

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

495-62

DATE OF ISSUANCE

DEC 17 1984

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

REGISTRATION  
 REREGISTRATION

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

NAME OF PESTICIDE PRODUCT

Dyre-Mist Aqua Concentrate

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

The Industrial Fumigant Company  
601 E. 159th Street  
Olathe, KS 66061

~~141/129409~~  
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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 with FRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase "EPA Registration No. 495-62" 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 F closure 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 sec. 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.

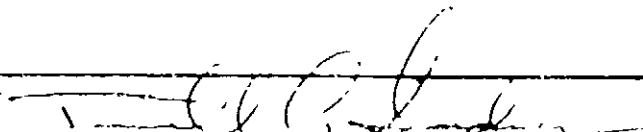
Timothy A. Gardner  
Product Manager-17  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure



ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL



DATE

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**PREVENTION STRATEGIES  
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)  
CAUTION**

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of the type recommended by NIOSH (National Institute for Occupational Safety and Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water, separately from other clothing before re-use.

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 under way. After spraying in plants, bakeries and other food processing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.

Remove pets and plants, and cover fish aquariums before spraying.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and other aquatic life. Do not apply directly to water. Do not contaminate water when cleaning or disposing of containers and labels.

**DIRECTIONS FOR USE**

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:**

Store upright at room temperature. Avoid exposure to extreme temperatures.

In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc.

Dispose of with chemical waste.

**PESTICIDE DISPOSAL:** For all pesticides, spray mixture with water that can't be used. Dispose of the mixture in a container approved by local health authority.

**CONTAINER DISPOSAL:** Empty container (or equivalent) then offer for recycling or reconditioning, for incineration and dispose of in a sanitary landfill, or by other approved state and local procedure.

DEC 17 1984

Under Fungicide...  
485-62

**PYRE-MIST Aqua Concentrate**

**AN INSECTICIDE SPRAY CONCENTRATE**  
FOR USE IN FOOD PROCESSING AND STORAGE, MUSHROOM HOUSES, HOSPITALS, HOTELS, RESTAURANTS, OTHER INSTITUTIONS AND IN RESIDENCES.

Authorized for use in all departments of official establishments operating under the meat, poultry, shell egg grading and egg products inspection programs.

PROVIDES RAPID KILL OF INSECTS WITHOUT LEAVING OBJECTIONABLE RESIDUES.

Food additive tolerances have been established for the insecticide components in this product. When this product is used as directed, allowable tolerance levels will not be exceeded.

Kills Gypsy Moth Caterpillars and Japanese Beetles

ACTIVE INGREDIENTS:	
Permethrin	3.0%
Piperonyl Butoxide, Technical	39.0%
Petroleum Distillate	12.0%
INERT INGREDIENTS:	46.0%
	100.0%

Equivalent to 24% (butylcarbonyl) (5-propyl) piperonyl ether and 6% related compounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

Manufactured by...  
If swallowed...  
If inhaled...  
If on skin...  
If in eyes...  
If on clothing...  
If on food...  
If on water...  
If on animals...  
If on plants...  
If on equipment...  
If on surfaces...  
If on vehicles...  
If on structures...  
If on containers...  
If on labels...  
If on packaging...  
If on waste...  
If on disposal...  
If on recycling...  
If on reconditioning...  
If on incineration...  
If on landfill...  
If on other approved...  
If on state and local...  
If on procedure...

EPA REG. NO. 485-62

THE INDUSTRIAL FUMIGANT COMPANY

DO NOT TRANSPORT OR STORE UNDER 32° F

Aug 84

BEST COPY

PH 11 3095

To control flies, 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 and floor covering. Fresh bedding should be placed in animal quarters following treatment. To kill flies and ticks on cats and dogs; and to obtain protection against reinfestation, dilute at 1 part concentrate to 59 parts water (2.5 fluid ounces per 1 gallon) and wet the animal by dipping or spraying.

**DIRECTIONS FOR USE**

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Do not apply at any time as a undiluted space spray in edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered before treatments. Thoroughly wash all food processing surfaces before reuse. All surfaces in processing areas must be washed and rinsed in potable water after spraying.

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AS A SPACE SPRAY: Dilute at a rate of 1 part concentrate to 59 parts water (2 fluid ounces per gallon). 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 adult house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, and tobacco moths: Direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Ventilate and sweep up dead insects before reoccupying.

To prepare dilutions the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

For maximum effectiveness, a combination of localized surface application and space treatment is recommended.

AS A SURFACE SPRAY: For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 14 parts water (0.5 fluid ounces per gallon). This dilution may not be used in edible product areas of Federally inspected meat and poultry plants. In these plants and for normal infestation dilute 1 part concentrate in 29 parts water (1/3 ounces per gallon).

For rapid kill of exposed or accessible stages of other insects named on this label, dilute 1 part concentrate in 5 - 29 parts water (4 to 25 ounces per gallon). 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 1000 cubic feet of space. When used in meat and poultry processing plants, a dilution of no less than 1 to 5 is acceptable and it must be dispersed from equipment adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 30% less than 30 microns).

To control cockroaches, ants, silverfish, spiders, crickets, scorpions, earwigs, bees, ladybugs, weevils, wireworms, cutworms, grasshoppers, rust-resistant beetles, sawflies, fireflies, soldier beetles, parasitic beetles, dust mites, beetles, meal worms, grain mites and caprellids

IN MUSHROOM PRODUCTION AND PROCESSING To control adult mushroom flies, or fungus gnats, Phorids, Sciards, and Ceratomyxids in growing houses. Dilute 1 part concentrate in 5 parts water (2 1/3 fluid ounces per gallon). Using mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist, apply at a rate of 1 ounce per 1000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directed slightly upward over them. Circulating fans should be left in operation, but for best results refrigeration should be turned off. In packing and canning plants use at a rate of 1 ounce to 2000 cubic feet of space.

Use a nozzle or nozzle adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces adjoining at a rate of 1 gallon to 750 square feet of surface.

OUTDOORS To kill gypsy moth caterpillars and adults, adult sawtooth moths and casings and forest tent caterpillars on contact, combine 1/2 fluid ounce of concentrate per 1 gallon of water. Apply to insure thorough coverage of upper and lower surfaces.

To control vine beetles, spruce bark beetles on bark and under bark of plants, use localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

Treat and spray plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

To control bedbugs Spray mattresses lightly, partcularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

On Roses and In Flower Gardens: Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as