

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

EPA REGISTRATION NO.  
485-59

DATE OF ISSUANCE  
DEC 17 1984

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

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

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT  
Pyre-Mist Aqua 1

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

161 / 129408  
18 / 1

PEST REGISTRATION BODY

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 is conditionally registered with FRA sec. 3(c)(1)(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. 485-59" 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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

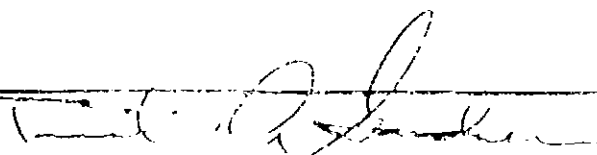
A stamped copy of the label is enclosed for your records.

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

Enclosure

ATTACHMENT IS APPLICABLE

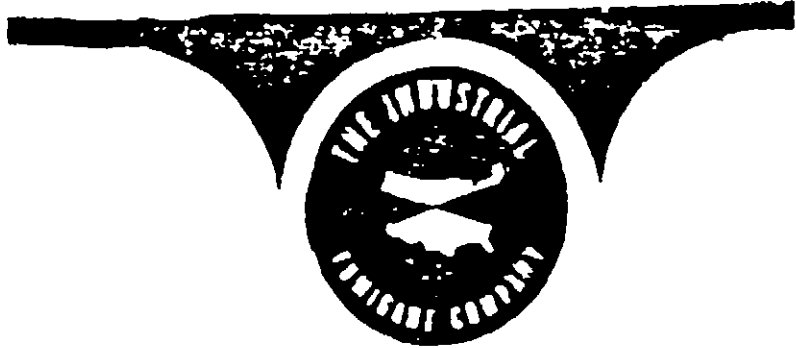
SIGNATURE OF APPROVING OFFICIAL



DATE 12-17-84

# CAUTION

BEST AVAILABLE COPY



## PYRE-MIST Aqua 1

A Concentrated PYRETHROID Micro Emulsion  
 --Clear--Stable--Leaves No Oily or Objectionable Residues  
 Effective, Fast Acting Insecticide  
 For Use in Homes, Institutions, Restaurants  
 Food Processing Plants, Dairies, Livestock and Outdoors for  
 Mosquito Control  
 For Control of Fleas and Brown Dog Ticks on Premises And On  
 Pets  
 Also For Use on Ventilation Mechanical or Compressed Air  
 Equipment

ACTIVE INGREDIENTS  
 Pyrethrin 0.05%  
 Pyrethroid 0.05%  
 Inert 99.90%  
 100

REG. NO. 100-100000 (EPA Reg. No. 1) (G-proprilpiperons)  
 EPA EST. NO. 100-100000

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator, of 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 birds, and cover fish aquariums before spraying.

### ENVIRONMENTAL HAZARDS

See label for details. Do not use in areas where it may be harmful to plants, animals, or fish.

### DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
**ESTICIDE 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.  
**ESTICIDE DISPOSAL:** Pesticides, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

### CAUTION KEEP OUT OF REACH OF CHILDREN STATEMENT OF PRACTICAL TREATMENT

If swallowed -- Call a physician immediately. Gastric lavage is indicated if patient has taken amount of 100 ml or more. Induce vomiting if not available. Do not induce vomiting if patient is unconscious. If it is necessary to induce vomiting, give 1 cup of water and then 1 cup of 1% sodium bicarbonate solution. Do not induce vomiting if patient is comatose or has had a seizure.  
 If inhaled -- Remove patient to fresh air. Administer oxygen if indicated.  
 If on skin -- Wash immediately with soap and water.  
 If in eyes -- Flush eyes for at least 15 minutes with water. Call a physician immediately. See separate instructions on label.

EPA REG. NO. EPA EST. NO.

THE INDUSTRIAL FUMIGANT COMPANY  
 501 East 159th St. - New York, N.Y. 10039

INDOOR APPLICATION

The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment and thoroughly cleaned, with potable water, before using.

Vacate treated areas and ventilate before reoccupying.

For maximum effectiveness, a combination of spot surface treatment and fogging is recommended.

**SURFACE SPRAYING:** To control encroaches, palm-leaf bugs, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, unassisted grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and cadulles: Use a good sprayer adjusted to 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. For silverfish, spray bookcases. For ants, spray trails, nests and points of entry. If surface application only is to be used, spray floors 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, crevices and infested areas of whelving. Repeat treatment as needed.

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

To control flies and brown dog ticks: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, mouldings, window and door frames and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed.

To control clothes moths: Remove any infested articles from storage, treat thoroughly and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly keeping nozzle at least three feet from fabric to avoid staining.

**SPACE SPRAYING:** Close doors and windows and shut off ventilating systems. Apply with a good nozzle adjusted to deliver a fine mist or fog. For rapid control of house flies, fruit flies, gnats, mosquitoes, earwig flies, ticks, chiggers, and other biting insects, use a rate of 1/2 to 1 gallon per 1000 cubic feet of space. Direct spray at an upward angle distributing it uniformly throughout the entire area at a rate of 3-6 ounces per 1000 cubic feet of space.

**FOGGING:** To kill exposed or accessible stages of the above named crawling insects, use a rate of one gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly whenever possible.

**ON LIVESTOCK:** To protect cattle and horses from house flies, horn flies, mosquitoes and gnats, apply a light mist sufficient to wet the surface of the hair. To control eye flies, horn flies and deer flies, apply at a rate of 2 ounces per adult cow or horse, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

To control blood-sucking lice, apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 2 to 3 weeks if required.

**ON PETS:** Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or face. Avoid contact with genitalia. Repeat as necessary.

OUTDOOR APPLICATION

**MOSQUITO CONTROL:** Apply as a fine mist to thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where mosquitoes may rest (low marshy places, stagnant pools or ponds and shore lines). Apply at a rate of 2.5 pints per acre (0.1 ounce per 1000 square feet).

Using truck-mounted conventional misting equipment such as Rotomists - (size 51C, 91 or 100 HT) travelling at 5 m.p.h., treat a 3 foot swath calibrate equipment to deliver 0.1 gallon per minute.

ACCEPTED  
MAY 20 1984

DEC 17 1984

485-59

Aug. 1984