

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
33161-19

DATE OF ISSUANCE  
13 DEC 1993

TERM OF ISSUANCE  
Conditional

NOTICE OF PESTICIDE:  REGISTRATION  
 REREISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

F-50 Fogging Compound

161/5455/103  
18/1

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Reg # 33161-17  
Big F Insecticides, Incorporated  
P.O. Box 3346  
Jackson, Tennessee 38303

FILE COPY 123

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Add the phrase "EPA Registration No. 33161-19" to the label prior to releasing the product for shipment.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.
4. Specify the terms "small flying moths" and "flying and crawling insects" wherever these appear in the label text.
5. Delete the subheading FIRST AID and the corresponding instructions. In addition, expand the statement HAZARDS TO HUMANS to read as follows: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. Also, add the following text to this same section directly below the word CAUTION, as follows:

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

Harmful if swallowed or absorbed through 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

ATTACHMENT IS APPLICABLE fish aquariums before spraying.

SIGNATURE OF APPROVING OFFICIAL

DATE

Dec 13 1993

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6. The following heading should appear above the ~~IF SWALLOWED~~ statement: **STATEMENT OF PRACTICAL TREATMENT**. Note that the **STATEMENT OF PRACTICAL TREATMENT** is normally required to appear on the front panel of the product label, directly below the child hazard warning and the accompanying signal word.

7. Delete the phrase "and other small area applications" where it appears on the product label. All use sites must be specified.

8. Revise the **ENVIRONMENTAL HAZARDS STATEMENT** as follows:

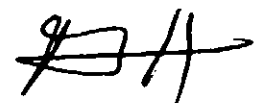
**ENVIRONMENTAL HAZARDS**

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Mr. Adam Heyward  
Acting Product Manager 10  
Insecticide-Rodenticide Branch  
Registration Division

**BEST AVAILABLE COPY**

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

3  
2  
3

**INDOORS**

**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 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 feed before spraying. Also, treat dogs, cats and horses with a registered flea comb 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)

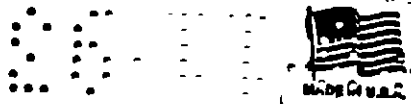
**OUTDOORS:**

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. Aim spray at nest openings in bushes, under eaves, chimneys, cracks and crevices to saturation 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 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



**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 (Millers), Fruit Flies, Vinegar Flies, Wasps, Hornets, Yellow Jackets, Cockroaches, Waterbugs, Fleas, Ticks, Ants, Crickets, Silverfish, Earwigs, Sowbugs, 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), Carpet beetles, Sowbugs, Centipedes, Millipedes, Bedbugs and Lice.

**ACTIVE INGREDIENTS:**

\* Resmethrin [5-(phenylmethyl)-3-turanyl] methyl  
2-dimethyl 3-(2-methyl-1-propenyl)  
cytopropenecarboxylate

**INERT INGREDIENTS\*\***

**TOTAL**

0.500% w/w  
99.500%  
100.000% w/w

\*\* Contains Petroleum distillate  
\* Contains isomerization. Max 30% (s) cis and min 70% (s) trans  
\* Roussel Bio's SBP-1362® 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

EPA Est. No. 33161-TN-1

Manufactured by:

**BIG F INSECTICIDES, INC.**

FLOUR MILLS  
FEED MILLS  
FOOD PROCESSORS  
FOOD WAREHOUSES  
FURNITURE STORAGE  
FOOD SPRAY EQUIPMENT

P O Box 3348  
Jackson, TN 38303  
Phone # (901) 427-0497

**ACCEPTED with COMMENTS**  
in EPA Letter

Batch:

Net Contents:

**13 DEC 1993**

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

33161-19

**THERMAL APPLICATIONS:** For the control of flying and crawling insects, use such portable thermal applicator equipment that can deliver spray particles.

**THERMAL APPLICATIONS INDOORS:** For the control of house flies, flying and crawling insects in warehouses, restaurants and industrial food handling surfaces, remove animals and plant life. Shut off vents and close off room or area to be treated. Do not apply while food preparation is in progress. Apply as a dry fog at the rate of 1 1/3 fl. oz. of applicator toward the upper corners of the room and along the ceiling in treated areas. Ventilate the area after treatment.

**THERMAL APPLICATIONS OUTDOORS:** For reduction in annoyance around swimming pools, picnic areas, campsites, drive-ins, cone barns. Hold thermal applicator at least 5 ft. from any object, especially plants. Apply undiluted at the rate of 3 3/4 gal. per acre. Fog only when the wind is light. The ideal time is generally at dusk when wind dies down and the air is calm. Under these conditions the fog will linger in the treated area. Avoid inhalation of the fog. Do not enter treated areas until after 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) for crystallization, if evident, warm to 80°F (26.5°C) and thoroughly mix. For Containers One Gallon and Under: Store product in original container. For Containers Over One Gallon: Waste must be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** For containers One Gallon and Under: Empty and put in trash. For Containers Over One Gallon: Triple rinse (or equivalent) and dispose of in a sanitary landfill or by other procedures approved by local authorities.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Hazard of pneumonia hazard.  
**IF IN EYES:** Flush with plenty of water. Get medical attention.  
**IF ON SKIN OR CLOTHING:** Remove contaminated clothing and wash before wearing. Get medical attention if irritation persists.  
**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if necessary.

**FIRST AID**

In case of contact, immediately flush skin and eyes with plenty of water. If irritation persists, call a physician. **ENVIRONMENTAL HAZARDS:** This pesticide is highly toxic to fish and aquatic life. **PHYSICAL AND CHEMICAL HAZARDS:** Evaporates and is combustible. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon tests by the manufacturer. No guarantee, expressed or implied, is made by the manufacturer if not used in accordance with directions or established procedures, including injury or damage, resulting from its misuse.

**BEST AVAILABLE**