

Proposed Amended Label

432-719, PM-17, 1/2

# SOURCE® Insecticide

with SBP-1382® 1.5% + 4.5% FORMULA II

AUG 2 1985  
CONFIDENTIAL UNTIL  
ACCEPTED BY EPA

A Ready To Use Synthetic Pyrethroid For Effective Adult Mosquito Control

To be applied by Mosquito Abatement Districts, Public Health Officials and other trained personnel in Mosquito Control Programs.

Contains 0.146 gal (12 g/L) of SBP-1382 and 0.346 gal (36 g/L) of Piperonyl Butoxide

### ACTIVE INGREDIENTS:

- \* Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate ..... 1.50% w/w
- \*\* Piperonyl Butoxide Technical ..... 4.50%

### INERT INGREDIENTS:.....

94.00%  
100.00% w/w

### \* CONTAINS Petroleum Distillates

- \* Cis/trans isomers ratio max. 30% (c) cis and min. 70% (c) trans.
- \* U.S. Patent Nos. 3,483,007 and 3,542,928.
- \* Penick's SBP-1382® brand of resmethrin insecticide.
- \* Penick Corp., 1050 Wall Street West, Lyndhurst, N.J. 07071
- \*\* Equivalent to 3, 6% (butylcarbityl) (6-propylpiperonyl) ether and 0.9% related compounds.

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

(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

EPA Reg No. 432-719

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NET CONTENTS:

gall  
OCT 3 1985  
EPA Reg. No. 432-719

LOT NO.

**PENICK** Penick Corporation

1050 Wall Street West, Lyndhurst, N.J. 07071 USA

### 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 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 eat, drink, or store near heat or open flame. Flash point minimum 176°F (76°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.

PESTICIDE 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 reuse empty container. Wrap 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.

DIRECTIONS FOR USE (Continued on reverse side)

Proposed Amended Label

AUG 6 1985

# SCOURGE® Insecticide

with SBP-1382®/PBO 1.5% + 4.5% 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.

Adjust equipment to deliver fog particles of 18-50 microns mass median diameter. Apply at the rate of 4.5-9.0 fl oz of finished formulation per acre (31.7-63.4 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 ai SBP-1382/A (3.92-7.85 gm/ha) plus 0.0105-0.0210 lb ai 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	9.0 (262 ml)	22.0 (798.5 ml)	54.0 (1597 ml)
0.0035/0.0105	4.5 (131 ml) - 133.1	13.5 (400 ml)	27.0 (798.5 ml)
0.00175/0.00525	2.25 (66.6 ml)	6.75 (200 ml)	13.5 (400 ml)
0.00117/0.00351	1.50 (45 ml)	4.5 (131 ml)	9.0 (262 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 (3.2-12.9 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 8 feet (2.44 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.

### DIRECTIONS FOR STABLE FLY, Horse Fly, Deer Fly CONTROL

Treat shrubbery and vegetation where 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 4.5-9.0 fl oz/hr (12.7-25.5 ml/hr) by use of a suitable ULV generator travelling at 5 mph (8 kph) or at a rate of 8.5-17.0 fl oz/hr (25.5-51.1 ml/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.

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