


Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060. Approval expires 11-30-93

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <b>196144</b>
	<b>Application for Pesticide:</b>		

**Section I**

1. Company/Product Number <b>432-667</b>	2. EPA Product Manager <b>Marion Johnson</b> <i>S. Johnson</i>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Scourge Insecticide w/ SBP-1382/PB 18% + 54% MF FII</b>	PM# <i>100</i>	
5. Name and Address of Applicant (Include ZIP Code) <b>Agrevo Environmental Health 95 Chestnut Ridge Road Montvale, NJ 07645</b>	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	
<input type="checkbox"/> Check if this is a new address		

**Section II**

<input type="checkbox"/> Amendment - Explain below	<p><b>NOTIFICATION</b></p> <p>Final printed labels in response to Agency letter dated <b>APR 17 1998</b></p> <p>"Me Too" Application.</p>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	
<input checked="" type="checkbox"/> Notification - Explain below.	
<input type="checkbox"/> Other - explain below.	


**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

addition of "For terrestrial uses,..." to the Environmental Hazards section.

**Section III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other (_____)	

**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>Sharon M. Johnston</b>	Title <b>Manager, Registrations</b>	Telephone No. (Include Area Code) <b>(201) 307-3363</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Manager, Registrations</b>	
4. Typed Name <b>Sharon M. Johnston</b>	5. Date <b>April 3, 1998</b>	

# NOTIFICATION

APR 17 1998

### RESTRICTED USE CLASSIFICATION

Due to Acute Fish Toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators Certification.

## SCOURGE® INSECTICIDE with SBP-1382\*/PIPERONYL BUTOXIDE 18% + 54% MF FORMULA II

- \* A SYNTHETIC PYRETHROID FOR EFFECTIVE ADULT MOSQUITO (INCLUDING ORGANOPHOSPHATE RESISTANT SPECIES), MIDGE (BITING AND NON-BITING), AND BLACKFLY CONTROL
- \* FOR AERIAL OR GROUND APPLICATION
- \* 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	18.00%
**Piperonyl Butoxide Technical	54.00%
INERT INGREDIENTS:‡	28.00%
	100.00%

‡Contains Petroleum Distillates

\*Cis/trans isomers ratio max. 30% (±)cis and min. 70% (±)trans. AgrEvo Environmental Health, Inc.'s SBP-1382\* brand of resmethrin insecticide.

\*\*Equivalent to 43.2% (butylcarbityl) (6-propylpiperonyl) ether and 10.8% related compounds.

\*Scourge and SBP-1382 are registered trademarks of AgrEvo Environmental Health, Inc.

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.)

EPA REG. NO. 432-667

EPA EST. NO.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

IF ON SKIN: Wash with soap and plenty of water. Get medical attention.

**See Side Panel For Additional  
Precautionary Statements**

NET CONTENTS:

### 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.

#### Environmental Hazards

This pesticide is highly toxic to fish. ~~For aquatic uses~~, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Consult your State's Fish and Wildlife Agency before treating such waters. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

### 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:** Store product in original container in a locked storage area.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** 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 only by 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: For use only 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.

This product is to be used for control of adult mosquitoes, (including organophosphate resistant species), midges (biting & non-biting) and blackflies by specially designed aircraft capable of applying ULTRA LOW VOLUME of finished spray formulation or by 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 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 18-50 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 HD or MICRO-GEN or WHISPERMIST-XL, mix product with refined soybean oil, light mineral oil of 54 second viscosity or other suitable solvent or diluent. Adjust equipment to deliver fog particles of 8-20 microns mass median diameter. Consult the following chart for dilution and application rates.

Where dense vegetation is present, the use of the higher rates and/or slower speed is recommended.

NOTE: One gal (3.79 L) of product treats up to 1510 A (611 ha) for adult mosquito control.

Treatment lb ai/A of Scourge Wanted SBP-1382/PBO	FL oz/A of Finished Spray to be Applied	Dilution by Volume		Application Rate - Fl oz/Min	
		Scourge	Solvent	5 mph	10 mph
0.001/0.003	0.5 (15ml)	1 part	4.5 parts	1.5 (44.4ml)	3.0 (88.7 ml)
	1.0 (30 ml)	1 part	10 parts	3.0 (88.7 ml)	6.0 (177.4 ml)
	3.0 (90ml)	1 part	34 parts	9.0 (266.2 ml)	18.0 (532.3 ml)
0.00175/0.00525	0.5 (15 ml)	1 part	2.37 parts	1.5 (44.4 ml)	3.0 (88.7 ml)
	1.0 (30 ml)	1 part	5.74 parts	3.0 (88.7 ml)	6.0 (177.4 ml)
	3.0 (90 ml)	1 part	19.2 parts	9.0 (266.2 ml)	18.0 (532.3 ml)
0.0035/0.0105	0.5 (15 ml)	1 part	0.68 parts	1.5 (44.4 ml)	3.0 (88.7 ml)
	1.0 (30 ml)	1 part	2.33 parts	3.0 (88.7 ml)	6.0 (177.4 ml)
	3.0 (90 ml)	1 part	9 parts	9.0 (266.2 ml)	18.0 (532.3 ml)
0.007/0.021	0.6 (18 ml)			1.8 (53.2 ml)	3.6 (106.5 ml)
	1.0 (30 ml)	1 part	0.68 parts	3.0 (88.7 ml)	6.0 (177.4 ml)
	3.0 (90 ml)	1 part	4 parts	9.0 (266.2 ml)	18.0 (532.3 ml)

**DIRECTIONS FOR STABLE FLY, HORSE FLY, DEER FLY CONTROL:**

Treat shrubbery and vegetation where 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 best results, fog 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.

Where practical, guide the direction of the equipment so that the discharge nozzle is generally maintained at a distance of more than 6 feet (1.83 m) from ornamental plants and 5-15 feet (1.5-4.5 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.

For control of adult flies in residential and recreational areas, apply this product undiluted at a rate of 36 fl oz/hr (1.065 L/hr) by use of a suitable ULV generator traveling at 5 mph (8 kph) or at a rate of 72 fl oz/hr (2.129 L/hr) while traveling 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.

9/4

**DIRECTIONS FOR USE OF AIRCRAFT**

This product is used in specially designed aircraft capable of applying ultra low volume of finished spray formulation for control of adult mosquitoes (including organophosphate resistant species), midges (biting and non-biting) and blackflies.

Aerial application should be made preferably in the early morning or evening. 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.

**USE OF FIXED WING AIRCRAFT OR HELICOPTERS**

Thoroughly mix 25.5 fl oz (755 ml) of this product with 102.5 fl oz (3030 ml) of light mineral oil of 54 second viscosity, refined soybean oil or other suitable solvent. For a treatment rate of 0.007 lb ai/A (7.85 gm/ha) SBP-1382 plus 0.021 lb ai/A (23.55 gm/ha) piperonyl butoxide tech., apply at a rate of 3 fl oz /A (219 ml/ha).

For a treatment rate of 0.0035 lb ai/A (3.93 gm/ha) SBP-1382 plus 0.0105 lb ai/A (11.77 gm/ha) piperonyl butoxide tech., apply at a rate of 1.5 fl oz/A (109.5 ml/ha).

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

**MIXING INSTRUCTIONS FOR PRODUCT IN AIRCRAFT USAGE**

This product is used diluted in mineral oil of 54 second viscosity, refined soybean oil or other suitable solvent.

<b>FL oz/A of Finished Spray to be Applied</b>	<b>lb ai/A Wanted SBP-1382/PBO</b>	<b>Volumetric Dilution Needed Product</b>	<b>Dilution Needed Solvent</b>
0.5 (15 ml)	0.001/0.003	1 part	4.5 parts
	0.00175/0.00525	1 part	2.37 parts
	0.0035/0.0105	1 part	0.68 parts
	0.007/0.021 - Apply as is 0.6 fl oz (17.7 ml)/acre		
1.0 (30 ml)	0.001/0.003	1 part	10 parts
	0.00175/0.00525	1 part	5.74 parts
	0.0035/0.0105	1 part	2.33 parts
	0.007/0.021	1 part	0.68 parts
3.0 (90 ml)	0.001/0.003	1 part	34 parts
	0.00175/0.00525	1 part	19.2 parts
	0.0035/0.0105	1 part	9 parts
	0.007/0.021	1 part	4 parts

**AgrEvo Environmental Health**  
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