

PM 17 334-526 19 143

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 02 1990

Mr. Lewis Mantels
Hysan Corporation
4309 South Morgan Street
Chicago, IL 60609

Dear Mr. Mantels:

Subject: I-Sect Aqueous Pressurized Spray For House & Garden
EPA Registration No. 334-526
Your Application Dated May 26, 1989

The labeling submitted in response to a Reregistration Standard and for the purpose of upgrading the label is acceptable subject to the comments listed below. A stamped copy of the draft label is enclosed for your records.

1. Submit a revised Confidential Statement of Formula showing the certified upper and lower limits for each active ingredient in pure active form and for each individually added inert ingredient. Note that the lower limit of the active ingredients must be the same as the label claim.
2. Add "Extremely Flammable" to the Physical/Hazards statement.
3. In the statement of practical treatment for eyes, change "then hold eyelids open and continue flushing for 15 minutes" to read "then hold eyelids open and flush with plenty of water."

BEST AVAILABLE COPY

51317:I:T:V: :LPC-CBI-5:KENCO:9/10/90:10/10/90:EK:VO:FK:CL

CONCURRENCES

SYMBOL	H7505C						
SURNAME	Tarom						
DATE	9/11/90						

Submit five (5) copies of the amended finished label before the product is released for shipment under this amended labeling.

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

BEST AVAILABLE COPY

NOTE: Minimum type size on back panel is 6 points. Panels below are already at 6 point type with 16 pica column width and 33 pica panel width.

I-SECT

Aqueous Pressurized Spray for **HOUSE & GARDEN**

FOR GARDEN PESTS
FOR HOUSE 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,
Office, Medical, and Residential
Buildings, Vehicles, and Premises.

Kills Many Common Flying Insect Pests: Bees, Flies (Deer, Fruit, House, and Stable), 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 (Carpenter, 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, Mites (Spider, Spider, and Two-Spotted), Moths (Gypsy and Tussock), Leafhoppers, Mimosa Webworms, Oakworms, Plant Bugs, Sawflies, Slugs, Spittlebugs, exposed Thrips, Weevils, and adult Whiteflies.

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

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

**KEEP OUT OF REACH OF CHILDREN.
CAUTION**

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT STATEMENTS ON BACK PANEL.

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

MANUFACTURED BY
hysan
CORPORATION
MAIN OFFICE CHICAGO, IL 60606
Other locations: Waco, TX 76712
Blue Island (Chicago), IL 60406
Cartersville (Atlanta), GA 30120

NET WT 17 OZ (1 LB 1 OZ) 481 g

NET WT 12.5 OZ (354 g)

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, office, medical, and residential buildings, vehicles, and premises including food and non-food areas of Homes, Apartments, Yards, Patios, Swimming Pools, Cars, Vans, Campers, Mobile Homes, Boats, Trucks, Trailers, Buses, Ships, Airplanes, Public Transportation, Public Buildings, Schools, Laboratories, Hospitals, Nursing Homes, Doctors & Dentists 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, and Stores.

Kills many common flying and crawling insect pests including Ants, Bedbugs, Bees, Centipedes, Cockroaches (including German (Cotton) Bugs) and American (Waterbugs), Crickets, Deer Flies, 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 & 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):

QUICKLY follow directions below. 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 for 15 minutes.

PHYSICAL/CHEMICAL HAZARDS:

Contents under pressure. Do not use or store near heat or open flame. 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 INSTRUCTIONS FOR ALL USES:

BEFORE USE: FIRST read entire label carefully. Find and dispose of all infested foods/drinks/feeds, packaged goods, etc. Remove pets (including birds) and cover non-movable aquariums, etc. in area to be treated.

Before spraying in medical care areas, 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.

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" (1/2 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.

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.

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 (10' x 12' x 8', 28 m³, 3 m x 4 m x 2 1/2 m) of space. Leave the treated area and keep it closed off for at least 15 minutes after spraying. Ventilate area thoroughly before reentry. 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 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 (Carpenter, 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. Shelvers 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 baseboard, footboards, bed boards, and walls. First, thoroughly clean and a mattress 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 to 1 1/2 m from dog. Do not spray directly in eyes or mouth of animal. Apply directly to animal's arched 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, Spider, and Two-Spotted), Plant Bugs, Slugs, Spittlebugs, exposed Thrips, and Whiteflies on African violets, ageratum, amaranth, false aralia, begonia, Christmas cacti, chrysanthemum, cockscomb, coleus, gold-dust croton, cup flowers, daisies, daphnes, dracaenas, dumbcane, fatsheer, asparagus ferns, luchsias, geraniums, heliotropes, hibiscus, impatiens, ivies, jades, jacob's ladders, lilies, lobelia, marigolds, mayten trees, nasturtium, petunias, philodendrons, poinsettias, roses, silver vases, snapdragons, toyons, verbenas, umbrellas, trees, wax plants, and zinnias.

PROCEDURE: If possible, move plants outdoors (or to an indoor location where children, pets, and food will not be present) and follow applicable directions in the outdoor section below. Return plants to original location after leaves are dry. If plants cannot be moved from hiding and eating areas, follow applicable directions in the previous "TO KILL FLYING INSECTS" and the following "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 (1/3 cubic meter) of space, while moving away from the treated area. Treat open porches and patios in a similar manner. Spray only when the air is still. Allow spray to dissipate before occupying the treated area.

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, MILLPEDES, 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, white birches, cypresses, dogwoods, eunymus, forsythias, hemlocks, hollys, locusts, maples, mimosas, non-bearing citruses and cranberries, oaks, palms, viburnums, pines, pyracantha, rhododendrons, some spruces and toyons.

Kills Aphids, Beetles (Japanese & Leaf), Leafhoppers, Plant Bugs, Spittlebugs, exposed Thrips, and adult Whiteflies on broadleaf acaecias, ageratum, begonia, chrysanthemum, coleus, daisies, daphnes, fatsheer, geraniums, honeysuckles, irises, ivies, marigolds, nasturtium, peonies, philodendrons, roses, queen sagos, snapdragons, tobaccas, African violets, 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 bursts, or spray at the rate of one linear foot (1/3 m) 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.

USE WITH CAUTION ON TENDER FOLIAGE: young plants and new growth, and on ashes, araliae, Reiger, begonia, bromelias, caenothus, camellias, columneas, crotonasters, cyclamens, cypresses, dillmosa ferns, gloriohas, impatiens, junipers, non-bearing mulberries, flowering quinces, oxalises, jades, primroses, roses (including hybrid tea roses) and African violets; they may be subject to leaf or flower burn under certain conditions of use. As with all plants listed above (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 above, wait 24 hours, and check for possible injury.

STORAGE AND DISPOSAL

GENERAL: Do not contaminate other materials (including water, food, and feed) during transport, use, storage, or 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 (including flames, sparks, and sunlight). Containers heated above 130°F (54°C) may burst.

DISPOSAL: Retain 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

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Hysan Product Name: **I-SECT**
Hysan Product #: **27704-20-**
Disk Volume: **037 (L)**; Filename: **I**
Product File Name at EPA: **I-Sect**

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

27704-20-037