

This product is to be used for control of adult mosquitoes 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 9.75 fl oz (288 ml) of this product with 1 gallon (3.79 liters) of refined soybean oil, light mineral oil of 54 second viscosity or other suitable solvent. Adjust equipment to deliver fog particles of 18 microns median mass diameter. Apply at the rate of 4.25-8.50 fl oz of finished formulation per acre (311-621 ml/hectare) as a 50 ft (15.2 meters) swath while walking at a speed of 2 mph (3.2 kph). This is equivalent to 0.0035-0.0070 lb ai SBP-1382 per acre (3.92-7.85 gm per hectare) plus 0.0105-0.0210 lb ai piperonyl butoxide tech. per acre (11.77-23.54 gm per hectare). Where dense vegetation is present, the higher rate is recommended.

For truck mounted nonthermal ULV equipment similar to LECO HD or MICRO-GEN, mix 51 fl oz (1508 ml) of this product with 77 fl oz (2277 ml) of refined soybean oil, light mineral oil of 54 second viscosity or other suitable solvent. Adjust equipment to deliver fog particles of 12 microns median mass diameter. Apply at the following rates:

Truck Speed	Del. Rate fl oz/min.	Del. Rate fl oz/acre (0.4 Hectare)	Spray Swath
5 mph (8 kph)	2.25-4.50 (66.5-133 ml)	0.75-1.50 (22.2-44.4 ml)	300 ft (91.4 meters)
10 mph (16 kph)	4.5-9.0 (133-266 ml)	0.75-1.50 (22.2-44.4 ml)	300 ft (91.4 meters)

These rates are equivalent to 0.0035-0.0070 lb ai SBP-1382 per acre (3.92-7.85 gm per hectare) plus 0.0105-0.0210 lb ai piperonyl butoxide tech. per acre (11.77-23.54 gm per hectare). Where dense vegetation is present, the use of the high rate and slower speed is recommended.

DIRECTIONS FOR USE (Continued)

NOTE: 1 gallon (3.8 L) of this product contains enough active ingredient to treat up to 428.4 acres (173.4 hectares) for adult mosquito control.

Fog only when air currents are less than 5 mph (8 kph). It is preferable to fog during early morning and late afternoon 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 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. 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 5-72 fl oz/hr (1.065-2.129 L/hr) by use of a suitable ULV generator traveling at 5 mph (8 kph) or at a rate of 72-144 fl oz/hr (2.129-4.259 L/hr) while traveling at 10 mph (16 kph). When spraying, apply across wind direction approximately 300 ft (91.4 meters) apart. Apply when winds range from 1-10 mph (1.6-16.0 kph). Repeat for effective control.

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SBP-1382® / PIPERONYL BUTOXIDE INSECTICIDE CONCENTRATE 18% + 54% MF FORMULA II

A 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 1.51 lb/gal (181 g/L) of SBP-1382 and 4.51 lb/gal (540 g/L) of Piperonyl Butoxide

ACTIVE INGREDIENTS:

*† Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	18.00%w/w
Related Compounds	2.45%
**Piperonyl Butoxide Technical	54.00%
Aromatic Petroleum Solvent	24.67%
INERT INGREDIENTS:	0.88%
	100.00%w/w

*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 43.2% (butylcarbityl) (6-propylpiperonyl) ether and 10.8% 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 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 145°F (53°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.
PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or Local procedures.
CONTAINER DISPOSAL: For containers 1 gallon and under: Do not use empty container. Wrap container and place in trash collection. For containers over 1 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.

EPA Reg. No. 432-667 EPA Est. 432-NJ-1 E-30186-P

NET CONTENTS: gal(L)

LOT NO.

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.

PENICK Penick Corporation

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

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.