

JUN 24 1991

Mr. Jerry Grossblatt  
Momar, Inc.  
1830 Ellsworth Industrial Drive NW  
Atlanta, GA 30318

Dear Mr. Grossblatt:

Subject: Revised labeling  
IMPERIAL V THERMAL FOGGER  
EPA Registration Number 1553-111  
Submission dated June 12, 1991

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. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Delete "Aromatic Petroleum Hydrocarbons" from the active ingredient statement and add this percentage to that for the inert ingredients. Do not list "Aromatic Petroleum Hydrocarbons" separately.
2. Revise the ENVIRONMENTAL HAZARDS statement to read as follows:

#### 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. Do not contaminate water when disposing of equipment washwaters. When used on ships, do not wash or flush freshly sprayed surfaces into adjacent waters.

Sincerely,



Richard F. Mountfort  
Product Manager 10  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

**DIRECTIONS FOR USE**

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

**FOR USE INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, FOOD HANDLING ESTABLISHMENTS, PACKAGING AND PROCESSING PLANTS, SEED HOUSES, COMMERCIAL, INDUSTRIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, MILK HANDLING AREAS OF MILK PLANTS, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, BAKERIES, BOATS, SHIP CABINS, AND HOSPITALS. IN HOSPITALS, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT, ALSO FOR USE IN BUSES, AUTOMOBILES, TRUCKS, BOXCARS, AND SHIP CARGO HOLDS. ALSO FOR USE IN DOG KENNELS AND HORSE STABLES. IN HORSE STABLES, NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD.**

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

**INDOORS**

**Space Spray:** To kill flies, mosquitoes, gnats, small flying moths (milkers), fruit flies, vinegar flies. Close room or area to be treated. Shut off air conditioner and ventilator system. Seal all open vents. Remove fish and pets. Apply undiluted as a very fine mist space spray through manually operated equipment or with electrical and other powered applicators. Avoid staining by holding the spray nozzle at least five feet from the object. Direct the fine spray mist toward the upper corner of the room. Fill the room with a fine mist space spray at the rate of 3 fluid ounces per 5,000 cubic feet. Leave room closed for one-half hour. Ventilate thoroughly before re-entry. Sweep up and destroy insects.

**Contact Spray:** To kill cockroaches, waterbugs, crickets, silverfish, earwigs, sowbugs, carpet beetles, centipedes, millipedes. Adjust spray to produce large wetting type spray particles. Direct spray to contact these insects in cracks and crevices in floors, baseboards, around pipes, behind cabinets, and other harborages. Spray these infested areas until thoroughly wet. Repeat as necessary.

**To Kill Spiders:** Spray directly on these pests and use repeated application to the webbing 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, bedboards, 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.

**To Kill Fleas and Ticks:** Spray directly on insects as well as floors, floor coverings, baseboards, cracks and crevices, infested furniture, and animal resting areas. Hold spray nozzle about 18 inches from areas to be treated. Apply spray until area is moist. Treat pet bedding the same way. Also spray entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until water has dried. Remove or cover animal feed before spraying. Also, treat dogs, cats, and horses with a registered flea control product before they re-enter the treated area.

**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals

**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing mist. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Remove pets and cover fish aquariums before spraying.

**FIRST AID**

In case of contact, immediately flush skin and eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS.** This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment nor disposal of wastes. When used on ships, do not wash or flush freshly sprayed surfaces into adjacent waters.

**PHYSICAL OR CHEMICAL HAZARDS.** Extinguish open flame before space spraying. This formulation is combustible. **DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUN 24 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product has been registered under EPA Reg No. 1553-111

**IMPERIAL  
THERMAL FO**

**A SYNTHETIC PYRETHROID FOR CONTROLLING THE FOLLOWING INSECTS:** Houseflies, Mosquitoes, Gnats, Small Flying Moths, Wasps, Hornets, Yellow Jackets, Cockroaches, Waterbugs, Fleas, Earwigs, Spiders, Grain Insects (Adults of confused flour beetle, beetles, Grain weevils, Angoumois grain moths, Mediterranean flour mites), Carpet Beetles, Sowbugs, Centipedes, Millipedes, White

**ACTIVE INGREDIENTS:**

\*-Resmethrin ([5-(phenylmethyl-3-furyl) methyl 2-(2-cyclopropanecarboxylate).....  
Aromatic Petroleum Hydrocarbons .....

**\*\*INERT INGREDIENTS .....**

\*Cis/trans isomers ratio: max 30% (±) cis, and min. 70% (±) trans  
\*\*Contains petroleum distillate  
•U.S. Patent Nos 3,465,007 and 3,542,928  
Roussel Bio's SBP-132® brand of resmethrin insecticide  
Roussel Bio Corp., 400 Sylvan Avenue, Englewood Cliffs, NJ 07632

E.P.A. Reg. No. 1553-111

**CAUTION  
KEEP OUT OF REACH OF CHILDREN  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS**

Manufactured by  
**MOMAR**

**INCORPORATED**  
1830 Ellsworth Industrial Drive, N.W.  
A Cleaning Force Throughout The World  
Providing Products of Momar  
U.S.A., Canada, Europe, Africa, Australia

Net Contents: \_\_\_\_\_

**BEST AVAILABLE**

213

To Kill Grain Insects: Adults of confused flour beetles, saw-toothed grain beetles, shiny spider beetles, grain weevils, Angoumois grain moth, Mediterranean flour moth, Indian meal moth, grain mites. 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, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests, and covered with shell paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

To Kill Wasps, Hornets, Yellow Jackets: Application should be made in late evening when insects are at rest. Spray liberally into hiding and breeding places contacting as many insects as possible. Repeat as necessary.

#### OUTDOORS

To Control Nuisance Pests Among Building, Patios, and Paved Areas: Apply as a contact spray. Spray directly on insects. Avoid spraying turf and plants.

Ants and Fleas: Same as directed for indoor use.

Wasps, Hornets, Yellow Jackets: Same as directed for indoor use. Application should be made in late evening when insects are at rest. Aim spray at nest openings in bushes, under eaves, chimneys, cracks, and crevices to saturation in and around nest openings. Contact as many insects as possible.

Earwigs, Sawflies, Spiders, Centipedes, and Millipedes: Apply as a contact spray, as for indoor use. To control named flying and crawling insects around premises, spray thoroughly around doors, window frames, and similar areas of entry. Also thoroughly spray garbage and refuse areas, especially around poultry houses, barns, and similar areas of heavy infestation. Do not spray on turf or plants.

Thermal Applications: For control of flies and mosquitoes: This formulation is to be used undiluted in only such portable thermal application equipment that can deliver spray particle sizes within the aerosol size range.

Thermal Applications Indoors: For the control of flies, mosquitoes, and gnats in warehouses, restaurants, and industrial institutions. Remove or cover exposed food and food handling surfaces. Remove animals and plant life. Shut off existing systems, air ducts, air conditioning equipment and close off area to be treated. Do not apply while food processing plant is occupied or in operation. Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1 1/3 fluid ounces per 1,000 cubic feet of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one-half hour. Do not remain in treated areas. Ventilate the area after treatment.

Thermal Applications Outdoors: For reduction in annoyance from flies, mosquitoes, and gnats in yards, patios, owned swimming pools, horse stables, and other small area applications. Hold thermal applicator at least five feet away from object, especially plants and shrubbery. Avoid wasting any plant foliage. Apply undiluted at the rate of 3 1/4 gallons per acre. Fog only when there is no breeze, or the wind velocity is less than 3 miles per hour. The ideal time is generally dusk when the wind dies down and the air temperature and ground temperature are approximately the same. Under these conditions, the fog will linger in the treated area for a longer time. Apply fog while moving away from treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat application as necessary.

### STORAGE AND DISPOSAL

#### DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

STORAGE: Store at temperatures above 32°F. Open dumping is prohibited. Do not reuse empty container. If contents are spilled or leaked due to container damage, collect liquid with absorbent material and dispose of in accordance with Local, State, and Federal pesticide regulations.

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: Metal Containers — Triple rinse (or equivalent). Then offer for recycling or conditioning, or puncture and dispose of in a sanitary landfill, or by other procedures as required by State and local authorities.

BEST AVAILABLE COPY