

# SBP-1382 Insecticide 40 MF Solvent Dilutable Concentrate Formula I

(Contains 3.13 pounds of SBP-1382 per gallon or  
375 grams per liter)

## A SYNTHETIC PYRETHROID FOR EFFECTIVE ADULT MOSQUITO CONTROL

Also for Use Against Stable Flies, Midges (biting and non-biting),  
and Black Flies

To Be Applied By Mosquito Abatement Districts, Public Health  
Officials and Other Trained Personnel in Mosquito Control  
Programs.

### ACTIVE INGREDIENTS:

*Resmethrin[5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate .....	40.00%w/w
Related Compounds .....	5.45%
Aromatic Petroleum Solvent .....	52.60%
INERT INGREDIENTS: .....	1.95%

100.00%w/w

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

CONFIDENTIAL UNTIL  
ACCEPTED BY EPA

432 596

**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. 432-596      EPA Est. 432-NJ-1

NET CONTENTS:

**PENICK** Penick Corporation  
1050 Wall Street West, Lyndhurst, NJ 07071 USA

Amendment proposed      DEC 27 1989

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

**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water 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 on skin: Wash with soap and water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to lakes, streams and 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 or store near heat or open flame. Flash point minimum 100°F (38°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:** Do not store at temperatures below 32°F (4.5°C). If this material has been exposed to temperatures below 40°F (4.5°C), there may be precipitation. Check for crystallization. If evident, warm to 80°F (25.5°C) and thoroughly mix before using. **DO NOT USE OPEN FLAME.**

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL:** For Containers One Gallon and Under: Do not reuse empty container. Wrap container and place in trash collection.

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 approved State and Local procedures.

**READ ENTIRE LABEL FOR DIRECTIONS**

For use only by professional or certified applicators or under the supervision of such applicators, as part of a mosquito abatement program, or for the reduction in annoyance from adult mosquitoes, midges (biting and non-biting), black flies and stable flies.

(Continued on Side Panel)

**WARRANTY STATEMENT**

Our recommendations for the 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 and 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.

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**DIRECTIONS FOR USE (Continued)**

This concentrate is to be used in ground application with nonthermal or mechanical spray equipment that can deliver spray particles within the aerosol size range and at specified dosage levels.

**AT AN APPLICATION RATE OF 0.007 POUNDS OF ACTIVE INGREDIENT PER ACRE, BEES ARE NOT AFFECTED.**

**NOTICE:** This concentrate cannot be diluted in water. If this material has been exposed to temperatures below 40°F (4.5°C), there may be precipitation. Check for crystallization. If evident, warm to 80°F (26.5°C) and thoroughly mix before using. **DO NOT USE OPEN FLAME.** Avoid storing excess formulation in spray equipment tank beyond the period needed for application.

**ULTRA LOW VOLUME APPLICATIONS:** To Control Adult Mosquitoes, Black Flies and Midges (biting and non-biting):

For use in nonthermal ULV portable back pack equipment, similar to the Hudson B.P. Mix 4-2/3 fl. ozs. (138 ml) of this product with 1 gallon (3.79 liters) of light mineral oil of 54 second viscosity, refined soybean oil, or other suitable solvent. Adjust equipment to deliver fog particles of

18-50 microns mass median diameter.

Apply at the rate of 8 fl. ozs. (237 ml) of finished formulation per acre (0.4 hectare) as a 50 ft (15.2 meter) swath while walking at a speed of 2 mph (3.2 kph). This is equivalent to 0.007 pounds of active ingredient per acre (7.35 grams per hectare).

For truck mounted nonthermal ULV equipment similar to the LECO HD, mix 13-1/2 fl. ozs. (399 ml) of this product with one gallon (3.79 liters) of light mineral oil of 54 second viscosity, refined soybean oil, or other suitable solvent. Adjust equipment to deliver fog particles of

8-20 microns mass median diameter.

Apply at the rate of 3 fl. ozs. (82.7 ml) of finished formulation per acre (0.4 hectare) as a 300 foot (91.4 meter) swath at a truck speed of 5-10 mph (8-16 kph). This is equivalent to 0.007 and 0.0035 pounds of active ingredient per acre (7.65 and 3.92 grams per hectare), respectively.

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 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 meters) from ornamental plants, and 15 feet (4.57 meters) 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. This 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 applications 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 stable flies (dog flies) in residential and recreational areas apply this product undiluted at a rate of 34.25 fl. ozs. per hour (1 liter per hour) by use of a suitable ULV generator traveling at 5 mph (8 kph) or at a rate of 68.5 fl. ozs. per hour (2 liters per hour) while traveling 10 mph (16 kph). When spraying apply across wind direction approximately 300 ft (91.4 meters) apart. Apply in winds from 1 to 10 mph (1.6-16 kph) when flies are present. Repeat as required for effective control.

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Amendment proposed DEC 17 1982