

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

25 SEP 1995

Jennifer C. Stern  
AgrEvo Environmental Health  
95 Chestnut Ridge Road  
Montvale, NJ 07645

Dear Ms. Stern:

Subject: Amendment to Add Restricted Use Classification  
SBP-1382 Insecticide Concentrate 40 MF Formula I  
EPA Registration Number 432-596  
Submission Dated September 7, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below:

1. Delete Related Compounds of resmethrin and aromatic petroleum solvent as active ingredients and add their percentages to the inert total. Declare "Contains Petroleum Distillates" as a footnote to the Inert Ingredients Statement.
2. Delete the "w/w" designations in the Ingredients Statement.
3. The active ingredient must be listed as the common name Resmethrin. Delete the specific chemical name from the ingredients statement.
4. Revise the Statement of Practical Treatment to read as follows:

**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.

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

5. Revise the Precautionary Statement to read as follows:

Harmful if swallowed or absorbed through skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

CONCURRENCY

SYMBOL							
SURNAME							
DATE							

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6. Revise the Environmental Hazards statement to read as follows:

This pesticide is highly toxic to fish. 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.

7. Add the word "Combustible." to the beginning of the Physical or Chemical Hazards statement.

8. Modify the Pesticide Disposal statement to read as follows:

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.

Reference is also made to the Agency's letter dated September 20, 1995. The label claim for the active ingredient appears to be based on the lower certified limit rather than the nominal concentration. Beginning July 1, 1997, or upon reregistration of Resmethrin, the label claim must be based on the nominal concentration in accordance with Pesticide Regulation Notice 91-2.

A stamped copy of the label is enclosed for your records. Submit three copies of final printed labeling prior to releasing product for shipment.

If you have any questions or comments, please contact me at (703) 305-6788.

Sincerely,

RPK

Richard P. Keigwin, Jr.  
Product Manager 10  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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**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 Applicator's Certification.

# 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%
<b>INERT INGREDIENTS:</b>	1.95%
	100.00%w/w

\* Cis/trans isomers ratio max. 30% (±) and min. 70% (±) trans.  
† Roussel Uclaf's SBP-1382® brand of resmethrin insecticide.  
\* SBP-1382 is a registered trademark of Roussel Uclaf Corporation

EPA Reg. No. 432-596      EPA Est. No. 10370-TX-1

**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**

**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.

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**PRECAUTIONARY STATEMENTS  
Hazards to Humans & Domestic Animals**

**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling.

**Environmental Hazards**

This product is toxic to fish. Do not apply directly 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, 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 40°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 (26.5°C) and thoroughly mix before using. **DO NOT USE OPEN FLAME.**

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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 by only professional or certified applicators or under the supervision of such applicator, as a 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.

**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.

**BEST COPY AVAILABLE**

### DIRECTIONS FOR USE (cont.)

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

AT AN APPLICATION RATE OF 0.007 POUNDS OF ACTIVE INGREDIENTS 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 backpack equipment similar to the Hudson B.P. Mix 4-2/3 fl ozs (138 ml) of this product with 1 gal (3.79 L) 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 (15.2m) swath while walking at a speed of 2 mph (3.2 kph). This is equivalent to 0.007 pounds of active ingredient per hectare (7.85 grams per hectare).

For truck mounted nonthermal ULV equipment similar to LECO HD, mix 1 1/2 fl. ozs. (399 ml) of this product with one gallon (3.79 L) of light mineral oil of 54 second viscosity, refined soybean oil or other suitable solvent or diluent. Adjust equipment to deliver fog particles of 8-20 microns mass median diameter. Apply at the rate of 3 fl. ozs. (88.7 ml) of finished formulation per acre (0.4 hectare) as a 300 ft (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 (7.85 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 early morning and evening where 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. 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 or streams.

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

To 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 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 1-10 mph (1.6-16 kph) when flies are present. Repeat as required for effective control.

### 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.

**AgEvo Environmental Health**  
95 Chestnut Ridge Road  
Montvale NJ 07645

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
**25 SEP 1995**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

452-596