

PM10 #1421-102

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MAY 22 1991

Mr. Jack Smothers
Dettelbach Chemical Company
Division of Hysan Corporation
4309 South Morgan Street
Chicago, Ill 60609

Dear Mr. Smothers:

Subject: Label Revision
DYNAMIC SUPER INSECTICIDE CONCENTRATE
EPA Registration Number 1421-102
Submissions dated May 24, 1989 and April 5, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is not acceptable for the reasons listed below.

1. Delete the entire paragraph: "NOTE: Section below includes optional/additional claims that can be made for product (based on listings.....)".
2. Cite a similar/identical product(s) which has an EPA-approved label similar to the proposed draft label which was submitted for the product listed above (specifically the extended features, claims, and uses regarding the EPA use pattern list).
3. With regard to the extensive use pattern designated on the label, one of the three actions listed below must be undertaken:
 - A. Submit a CERTIFICATION WITH RESPECT TO CITATION OF DATA statement.
 - B. Submit data to support the extensive label claims.
 - C. Remove the claims from the label.

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In the CSF dated June 2, 1972, the formulation for DYNAMIC SUPER INSECTICIDE CONCENTRATE contained 10.000% methylated naphthalenes and 88.85% petroleum hydrocarbons in addition to the four active ingredients. However, in the CSF dated August 28, 1978, the methylated naphthalenes were replaced with 10% additional petroleum hydrocarbons.

Therefore, we concur with the Department of Agriculture, Georgia, that the EPA computer record and PEST-BANK, the SILVER PLATTER CD-ROM DATABASE for EPA 1421-102 are in error and should be corrected to show that the product no longer contains 10% methylated naphthalene.

Sincerely,

RFM

Richard F. Mountfort
Product Manager 10
Insecticide/Rodenticide Branch
Registration Division (H7505C)

NOTE: Minimum type size on back panel is 6 points. (A reduction to 80% will give about 5 point type with 13 pica column width.)

FEATURES, CLAIMS, AND USES

A broad-spectrum dual synergized ready-to-use product with both natural pyrethrin and synthetic pyrethroid for quick knockdown and kill for a wide range of flying and crawling insect pests in both food and non-food areas.

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. Wash thoroughly with soap and water after handling. Avoid breathing spray mist or vapors.

STATEMENTS OF 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 SWALLOWED: Do NOT induce vomiting unless directed by medical personnel. Immediately (for conscious victim) rinse mouth with water. Spit out rinse, then drink a glassful or more of water. Get IMMEDIATE medical attention.

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

NOTE TO PHYSICIAN: Contains over 95% Petroleum distillates (lung aspiration hazard)

PHYSICAL/CHEMICAL HAZARDS

Do not use or store near heat or open flames

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.

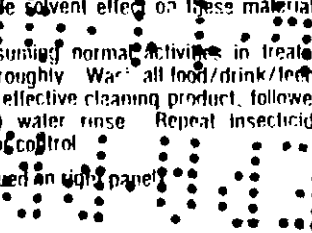
IN MEDICAL CARE AREAS: Before use, remove all patients. After treatment, ventilate area for 2 hours before returning patients.

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 APPLY: Apply undiluted material with a sprayer or fogger, following manufacturer's directions where applicable. Spray directly on insects whenever possible. Do not spray on or toward people, animals, or edible crops. Do not get on desirable vegetation or on solvent-sensitive surfaces. When in doubt, test for possible solvent effect on these materials before use.

AFTER USE: Before resuming normal activities in treated areas, ventilate them thoroughly. Wash all food/drink/feed contact surfaces with an effective cleaning product, followed by a potable (drinking) water rinse. Repeat insecticide treatment as necessary for control.

(continued on right panel)



[Check with LARA Office before adding the USDA statement below.]

Authorized by USDA for use in Federally inspected meat and poultry plants.

**[DYNAMIC SUPER]
INSECTICIDE
CONCENTRATE**

KILLS COMMON FLYING AND CRAWLING INSECTS: Cockroaches (including Waterbugs), Fleas, Flies, Mosquitoes, Silverfish, and Spiders

Kills exposed stages of Grain Insects: Beetles (Cigarette, Drug Store, Red Flour, Rusty Grain, Saw-Toothed Grain, and Spider), Moths (Angoumois Grain and Mediterranean Flour), and Weevils (Granary and Rice)

Also kills Poultry House Insects: Blue Rugs and Red Mites

FOR USE IN AND AROUND BOTH FOOD AND NON-FOOD AREAS OF: Industrial, Institutional, Commercial, Residential, and Medical Premises, Buildings, and Vehicles, including Meat Packing Plants, Dairies, Bakeries, Flour Mills, Poultry Houses, Warehouses, and wherever food is stored or processed

ACTIVE INGREDIENTS:

Pyrethrins	0.078%
d-trans Allethrin	0.066%
N-Octyl bicycloheptene dicarboximide	0.622%
Piperonyl butoxide, technical*	0.375%
INERT INGREDIENTS†	98.859%
TOTAL	100.000%

*Equivalent to 0.300% (Butylcarbityl)(6-propylpiperonyl) ether and 0.075% related compounds

†Includes Petroleum distillates

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

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

EPA Reg. No. 1421-102

EPA Est. 334-GA-1

Manufactured by DETTELBACH CHEMICAL CORP., a division of

hysan[®]

OTHER LOCATIONS: Waco, TX 76712
Blue Island (Chicago), IL 60406

MAIN OFFICE: CHICAGO, IL 60609
Cartersville (Atlanta), GA 30170

NET 1 GAL (3.78 L)

Hysan Product Name **SUPER KILL (LE-17)**

Hysan Product # **90540-01-X-XX-XXXX**

Disk Volume **050 (L)**, Filename **A90540 01 EPA**, Date Last Revised **04-04-90**

Product File Name at EPA **Dynamic Super Insecticide Concentrate**

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

(SEE ADDITIONAL COPY ON BACK.)

ADDITIONAL

TO KILL FLYING INSECTS: Close all doors, windows, and perimeter of area to be treated. Use a very fine mist spray in the air, such as fans, ceiling fans, and center of the area with mist. (10' x 12' x 8'; 20' x 20' x 8'). Sweep up and des...

TO KILL CRAWLING INSECTS: fish, and Spiders. Thoroughly spray these pests. Spray breeding places in and ceilings; in open areas, in moist areas, in stoves, refrigerators, dishwashers; and in other areas where Spiders, also use other hiding places.

TO KILL FLEAS: old pet bedding areas frequented by pets, around basins and floors (especially in crevices), and in hot surface until slightly dry. Treat pets with a flea treatment on animals.

TO KILL GRAIN INSECTS: Moths, Cigarette Weevils, Mediterranean Weevils, Rusty Grain Beetles, Spider Beetles (including grain, on walls, and floors in crevices). Spray attention to holes. Cover shelves and are dry.

TO KILL POULTRY MITES: Do not spray on trash. Adjust spray on other surfaces and holes/cracks/crevices.

GENERAL: Do not spray on water/food/feed disposal. If damaged, any waste then dispose.

STORAGE: Keep in a cool, dry, locked from sources of contamination (including other chemicals and other chemicals).

DISPOSAL: Do not spray on newspaper, and do not spray on newspaper.

EPA Reg. No. 142

GA-90

Use only on containers over 1 gal. See label for the equivalent action on the 1 gal. label.

STORAGE AND DISPOSAL

GENERAL Do not contaminate other materials (including water/food/feed) during transport, use, storage, and disposal. If damaged, leaking or spilled, dispose of as below.

STORAGE Keep in upright, tightly closed original container in a cool, dry, locked area inaccessible to children and away from sources of ignition, heat, degradation and contamination (including flames, sparks, hot surfaces, sunlight, and other chemicals).

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at 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 procedures approved by State and local authorities. Rinsed plastic & paper-reinforced plastic containers may also be disposed of by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

0430 Made in U.S.A. 90540

Label below includes optional/additional claims that can be made for this product.

FEATURES, CLAIMS, AND USES

Kills many common flying and crawling insects, including Angoumois Grain Moths, Blue Bugs, Cigarette Beetles, Cockroaches (American (Waterbugs) and German (Crown Bugs)), Drug Store Beetles, Fleas, Flies, Granary Weevils, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Red Mites, Rice Weevils, Rusty Grain Beetles, Saw-Toothed Grain Beetles, Silverfish, Spider Beetle, and Spiders.

For use in and around both food and non-food areas of industrial, institutional, commercial, office, medical, and residential buildings, vehicles, and premises, including meat packing plants, dairies, bakeries, flour mills, poultry houses, warehouses, and wherever food is stored or processed. Also for use in/around 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, doctor's and dentist's offices and clinics, veterinary offices and animal hospitals, pet boarding facilities, zoos, hotels and motels, restaurants and cafeterias, food processing and bottling plants, canneries, manufacturing plants and factories, and stores.

Label below includes optional/additional claims that can be made for this product based on listings in CFR 40, Part 158, Appendix A. This assumes that all active ingredients in this product will be supported for the following FOOD AND NON-FOOD USES: general use patterns (use groups): **INDOOR** (Food and Non-Food): Residential, Domestic, Medical and Non-Food; **RESIDENTIAL/DOMESTIC OUTDOOR** (Food and Non-Food): Food Crop and Non-Food Crop; and **TERRESTRIAL NON-CROP** (Food and Non-Food): Crop. The following general use patterns are NOT supported because at least one of the active is not expected to be supported for use: **Foresty and Aquatic** (residential/domestic non-food/non-crop, industrial non-crop, outdoor non-food/non-crop, and food use/crop).

EPA USE PATTERN LIST

CAN BE USED IN/ON SITES SUCH AS THE FOLLOWING ...

Processed or Manufactured Products, and Food or Feed Containers or Dispensers-

Processed or manufactured nonfood plant and animal products (indoor). Textiles, fabrics, and fibers, fur and hair products, and leather products.

Food and feed containers, dispensers, and processing equipment (indoor). Airtight storage (large or small, empty or full), fumigation chambers, bins, elevators, and storage areas (empty/full).

Processing and handling equipment and machinery- other than food processing (indoor).

Pets and Domestic Animals- their man-made premises-

Fur and wool-bearing animals (indoor). Goats, sheep, minks, chinchillas, rabbits, foxes, and nutrias.

Fish and shellfish production (aquatic food use). Hatchery buildings and containers.

Animals for labor, display, riding, racing, lab uses, etc. (indoor). Dogs, horses, donkeys, and mules, guinea pigs, mice, rats, gerbils, hamsters, monkeys, cats, chickens and birds, wild rodents, zoo ruminants, zoo ungulates, zoo canines, zoo felines, zoo primates, zoo reptiles, zoo amphibians, zoo birds, zoo others.

Animals for pets, including their cages, bedding, nests, etc. (indoor). Dogs, cats, birds, rodents, lagomorphs, amphibians, reptiles, primates, and other vertebrates.

Agricultural Premises and Equipment-

Egg handling facilities and equipment (indoor). Egg rooms, hatching egg treatments, hatching egg rooms; hatching egg equipment; and egg packing plants and hatcheries.

Milk handling facilities and equipment (indoor). Milk storage rooms, milking stalls and parlors, and milk processing equipment.

Household-

Non food areas and sites (indoor). Closets and storage areas, basements and cellars, bedrooms, attics, recreation rooms, living rooms, baseboards, window sills, etc., plumbing fixtures; and sickrooms.

Food handling and storage areas (indoor). Kitchens, dining rooms, and pantry and food storage shelving.

Household contents and space (indoor). Air, beds, rugs, bookcases, furs, fabrics, and blankets, play pens, sickroom utensils, filters for air vents, air conditioners, furnaces, etc.

Outdoor areas- noncommercial homeowner use (domestic outdoor). Porches, patios, foundations, steps, and eaves.

Noncrop, Wide Area, and General Indoor/Outdoor Treatments-

Uncultivated agricultural areas- non-food producing (terrestrial noncrop). Farmyards and fuel storage areas.

Uncultivated nonagricultural areas- outdoor (terrestrial noncrop). Airports.

Recreation areas, fairgrounds, race tracks, tennis courts, etc. (terrestrial noncrop). Campgrounds, recreation area structures, and sewage disposal areas.

Industrial sites- lumberyards, tank farms, etc. (terrestrial noncrop).

Paved areas (terrestrial noncrop). Private roads and walks.

Wide area and general indoor/outdoor treatments (terrestrial noncrop or indoor). Rural areas (unspecified), urban areas (unspecified), public buildings and structures, nonagricultural areas for public health treatments, bird roosting and nesting areas, and bird feeding areas.

Commercial and Industrial Uses-

Transportation facilities (indoor). Buses; trucks and trailers, containers and units; railroad cars, aircraft, ships/barges; autos and taxis, recreational vehicles; and shipping containers.

Food and feed processing plants (indoor). Bakeries; bottlers, canneries, dairies, creameries, and milk processing plants; feed mills and feed stores, fresh fruit packing and processing, meat processing, poultry processing, wineries and wine cellars, flour mills, machinery, warehouses, bins, and elevators, egg processing, candy and confectionery plants; sugar processing, cane mills, etc., cider mills, dry food products plants; tobacco processing, air treatment for processing and transportation of foods, beverage processing, nut processing; cereal processing; seafood processing, vegetable oil processing, spice mills, vinegar processing; farinaceous processing (noodles, etc.), mushroom processing, dried fruit processing, pickle processing, ice plants; chocolate processing, and fruit juice processing.

Eating establishments- all (indoor). Food handling areas, food serving areas, eating establishment nonfood areas, food storage equipment (coolers, refrigerators, etc.).

Food marketing, storage, and distribution (indoor). Food dispensing and vending equipment, food stores, markets, and stands, meat and fish markets, food catering facilities, and food marketing, storage, and distribution equipment and utensils.

Hospitals and related institutions and facilities (indoor). Critical premises (for example, burn wards, etc.); hospital patient premises (wards, emergency rooms, etc.); noncritical premises (labs, lounges, lobbies, and storage); noncritical items (such as bedpans, carpets, furniture, etc.), and air treatment (also to ambulances).

Janitorial equipment (indoor).

Barber and beauty shop instruments and equipment (indoor).

Morgues, mortuaries and funeral homes (indoor). Premises (embalming rooms, etc.), equipment (tables, etc.), instruments, and burial vaults and mausoleums, and air treatment.

Commercial, institutional, and industrial maintenance, buildings, and structures (indoor). Locker rooms and equipment, gyms, bowling alleys, and equipment, telephones and booths, shower rooms, mats, and equipment, cotton mill premises and equipment, auditoriums and stadiums, factories, rendering plants, loading areas and ramps, school buildings and equipment, office buildings, and laundries.

Domestic and Human Use-

Human articles and materials (indoor). Brick, asbestos, etc., wood surfaces; leather surfaces; fabric surfaces; and paper/paperboard surfaces.

Specialty uses (indoor). Museum collections (preserved animal and plant specimens), military uses (not specified), quarantine uses (not specified), DHS/FDA uses (not specified), filters (air conditioning, air, and furnace), underground cables, cuspidors and spilloons, laundry equipment (carts, chutes, tables, etc.), dust control products and equipment (mops, etc.), carpets, and upholstery.

Bathrooms and related sites (indoor). Bathroom premises, portable and chemical toilets, and bathroom air treatment.

Refuse and solid waste (indoor). Refuse and solid waste containers, refuse and solid waste transportation and handling equipment, garbage dumps, household trash compactors, garbage disposal units and food disposals, and incinerators.

Miscellaneous Indoor Uses-

Surface treatments (indoor). Hard nonporous surfaces (painted tile, plastic, metal glass, etc.), and porous surfaces (cement and plaster), and camping equipment and gear.

