



**COMPANY
NUMBER**

5011

**PRODUCT
SERIAL NO.**

128

**LABEL
APPROVAL
DATE**

11-7-95



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
229270

Application for Pesticide - Section I

1. Company/Product Number 5011-128	2. EPA Product Manager Bob Brennis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Formula F-500	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Aire-Mate, Inc. P O Box 406 Westfield, IN 46074 <input type="checkbox"/> Check if this is a new address	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 _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<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.)

Revise Environmental Hazards statement per PR Notice 93-8, 93-3

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	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging 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) 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 Webster Peterson	Title Manager	Telephone No. (Include Area Code) 317-895-2531
Certification 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 Manager	
4. Typed Name Webster Peterson	5. Date 10-16-95	

FORMULA F-500

A fogging and contact insecticide containing Resmethrin

ACTIVE INGREDIENTS:

*Resmethrin 0.50%
 **Inert ingredients 99.50%
TOTAL 100.00%

*Cis/trans isomers ratio: max. 30% (±) cis and min. 70% (±) trans.

**Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration of pneumonia hazard.
- IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.
- IF ON SKIN:** Wash skin with soap and warm water. Get medical attention if irritation persists.
- IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

See Side Panels For Additional Precautionary Statements

E.P.A. Reg. No. 5011-128

E.P.A. Est. No. 5011-IN-1

MANUFACTURED BY

AIRE-MATE, INC.

17335 U.S. 31 NORTH, BOX 406

WESTFIELD, IN 46074-0406 USA

PHONE (317) 896-2531 • FAX (317) 896-3788

NET CONTENT: 1 GALLON

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area. For more information on pesticide regulations, go to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and instructions for personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants or equipment: (A) Long-sleeved shirt and long pants; (B) Shoes plus socks; (C) Protective eyewear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170).

Use this product in food processing plants only when plant is not in operation. Foods should be removed or covered during treatment. All processing surfaces should be cleaned and sanitized. Handling surfaces, utensils, and equipment must be covered or removed during treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse prior to treatment. Ventilate 2 hours after treatment before returning patients. In horse stables, not for application if horses will be used for food. Do not remain in treated areas. Use usual caution as should be followed with any insecticide. Remove pet birds and cover fish aquariums before spraying.

An insecticide for use in Baking Companies, Bottling Plants, Breweries, Candy Factories, Canneries, Distilleries, Flour Mills, Horse Stables, Hospital Maintenance, Houses and Restaurants. See caution limitations. For fogging control of flies, mosquitoes, and gnats and direct contact spraying control of roaches, ants, spiders, and other insects in thermal fogging applicators and can also be applied by ULV and other power and hand operated sprayers. Fogging application indoors for control of flies, mosquitoes, and gnats. Use this product in thermal fogging applicators and can also be applied by ULV and other power and hand operated sprayers. When application is made with foggers, use 1 oz. of F-500 per 1000 cu. ft. of space. Sweep up and destroy all dead and dying insects. Repeat when necessary. Direct contact spray application for control of roaches, ants, spiders, and other insects. Apply toward infested areas, floors, cracks and crevices to hit the insects. Apply F-500 with an efficient electric or other power or hand operated sprayer that will deliver a fine mist. Repeat treatment whenever reinfestation occurs.

KILLS ADULT WHITEFLIES IN GREENHOUSES: When applied with a fog applicator F-500 is recommended for the kill of Adult Whiteflies, prior to bloom formation on Coleous varieties, Dieffenbachia, Poinsettia, Indiana Rubber Tree, Gardenia, English Ivy, Hibiscus, Chinese Fan Palm, Foundation Palm, Geranium, Palms, Azaleas, Jew, Zephyr Lily.

PREPARATION OF THE GREENHOUSES PRIOR TO FOGGING: 1) Close all doors, windows and ventilators. 2) Take precautions to prevent animals from entering. 3) Turn off all misting systems, fans and sulphur pots. Be certain all foliage is dry. 4) Room temperature should read from 60° to 65° for best insect kill.

APPLICATION: DOBAGE: (1) Calculate in cubic feet the greenhouse space to be treated. One ounce of F-500 will treat 1,000 cu.ft. of space. Pour the required amount of F-500 into the fog applicator tank to treat the calculated space.

APPLICATION: METHOD: Walk backward down the entire length of the center aisle of the greenhouse directing the fog under the benches, swaying the machine back and forth. Keep the fog applicator nozzle at a minimum of four feet from plants. The fog applicator should never be used in a fixed position—it is to be constantly moving. Do not overapply to the point where the foliage is visibly wet. NOTE: For ground benches, walk backward down the center aisle directing the fog applicator nozzle at a 30 degree angle to the benches as often as necessary.

FOG APPLICATOR NOTICE: Flush the insecticide tank of the fog applicator immediately after each use, otherwise, residue from the formulation may remain in the tank completely, causing reduced fog output and poor insect control. Flushing immediately after using is a complete answer to the problem.

TO FLUSH:

(1) Drain insecticide tank. To avoid draining tank after fogging, pour only the required amount of insecticide and use it all in the fogging operation. (2) Pour at least 1 gallon of water into the tank. (3) Turn on fog applicator. (4) Turn off fog applicator. (5) Turn off fog applicator. (6) Turn off fog applicator. (7) Turn off fog applicator. (8) Turn off fog applicator. (9) Turn off fog applicator. (10) Turn off fog applicator. (11) Turn off fog applicator. (12) Turn off fog applicator. (13) Turn off fog applicator. (14) Turn off fog applicator. (15) Turn off fog applicator. (16) Turn off fog applicator. (17) Turn off fog applicator. (18) Turn off fog applicator. (19) Turn off fog applicator. (20) Turn off fog applicator. (21) Turn off fog applicator. (22) Turn off fog applicator. (23) Turn off fog applicator. (24) Turn off fog applicator. (25) Turn off fog applicator. (26) Turn off fog applicator. (27) Turn off fog applicator. (28) Turn off fog applicator. (29) Turn off fog applicator. (30) Turn off fog applicator. (31) Turn off fog applicator. (32) Turn off fog applicator. (33) Turn off fog applicator. (34) Turn off fog applicator. (35) Turn off fog applicator. (36) Turn off fog applicator. (37) Turn off fog applicator. (38) Turn off fog applicator. (39) Turn off fog applicator. (40) Turn off fog applicator. (41) Turn off fog applicator. (42) Turn off fog applicator. (43) Turn off fog applicator. (44) Turn off fog applicator. (45) Turn off fog applicator. (46) Turn off fog applicator. (47) Turn off fog applicator. (48) Turn off fog applicator. (49) Turn off fog applicator. (50) Turn off fog applicator. (51) Turn off fog applicator. (52) Turn off fog applicator. (53) Turn off fog applicator. (54) Turn off fog applicator. (55) Turn off fog applicator. (56) Turn off fog applicator. (57) Turn off fog applicator. (58) Turn off fog applicator. (59) Turn off fog applicator. (60) Turn off fog applicator. (61) Turn off fog applicator. (62) Turn off fog applicator. (63) Turn off fog applicator. (64) Turn off fog applicator. (65) Turn off fog applicator. (66) Turn off fog applicator. (67) Turn off fog applicator. (68) Turn off fog applicator. (69) Turn off fog applicator. (70) Turn off fog applicator. (71) Turn off fog applicator. (72) Turn off fog applicator. (73) Turn off fog applicator. (74) Turn off fog applicator. (75) Turn off fog applicator. (76) Turn off fog applicator. (77) Turn off fog applicator. (78) Turn off fog applicator. (79) Turn off fog applicator. (80) Turn off fog applicator. (81) Turn off fog applicator. (82) Turn off fog applicator. (83) Turn off fog applicator. (84) Turn off fog applicator. (85) Turn off fog applicator. (86) Turn off fog applicator. (87) Turn off fog applicator. (88) Turn off fog applicator. (89) Turn off fog applicator. (90) Turn off fog applicator. (91) Turn off fog applicator. (92) Turn off fog applicator. (93) Turn off fog applicator. (94) Turn off fog applicator. (95) Turn off fog applicator. (96) Turn off fog applicator. (97) Turn off fog applicator. (98) Turn off fog applicator. (99) Turn off fog applicator. (100) Turn off fog applicator.

NOTICE: Seller makes no warranty other than specified on this label. This buyer agrees that the seller shall not be responsible or liable for injury to crop, soil, or person handling of the product. Please use in accordance with seller's directions.

BEST COPY AVAILABLE

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

CAUTION: Harmful if swallowed. Do not breathe spray mist, vapor or fog. Avoid contact with skin, and clothing. Remove pets before using.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- A. *Long-sleeved shirt and long pants.
- B. *Chemical resistant gloves, such as Nitrile rubber \geq 14 mils or Barrier laminate \geq 14 mils or Neoprene rubber \geq 14 mils or Viton \geq 14 mils
- C. *Shoes plus socks.
- D. *Protective eyewear.
- E. *A respirator with either an organic vapor-removing cartridge with prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. For terrestrial uses, do not apply directly to water, or 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. Do not contaminate water when disposing of equipment washwaters

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near open flame or heat

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. **Pesticide Storage:** Do not use, pour, spill or store near heat or open flame. Do not store with food, feed, drugs or clothing. Store securely. Store to prevent cross contamination of other pesticides and fertilizer. Store in original, tightly closed container. Store above 35°F. **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-Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of the smoke. **Container Disposal-Metal:** 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. If subjected to temperatures below 32°F., move container to warm storage until reaching average room temperature and thoroughly mix before use.