

JUL 2 1985

J. J. Dill Company  
P.O. Box 788  
Kalamazoo, MI 49005

Gentlemen:

Subject: Pyrethrin OS  
EPA Registration No. 6900-25  
Your Submission Dated March 25, 1985

The amendment referred to above, to update general labeling including precautionary statements, statement of practical treatment, and storage and disposal statements, is acceptable.

However, in the Environmental Hazards statement delete the sentence "Keep out of lakes..." and add "Do not add directly to water."

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

Sincerely yours,

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

JOB:87607:Kendricks:898-1270:RD:85/35:6/13/85:DEL:6/26/85:SG

CONCURRENCES

SYMBOL								
SURNAME	<i>T. Gardner</i>							
TEXT	<i>6/26/85</i>							

EPA 113-74-R

OFFICIAL FILE COPY

# DILL

## A SYNERGIZED OIL CONCENTRATE PYRETHRIN OS

A DOUBLE ACTING SYNERGIZED PYRETHRIN CONCENTRATE IN A HIGHLY REFINED PETROLEUM OIL FOR DILUTION IN OIL. PROVIDES FAST KNOCK DOWN AND DEEP FLUSHING ACTION.

FOR PROFESSIONAL PCO USE  
contains

ACTIVE INGREDIENTS 100%	By Wt.
Pyrethrins	1.19%
Technical Piperonyl Butoxide*	11.89%
Petroleum Distillate	86.92%
	Total 100.00%

\*Equivalent to 9.51% (butylcarbityl) (6-propylpiperonyl) ether and 2.38% related compounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
See reverse side for additional precautions.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or poison control center immediately. Do not induce vomiting unless directed by a physician. This product contains a high amount of petroleum distillate. Vomiting may cause aspiration pneumonia.

**IF INHALED:** Remove affected person to fresh air. Apply artificial respiration if indicated.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with plenty of soap and water.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

BATCH \_\_\_\_\_ NET CONTENTS \_\_\_\_\_ EPA NO. 6900-MI-1 EPA NO. 6900-25

MANUFACTURED BY THE J. J. DILL COMPANY  
1407 RAVINE ROAD, KALAMAZOO, MICHIGAN • P. O. BOX 788

**DIRECTIONS FOR USE**  
DILL PYRETHRIN OS SYNERGIZED CONCENTRATE HAS MANY APPLICATIONS IN MILLS, ELEVATORS, GRANERIES, WAREHOUSES, FOOD PLANTS, BOX CARS AND WHEREVER FOOD IS PREPARED, STORED, SHIPPED OR HANDLED.

**DILUTION INSTRUCTIONS**  
For contact spraying and mist spraying using Challengers, Microsols, Klip-On, and similar equipment dilute one part DILL PYRETHRIN OS SYNERGIZED CONCENTRATE with nine parts oil. For space and contact spraying with hand and pressure sprayers, dilute one part DILL PYRETHRIN OS SYNERGIZED CONCENTRATE with 19 parts oil and use as follows:

**DIRECTIONS FOR USE**  
**FLIES, MOSQUITOS, GNATS**  
Close area to be treated, direct spray toward ceiling and fill space with mist. Keep closed for 10 to 20 minutes. Repeat treatment as necessary.

**ANTS**  
Thoroughly spray around door frames, baseboards, windows and food storage areas. Particular care should be taken to treat the ant trails. Repeat as necessary.

**ROACHES, WATERBUGS, SILVERFISH**  
Spray liberally with force around refrigerators, sinks, all cabinets, around pantry shelves, into all cracks and crevices in molding and woodwork, pipe openings in walls and floors and wherever these insects might hide. Repeat as necessary.

**CARPET BEETLES**  
Thoroughly spray infested rugs and carpets, also treat all cracks in baseboards and floor. Repeat as necessary.

**CLOTHES MOTHS**  
Clean woollens and thoroughly spray taking particular care to treat all seams and folds. Repeat application every thirty days or store treated articles in moth tight containers.

**BEDBUGS**  
Thoroughly spray bedsteads, springs and mattresses taking particular care to treat all cracks and crevices on bedsteads, and tufts and seams on mattresses. Spray baseboards, door and window casings, and wall cracks about the bedroom.

**FLEAS**  
Spray liberal application to floor areas, carpets, baseboards, cracks and crevices. Also treat lower parts of furniture, animal's sleeping quarters and wherever these insects may be suspected.

ACCEPTED  
with conditions  
by EPA on 7/2/85

JUL 2 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act  
Registration No. 6900-25

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. The use of this product in food processing plants should be confined to time periods when the plant is not in operation. Foods should be removed or covered before treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Clean out any waste grain, dust, dirt or debris and destroy before spraying. Remove pets, birds and fish aquariums before spraying.

STORED FOOD AND PANTRY PESTS

The active ingredients in a spray made by diluting one part DILL PYRETHRIN OS SYNERGIZED CONCENTRATE with nine parts of suitable base oil are present in sufficient concentration to kill on contact the exposed (or accessible) stages of the granary weevil, rice weevil, confused flour beetle, rust red flour beetle, cadella, saw-toothed grain beetle, spider beetle, angoumois grain moth, Mediterranean flour moth, meal worm, cigarette beetle, drug store beetle, cheese skipper, cheese mite and grain mite.

Remove all packages of food and treat all interior surfaces of shelves and cupboards. Allow spray to dry thoroughly before returning packages to shelves. Infested food packages should be destroyed.

For best results spray thoroughly at rate of 1 gallon per 750 sq. ft. of surface with a hand or pressure type sprayer into cracks and crevices and other places where insects may be harbored in order to contact as many as possible.

DIRECTIONS FOR USE WITH  
RESIDUAL INSECTICIDES

DILL PYRETHRIN OS SYNERGIZED CONCENTRATE may be combined with most residual insecticides on the market today.

DILL PYRETHRIN OS SYNERGIZED CONCENTRATE provides the double punch of fast knock down and deep flushing action to residual insecticides. Use one part concentrate to 20 to 60 parts finished insecticide depending on results desired.

DILUTION DIRECTIONS FOR  
THERMAL FOGGING

For use in thermal fogging such as Aero-Master, Dyna-Fog, BV1, and other thermal foggers dilute one part of DILL PYRETHRIN OS SYNERGIZED CONCENTRATE with four parts of base oil.

FOGGING INSTRUCTIONS

Flying insects such as flies, fruit flies, gnats, flying moths, mosquitoes, and certain other small flying insects are killed almost immediately on contact. Use at the rate of 1 oz. per 2000 cu. ft. of space. Cover foodstuffs to prevent contamination from falling insects.

For best results close area to be treated and keep closed for ten minutes. Do not fog in presence of fire or open flame.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

**BEST AVAILABLE COPY**

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL  
HAZARDS

Do not fog in presence of open fire or flame. Combustible liquid, do not use, spill, pour or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in manner inconsistent with it's labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: If container is damaged: Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required as to prevent contact with the product or its vapors. Cover spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flame.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.