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U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (MH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

432-719

DATE OF ISSUANCE

JUN 11 1985

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Scourge Insecticide with SPH-1382/PRO  
1.5% + 4.5% Formula II

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Penick Corporation  
1050 Wall Street West  
Lyndhurst, NJ 07071

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 endorsement 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 432-719."
- b. Provide the specific values for density and flashpoint. Ranges and minimum values are not acceptable.
- c. Submit information regarding the certification of limits for each active ingredient and each intentionally added inert ingredient.
- d. Submit the results of a one-year storage stability study performed on this product at room temperature.

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

See page 2

DATE

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- e. Submit the specification sheets on the solvents from your three suppliers.
  - f. Provide a footnote to the label ingredient statement indicating that the product contains petroleum distillates.
3. 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure



JOB-95805:Tavano:Kendrick:898-1270:tar:RD:85/24:6/4/85:del.6/11/85

CONFIDENTIAL UNTIL  
ACCEPTED BY EPA

# SCOURGE® Insecticide

with SBP-1382®/PIPERONYL BUTOXIDE 1.5% + 4.5% ME  
FORMULA II

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 0.145 lb/gal (1.2 g/L) of SBP-1382 and 0.3 lb/gal (3 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

\*Cis/trans isomers ratio max. 30% (c) cis and min. 70% (c) 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 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

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

Harmful if swallowed. Avoid breathing vapor or spray mist. Wash thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting. Do not give anything by mouth to someone who has swallowed this product. If on skin: Wash with soap and plenty of water. Get medical attention if irritation occurs. If in eyes: Flush with plenty of water and get medical attention. If on skin: Wash with soap and plenty of water. Get medical attention if irritation occurs.

**ENVIRONMENTAL HAZARD**

This product is toxic to fish and birds. Do not apply to lakes, streams, rivers, or other bodies of water. Do not apply to areas where weather conditions favor drift from areas treated. Do not use on equipment or disposal of wastes.

**PHYSICAL AND CHEMICAL HAZARD**

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

**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 cool, dry place. **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 treatment facility. **CONTAINER DISPOSAL:** For Containers One Gallon and Under: Do not reuse. Triple rinse (or equivalent). Then offer for recycling or reuse, if applicable, or puncture and dispose of in a sanitary landfill, or other procedures approved by State and local authorities.

**READ ENTIRE LABEL FOR DIRECTIONS FOR USE**

For use by only professional or certified applicators or persons trained in the use of pesticides, for the reduction in annoyance from adult mosquito abatement program.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon the use of this product being beyond the control of the manufacturer. No warranty, expressed or implied, is made as to the effects of such or the results to be expected when used with directions or established safe practice. The buyer assumes all liability for injury or damage, resulting from its misuse as to the materials.

EPA Reg No. 432-

EPA ESTABLISHED UJ-1  
WITH COMMENTS  
by EPA Letter District

NET CONTENTS:

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LOT NO.

JUN 11 1985

**PENICK** Penick Corporation

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

DIRECTIONS FOR USE (Continued on next page)

JAN 14 1985

## SCOURGE® Insecticide with SBP-1382®/PIPERONYL BUTOXIDE 1.5% + 4.5% 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.

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 (32.5-65 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)	13.5 (400 ml)	27.0 (798.5 ml)
0.00175/0.00525	2.25 (66 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 (3.2-12.8 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.

#### DIRECTIONS FOR STABLE FLY (DOG FLY) CONTROL:

Treat shrubbery and vegetation where stable 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 (dog flies) in residential and recreational areas, apply this product undiluted at a rate of 492-864 fl oz/hr (12.78-25.37 hr) by use of a suitable ULV generator travelling at 5 mph (8 kph) or at a rate of 864-1524 fl oz/hr (25.85-51.12 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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