

OCT 8 1982

$$\begin{array}{r} 310 \\ 18 \overline{) 74392} \\ \underline{54} \phantom{00} \\ 203 \phantom{00} \\ \underline{180} \phantom{00} \\ 2392 \end{array}$$

Mrs. Cynthia B. Gerard  
Chemisco, Inc.  
8494 Chapin Industrial Drive  
St. Louis, MO 63114

Dear Mrs. Gerard:

Subject: DUAL Flea Control  
EPA Registration No. 9688-41  
Your Amended Application Dated June 22, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. Delete "meat packing plants" from the food precautionary statement.
- b. The statement under Hazards to Humans and Domestic Animals to "Remove pets, birds and cover fish aquariums before spraying" should be revised to something like "Remove birds and <sup>cover or remove</sup> fish aquariums before spraying. Do not expose other pets to this spray except as specified on this label."
- c. The Hazard to Humans and Domestic Animals statement should include direction to wash hands after using this product.
- d. Direction for use on dogs and cats should specify that this product is not to be used on animals of less than one month of age.
- e. Direction for use on dogs and cats should specify to avoid spraying the area at the base of the tail.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

**BEST AVAILABLE COPY**

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,



Franklin D. R. Gee  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

TS-767:Gee:DCR-24777;WANG-0353C:hk:Raven:479-2013: 9/24/82  
Revised:10/4/82:AC.:WANG0500C:DCR:24794  
Revised:10/5/82:wec:WANG0500C:DCR:24794

ah03

**BEST AVAILABLE COPY**

396

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 3 1982

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

9688-41

**CHEMSICO  
Dual FLEA CONTROL**

Non-Staining formula

Spray directly on infestations & treat an entire room  
(A full can will treat an area up to 20' x 15' with a 10'  
ceiling) with an effective bug killing fog that's pleasantly  
scented.

Active Ingredients	By Wt.
d-trans Allethrin (allyl homolog of Cinerin I) .....	.300Z
Related compounds .....	.023Z
*3-Phenoxybenzyl d-cis and trans **2,2-dimethyl- 3- (2-methylpropenyl) cyclopropanecarboxylate ...	.191Z
*Other Isomers .....	.009Z
***N-Octyl bicycloheptene dicarboximide .....	1.500Z
Petroleum Distillate .....	12.954Z

Inert Ingredients ..... 85.023Z

\*d- (cis, trans) phenothrin  
\*\*cis/trans isomer ratio  
max 25% (+ or -) cis  
min 75% or (+ or -) trans  
\*\*\*MGK 264, Insecticide Synergist

Keep out of reach of children

CAUTION

See back panel for additional precautionary statements

NET WT. 9 OZ.

**BEST AVAILABLE COPY**



For use in Rooms, Apartments, Homes, Attics, Basements, Campers, Boats, Garages, Pet Sleeping Areas, Household Storage Areas, Cabins

This easy to use exclusive water-based formula Does Not Contain Chlorinated Solvents. When used as directed it will not harm carpeting, drapes, upholstery fabrics, bedspreads, clothing, linens, furniture, walls, floor tiles, ceilings, shades or blinds.

Special Notes: Prior to use be sure to test spray on delicate or expensive fabrics by applying to inconspicuous area.

Animal Pests - Dogs, Cats: Fleas - Apply directly to animals along back, under forelegs and on other areas. Part hair to contact skin and insure good coverage. Hold nozzle about one foot away while spraying. Apply until hair is thoroughly moist. Do not directly spray eyes, ears or mouth of animal. To reduce reinfestation, thoroughly spray the animal's bedding and other resting areas. Treat these areas at the rate of two seconds per linear foot while spraying at a distance of 12 to 18 inches. Also spray entire inside surface of dog houses. Repeat as necessary. Note: This aerosol makes a slight hissing sound and causes a temporary cool sensation. Hold pet securely while applying. Nervous animals may become frightened the first time this product is used but soon become accustomed to the treatment.

To Spot Treat Flea Infestations: Remove and clean soiled pet bedding or destroy. Remove overcap (be sure not to discard) from Dual Flea Control. Shake well and while holding container in an inverted position spray pet quarters thoroughly. Spray baseboards, windows, door frames, cracks and crevices in walls and floors. To eliminate infestations, it is important to spray carpets and rugs where fleas tend to hide. This should be repeated as necessary.

PLEASE NOTE: This product is designed to spot treat flea infestations when held in an inverted position and used as described above. When can stops spraying from upside down position, turn can over to upright position and use as an automatic fogger.

For Dual Flea Control: Spot treat severe flea infestations, as directed above. Use as a total release fogger to penetrate and flush fleas from their hiding places. One Dual Flea Control unit will kill fleas and other related insects in an unobstructed area up to 3,000 cubic feet (a 20' x 15' room with a 10' ceiling). Use additional units for remote rooms or where free flow of mist is not assured. Do not remain in the area during treatment and ventilate thoroughly before re-entry.

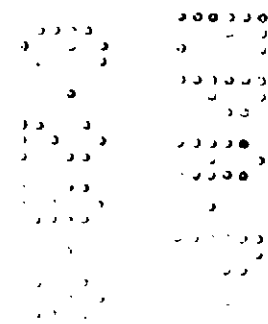
Cover exposed food, dishes and food handling equipment. Open cabinets and doors to area to be treated. Shut off fans and air conditioners. Remove overcap from Dual Flea Control and take sprayhead off of can exposing stem. Shake Can Well. Turn overcap upside down and place over spray button locking it down, making sure can is pointed away from face. Place can in center of room on stand or table that has been thoroughly covered with several layers of newspapers or protective padding. Leave area at once and keep building closed for four hours before airing out. Open all doors and allow to air for 30 minutes. Repeat in two weeks or when necessary.

This product is also effective on Flies, Mosquitoes, Black Carpet Beetles, Sawtoothed Grain Beetles, Rice Weevils, Small Flying Moths, Spiders, Centipedes, Ticks, Wasps and Pill Bugs, Crickets and Silverfish. Aids in control of Cockroaches.

Manufactured by: Chemsico, Inc.  
8494 Chapin Industrial Drive  
St. Louis, Mo 63114

EPA Reg No 9688-41

EPA Est No. 9688-MO-1



**BEST AVAILABLE COPY**