106	1.5 (45 ml)
0.00175/0.00525	0.75 (22.5 ml)
0.00117/0.00351	0.50 (15 ml)

APR 17 1986

Proposed amended label