

PM 17 REG 6218-67

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 6218-67	DATE OF ISSUANCE JUL 21 1989
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE: REGISTRATION REREГИSTRATION

Under the Federal Insecticide, Fungicide, and Rodenticide Act (as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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.

... that ...

... data ... required for registration ... registration of your ... section 3(c) of 5 when the Agency requires all registrants ... products to submit such data.

... the labeling ... listed below ... you release the product ...

- Add the phrase "EPA Registration No. 6218-67"
- Change the physical hazard statement to read:

Do not use or store near heat or open flame.

- The ingredient statement must appear as follows:

ACTIVE INGREDIENTS:

*d-trans-chrysanthemum mono-carboxylic acid ester of d-2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one 1.00%

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL
See P. 2

DATE
 7/21/89

**piperonyl butoxide, technical . . . 2.00%
 N-Octyl bicycloheptene
 dicarboximide 3.00%
 ***INERT INGREDIENTS: 94.00%

Note all isomers are combined.

3. Submit the results of the 1-year storage stability study. This information must be submitted within 15 months of the date of this Registration Notice.

4. Submit five (5) 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.

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.

Phil Hutton
 Product Manager (17)
 Insecticide-Rodenticide Branch
 Registration Division (H7505C)

Enclosures

3/4

ESBIOL® FOGGING CONCENTRATE 1-2-3

For Use Undiluted or Diluted With Oil

For Use in the Home, and Non-Food and Food Areas of: Food Processing Plants, Schools, Warehouses, Office Buildings, Theatres, Garages, Hotels, Motels, Kennels.

ACTIVE INGREDIENTS:

*d-trans-chrysanthemum monocarboxylic acid ester of d-2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one	0.928%
Other isomers	0.072%
**Piperonyl butoxide, technical	2.000%
*N-Octyl bicycloheptene dicarboximide	3.000%

*****INERT INGREDIENTS:**

94.000%
100.000%

- *S-bioallethrin from ESBIOL®
- **Equivalent to 1.60% (butylcarbityl)(6-propylpiperonyl) ether and 0.40% related compounds.
- *MCK® 264, Insecticide Synergist
- *** Contains Petroleum distillates.

ESBIOL® - Registered Trademark of Roussel-Uclaf; Paris, France

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED: Call a Poison Control Center or physician. Do not induce vomiting because of aspiration hazard.
- IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.
- IF ON SKIN OR CLOTHING: Remove contaminated clothing. Wash skin with soap and warm water. Get medical attention if irritation persists.
- IF INHALED: Remove victim to fresh air and apply artificial respiration if effects occur.

CAUTION

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Wear a pesticide respirator jointly approved by the Mining Enforcement Safety Administration and the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Contains petroleum distillate. If swallowed do not induce vomiting. Get immediate medical attention. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists.

Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After space spraying in meat packing plants, bakeries and other food processing plants, wash all equipment, benches, shelving, etc. where exposed food will be handled, with an effective cleaning compound followed by a potable water rinse. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use.

Remove pets, birds and cover fish aquariums before spraying.

2/20/89

Physical Hazards

Do not store near heat or open flame.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 21 1989

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

6218-67

3A

DIRECTIONS FOR USE

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

UNDILUTED APPLICATION

General: This product can be used undiluted in mechanical sprayers which produce particles of aerosol size, such as the LECO or MICRO-GEN.

To Kill Houseflies, Mosquitoes, Gnats and Small Flying Moths: Close room and shut off all air conditioning or ventilating equipment. Using a cold fog generator, apply at the rate of one-half (.5) ounce per 1,000 cu. ft. of space. Direct output from aerosol generator upwards toward upper corners of room and ceiling. Leave room closed for one half hour. Ventilate room thoroughly before re-entry. Repeat as necessary.

To Kill Cockroaches, Rice Weevils, Sawtoothed Grain Beetles, Confused Flour Beetles, Black Carpet Beetles, and Indianmeal Moth Larvae: Close room and shut off all air conditioning or ventilation equipment. Using a cold fog aerosol generator, direct discharge into areas suspected of harbouring these pests. Special attention should be paid to cracks, hidden surfaces under sinks, behind stoves and refrigerators, and wherever these pests are suspected of hiding. Spray until treated surfaces are moist with deposit. Leave room closed for one half hour. Ventilate room thoroughly before re-entry. Repeat as necessary.

DILUTED APPLICATION

General: This product can also be diluted 1 part to 1-1/2 (1.5) parts petroleum distillate and applied as directed below.

Space Spray to Kill House Flies, Mosquitoes, Small Flying Moths and Gnat: Close room and shut off all air conditioning and ventilating equipment. Apply with mechanical or compressed air sprayer or with fogger that gives small particle size. Direct spray upwards toward upper corners of room and ceiling. Apply at the rate of 0.5 to 1.0 fluid ounces per 1,000 cubic feet of space to be treated. Vacate room and leave closed for 10 to 15 minutes. Ventilate thoroughly prior to re-entry. Sweep up and destroy fallen insects. Repeat as necessary.

Contact or Surface Spray to Kill Cockroaches, Ants and Crickets: Apply with a sprayer that will give coarse wet droplets. Force spray into cracks and crevices in walls and floors, areas at base of machinery, behind cabinets, around pipes and openings, along baseboards and other insect harbourages. Use one gallon of spray per 1,000 sq. ft. of surface to be treated. For ants, spray trails and all points of entry into building. Spray ant nests directly with a soaking application. In all cases contact as many insects as possible with the spray. Repeat application as necessary for control.

To Kill Carpet Beetles: Directly spray as many insects as possible. Spray both interior and exterior of upholstered furniture. Both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture and wherever these insects are seen or suspected. Repeat as necessary.

To Kill Bedbugs: Spray mattresses thoroughly, especially around seams and tufts. Spray bedstead, baseboards, floor boards and wall cracks and crevices. Allow spray to dry before contact. Repeat frequently.

To Kill Exposed Forms of Confused Flour Beetles, Sawtoothed Grain Beetles, Lesser Grain Borers, and Rice Weevils: Find and destroy infested package goods. Remove all other items from pantry. Spray the shelves to kill any of the named insects present. Place clean paper on the shelves and return packages after shelves have dried. Repeat as necessary.

To Kill Fleas: Remove and destroy animals bedding and spray sleeping quarters freely. Direct spray into cracks and crevices. Allow spray to dry and replace clean bedding. Do not spray animals directly. Repeat as necessary.

NOTE: When diluting this product for use, an odorless light petroleum hydrocarbon as defined by CFR Title 21, §172.804 should be used for all food area and food related applications. Additionally, when diluted and used according to label directions, this spray will meet specifications for use under USDA meat, poultry, shell egg grading and egg products inspection programs.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place. Keep container closed.

Pesticide Disposal: Wastes resulting from the use of this product may be used on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and Local procedures.

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A PRODUCT OF

BALTIMORE

Summit
CHEMICAL CO.

MARYLAND

INSECTICIDES FOR THE FOOD INDUSTRY

EPA REGISTRATION NO. 6218-
EPA ESTABLISHMENT NO. 6218-MD-2

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