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334-526

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DEC 16 1996

Mr. David L. Mattern
Hysan Corporation
3000 West 139th Street
Blue Island, IL 60404

Dear Mr. Mattern:

Subject: Amendment-Label Compliance with WPS Requirements
I-SECT Aqueous Pressurized Spray For House & Garden
EPA Registration No. 334-526
Your Submission of August 12, 1996

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

Under "Personal Protective Statement", revise the following sentence:

....."long-sleeved shirt.....plus socks".....
to read
"long-sleeved shirt and long pants, waterproof gloves and shoes".

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

Sincerely yours,

RPK

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure:

I-SECT

Aqueous
Pressurized Spray
for
**HOUSE &
GARDEN**

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 16 1996

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

334-526

FOR GARDEN PESTS
FOR HOUSEHOLD BUGS

SAVES BUYING SEVERAL
SINGLE-PURPOSE INSECTICIDES

WON'T OIL STAIN

A BROAD-SPECTRUM MULTI-
PURPOSE DUAL-PYRETHROID
INSECTICIDE WITH EFFECTIVE
KNOCKDOWN AND KILL FOR A
WIDE RANGE OF COMMON FLYING
AND CRAWLING INSECT PESTS
INCLUDING THOSE ON INDOOR AND
OUTDOOR
ORNAMENTAL PLANTS

FOR USE IN AND AROUND
BOTH FOOD AND NON-FOOD AREAS
OF

Industrial, Institutional, Commercial, Medical,
and Residential Premises, Buildings,
Equipment, and Vehicles

Kills Many Common Flying Insect Pests:
Bees, Flies (Deer, Fruit, House, Saw, Stable
and White), Gnats (Midges), Hornets,
Mosquitoes, small flying Moths (Millers),
Wasps, and Yellow Jackets.

**Kills Many Common Crawling Insect
Pests:** Ants, Bedbugs, Centipedes,
Cockroaches (including Waterbugs), Crickets,
Earwigs, Fleas, Millipedes, Silverfish, Sow
Bugs, Spiders, and Ticks; also kills many
Grain Insects (including adult and accessible
stages of Beetles (Carpet, Confused
Flour, Red Flour, and Shiny Spider)), Mites
(Grain), Moths (Angoumois and Indian Meal),
and Weevils (Grain).

**Low Phytotoxicity allows use on most
Ornamental Plants to kill both sucking and
chewing insects:** Aphids (Plant Lice),
Armyworms, Beetles (Japanese and Leaf),
Budworms, Caterpillars (Tent), Cutworms,
Flies (Saw and adult white), Mites (Red

Spider, Spider, and Two-Spotted), Moths
(Gypsy and Tussock), Leafhoppers, Mimosa
Webworms, Oakworms, Plant Bugs, Slugs,
Spittlebugs, exposed Thrips, and Weevils.

ACTIVE INGREDIENTS:

Resmethrin*	0.20%
d-trans-Allethrin	0.15%
INERT INGREDIENTS	99.65%
TOTAL	100.00%

*[5-(Phenylmethyl)-3-furanyl] methyl 2, 2-
dimethyl-3-(2-methyl-1-
propenyl)cyclopropanecarboxylate with isomer
ratio of maximum 30% (+) cis and minimum
70% (+) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE ADDITIONAL PRECAUTIONARY
AND PRACTICAL TREATMENT (FIRST AID)
STATEMENTS ON BACK PANEL.

EPA Reg. No. 334-526
EPA Est. No. 334-IL-2

MANUFACTURED BY
hysan Corporation Blue Island, IL 60406

FEATURES, CLAIMS, AND USES

A dual-purpose product for use as a Flying
Insect Killer and as a House and Garden
Insect Killer

This is a broad-spectrum dual-pyrethroid
(synthetic pyrethrins) insecticide with effective
knockdown and kill for a wide range of
common flying and crawling insect pests,
including those on ornamental plants in both
house and garden.

It is a water-based product with almost no
petroleum distillates (under 1%) that could
damage sensitive plants. Helps make life more
pleasant by reducing the annoyance of pesky
flying insects and crawling bugs that intrude on
indoor and outdoor living spaces. Unscented,
low-odor formula has no strong scent to
compete with room fragrances and perfumes.

For use in and around industrial, institutional,

commercial, medical, and residential premises,
buildings, equipment and vehicles, including
food and non-food areas of Homes,
Apartments, Yards, Patios, Swimming Pools,
Cars, Vans, Campers, Mobile Homes, Boats,
Trucks, Trailers, Buses, Ships, Public
Transportation, Public Buildings, Schools,
Laboratories, Hospitals, Nursing Homes,
Doctor's & Dentist's Offices & Clinics,
Veterinary Offices & Animal Hospitals, Pet
Boarding Facilities, Kennels & Stables, Zoos,
Greenhouses & Lathouses, Indoor Gardens &
Landscaping, Hotels & Motels, Restaurants &
Cafeterias, Food Processing & Bottling Plants,
Canneries, Manufacturing Plants & Factories,
Offices, and Stores.

Kills many common flying and crawling insect
pest, including Ants, Bedbugs, Bees,
Centipedes, Cockroaches [including German
(Croton Bugs) and American (Waterbugs)],
Crickets, Deerflies, Earwigs, Fleas, Fruit Flies,
Gnats (Midges), Grain Insects (including adult
and accessible stages of Angoumois Grain
Moths, Carpet Beetles, Confused Flour
Beetles, Grain Weevils, Indian Meal Moths,
Red Flour Beetles, and Shiny Spider Beetles),
Grain Mites, Hornets, Houseflies, Millipedes,
Mosquitoes, small flying Moths (Millers),
Silverfish, Sow Bugs, Spiders, Stable Flies,
Ticks, Wasps, and Yellow Jackets.

It has a low phytotoxicity (harmful effect on
plants) that allows its use on most ornamental
indoor and outdoor plants to kill both sucking
and chewing insects, including Aphids (Plant
Lice), Armyworms, Budworms, Cutworms,
Gypsy Moths, Japanese Beetles, Leaf Beetles,
Leafhoppers, Mimosa Webworms, Oakworms,
Plant Bugs, Red Spider Mites, Sawflies, Slugs,
Spider Mites, Spittlebugs, Tent Caterpillars,
exposed Thrips, Tussock Moths, Two-Spotted
Mites, Weevils, and adult Whiteflies.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS CAUTION: May be harmful if
swallowed or absorbed through skin. Avoid
contact with eyes, skin, and clothing. If on skin
or clothing, wash off with soap and water.
Avoid breathing spray mist or vapors. Do not
take internally or contaminate
foods/drinks/feeds, or surfaces that they may
contact.

PRACTICAL TREATMENT (First Aid)

GENERAL: 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 flush eyes thoroughly with water.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks. Follow manufacturers's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 areas may be hazardous to fish and organisms in adjacent waters.

PHYSICAL/CHEMICAL HAZARDS

Contents under pressure. Do not use or 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to

treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plant, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirement in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Remove pets (including birds) and cover non-movable aquariums, etc. in area to be treated.

IN MEDICAL CARE AREAS: Before spraying, remove all patients. After spraying, ventilate area for 2 hours before returning patients.

IN FOOD-TYPE AREAS: Remove or cover all exposed foods/drinks/feeds; also cover or remove any surfaces they may contact (such as on utensils, appliances, equipment, countertops, etc.). Treat food/drink/feed processing, preparation, and serving areas only when the facility is not in operation. **AFTER USE:** Wash all food/drink/feed-contact surfaces with an effective cleaning product, followed by a potable (drinking) water rinse. Repeat insecticide treatment whenever insects return, or as necessary for control. When used to kill flying insects indoors, ventilate thoroughly before reentry. When used outdoors to kill flying insects, allow spray to dissipate before occupying the treated area. Spray indoor plants outdoors (or in an indoor location where children, pets, and food will not be present). Return them to original location after leaves are dry.

GENERAL INSTRUCTIONS FOR ALL USES

BEFORE USE: FIRST read entire label carefully. Find and dispose of all infested foods/drinks/feeds, packaged goods, etc.

USE WITH CAUTION ON tender foliage, young plants, and new growth, and on African violets, ashes, azaleas, browallias, catoenathuses, camellias, columneas, cotoneaster, cyclamens, cypresses, flowering quinces, gloxinias, impatiens, jades, junipers, mulberries (non-bearing), oxalises, plumosa ferns, primroses, Reiger begonias, and roses (including hybrid tea roses), they may be subject to leaf or flower burn under certain conditions of use. With all plants listed on label (especially carnations, chrysanthemums, and roses), there exists a wide variety of species and cultivars, and therefore a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described below, wait 24 hours, and check for possible injury.

TO SPRAY: Hold container upright, SHAKE WELL, aim toward area to be treated, and press firmly on spray button. Keep spray opening at least 18" (½ m) from all surfaces and vegetation. Do not spray on edible crops.

Do not spray on or toward people. Do not spray on electrical/electronic circuits (in appliances, conduit, switches, equipment, etc.). Spray directly on insects whenever possible. Shake container occasionally during use.

TO CONTROL PESTS IN INDOOR/ENCLOSED AREAS TO KILL FLYING INSECTS

(such as Flies (Deer, Fruit, House, and Stable), Gnats, Mosquitoes, and small flying Moths): Close all doors, windows, and other openings around perimeter of area to be treated. Turn off all other sources of fresh air, such as fans, furnaces, air conditioners, etc. Direct spray upward toward corners and center of area, using a slow, sweeping motion. There is no need to spray directly at flying insects; the mist in the air will kill them. Especially spray toward windows and other light sources which attract these insects. Fill the area with mist, or spray 5 to 10 seconds in each 1,000 ft³; 28m³ (10' x 12' X 8; 28m³; 3m x 4 m x 21/2 m) of space. Leave the treated area and keep it closed off for at least 15 minutes after spraying. Sweep up and destroy fallen insects.

TO KILL CRAWLING INSECTS

(such as Ants, Centipedes, Cockroaches, Crickets, Earwigs, Fleas, Millipedes, Silverfish, Sow Bugs, and Spiders). Thoroughly spray all parts of the area suspected of harboring these pests. Special attention should be paid to hiding and breeding places in holes/cracks/crevices in walls, floors, and ceilings; in openings around pipes; behind baseboards; in moist areas; In hidden areas under and behind sinks, stoves, refrigerators, cabinets, bookcases, and other furnishings; and in the food storage areas. For Ants, also spray their points of entry, such as around door and window frames and on known ant trails, hills, and nests. For Spiders, also use repeated applications to their webs and other hiding places.

TO KILL GRAIN INSECTS

(Including adult and accessible stages of Beetles (Carpet, Confused Flour, Red Flour, and Shiny Spider), Mites (Grain), Moths (Angoumois and Indian Meal), and Weevils (Grain)): Remove 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.

TO KILL BEES, HORNETS, WASPS, and YELLOW JACKETS:

Application should be made in the late evening when insects are at rest. Spray liberally on nests and into hiding and breeding places (including under attic rafters).

TO KILL BEDBUGS:

Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bed boards, and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that could harbor bedbugs, concentrating on tufts, folds, and seams. For

persistent infestations; consult a professional pest control service.

TO KILL FLEAS AND TICKS ON DOGS, CATS, AND PREMISES: Hold with spray opening about 1 ft (1/3m) from body. Do not spray directly in eyes or mouth of animal. Apply directly to animals along back, under forelegs, and on other areas (except scrotum and anus) until hair is thoroughly moistened. Part the hair to insure good skin contact and coverage. Repeat treatment within 24 hours if necessary. To reduce infestation, remove and destroy animal's bedding (or thoroughly spray it until surface is slightly moist). Also spray areas frequented by pets, including dog houses, pet sleeping quarters, and other local areas on walls and floors (especially on rugs/carpets near walls and furniture and in holes/cracks/crevices in pet areas). Spray until slightly moist, or at the rate of about 1/4 linear foot (1/8 linear meter) per second. Treat dogs and cats before they reenter the area.

AS A CONTACT SPRAY TO PROTECT INDOOR ORNAMENTAL PLANTS: kills Aphids, Cutworms, Leafhoppers, Mites (Red Spider, and Two Spotted), Plant Bugs, Slugs, Spittlebugs, exposed Thrips, and Whiteflies on African violets, ageratums, amaranths, asparagus fern, begonias, Christmas cacti, chrysanthemums, cockscombs, coleuses, cup flowers, daisies, daphnes, dracaenas, dumbcanes, false araleas, fatshederas, fuchias, geraniums, gold-dust crotons, heliotropes, hibiscuses, impatiens, ivies, Jacob's ladders, jades, lilacs, lobelias, marigolds, mayten trees, nasturtiums, petunias, philodendrons, pothoses, roses, silver vases, snapdragons, toyons, verbenas, umbrella trees, wax plants, and zinnias.

PROCEDURE: If possible, spray plants outdoors (or in an indoor location where children, pet, and food will not be present), following applicable directions in the outdoor section below. If plants cannot be moved from living and eating areas, follow applicable directions in the "TO KILL FLYING INSECTS" and the "USE WITH CAUTION ON" paragraphs.

TO CONTROL PESTS IN OUTDOOR AREAS TO REDUCE ANNOYANCE FROM FLYING INSECTS [Flies (Deer, Fruit, House, and Stable), Gnats, Mosquitoes, and small Flying Moths]: Spray their resting areas with a slow, sweeping motion, at the rate of from 1 to 3 seconds per cubic yard (3/4 cubic meter) of space, while moving away from the treated area. Treated open porches and patios in a similar manner. Spray only when the air is still.

FOR BEES, HORNETS, WASPS, and YELLOW JACKETS: Application should be made in the late evening when insects are at rest. Spray visible nests until saturated. Also spray other hiding and breeding places in openings in the ground, on bushes and trees, and in other holes/cracks/crevices which may harbor insects and nests.

FOR ANTS, CENTIPEDES, CRICKETS, EARWIGS, FLEAS, MILLIPEDES, SILVERFISH, SOW BUGS, AND SPIDERS: Follow same directions as for use in enclosed areas.

AS A CONTACT SPRAY TO PROTECT OUTDOOR ORNAMENTAL PLANTS: To kill Aphids, Armyworms, Beetles (Japanese & Leaf), Budworms, Caterpillars (Tent), Leafhoppers, Mites (Red Spider and Two Spotted), Moths (Gypsy and Tussock), Oakworms, Plant Bugs, Sawflies, Spittlebugs, exposed Thrips, Weevils, and adult Whiteflies on altheas, citruses (non-bearing), cranberries (non-bearing), cypresses, dogwoods, euonymuses, forsythias, hemlocks, hollies, locust, maples, mimosas, oaks, palms, pines, pyracanthas, rhododendrons, spireas, spruces, toyons, viburnums, and white birches. Kills Aphids, Beetles (Japanese), Leafhoppers, Plant Bugs, Spittlebugs, exposed Thrips, and adult Whiteflies on African violets, ageratums, begonias, broadleaf acacias, chrysanthemums, coleuses, daisies, daphnes, fatshederas, geraniums, honeysuckles, irises, ivies, marigolds, nasturtiums, peonies, philodendrons, queen sagos, roses, snapdragons, tobiras, and zinnias.

Also kills Cutworms on gladioli and petunias, Slugs on roses, Spider Mites on chrysanthemums, and Mimosa Webworms on mimosas.

PROCEDURE: Apply in short 1 to 3 second burst, or spray at the rate of one linear foot (1/3m) of growth per second. Spray all around each plant; cover foliage until slightly moist, but avoid heavy wetting. Spray directly on insects whenever possible, especially for adult Whiteflies and Two-Spotted Mites. Use several repeat applications at two-day intervals if necessary.

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 disposed 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 130F (54C) 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 334-526
EPA Est. No 334-IL-2

MANUFACTURED BY
hysan
CORPORATION TM
Blue Island, IL 60406

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