

MAR 20 1991

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

Dear Mr. Mantels:

Subject: -Hysan FIK-25-Insect Killer -
EPA Registration No. 334-448
Your Applications Dated June 2, 1988 and April 10, 1989

The labeling submitted in response to the Registration Standard for Sumithrin is acceptable subject to the comments listed below.

1. The percentage for Sumithrin in the ingredient statement should be 0.150%. All isomers of this ingredient are lumped into one percentage (all active).
2. Add a footnote to the ingredients statement to read as follows:

Contains petroleum distillates.
3. Change the Physical/Chemical Hazards statement to read:

Extremely flammable. Contents under pressure.
Keep away from fire, sparks and heated surfaces.
Do not puncture or incinerate container. Exposure to temperatures above 130 °F may cause bursting.
4. In the Statement Of Practical Treatment for eyes delete the phrase, "for 15 minutes."

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57707: I:Tavano:L10-4;KEVRIC:3/10/91;4/8/91;EK:WO;DD:CL

CONCURRENCES

SYMBOL	SURNAME	DATE						
A75052	Tavano	3/8/91						

5. Provide the chemical identity of:

a. Perfume #31-761

b. Perfume #R0083

All chemical components in each perfume must be identified by CAS numbers and percentage in the mixture. Submit Material Safety Data Sheets.

The Summary Sheet, Generic Data Exemption Statement, and Confidential Statement of Formula (CSF) are acceptable and have been placed into the file for this product.

Sincerely yours,



Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division (N7905C)

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FIK 25 INSECT KILLER

A BROAD-SPECTRUM DUAL-PYRETHROID INSECTICIDE WITH EFFECTIVE KNOCKDOWN AND KILL FOR A WIDE RANGE OF COMMON FLYING AND CRAWLING INSECT PESTS

FOR USE IN: Industrial, Institutional, Commercial, Office, Medical, and Residential Buildings and Vehicles.

Kills Many Common Flying and Crawling Insect Pests: Ants, Brown Dog Ticks, Carpet Beetles, Centipedes, Cockroaches (Water Bugs), exposed forms of Confused Flour Beetles, Crickets, Fleas, Firebrats, Gnats, Houseflies, Mosquitoes, small flying Moths, exposed forms of Rice Weevils and Saw-Toothed Grain Beetles, Sowbugs, and Spiders.

ACTIVE INGREDIENTS:

(1-Cyclohexene-1,2-dicarboximido)methyl 2,2-dimethyl-3-(2-methylpropenyl)-cyclopropanecarboxylate*	0.250%
3-Phenoxybenzyl (1RS, 3RS; 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)-cyclopropanecarboxylate†	0.143%
INERT INGREDIENTS	99.607%
TOTAL	100.000%

*Tetramethrin.
†Sumithrin; d-(cis, trans)-Phenothrin
(max. 25% (±) cis; min. 75% (±) trans).

KEEP OUT OF REACH OF CHILDREN.

CAUTION

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT STATEMENTS ON BACK PANEL.

EPA Reg. No. 334-448 EPA Est. No. 334-IL-2

MANUFACTURED BY
HYSAN
Arlington (Dallas), TX 76011
CORPORATION Blue Island (Chicago), IL 60406
MAIN OFFICE CHICAGO, IL 60609 Cartersville (Atlanta), GA 30120

NET WT 16 OZ (L) 453 g

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 20 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
(FIFRA) registered for the pesticide
334-448

Hysan Product Name:
Hysan Product #: 77777-25-X-XX-XXXX
Disk Volume: 833 (L); Filename: FIK 25 EPA;
Date Last Revised: 04-18-89
Product File Name at EPA: Hysan FIK-25 Insect Killer

HYSAN LARA APPROVAL

By: _____ Date: _____

HYSAN R&D APPROVAL

By: _____ Date: _____

HYSAN SALES APPROVAL

By: _____ Date: _____

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.

It is a water-based product with just enough petroleum distillates (under 10%) to give a good spray and help to deliver the active ingredients into the insects. Helps make life more pleasant by reducing the annoyance of pesky flying insects and crawling bugs that intrude on indoor living spaces.

For use in Industrial, Institutional, Commercial, Office, Medical, and Residential Buildings and Vehicles, including non-food areas of Homes, Apartments, Cars, Vans, Campers, Mobile Homes, Boats, Trucks, Trailers, Buses, Ships, Airplanes, Public Transportation, Public Buildings, Schools, Laboratories, Hospitals, Nursing Homes, Doctor's & Dentist's Offices and Clinics, Veterinary Offices and Animal Hospitals, Pet Boarding Facilities and Zoos, Hotels and Motels, Restaurants and Cafeterias, Food Processing and Bottling Plants, Canned, Manufacturing Plants and Factories, and Stores.

It kills many common flying and crawling insect pests, including Ants, Brown Dog Ticks, Carpet Beetles, Centipedes, Cockroaches (Water Bugs), exposed forms of Confused Flour Beetles, Crickets, Fleas, Firebrats, Gnats, Houseflies, Mosquitoes, small flying Moths, exposed forms of Rice Weevils and Saw-Toothed Grain Beetles, Sowbugs, and Spiders.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Avoid breathing spray mists or vapors. Avoid contact with eyes, skin, and clothing. If on skin or clothing, wash off with soap and water. Do not take internally or contaminate foods, drinks, feeds, or surfaces that they may contact.

STATEMENTS OF PRACTICAL TREATMENT

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: Before spraying, remove pets (including birds), and cover non-movable aquariums, etc. Find and dispose of all infested foods, feeds, packaged goods, etc. Cover or remove exposed foods, drinks, feeds, and food/feed-contact surfaces (on utensils, counters, appliances, equipment, etc.). After treatment, all food/feed-contact surfaces must be washed with an effective cleaning product, followed by a potable (drinking) water rinse.

Do not use in commercial food processing, serving, storage, or preparation areas.

EPA Reg. No. 334-448

MANUFACTURED BY
HYSAN®
CORPORATION
MAIN OFFICE CHICAGO, IL 60609

0489

Made in U.S.A.

Do not spray toward persons or pets. Do not get spray on or in electrical/electronic circuits or equipment.

To spray, hold container upright, SHAKE WELL, and press firmly on spray button. Whenever possible, spray directly on insects. Repeat treatment whenever insects return, or as necessary for control.

To kill GNATS, HOUSEFLIES, MOSQUITOES, small flying MOTHS, and WASPS: 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. Spray 5 to 10 seconds in each 1,000 ft³ (10' x 12' x 8'; 28 m³; 3 m x 4 m x 2½ m) of space. Keep area closed off for 15 minutes after spraying, then ventilate thoroughly before re-entry. Sweep up and destroy fallen insects.

To kill ANTS, COCKROACHES (Water Bugs), and CRICKETS: Thoroughly spray all parts of the area suspected of harboring these pests. Special attention should be paid to holes/cracks/crevices; hidden areas under and behind sinks, stoves, and refrigerators; in food storage areas; and wherever else these pests are suspected of hiding. For Ants, also spray their points of entry, such as around door and window frames; holes/cracks/crevices in walls, floors, and ceilings; known ant trails, etc.

To kill CARPET BEETLES: Thoroughly spray both interior and exterior of upholstered furniture, and top and bottom of rugs and carpets. Also treat closets, shelves, areas under furniture, and wherever these insects are seen or suspected.

To kill exposed forms of CONFUSED FLOUR BEETLES, RICE WEEVILS, and SAW-TOOTHED GRAIN BEETLES: Empty and thoroughly clean food cabinets, closets, storage areas, etc. where these insects are present. Spray on the shelves and in any adjacent holes/cracks/crevices. After shelves have dried, place clean covering on them and return noninfested items.

To kill CENTIPEDES, FIREBRATS, SOWBUGS, and SPIDERS: Thoroughly spray all parts of the area suspected of harboring these pests, including holes/cracks/crevices, and hidden areas under and behind sinks, stoves, and refrigerators.

To kill BROWN DOG TICKS and FLEAS: Do not spray animals. Remove and destroy old pet bedding. Spray pet sleeping quarters, around baseboards and window and door frames, in wall holes/cracks/crevices, and on local areas of floors. After spray has dried, put fresh bedding in pet's quarters. Before reentry, treat dogs and cats with a registered flea and tick control product.

STORAGE AND DISPOSAL

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

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

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

EPA Est. No. 334-IL-2

OTHER LOCATIONS
Arlington (Dallas), TX 76011
Blue Island (Chicago), IL 60406
Cartersville (Atlanta), GA 30120

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