

# F-50 FOGGING COMPOUND

## 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.

### FOR CONTROL OF FLYING AND CRAWLING INSECTS IN BUILDINGS AND OUTDOORS

**A SYNTHETIC PYRETHROID FOR CONTROLLING THE FOLLOWING FLYING AND CRAWLING INSECTS:** House flies, Mosquitoes, Gnats, Flying Moths (Milkers), Fruit Flies, Vinegar Flie., Wasps, Hornets, Yellow Jackets, Cockroaches, Waterbugs, Fleas, Ticks, Ants, Crickets, Silverfish Earwigs, Spiders, Grain Insects (Adults of confused flour beetles, Saw-toothed grain beetle, Shiner Spider beetles, Grain weevils, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, Grain mites), Carpet beetles, Sowbugs, Centipedes, Millipedes, Bedbugs and Lice.

#### ACTIVE INGREDIENTS:

\* Resmethrin [5-(phenylmethyl)-3-furanyl] methyl  
2,2-dimethyl 3-(2-methyl-1-propenyl)  
cyclopropanecarboxylate ..... 0.500% w/w

"INERT" INGREDIENTS\*\* ..... 99.500%  
TOTAL ..... 100.000% w/w

\*\* Contains Petroleum distillate

\* Cis/trans isomer ratio: Max 30% (+) cis and min. 70% (+) trans

\* Roussel Bio's SBP-1382® brand of resmethrin insecticide.

Roussel Bio Corp., 400 Sylvan Avenue, Englewood Cliffs, N.J. 07632

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE SIDE PANEL FOR ADDITIONAL

PRECAUTIONARY STATEMENTS

### 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, HOMES, SCHOOLS, WAREHOUSES, FOOD PLANTS, FOOD HANDLING ESTABLISHMENTS, FOOD WAREHOUSES PACKAGING AND PROCESSING PLANTS, SEED HOUSES, COMMERCIAL, INDUSTRIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, MILK HANDLING AREAS OF MILK PLANTS, MILK STORAGE ROOMS, DAIRY BARN, 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 this product in these areas, apply only when facility is not in operation.

EPA Reg. No. 33161-19

EPA Est. No. 33161-TN-1

Manufactured by:

**BIG F**  
FLOUR MILLS  
FEED MILLS  
FOOD PROCESSORS  
FOOD WAREHOUSES  
SHIPMENT STORAGE  
FOG & SPRAY EQUIPMENT  
**INSECTICIDES, INC.**

P. O. Box 3346  
Jackson, TN 38303  
Phone # (901) 427-0497

Batch:

Net Contents:

**THERMAL APPLICATIONS:** This formulation is to be used undiluted in only such portable thermal applicator equipment that can deliver spray particle sizes within the aerosol size range.

**THERMAL APPLICATIONS INDOORS:** For the control of house flies, mosquitoes, gnats, roaches, and spiders in warehouses, restaurants and industrial institutions. Remove or cover exposed food and food handling surfaces, remove animals and plant life. Shut off ventilating systems, air ducts, air-conditioning equipment and close off room or 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 fl. oz. per 1,000 cu. ft. of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least 1/2 hour. Do not remain in treated areas. Ventilate the area after treatment.

**THERMAL APPLICATIONS OUTDOORS:** For reduction of annoyance in yards, patios, around swimming pools, picnic areas, campsites, drive-ins, cow barns, horse stables, and other small area applications. Hold thermal applicator at least 5 ft. from any object, especially plants and shrubbery. Avoid wetting any plant foliage. Apply undiluted at the rate of 3 3/4 gal. per acre. Fog only when there is no breeze, or the wind velocity is less than 3 mph. The ideal time is generally at dusk when 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 the treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat applications as necessary.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** If this material has been exposed to temperatures below 32° F (0°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. For Containers One Gallon and Under: Store product in original container in a locked storage area.

**Pesticide Disposal:** For containers Over One Gallon: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** For containers One Gallon and Under: Do not reuse empty container. Wrap container and put in trash.

For Containers Over One Gallon: Triplicate (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.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

#### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration or pneumonia hazard.

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

**IF ON SKIN OR CLOTHING:** Remove contaminated clothing and wash before reuse. 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.

**ENVIRONMENTAL HAZARDS:** This product 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.

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

#### 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 use or the results to be obtained if not used in accordance with directions or established sale practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

**SPACE SPRAY:** To kill house flies, mosquitoes, gnats, flying moths (millers), 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 objects. Direct the fine spray mist toward the upper corners of the room. Fill the room with a fine mist spray at the rate of 3 fl. oz. 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, fleas, waterbugs, crickets, silverfish, earwigs, sowbugs, carpet beetles, 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 applications to the webbing and all cracks and crevices which harbor spiders. (Also refer to thermal applications)

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

**TO KILL BEDBUGS AND LICE:** 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 pests, 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 spray has dried. Remove or cover animal feet before spraying. Also, treat dogs, cats and horses with a registered flea-control product before they re-enter the treated area.

**TO KILL GRAIN INSECTS:** Adults of confused flour beetles, saw-toothed grain beetles, shiny spider beetles, grain weevils, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites. Remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the areas 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 so as 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. (Also refer to thermal applications)

**TO KILL WASPS, HORNETS AND 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. (Also refer to thermal applications)

## **OUTDOORS:**

To control nuisance pests around buildings, patios and paved areas: Apply as a contact spray. Spray directly on insects. Avoid spraying turf or plants.

**TO KILL ANTS AND FLEAS:** Same as directed for indoor use.

**TO KILL WASPS, HORNETS, YELLOW JACKETS:** Same as directed for indoor use. Air spray at all openings in bushes, under eaves, chimneys, cracks and crevices to saturation in and around nest openings. Contact as many insects as possible.

**TO KILL EARWIGS, SOWBUGS, SPIDERS, CENTIPEDES AND MILLIPEDES:** Apply as a contact spray, as for indoor use. To control named living 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.

3.13

**ACCEPTED**  
**23 JUN 1994**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under  
EPA Reg. No. 8211-19