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498-117

10/10/2000

OCT 10 2000

Laura E. Radevski  
 Chase Products Co.  
 P.O. Box 70  
 Maywood, IL 60153

Dear Ms. Radevski:

Subject: Chase-MM House and Garden Insect Killer Formula 3  
 EPA file symbol 498-117  
 Your submission dated October 5, 2000

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. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

Delete directions for use in food handling areas. This product is not registered for use in food handling establishments, and there is no tolerance for use of allethrin in food handling establishments.

With the no-CFCs graphic, use the following language:  
 Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

Limit use in restaurants to non-food handling areas of restaurants.

In the section on protecting ornamental plants indoors, delete the following sentence:  
 If plant removal is not possible, remove or cover exposed food and food handling surfaces, including utensils.

In the section on protecting ornamental plants indoors, directions to shut off ventilation systems etc must precede the directions to spray the plants.

CONCURRENCES

|         |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|
| SYMBOL  |  |  |  |  |  |  |  |
| SURNAME |  |  |  |  |  |  |  |
| DATE    |  |  |  |  |  |  |  |

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If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

*Ann Sibold*

*for* Marion J. Johnson, Jr.  
Product Manager 3  
Insecticide Branch  
Registration Division (7505C)

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FRONT PANEL

(CHASE-MM LOGO)

HOUSE & GARDEN INSECT KILLER  
FORMULA 3

ACTIVE INGREDIENTS:

|                             |            |
|-----------------------------|------------|
| *Resmethrin .....           | 0.200% W/W |
| **d-trans Allethrin .....   | 0.150%     |
| ***OTHER INGREDIENTS: ..... | 99.650%    |
| Total                       | 100.000%   |

\*Cis/trans isomers ratio, max. 30% (+/-) cis, and min. 70% (+/-) trans. U.S. Patent Nos. 3,465,007 and 3,542,928.

\*\*Bioallethrin.

\*\*\*Contains Petroleum Distillate.

EPA Reg. No. 498-117-XXXXX

EPA Est. No. 498-IL-1

A synthetic pyrethroid for controlling the following flying and crawling insects in and around households, home greenhouses, buildings, vehicles, boats, kennels and stables.

Flying Insects: Houseflies, mosquitoes, gnats (midges), deerflies, stable flies, flying moths (millers), fruit flies, wasps, hornets, yellow jackets, bees.

Crawling Insects: Cockroaches, water bugs, bedbugs, fleas, ticks, ants, crickets, silverfish, earwigs, spiders, sow bugs, centipedes, millipedes, grain mites, grain insects.

Plant Pests: Aphids, thrips, white flies, leafhoppers, two-spotted mites, plant bugs, spittlebugs, Japanese beetles, mimosa webworms, armyworms, budworms, leaf beetles, gypsy moths, tussock moths, oakworms, sawflies, tent caterpillars, weevils, slugs, spider mites, red spider mites, cutworms.

NET WT. XX OZ. (XXX g)

[OPTIONAL NO-CFCs GRAPHIC]

KEEP OUT OF REACH OF CHILDREN

CAUTION

See precautionary statements on back of can.

with 2000  
EPA Label

OCT 10 2000

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

498-117

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**BACK PANEL**

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**FORMULATED FOR HOSPITAL • SCHOOL • HOTEL • MOTEL • OFFICE  
• RESTAURANT • LOCKER AND REST ROOM • FACTORY • INSTITUTION  
• HOME**

**READ ENTIRE LABEL BEFORE EACH USE**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Avoid contact with eyes, skin or clothing. Harmful if swallowed. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Remove pets and birds and cover fish aquariums before spraying. In hospitals, remove patients before treating and ventilate room for 2 hours before returning them.

**FIRST AID**

**IF SWALLOWED** • Call a poison control center or doctor immediately for treatment advice.  
• Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

**IF IN EYES** • Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
• Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING** • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to fish. Do not apply directly to water. Drift and runoff from treated sites may be hazardous to fish in adjacent waters.

**PHYSICAL & CHEMICAL HAZARDS**

Contents under pressure. Do not puncture. Do not use near heat or open flame. Exposure to temperatures above 130°F may cause bursting.

**DIRECTIONS FOR USE**

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

**Food Areas:** Food should be removed or covered during treatment. All food-processing surfaces should be covered during treatment or thoroughly cleaned before using. When using this product in these areas, apply only when the facility is not in operation.

### STORAGE & DISPOSAL

Do not store near heat or open flame. Do not reuse empty container. This container may be recycled in one of the limited number of aerosol recycling centers in the country. Before recycling, empty the can by using the product according to the label. **DO NOT PUNCTURE!** If recycling is not available, wrap the container and discard in the trash.

**SHAKE WELL** before each use. Aim spray opening away from person. Push button to spray.

**INDOORS:** For use in households, commercial and institutional buildings, home greenhouses and lathhouses, campers, mobile homes, vehicles and boats, as listed above.

**TO KILL FLYING INSECTS:** Houseflies, mosquitoes, gnats (midges), deerflies, stable flies, flying moths (millers), fruit flies. Close all doors and windows. Point nozzle upward. Direct spray mist to all parts of room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed.

**TO KILL WASPS, HORNETS, YELLOW JACKETS, BEES:** Application should be made in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

**TO KILL CRAWLING INSECTS:** Fleas, cockroaches, water bugs, crickets, silverfish, earwigs, spiders, sow bugs, centipedes, millipedes, grain mites, and grain insects (adults and accessible stages of confused flour beetles, red flour beetles, saw-toothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths). Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage areas. Spray directly on insects where possible. Repeat as necessary.

**GRAIN INSECTS:** For control of the insect pests listed above, remove infested grain, cereal or flour and destroy. Avoid contamination of other food and feedstuffs in the area by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed to contact all pests, and covered with shelf paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

**TO KILL SPIDERS:** Spray directly on these pests and use repeated applications to the webs and all cracks and crevices which harbor spiders.

**TO KILL ANTS:** Spray doors, around window frames, ant trails and hills.

**TO KILL BEDBUGS:** Apply as a spot treatment to cracks and crevices around baseboards, floorboards and walls. First, thoroughly clean and air mattresses and springs. Then spot-treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

**USE ONLY ON CATS AND DOGS**

**TO KILL FLEAS & TICKS ON DOGS, CATS & PREMISES:** Apply directly to animals along back, under forelegs, and on other areas except scrotum and anus. Part hair to contact skin and insure good coverage. Hold nozzle about 1 foot away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes or mouth of animal. Repeat within 24 hours of first treatment if necessary.

**DO NOT USE** on kittens or puppies under 12 weeks old.

Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant or nursing animals. Sensitivities may occur after using ANY pesticide products for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

To reduce reinfestation, thoroughly spray the animal's bedding and other resting areas until the surface is slightly moist. Treat these areas at the rate of 2 seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of dog house. Repeat as necessary, thoroughly spraying floors, cracks, crevices and bedding. Hit as many insects directly as possible.

**TO PROTECT ORNAMENTAL PLANTS** in home greenhouses, lathhouses, homes, commercial and institutional buildings, and for indoor landscaping. Spray directly on insects as directed below to kill aphids, exposed thrips, whiteflies, leafhoppers, plant bugs, two-spotted mites, red spotted mites, spider mites, cutworms and slugs on the following plants:

- African violet, ageratum, amaranth, false azalea, begonia, Christmas cactus, chrysanthemum, cockscomb, coleus, gold-dust croton, cup flower, daisy, daphne, dracaena, dumbcane, fatshedera, asparagus fern, fuchsia, geranium, heliotrope, hibiscus, impatiens, ivy, jade, Jacob's ladder, lilac, lobelia, marigold, mayten tree, nasturtium, petunia, philodendron, pathos, rose snapdragon, silver vase, toyon, verbena, umbrella tree, wax plant, zinnia.

Contact spray for pests listed above. Hold container 18 inches from the infested plants. Spray in short bursts from 1 to 3 seconds of spray at the rate of 1 linear foot of growth per second. Direct spray to all sides, covering foliage until slightly moist. Avoid heavy wetting. Repeat as necessary to obtain control. If application is made indoors, remove infested plants from living and eating areas prior to spray application. Spray several plants at once and in an area not likely to come in contact with pets, children or food. When leaves dry, plant can be returned to original position. If plant removal is not possible, remove or cover exposed food and food handling surfaces, including utensils. Shut off ventilation systems, air ducts and air conditioning equipment. Avoid spray contact with surrounding surfaces in

area. Leave the sprayed area after treatment and ventilate.

**USE WITH CAUTION** on African violets, ash, azalea, Reiger begonia, browalia, caenothus, camellia, columnea, coloneaster, cyclamen, cypress, plumosa fern, gloxinia, impatiens, juniper, nonbearing mulberry and quince, oxalis, jade and primrose. 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.

**OUTDOORS:** For use around residential, commercial and institutional buildings, gardens, home greenhouses, yards, patios, mobile homes, campers, boats and swimming pools, for controlling household and plant pests listed below.

**TO KILL** houseflies, mosquitoes, gnats (midges), deerflies, flying moths (millers), fruit flies: Spray resting areas to reduce annoyance from these pests. Follow precautions listed above. Hold container 18 to 24 inches from shrubs, bushes and grassy areas. Spray only when the air is still. Allow spray to dissipate before occupying the treated area. Repeat as necessary.

Wasps, hornets, yellow jackets, bees: Same as directed above for indoor use. Application should be made late in the evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible. Repeat as necessary.

Ants and fleas: Same as directed above for indoor use.

Crickets, silverfish, earwigs, spiders, sow bugs, centipedes and millipedes: Same as directed above for indoor use.

**TO PROTECT ORNAMENTAL PLANTS:** Spray directly on insects as directed below to kill aphids, exposed thrips, whiteflies, leafhoppers, Japanese beetles, plant bugs, spittlebugs, two-spotted mites, red spider mites on althea, white birch, cypress, dogwood, euonymus, forsythia, hemlock, holly, locust, maple, mimosa, nonbearing citrus and cranberry, oak, palm, viburnum, pine, pyracantha, rhododendron, spirea, spruce, toyon, also mimosa webworm on mimosa.

To kill armyworms, budworms, leaf beetles, gypsy moths, tussock moths, oakworms, sawflies, tent caterpillars and weevils on the above plants, also slugs, spider mites on chrysanthemums, cutworms on gladiolus and petunia. To kill aphids, exposed thrips, adult whiteflies, leafhoppers, plant bugs, spittlebugs and Japanese beetles on African violets, ageratum, begonia, broadleaf acacia, chrysanthemum, coleus, daisy, daphne, fatshedera, geranium, honeysuckle, iris, ivy, marigold, nasturtium, peony, philodendron, queen sago, roses, snapdragon, tobira, zinnia.

**CONTACT SPRAY DIRECTIONS FOR ABOVE PESTS:** Hold container 18 inches from infested plants. Spray in short bursts from 1 to 3 seconds or spray at the rate of 1 linear foot of growth per second. Direct spray to all sides covering foliage until slightly moist. Avoid heavy wetting. Repeat as necessary to obtain control. For adult whiteflies and two-spotted mites be sure to direct spray to contact these pests. Thoroughly cover the infested area. Use several repeat applications at two-day

intervals if necessary.

**USE WITH CAUTION** on African violet, ash, azalea, Reiger begonia, browalia, caenothus, camellia, columnea, coloneaster, cyclamen, cypress, plumosa fern, gloxinia, impatiens, juniper, nonbearing mulberry, flowering quince, oxalis, jade, primrose and rose, including hybrid tea rose. These plants may be subject to leaf or flower burn under certain conditions of use. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and, therefore, a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours and check for possible injury.

**THE USER OF THIS PRODUCT ASSUMES ALL RISKS OF USE, STORAGE AND HANDLING NOT IN ACCORDANCE WITH ITS DIRECTIONS AND CAUTIONS.**

Questions about this product? Call (708) 865-1000.

MEDICAL INFORMATION ONLY:

Chem-Tel, Inc. (800) 255-3924

CHASE LOGO

Putting the best at your fingertips.™

P.O. Box 70 • Maywood, IL 60153

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