



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
35138-82

Date of Issuance:
APR 10 2001

Term of Issuance:
Conditional

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Name of Pesticide Product:
Aero House And Garden
Insect Control

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Aerochem, Inc.
1396 Lee Lane
Raymond, MS 39154



On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c) (7) (A) provided that you:

1. Make the following label change before you release the product for shipment:
Revise the EPA Registration Number to read, "EPA Reg. No. 35138-82.

Signature of Approving Official:

George T. LaRocca
George T. LaRocca
Insecticide Branch
Registration Division (7505C)

Date:

APR 10 2001

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2. Please submit two (2) copies of your final printed labeling prior to releasing your product for shipment. A stamped copy is enclosed for you records.

Sincerely,



George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure

AERO HOUSE AND GARDEN Insect Control

- For Outdoor Residential/Homeowner Use Only
- For Use on Plants
- For Use Outdoors Around Buildings, Homes, In small Flower and Vegetable Gardens and on Fruit, Nut and Ornamental Trees
- Low Odor Formula
- Economical, 8 oz. Makes Up To 48 Gallons
- Use on Lawns, Gardens and Fruit Trees

ACTIVE INGREDIENT:

*Permethrin	10.0%
OTHER INGREDIENTS**	90.0%
	<u>100.0%</u>

*Cis/trans isomers ratio: min. 35% (±) trans.

**Contains petroleum distillates.

EPA Reg. No. EPA Est. No.

KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID

If on skin: Wash with plenty of soap and water. Get medical attention.

If Swallowed: Contact a physician or Poison Control center immediately. Drink promptly a large quantity of skim milk, egg whites or gelatin solution, or, if these are not available, large quantities of water. Do not induce vomiting unless under a physician's care. Avoid alcohol.

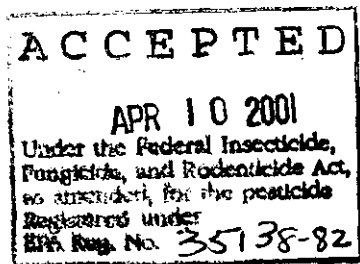
If Inhaled: Remove person to fresh air. Apply artificial respiration if indicated. Get medical attention.

If In Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

See Side Panel for Additional Precautions

NET CONTENTS:

Aerochem, Inc.
1396 Lee Lane
Raymond, MS 39154



PRECAUTIONARY STATEMENTS Hazards To Humans & Domestic Animals Warning

Causes skin irritation and moderate eye injury. Do not get on skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes. Harmful if inhaled. Avoid breathing vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. When mixing or applying, wear long sleeved shirt, long pants, socks, shoes and chemical resistant gloves. Do not use food utensils or cups for measuring. Spray with the wind to your back. Do not spray on windy days. Do not allow children or pets to go onto a treated area until the treated area such as grass or soil has dried.

Environmental Hazards

This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as specified on this label.

Physical & Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Not for use on plants being grown for sale or other commercial use, or for commercial seed production or for research purposes.

HOW TO MIX AND APPLY

Mix the recommended amount of concentrate per gallon (3.79 liters) of water and apply in accordance with the directions below. Where appropriate, measure the area to be treated by measuring the length and the width then multiply to determine the square footage of the area. Apply as a coarse spray with a pump-up or other type of hand-held sprayer. When mixing, fill the sprayer with half of the water first and then measure and add the appropriate amount of concentrate followed by the remaining water. Shake the sprayer to mix the product and water. Thorough spray coverage is necessary, but avoid spray run-off.

MEASUREMENT CONVERSION CHART

- 1 teaspoon = 0.17 fl. oz. = 5 ml.
- 1 ounce = 6 teaspoons = 29.6 ml.

ORNAMENTAL PLANTS

For use on ornamental plants, mix concentrate with water in the following manner:

Dilution	Water
1 1/3 teaspoon	1 gallon
(7 m.)	(3.79 L)

NOTE: Do not use more concentrate than recommended, as this may cause some plant injury. Use this dilution unless other instructions are given.

CONTACT AND RESIDUAL SPRAY - Apply a diluted spray. Use sufficient spray to obtain full coverage of all foliage.

HOUSEPLANTS: To protect plants in indoor landscaping, spray directly on insects to kill *leafrollers, armyworms, cutworms, cabbage worms* on chrysanthemums; *fungus gnats* on velvet plants. Spray as directed above to control *aphids, armyworms, corn earworms, fall cankerworms, inchworms, Japanese beetles, leafminers, leafrollers, mealybugs, scales, spider mites, spring cankerworms, exposed thrips and whiteflies* on the following plants:

Ageratum	English Ivy	Poinsettia
Ardisia	Fuchsia	Portulaca
Aster	Gladiolus	Pothos
Azalea	Grape Ivy	Prayer Plant
Baby's breath	Hypoestes	Purple Passion
Begonia	Ivy	Rabbits foot fern
Birds-nest fern	Juniper	Rose
Bleeding heart	Lily	Schefflera
Carnation	Marigold	Snapdragon
Chrysanthemum	Orchid	Snake Plant
Coleus	Palm	Statice
Crown of Thorns	Pansy	Velvet Plant
Cockscomb	Piperomia	Verbena
Cyclamen	Petunia	Zinnia
Dracaena	Philodendron	
Dumbcane	Piggy-back plant	

Remove infested plants from living areas prior to application. Spray plants outside in an area not likely to be occupied by children or pets (particularly fish). When leaves dry, plants can be returned to original location.

Use with care on ferns, palms and fuchsia. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours and check for possible injury.

Repeat applications may be necessary to control citrus on blackflies on non-bearing citrus; adult Japanese beetles on roses.

OUTDOOR ORNAMENTALS: Use 1 1/3 teaspoon (7 ml) of concentrate in one gallon of water.

CONTACT AND RESIDUAL SPRAY - Apply as a finished spray. Use sufficient Spray to obtain full coverage of all foliage. Spray in the late afternoon or evening when the temperature ranges from 50°F to 85°F and when there is little or no wind. Spray at the first indication of insect pests. Repeat as necessary; use intervals of 4 to 8 days. Application can be made up to the day of collection.

Spray as directed above to control *aphids, cicadas, corn earworms, fall cankerworms, inchworms, leafminers, leafrollers, mealybugs, bagworms, spider mites, exposed thrips and whiteflies* on the following plants.

Ageratum	Gladiolus	Pea shrub
Arizona Cypress	Gold bells	Petunia
Aster	Hypoestes	Philodendron
Azalea	Ivy	Poinsettia
Begonia	Lilac	Rhododendron
Coleus	Marigold	Rose
Common ninebark	Mock Orange	Snapdragon
Common Snowberry	Nannyberry	Taxus
Elm	Orchid	Wax plants
Exacum	Palm	Weeping fig
Eunoymous	Pans	Zinnia
English Ivy		

FOR ORNAMENTAL TREES GROWN AROUND THE HOME: Use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting. Use to control: *pine moths, pine needle miners, pine beetles and needle scales* on pine; *budworms* on conifers; *oakworms* on oak; *fall webworms* on cherry, elm and honeysuckle; *aphids* on tulip poplar; *citrus black flies* on non-bearing citrus; *tussock moths* on Douglas and grand firs; *leafminers* on birch; *elm leaf beetle and elm spanworms* on elms.

TO KILL CATERPILLARS: Application should be made when caterpillars are young and tents are first noticed.

For best results, apply in the late afternoon or evening when caterpillars have returned to their tents. Mix 2.5 fl oz (75 ml) of this product in one gallon (3.9 L) of water. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

TICKS (Lone Star, Bear, Black Legged), FLEAS, CRICKETS and EARWIGS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas. Mix 6.5 fl. oz. (192 ml) of concentrate in one gallon of water (1 2/3 fl. oz or 49 ml per quart) and spray infested areas thoroughly.

FOR USE ON LAWNS

For control of *ants (aids in control of fire ants)*, *armyworms*, *chinch bugs*, *crickets*, *cutworms*, *Japanese beetle grubs*, *grasshoppers*, *mole crickets* and *sod webworms*, consult the following chart.

PESTS	DILUTION	REMARKS
Armyworms Cutworms Cinch bugs Japanese beetle grubs Mole crickets Sod webworm	7 tsp/10 gal water/ 1000 ft ² (35 ml/39L water 93m ²)	For surface feeders (armyworms, cutworms cinch bugs, sod webworms), delay watering or mowing for 24 hours. For subsurface feeders (Japanese beetle grubs, mole crickets), irrigate with 1/4 inch of water immediately after application.
Crickets Grasshoppers Ants (including Fire Ants – aids in control)	3 tsp/3 gal water/1000 ft ² (15 ml/11.4 L water 93m ²)	For best results, delay watering or mowing for 24 hours after treatment.

Lawns should be no taller than 3 inches (7.6 cm) at time of application. Slightly more water may be used as long as the amount of product per area is as listed above. For heavy infestations, repeat application after two weeks.

Also for control of *cutworms* on dichondra and Irish moss. Use as directed above for lawns.

DIRECTIONS FOR USE FOR APPLICATION ON VEGETABLES (For Backyard Vegetable Gardens Only): Prepare as directed in the following chart. Use 0.25 gallon (1 quart) of finished spray per 110 square feet or one liter per 10.7 square meters of surface area.

Vegetable	Target Pest(s)	Remarks	Recommended		
			Dilution tsp/gal	Use Rate ml/gal	Finished Spray ml/liter
Asparagus (pre-harvest)	Cutworm, Asparagus Beetle	Apply for uniform coverage as needed. Do not apply more than 4 applications per crop. Can be applied up to 3 days prior to harvest.	1	5	1 1/2
(post-harvest)	Larval stages of Asparagus Beetle, Tarnished Plant Bug, Lygus Bugs, and Adult Japanese Beetle	Treat ferns or bush growth after spear harvest when insects are present.	1	5	1 1/2
Celery	Vegetable Leaf Miner, Cabbage Looper, Black and Granulate Cutworm, Fall, Beet and Southern Armyworm	Apply every 3-5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.	2	10	2 3/4
Cole Crops: Broccoli Brussels Sprouts, Cabbage, Cauliflower	Beet Armyworm, Diamond Back Moth, Imported Cabbageworm, Cabbage-aphid, Cabbage Looper	Apply every 5 days or as needed. Can be applied up to one day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts and Broccoli and 10 applications on Cabbage.	1	5	1 1/2
Eggplant	Colorado Potato Beetle, Vegetable Leaf Miner	Apply for uniform coverage as needed. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.	2	10	2 3/4
Horseradish (foliar application)	Imported Crucifer Weevil	Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.	2	10	2 3/4

Head Lettuce only (Do not use on leaf lettuce)	Cabbage Looper, Alfalfa Looper, Beet Armyworm, Corn Ear Worm and Tobacco Budworm	Apply every 5-10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.	2	10	2 3/4
Potatoes	Beet Armyworm, Colorado Potato Beetle, Potato Leafhopper, Potato Flea Beetle, Aster Leafhopper, Potato Aphid, Potato Tuberworm, Cabbage Looper, Cutworms, European Corn Borer, Potato Psyllid, Tarnished Plant Bug	Apply as needed. Do not apply more than 12 applications. Can be applied up to 67 days prior to harvest.	2	10	2 3/4
Peppers	Vegetable Leafminer, Cabbage Looper, Fleabeetle, Corn Earworm, Pepper Weevil, European Corn borer	Apply as needed, but not more than 8 sprays per season. Can be applied up to 3 days prior to harvest.	1	5	1 1/2
Spinach	Beet Armyworm, Corn Earworm, Cabbage Looper, Cutworms, European Corn Borer, Green Cloverworm and Leafhoppers	Apply for uniform coverage when needed but not more than 7 applications per season. Can be applied up to 7 days prior to harvest.	2	10	2 3/4
Sweet Corn	Corn Earworm, European Corn Borer, Fall Armyworm, Southern Armyworm	Apply every 5 days and when needed but not more than 6 applications per season. Can be applied up to 1 day prior to harvest.	2	10	2 3/4
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter.	Beet and Southern Armyworm, Tomato Pinworm, Tomato Fruitworm, Horn Worms, Granulate Cutworms, Colorado Potato Beetle, Cabbage Looper	Apply for uniform coverage when needed but not more than 6 applications per season. Can be applied up to date of harvest.	2	10	2 3/4

**DIRECTIONS FOR HOMEOWNER - BACKYARD USE
FOR FRUIT AND NUT CROPS GROWN AROUND THE HOME**

Apply finished spray to trees until foliage is dripping wet.

Trees (Fruit or Nut)	Target Pest(s)	Remarks	Recommended		
			Dilution tsp/gal	Use Rate ml/gal	Finished Spray ml/liter
Almonds	Navel Orange Worm, Peach Twig Borer	Apply when insects appear. Do not make more than 2 applications during hull spilt and 5 applications per season. Can be applied up to 7 days prior to harvest.	3	15	4
Apples	Plum Curculio, Redbanded Leafroller, Rosyapple Aphid, Spotted Tentiform Leafminer, Tarnished Plant Bug, White Apple Leafhopper, Obliquebanded Leafroller, Green Fruitworm	Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall.	3	15	4
Peaches	Lesser Peachtree Borer, Peach Twig Borer, Plum Curculio, Tarnished Plant Bug, Green Fruit Worm, Oriental Fruit Moth	Apply when insects appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.	3	15	4

Pears (dormant through delayed dormant)	Pear Pyslla	Apply during the dormant through delayed dormant growth period only. Add if desired, 8 oz. of spray oil to each gallon of mixture Do not make more than 2 applications per season.	3	15	4
(summer)	Pear Pyslla, Green Fruitworm, and Codling Moth	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.	3	15	4

STORAGE & DISPOSAL

Storage: Store in an area away from children and pets.

Disposal: Do not reuse empty container. Wrap and put in trash.

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