

DEC 23 1991

Mr. Robert V. Yocum
Micro-Gen Equipment Corporation
10700 Sentinel Drive
San Antonio, TX 78217

Dear Mr. Yocum:

Subject: Revised labeling
ULD BP-300 Insecticide
EPA Registration Number 11540-1
ULD BP-100 Insecticide
EPA Registration Number 11540-9
ULD BP-50 Insecticide
EPA Registration Number 11540-13
Submissions dated December 12, 1991


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the respective product labels are enclosed for the record.

1. Delete the use of the products in planes (airplanes). It is not appropriate for pesticides containing large amounts of petroleum distillates. In addition, delete cities, towns, and municipalities from the list of acceptable use sites as these use patterns are too broad.
2. Regarding products 11540-1 and 11540-9, add the following statement to the respective product labels:

In health care facilities, remove patients prior to treatment. Thoroughly ventilate treated area for two hours before returning patients.
3. Regarding product 11540-1, delete the "100%" which appears on the product label following the words ACTIVE INGREDIENTS.

4. Regarding products 11540-1 and 11540-9, change the ENVIRONMENTAL HAZARDS statement to read "Do not contaminate water when disposing of equipment washwaters."

Sincerely,

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

ULD
BP-50
INSECTICIDE

Designed for Use in Edible Product Areas
of Official Establishments Operating Under the
Federal Meat, Poultry, Shell Egg Grading and Egg
Products Inspection Programs and in
Other Food Processing Plants.
Also for use in other sites, see back panel

ACTIVE INGREDIENTS:

PYRETHRINS.....	0.5%
*PIPERONYL BUTOXIDE, TECHNICAL	5.0%
*EQUIVALENT TO 4.0% (BUTYLCARBITYL) (6-PROPYLPIPERONYL) ETHER AND TO 1.0% RELATED COMPOUNDS	
INERT INGREDIENTS:.....	94.5%
Contains Petroleum Distillate	

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements
And Statement of Practical Treatment

MICRO-GEN EQUIPMENT CORP.
10700 Sentinel Drive
San Antonio, Texas 78217, USA

Tel No. 512/654-8570

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 23 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
11540-13

EPA REG. NO. 11540-13
EPA EST. NO. 11540-TX-1

BATCH NO. _____

Net Contents:

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Keep out of reach of children. CAUTION: Harmful if swallowed. Do not apply directly to food. Cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After spraying in meat packaging plants, bakeries, and other food processing plants, wash all equipment where exposed food will be handled with an effective cleaning compound followed by a potable water rinse. In the home, all food processing surfaces, dishes and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds, cover fish aquariums and turn off air pump motor before spraying.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - Contains petroleum distillate. Call a physician or Poison Control Center immediately.

DO NOT INDUCE VOMITING - VOMITING MAY CAUSE ASPIRATION PNEUMONIA.

IF INHALED - Remove victim to fresh air and apply respiration if needed.

IF ON SKIN - Remove contaminated clothing, wash promptly with soap and water.

IF IN EYES - Flush eyes with plenty of water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Note: Some furniture finishes and particularly plastics can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protection until thoroughly ventilated or sprays have dried. Use a respiratory device as recommended by NIOSH/MSHA for protection against organic vapors and pesticides.

BEST AVAILABLE COPY

STORAGE AND DISPOSAL

1. **Prohibitions**
Do not contaminate water, food, or feed by storage or disposal.
2. **Pesticide Disposal**
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
3. **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.

DIRECTIONS FOR USE

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

Dependent upon insects to be controlled and the area to be treated, this product may be applied through mechanical aerosol or ULV generators such as Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

Space Spray - Indoor

For control of accessible, exposed stages of flies, including fruit flies, mosquitoes, small flying moths, gnats, wasps, hornets, cheese skippers, and these common stored product pests: granary weevils, rice weevils, confused flour beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, Drugstore beetles, Angoumois grain moths, Mediterranean flour moths, Indianmeal moths, Tobacco moths, meal worms, and grain mites. Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at the rate of 1 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. For best control of wasps and hornets, apply directly to nests in the evening when the insects have returned to nests. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

Space and Contact Spray

Use full strength or dilute as desired according to dilution table listed on side and apply through equipment which can deliver a pin stream spray. For control of accessible exposed stages of silverfish, crickets, roaches, spiders, scorpions, clover mites, cheese mites, earwigs, and ants, first using equipment which can deliver a pin stream spray, direct spray in all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects are known to seek shelter. Contact as many insects as possible, spray directly all ant trails. Do not allow spray to contact stored food. Then, shutting all doors, windows, and shutting off all ventilating systems proceed with space spraying directions as given above. Use a dosage rate of 1 ounce per 1,000 cubic feet of space or if diluted 1-2 ounces per 1,000 cubic feet. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

DILUTION: Use a white mineral oil conforming to regulation 21 CFR 121.2589 (b), or an odorless light petroleum hydrocarbon conforming to 121.1182. Combine oil and BP-50 as directed below and mix well just prior to application.

Active % Desired	Mixture Rate	Application Rate per 1,000 cu. ft.
0.30	2/3 Parts Concentrate to 1 Part Oil	1-2 oz
0.15	1/3 Parts Concentrate to 1 Part Oil	1-2 oz

BEST AVAILABLE COPY

FOR USE ON ANIMALS:

To protect beef and dairy cattle, horses and dogs from horn flies, house flies, mosquitoes and gnats, apply a light mist sufficient to wet the tips of the hair. To control Stable flies, horse flies and deer flies on beef and dairy cattle and horses, apply 2 oz. per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the motile stages of blood sucking lice on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 oz. or less per animal and repeat every 2 to 3 weeks as required.

In mushroom production and processing

To control mushroom flies or fungus gnats in growing houses, apply with fogging or ULV equipment at a rate of 1 ounce per 1,000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directed slightly upward over them. Circulating fans should be left in operation, but for best results, refrigeration should be turned off. In packing and canning plants, use at a rate of 1 ounce to 2,000 cubic feet of space.

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In addition to sites listed on front panel ULD BP-50
Insecticide is acceptable for use in the following sites:
INDOOR

Aircraft	Mobile Homes
Animal areas & quarters	Museums
Auditoriums	Mushrooms Houses
Bakeries	Mushrooms Processing Plants
Beverage Plants	Horticultural Nurseries
Boats	Nursing Homes
Bottling Plants	Offices
Brandy Storage Warehouses	Office Buildings
Buildings	Passenger Rail Cars
Buses	Peanut Processing Plant
Cabins	Peanut Storage Warehouses
Canneries	Planes
Cattle Barns	Poultry Houses
Churches	Poultry Processing Plants
Closets	Prisons
Condominiums	Public Buildings
Communication Centers	Rabbit Processing Plants
Correctional Facilities	Rabbit Houses
Dairy & Livestock Barns	Railroad Cars
Dried Fruit Processing Plants	Recreational Vehicles
Drains & Sewers	Research Animal Areas
Dried Fruit Warehouses	Restaurants
Drugstores	Restrooms
Dumpsters	Rice Mills
Dwellings	Shade Houses
Egg Processing Plants	Ships
Factories	Shipholds
Flour Mills	Stables
Food Handling Establishments	Stable Bins
Food Processing Plants	Stored Food in Multi-walled
Freight Containers	Paper or Cloth Bags
Fruit Packing Shed	Stored Seed Warehouses
Garbage Cans	Stores
Garbage Compactors	Supermarkets
Goat Houses	Swine Houses
Grain Elevators	Textile Mills & Warehouses
Grain Mills	Theaters
Grain Handling Equipment	Tobacco Plants
Granaries	Tobacco Warehouses
Green Houses	Townhouses
Homes	Trains
Horse Stables/Barns	Transportation Equipment
Hospices	Trucks
Industrial Installations	Truck Trailers
Institutions	Utilities
Jails	Utility Rooms
Laboratories	Voids (Attics, Walls, Ceilings)
Libraries	Warehouses
Livestock Barns	Wineries
Loafing Sheds	Wine Storage Warehouses
Locker Rooms	Zoos
Mills	
Mausoleums	
Meat Packing Plant	
Milk Rooms	
Missions	

ULD BP-50 Insecticide is also effective against the following insects when used according to label directions:

Flying Insects:

Flies
 Mosquitoes
 Gnats
 Fruit Fly
 Horse Fly
 House Fly
 Barn Fly
 Stable Fly
 Face Fly
 Skipper Fly
 Deer Fly
 Black Fly
 Horn Fly
 Mushroom Fly
 Fungus Gnats
 Wasp
 Hornets
 Bees
 Vinegar Fly
 Yellow Jacket
 Blow Fly
 Bottle Fly
 Cheese Skippers

Flea and Tick Control:

Brown Dog Tick
 Sheep Tick
 Spinosa Ear Tick
 Fleas
 Ticks

Spiders & Mites:

Spiders
 Mites
 Paper mite
 Clover Mite
 Cheese Mite
 Grain Mite

Greenhouse & Horticultural Pests:

Aphids
 Cabbage Loopers
 Cabbage Worms
 Chrysanthemum Leaf Miners
 Mealy Bugs
 Red Spider Mites
 Spider Mites
 Thrips Vegetable Leaf Miners
 White Flies

Grain Borers:

Lesser Grain Borer
 Larger Grain Borer

Crawling Insect Control:

Cockroaches
 Scorpions
 Centipede
 Sowbugs
 Millipedes
 Pill Bugs
 Water Bugs
 Firebrats
 Bed Bugs
 Palmetto Bugs
 Chiggers
 Fire Ants
 Grasshoppers

Worms:

Dark Mealworm
 Yellow Mealworm
 Lesser Mealworm

Beetles:

Black Fungus Beetle
Drugstore Beetle
Red Flour Beetle
Saw-Tooth Grain Beetle
Spider Beetle
Carpet Beetle
Ground Beetle
Darkling Beetle
Flat Grain Beetle
Dried Fruit Beetle
Dermestid Beetle
Cereal Beetle
Hide Beetle
Depressed Flour Beetle
TwoBanded Beetle
Fungus Beetle
Hairy Fungus Beetle
Corn Sap Beetle
Brown Spider Beetle
White Marked Spider Beetle
Hairy Spider Beetle
Trogoderma Beetle
Red Horned Grain Beetle
Copra Beetle
Merchants Grain Beetle
Rusty Grain Beetle
Black Carpet Beetle
Squarenecked Grain Beetle
Foreign Grain Beetle
Mexican Grain Beetle
American Black Flour Beetle
Longheaded Flour Beetle
Slenderhorned Flour Beetle
Smalleyed Flour Beetle
Broadhorned Flour Beetle
Large Black Flour Beetle
Catorama Beetle
Murmidius Beetle

Moths:

Mediterranean Moth
Clothes Moth
Almond Moth
Cocoa Bean Moth
Chocolate Moth
Rice Moth
European Grain Moth
Pink Scavenger Caterpillar

Weevils:

Rice Weevil
Granary Weevil
Bean Weevil
Maize Weevil
Coffee Bean Weevil
Broadnosed Grain Weevil

THE FOLLOWING ARE NEW STATEMENTS WE WISH TO ADD TO THE LABEL:
ULD BP-50 Insecticide 11540-13

DIRECTIONS FOR USE

Deep Void Crack & Crevice Application - to flush and kill insects harbored in deep voids and behind cracks and crevices.

Spot Application:

With equipment designed for deep void Ultra low volume (ULV) applications follow the manufacturer's recommendations for proper equipment setup and operating pressures. Place the tip of the applicator at or into the crack and crevice to be treated. Apply product in short bursts while keeping tip in position. Allow the air stream to push insecticide deep into voids. Repeat application as necessary to flush insects from voids. Avoid applying to the point of runoff or drip. Ventilate thoroughly before occupants are allowed to re-enter.

Linear application along baseboards, trim molding, etc.:
With equipment designed for deep void ULV application, move applicator tip along the crevice to be treated applying a constant burst of insecticide. Move the tip at a steady rate of approximately one (1) foot per second. Avoid applying to the point of runoff or drip. Repeat application as necessary to flush insects from the void. Ventilate thoroughly before occupants are allowed to re-enter.