

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

EPA REGISTRATION NO.

3862-79

DATE OF ISSUANCE

MAR 27 1990

TERM OF ISSUANCE

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

NAME OF PESTICIDE PRODUCT

Insect Death Mist

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

A.B.C. Compounding Co., Inc.
P.O. Drawer 585
Morrow, GA 30260

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.
2. Add the phrase "EPA Registration No. 3862-79" to your label before you release the product for shipment.
3. 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

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

3/1/90



INSECT DEATH MIST

Emulsifiable Spray Concentrate

Authorized by the U.S.D.A. for use in federally inspected meat and poultry plants.

ACTIVE INGREDIENTS:

Pyrethrins	1.20%
Piperonyl Butoxide Technical*	9.60%
Petroleum Distillates	81.20%
INERT INGREDIENTS:	8.00%
TOTAL	100.00%

Equivalent to 7.68% (Butylcarbityl) (6-Propylpiperonyl) ether and 1.92% related compounds.
 E.P.A. REG. NO. 3862 - E.P.A. EST. NO. 3862-GA-1
 NET CONTENTS
 LOTS

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

- *If swallowed—Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING.
- *Vomiting may cause aspiration pneumonia.
- *If inhaled—Remove person to fresh air.
- If on skin—Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes—Flush eyes with plenty of water. Call a physician immediately if irritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Keep out of reach of children. Avoid breathing spray mist. Avoid skin and eye contact. Wash thoroughly after handling and before eating or smoking. Do not allow children or pets to contact treated surfaces until spray has dried. Do not use on plants. Do not allow spray to contact food, feedstuffs, or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product. Remove pets and cover fish bowls before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by disposal of wastes. Apply this product only as specified on this label.

PHYSICAL HAZARDS

Do not use, or store near open flame. Exposure to temperature over 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. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

USE PRECAUTIONS: The use of this product as a space spray in food processing plants should be confined to time periods when the plant is not in operation. Foods should be removed or covered before treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Remove any birds, pets or fish aquaria before spraying. When diluting with water, prepare only the amount needed for immediate use. Holding a water dilution more than 24 hours is not recommended. Agitate occasionally. For oil dilutions, a deodorized petroleum oil is recommended. Vacate premises after treatment and ventilate before reoccupying. Sweep up and remove dead insects. Repeat treatment as necessary. For maximum effectiveness, a combination of localized surface application and space treatment is recommended. Do not apply directly to food. Do not apply space spray while food processing is underway.

Manufactured By
A.B.C. Compounding Co., Inc.
 P.O. Drawer 585
 Morrow, GA 30260

For control of BEDBUGS AND MITES in poultry houses: Dilute 1 part concentrate and 9 parts of water and spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

To control SHEEP "TICK" OR RED: Dilute at the rate of one part concentrate to 100 parts of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

To control FLEAS ON LIVESTOCK AND PETS, and to obtain protection against reinestation: Dilute at a rate of 1 part concentrate and 2 parts water and wet the animal by dipping or spraying. For the best results against fleas and ticks on dogs, the kennels or animal quarters and bedding should also be treated.

To control SPONGE EAR TICK: Dilute at a rate of 1 part concentrate and 24 parts of water and apply by individual treatment, syringing or pouring 1 to 2 ounces into each ear of large animals or a few drops into ears of dogs.

In barns, milking parlors, milk rooms, and dairies: To control FLIES, MOSQUITOES AND GNATS: Dilute at the rate of 1 part of concentrate and 9 parts of water or oil and apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist using about 2 ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Vacuum the area and ventilate before reoccupying. Repeat application as necessary.

MOSQUITO CONTROL OUTDOORS: To control ADULT MOSQUITOES: Using ground application, dilute 1 part concentrate and 7 parts water or oil. Apply as a fine mist or fog. Treat entire area with particular attention to shrubbery and vegetation where mosquitoes may rest, also low or poorly drained areas, swamps and stagnant pools or ponds. Repeat as necessary, usually once or twice a week.

With mobile or truck mounted equipment, the above application rate will result if a 400 foot swath is treated, traveling at 15 miles per hour, dispersing spray at a rate of 40 gallons per hour.

Application using fixed wing aircraft: Use 6 to 12 ounces of concentrate in 4 gallons of water per acre.

To control MOSQUITO LARVAE: Dilute in oil at a rate of 1 part concentrate to 150 parts oil (5 pints in 50 gallons) and apply at a rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray uniformly over wetlands, swamps, marshes or bodies of water where larvae may breed. Do not exceed this dosage or fish kill may result.

ON GROWING CROPS: May be used on edible crops (outdoors or in greenhouses) up to and including day of harvest. Especially desirable as a clean-up or pre-harvest spray where other materials may not be used due to residue restrictions. When applied according to accepted use cautions and directions this concentrate may be used in combination with other insecticides where resistant insects are a problem, or as an "exciter", to flush insects out of hiding and into contact with spray residues.

On the following crops to control named insects, use 12 to 36 ounces per acre in sufficient water to allow thorough coverage (usually 100 gallons). Coverage of upper and lower leaf surfaces is essential for good control.

ASPARAGUS: ASPARAGUS BEETLE. BEANS: APHIDS, LEAFHOPPERS, WHITE FLY, MEXICAN BEAN BEETLE, 12-SPOTTED CUCUMBER BEETLE. BROCCOLI, CABBAGE, BRUSSEL SPROUTS, CAULIFLOWER: APHIDS, CABBAGE LOOPER, CROSS-STRIPED CABBAGE WORM, DIAMONDBACK MOTH LARVAE, FLEA BEETLE, HARLEQUIN BUG, IMPORTED CABBAGEWORM, STINK BUG. CELERY: GREEN PEACH APHID, CABBAGE LOOPER. LEAF TIER CRANBERRIES: FIREWORMS, LEAFHOPPER. EGGPLANTS: BLISTER BEETLE, COLORADO POTATO BEETLE, FLEA BEETLE, GREEN PEACH APHID. LETTUCE: CABBAGE LOOPER, GREEN PEACH APHID, DIAMONDBACK MOTH LARVAE, IMPORTED CABBAGEWORM.

WINTER GREENS, KALE, COLLARDS, TURNIPS: IMPORTED CABBAGEWORM, DIAMONDBACK CATERPILLAR, APHIDS, CABBAGE LOOPER. PEPPERS: GREEN PEACH APHID. POTATOES: APHIDS, COLORADO POTATO BEETLE, FLEA BEETLE, LEAF HOPPER. RADISH: APHIDS, FLEA BEETLE. SPINACH: APHIDS, CABBAGE LOOPER, WORMWORM. TOMATOES: GREEN PEACH APHID, COLORADO POTATO BEETLE, STINK BUG, FLEA BEETLE. ORNAMENTALS: (AFRICAN VIOLETS, ASTERS, AZALEAS, BEGONIAS, CAMELLIAS, CARNATIONS, CHRYSANTHEMUMS, DAHLIAS, DOGWOOD, GERANIUMS, GLADIOLI, MARIGOLDS, ROSES, RUBBER PLANTS, WANDERING JEW, ETC.): APHIDS, FLEA BEETLES, LEAF HOPPERS.

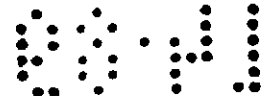
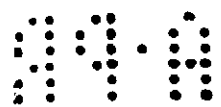
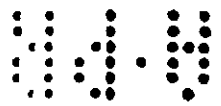
DROBOPHILA OR FRUIT FLY CONTROL: Dilute at the rate of 6 parts concentrate with 1200 parts (6 pints per 181 gallons or 6 tablespoons with 4 gallons of water). Thoroughly mix the emulsion in the spray tank. Make treatment as follows:

1. Apply liberally to tomatoes and fruits in baskets, on trucks and plants. Use sprayers at a high pressure for applying at the rate of 5 or 6 pints of the diluted spray to a two-ton load of tomatoes. Direct the spray for a maximum coverage of the baskets or hampers. It is important to spray between and beneath the containers. This spray not only kills the flies, but the emulsion breaks any dead flies so that they are readily washed from the fruit.

2. Spray the raw stock stacked in the yard.

3. Dip baskets in the diluted spray after dumping the fruit to kill adhering larvae and pupae.

4. After washing and cleaning up the inside of the processing plant and just prior to bringing fruit into it, the entire space inside the cannery should be sprayed at a dilution of 6 parts concentrate to 50 parts water (6 pints with 7 gallons 3 pints of water). At the rate of 1 gallon to 750 square feet, direct spray on walls, ceilings, and floors, paying special attention to forcing spray into all cracks and crevices.



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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: If container is damaged: Stop any leaks by repositioning the container or by patching or by otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On clean-up of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sawdust or kieselguhr. Sweep the contaminated absorbent onto a shovel and put the shovelful into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flames.

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 reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities. **PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

AS A SURFACE SPRAY: For initial clean-up of severe insect infestations, dilute at a rate of one part concentrate and 4 parts water or oil. For use in edible product areas of federally inspected meat and poultry plants and for normal infestations, dilute 1 part concentrate and 8 parts water and oil. To control ROACHES, ANTS, SILVERFISH, SPINERS, CRICKETS, CLOVERMITES, CHEESEMITES, GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, RUST RED FLOUR BEETLES, SAW-TOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, MEAL WORMS, GRAIN MITES, SCORPIONS, SCORFLDER BUGS, SPIDERS AND CADELLES: Use a good sprayer adjusted to deliver a coarse, wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored feeds, around the bases of machinery, behind shelves, and drawers. For SILVERFISH: Spray beekeepers. For ANTS: Spray trails, nests, and points of entry. If surface application only is to be used, spray floors, walls, and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

To control CARPET BEETLES: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as necessary.

To control BEDBUGS: Spray mattresses lightly, particularly around tuft and seams. Take bed apart and spray all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

To control FLEAS AND BROWN DOG TICKS: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended. Repeat treatment as needed.

AS A SPACE SPRAY: Dilute at a rate of 1 part concentrate to 10 parts water or oil. Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of FLIES, FRUIT FLIES, GNATS, MOSQUITOES, SKIPPER FLIES, WASPS, HORNETS, ANGIOUIDS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, SMALL FLYING MOTHS, AND TOBACCO MOTHS: Spray direct at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1,000 cubic feet of space. Keep area closed for at least 10 minutes. Ventilate and sweep up and destroy dead and fallen insects before reoccupying.

U.L.V. APPLICATION: For rapid kill of exposed or accessible stages of the insects named on this label, dilute 1 part concentrate to 1 to 8 parts water or oil. Apply using conventional mechanical or compressed air equipment (non-thermal) following directions for space spraying. Apply the above dilutions at a rate of from 1 to 10 ounces per 1,000 cubic feet of space. When used in meat and poultry processing plants, a dilution of no less than 1 to 1 (50%) is acceptable, and it must be dispersed from equipment adjusted to deliver an aerosol spray (no droplets over 80 microns in diameter and 80% less than 30 microns).

FOR USE ON LIVESTOCK: To control HORN FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS: Dilute 1 part concentrate and 30 parts water and apply to wet hair thoroughly with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To control STABLE FLIES, HORSE FLIES, AND DEER FLIES: Dilute 1 part concentrate and 8 parts water and apply one quart per adult animal to wet hair thoroughly with particular attention to the legs, flanks, barrel, topline, and other body areas commonly attacked by these flies. Repeat treatment each week or as needed.

To control FACE FLIES: Dilute 1 part concentrate and 8 parts water. Use a spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 ounces per animal.

For effective control of MOTILE STAGES OF (BITING) YELLOW LICE AND (BUCKING) BLUE LICE on cattle, horses, sheep, goats and hogs: Dilute this concentrate at a rate of 1 part in 100 parts of water. Spray to thoroughly wet hair of the animal including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

To control POULTRY LICE: Using a dilution of 1 to 100 in water, dip birds by submerging in a barrel, tank or tub of the solution, holding the wings away from the body to insure thorough wetting of all infested areas. In order to avoid chilling the birds, dip them on a warm day or in a warm building.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 7 1990

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

3862-79