

MAY 19 1992

Mr. Louis Mantels
Hysan Corporation
4309 South Morgan Street
Chicago, Illinois 60609

Subject: Revised Labeling and Formulation
Pest-Ban Jet Stream Residual and Contact Insecticide
EPA Registration Number 334-518
Your Amendment Application Dated March 24, 1992

Dear Mr. Mantels:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable 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. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

The revised Confidential Statement of Formula, dated March 3, 1992, is acceptable and has been placed in our file for the product.

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

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

NOTE: Text below is already set at the minimum 4 point type size, with an 11 pica column width, and 23 pica total panel width.)

FEATURES, CLAIMS, AND USES
• WITH DUAL-ACTION SPRAY BUTTON •
FOR PINPOINT STREAM OR FINE MIST

Contains a dual-action spray button that allows either a pinpoint stream to get into holes/cracks/crevices, or a fine mist spray to effectively cover broader areas.

This is a water-based synergistic dual-active contact and residual insecticide with Resmethrin (a synthetic pyrethrin or pyrethroid) for quick knockdown and Chlorpyrifos (an organic phosphate) for long-term residual activity lasting up to 4 weeks. It is designed for spot and localized surface treatment against crawling insects in non-food areas.

Kills Many Common Crawling Insect Pests, including: Ants ("Formigas"), Carpet Beetles, Centipedes, Clover Mites, Cockroaches ("Roaches"), "Cucarachas", including American (Waterbug), German (Croton Bug), and Oriental (Asiatic; Shad Roaches), Crickets (including Field, House, and Spotted Camel), Dermestids, Earwigs, Firebrats, Fleas (including cat), Millipedes, Mites, Silverfish, Sow Bugs, Spiders (including Black Widow), Ticks (including Brown Dog and Lone Star), and Water Bugs.

Kills Many Grain Insects, including: adult and accessible stages of Beetles (including Confused Flour, Red Flour, Saw-Toothed Grain, and Shiny Spider), Mites (including Grain), Moths (including Angoumois Grain and Indian Meal), and Weevils (including Grain and Rice).

Also Effective Against Many Flying Insects landing or feeding on treated surfaces, including: Bees, Flies (Fruit, House, and Stable), Gnats (Midges), Hornets, Mosquitoes, Small Flying Moths (Millers), Wasps, and Yellow Jackets.

FOR USE IN/ON NON-FOOD AREAS AND NON-FOOD-CONTACT SURFACES OF PUBLIC/PRIVATE INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, MEDICAL, AND RESIDENTIAL PREMISES, FACILITIES, BUILDINGS, VEHICLES, AND EQUIPMENT, INCLUDING: Factories, manufacturing plants, warehouses, public transportation, public restrooms, universities, colleges, schools, kindergartens, preschools, day care centers, classrooms, gymnasiums, field houses, indoor pools, dressing and locker rooms, churches, temples, clubs, fraternal organizations, country clubs, zoos, aquariums, farms, greenhouses, lathouses, indoor gardens & landscaping, hospitals, nursing homes, hospices, laboratories, doctor's & dentist's offices & clinics, veterinary offices and clinics, animal hospitals, offices, office complexes, stores, supermarkets, shopping malls, markets, hotels & motels, theaters, shows, amusement parks, funeral homes, pet shops, kennels and stables, pet boarding facilities, farmhouses, homes, condominiums, apartments, vacation cottages, summer homes, garages, barns, sheds, tool sheds, patios, swimming pools, automobiles, cars, vans, campers, motor homes, mobile homes, motorcycles, motor scooters, motor bikes, bicycles, wagons, taxicabs, limousines, buses, trucks, tank trucks, vending trucks, emergency vehicles, police cars, police trucks, fire trucks, ambulances, trailers, trains, freight cars, tankers, boxcars, boats, ships, ship cabins, barges, tankers, cargo holds, planes, airplanes, helicopters, delivery vehicles, maintenance trucks, maintenance vehicles, tractors, delivery carts, vending machines, carts, gurneys, stretchers, bins, tanks, elevators, and maintenance equipment.

Also for use in/on non-food areas and non-food-contact surfaces of food/drink/feed harvesting, handling, transportation, processing, packaging, storage, and serving units, such as: food processing plants, bottling plants, dairies, breweries, canneries, egg processing plants, flour mills, feed mills, bakeries, caterers, food warehouses, restaurants, cafeterias, banquet halls, bars, taverns, night clubs, discos, supermarkets, delicatessens, butcher shops, fish markets, vegetable stands, fruit stands, vending machines, seed houses, bins, tanks, silos, grain elevators, grain bins, combines, harvesting vehicles, harvesting equipment, farm wagons, and well houses.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: May be harmful if swallowed. Do not get in eyes or on skin or clothing. Avoid breathing spray mist or vapors. Wash thoroughly with soap and water after handling. Do not contaminate foods/drinks/feeds or surfaces they may contact.

PRACTICAL TREATMENT (FIRST AID)
QUICKLY follow directions below AND call a Poison Control Center (or physician or emergency department). Always get quick medical attention for ANY ill effects which continue (or show up later).

IF IN EYES: Flush eyes with plenty of water while removing any contact lenses, then hold eyelids open and continue flushing with plenty of water.

IF ON SKIN, CLOTHING, ETC.: Remove any contaminated clothing, shoes, jewelry, etc. (clean them thoroughly before wearing), and wash affected skin with soap and water.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, administered by injection only, is an antidote.

ENVIRONMENTAL HAZARDS
This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated sites may be hazardous to fish in adjacent waters.

PHYSICAL/CHEMICAL HAZARDS
Contents under pressure. Do not use of store near heat or open flames. Do not puncture or incinerate container. Exposure to temperatures above 130 °F (54 °C) may cause bursting.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL: Read entire label carefully before using. Use only for spot or localized area treatment, do NOT use as a space spray or for treating broad areas. Do not spray on or toward people or pets. Before spraying, remove pets (including birds and fish), and cover non-movable aquariums, etc. in the treatment area. Find and dispose of all infested foods/drinks/feeds, packaged goods, etc. in the area. Spray directly on insects whenever possible. Repeat as necessary, but not more often than once every 7 days.

This water-based product may conduct electricity, because of possible shock hazard, do not apply on or in electrical equipment. Use only solvent based products around electrical equipment.

Before spraying in medical care areas, remove all patients. After spraying, ventilate area for 2 hours before returning patients.



Push straight DOWN for line spray



Push straight FORWARD for stream

To spray, hold container upright. SHAKE it THOROUGHLY, and aim toward surface to be treated. Press firmly on spray button and coat surface with a thin wet film.

TO KILL CRAWLING INSECTS (including Ants, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Firebrats, Millipedes, Silverfish, Sow Bugs, Spiders, and Water Bugs) Use as a contact insecticide by spraying directly on insects. To provide residual insecticidal activity on surfaces (thoroughly spray places where they are seen or likely to be. Pay special attention to possible hiding and breeding places in holes/cracks/crevices, in openings around pipes, behind baseboards, in most areas, in hidden areas under and behind sinks, stoves, refrigerators, cabinets, bookcases, and other furnishings, in food storage areas, and in and around waste containers. For Ants, also spray known ant trails and nests, around door and window frames, and on other points of entry. For Spiders, also spray webs thoroughly.

TO KILL FLEAS AND TICKS, Do not spray animals. Remove and clean or destroy their old bedding. Spray on surfaces and in holes/cracks/crevices in areas they frequent, including dog houses, sleeping areas, and other local areas on walls and floors (especially baseboards and rugs/carpets near walls and furniture). After treatment, put fresh bedding in animal's quarters. Before animals reenter area, treat them with a flea/tick control product labeled for that use.

TO KILL CARPET BEETLES AND DERMESTIDS Thoroughly spray tops, bottoms, and around edges of rugs/carpets, and inside upholstered furniture. Also spray along baseboards, under furniture, in closets on shelving, and wherever they are seen or suspected.

TO KILL GRAIN INSECTS, including adult and accessible stages of Beetles (Confused Flour, Red Flour, Saw-Toothed Grain, and Shiny Spider), Mites (Grain), Moths (Angoumois Grain and Indian Meal), and Weevils (Grain and Rice). Find and destroy all infested products, including grain, cereal, and flour. Follow general directions for Crawling Insects above. Shelves and drawers should be cleaned and thoroughly sprayed, then covered with shelf paper after they are dry.

STORAGE AND DISPOSAL
GENERAL: Do not contaminate other materials (including water/food/feed) during transport, use, storage, and disposal. If damaged or leaking, soak up and wrap any waste, then dispose of as below.

STORAGE: Keep in a cool, dry, locked area inaccessible to children and away from sources of heat and ignition (including flames, sparks, hot surfaces, and sunlight). Containers heated above 130 °F (54 °C) may burst.

DISPOSAL: Refasten protective cap on container, securely wrap in several layers of newspaper, and discard in trash. Do not incinerate or puncture.

EPA Reg. No. 334-518
EPA Est. No. 334-IL-2

MANUFACTURED BY **hysan** CORPORATION
Chicago, IL 60609
Blue Island, IL 60406
Cartersville, GA 30120
Waco, TX 76712

0392 Made in U.S.A. 57104

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter Draft

MAY 19 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 334-518

PEST BAN

Hysan Product Name: **PEST BAN**
Hysan Product #: **57104-16/20/24-X-XX-XXXX**
Disk Volume: 069 (L); Filename: A57104-20 EPA; Date Last Revised: 03-24-92
Product File Name at EPA: Pest-Ban Jet Stream Residual and Contact Insecticide

- HYSAN LARA APPROVAL - by: _____ Date: _____
- HYSAN R&D APPROVAL - by: _____ Date: _____
- HYSAN SALES APPROVAL - by: _____ Date: _____

PEST-BAN
JET STREAM
RESIDUAL
AND CONTACT
INSECTICIDE

ANT, ROACH, AND
CRAWLING INSECT KILLER

OFFERS QUICK KNOCKDOWN
AND RESIDUAL KILL
FOR UP TO 4 WEEKS

• WITH DUAL-ACTION SPRAY BUTTON •
FOR PINPOINT STREAM OR FINE MIST

A PRESSURIZED, READY-TO-USE,
BROAD-SPECTRUM, CONTACT-TYPE
INSECT KILLER

FOR USE IN NON-FOOD AREAS OF
INDUSTRIAL, INSTITUTIONAL,
COMMERCIAL, RESIDENTIAL, AND MEDICAL
PREMISES, FACILITIES, BUILDINGS,
VEHICLES, AND EQUIPMENT.

MULTI-ACTIVE FORMULA

- RESMETHRIN ... FOR QUICK KNOCKDOWN •
- CHLORPYRIFOS ... FOR RESIDUAL KILLING ACTIVITY •

Kills Many Common Crawling Insect Pests, including: Ants, Carpet Beetles, Centipedes, Clover Mites, Cockroaches, Crickets, Dermestids, Earwigs, Firebrats, Fleas, Millipedes, Silverfish, Sow Bugs, Spiders, Ticks, and Water Bugs.

Kills Many Grain Insects, including adult and accessible stages of: Angoumois Grain Moths, Confused Flour Beetles, Grain Mites, Grain Weevils, Indian Meal Moths, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, and Shiny Spider Beetles.

ACTIVE INGREDIENTS:

Chlorpyrifos*	0.50%
Resmethrin†	0.05%
INERT INGREDIENTS	99.45%
TOTAL	100.00%

*0,0-Diethyl 0-(3,5,6-trichloro 2-pyridyl) phosphorothioate
†(5-(Phenylmethyl)-3-furyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate with 70% min. (±) trans and 30% max. (±) cis isomers

KEEP OUT OF REACH OF CHILDREN.
CAUTION
SEE ADDITIONAL PRECAUTIONARY
AND PRACTICAL TREATMENT (FIRST AID)
STATEMENTS ON BACK PANEL.

EPA Reg. No. 334-518 EPA Est. No. 334-IL-2

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NET WT 11 OZ (311 g)

NET WT 14 OZ (396 g)

NET WT 16.5 OZ
(1 L.B 0.5 OZ) 467 g