

Reg # 432-716

PM-17

192

SCOURGE® Insecticide

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

A Ready To Use Synthetic Pyrethroid For Effective Adult Mosquito
(including organophosphate resistant species), Midge (biting and non-biting), and Black Fly Control
To be applied by Mosquito Abatement Districts, Public Health Officials and other trained personnel in Mosquito Control Programs.
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%
INERT INGREDIENTS†:	83.44%
	100.00%w/w

*Cis/trans isomers ratio: max. 30% (±)cis and min. 70% (±)trans.
 •Roussel Bio's SBP-1382® brand of resmethrin insecticide.
 Roussel Bio Corp., 400 Sylvan Avenue, Englewood Cliffs, N.J. 07632
 **Equivalent to 9.94% (butylcarbityl) (6-propylpiperonyl) ether and 2.48% related compounds.
 †Contains Petroleum Distillates.

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.)

DATE NOV 20 1990
PERMITS

KEEP OUT OF REACH OF CHILDREN
CAUTION

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

EPA Est.: See Lot No. For Correlation
 EPA Reg. No. 432-716 A 42545-MO-1 P-7/31/90
 F 10370-TX-1 P 655-GA-1

NET CONTENTS: (L)
 gal
 LOT NO.

ROUSSEL BIO
CORPORATION
 400 Sylvan Avenue
 Englewood Cliffs, N.J. 07632

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & 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 solvents. 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 in, near, or close to 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.
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 use 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.

IN THE STATE OF CALIFORNIA ONLY: For use by local districts or other public agencies which have entered into and operate under a cooperative agreement with the Department of Public Health pursuant to Section 2426 of the Health and Safety Code.

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)

SCOURGE® Insecticide

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

DIRECTIONS FOR USE (Continued)

EPA Reg. No. 432-716

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 (2066 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 or diluent. Adjust equipment to deliver fog particles of 18-20 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 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 PD 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.

Lb ai/A of SCOURGE Wanted (SBP-1382/P80)	Fl oz/A of Undiluted Spray to be Applied	Application Rate-Fl oz/Min @ MPH	
		5 MPH	10 MPH
0.0070-0.021	16.90-49.00	3.1 (95.2 ml)	18.0 (532.3 ml)
0.0035-0.0105	8.45-24.50	1.5 (45.1 ml)	9.0 (266.2 ml)
0.00175-0.00525	4.22-12.25	0.75 (22.5 ml)	4.5 (133.1 ml)
0.00117-0.00351	2.50-15.00	1.5 (45.1 ml)	3.0 (90.0 ml)

When wind speed is less than 5 mph, application at the higher rates and/or slower speed is recommended.

When an ultrasonic fogger is used at 3 mph (3.2 kph) it is preferable to fog during early morning hours, especially on days when the air is less dense and the convection currents are minimal. When fog is applied during the day, the fog will be less dense and the maximum swath length and better distribution will be spray broad. To insure the most uniform and consistent distribution of the fog throughout the area to be treated, avoid prolonged application of fog.

Where possible, apply in the direction of the equipment's path. The discharge nozzle is generally maintained at a distance of more than 6 feet (1.8 m) from ornamental plants and 5-15 feet (1.5-4.5 m) from other impervious 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 product dosage of finished formulation.

Spray parks, campsites, woodlands, athletic fields, golf courses, swamps, tidal marshes, residential areas and municipalities around the outskirts 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 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 (5.26 L/hr) by use of a suitable ULV generator travelling at 5 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.

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 undiluted spray formulation for control of adult mosquitoes (including organophosphate resistant species), midges (biting and non-biting) and blackflies.

Aerial applications 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
SBP-1382/P80

Fl oz/A of
Undiluted Spray
to be Applied

0.0070-0.021
0.0035-0.0105
0.00175-0.00525
0.00117-0.00351

16.90 (490 ml)
8.45 (245 ml)
4.22 (122.5 ml)
2.50 (75 ml)

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