

APR 15 1991

APR 15 ..

Ms. Barbara E. Kairies  
CHEM-TOX, INCORPORATED  
481 Scotland Road  
McHenry, Ill 60050

Dear Ms. Kairies:

Subject: ALLETHRIN Registration Standard label revision  
CHEM-TOX GENERAL PURPOSE SPRAY  
EPA Registration Number 45385-6  
CHEM-TOX FOOD PLANT SPRAY W/D-TRANS ALLETHRIN  
EPA Registration Number 45385-9  
CENOL LIQUID PROFESSIONAL INSECT KILLER  
EPA Registration Number 45385-90  
CHEM-TOX ALLETHRIN FOGGING SPRAY  
EPA Registration Number 45385-3  
Submission dated April 4, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. For products 45385-9, 45385-3, and 45385-6, combine the "Related compounds" percentage with the total for inert ingredients. "Related compounds" should not be listed separately as an active ingredient.
2. For products 45385-3, 45385-6, and 45385-90, add the following statement to the "PHYSICAL AND CHEMICAL HAZARDS" section:

"Do not use this product in or on electrical equipment due to the possibility of shock hazard."
3. For product 45385-3, add the following statement to the Hazards to Humans and Domestic Animals paragraph:

"In food handling establishments, do not apply while food processing is underway."

- 4. For product 45385-3, note the correct spelling of "kill" under the directions for horse barns.
- 5. For product 45385-90, combine the "Other isomers" percentage in the ingredients statement with the total for inert ingredients. Do not list "Other Isomers" separately as an active ingredient.
- 6. For product 45385-90, check redundant wording in the "ENVIRONMENTAL HAZARDS" statement and correct the spelling of "food processing plants" on the front panel.

Sincerely,

*RFM*  
Richard F. Mountfort  
Product Manager 10  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

AVAIL...  
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# CHEM-TOX

## Allethrin Fogging Spray

FOR INSECT CONTROL IN FOOD PLANTS, RESTAURANTS, HOTELS, MOTELS, HOSPITALS, SCHOOLS, OFFICE BUILDINGS, WAREHOUSES, BOXCARS, SHIP'S HOLDS, BARN AND OUTDOORS FOR MOSQUITO CONTROL.

ACTIVE INGREDIENT:	
D-TRANS Allethrin .....	1.2%
Related Compounds: .....	0.14%
* Piperonyl Butoxide, Technical .....	5.0%
** INERT INGREDIENTS: .....	93.61%
TOTAL: .....	100.00%

\* equivalent to 4.0% (butylcarbityl)(6-propylpiperonyl)ether and to 1.0% related compounds  
\*\* < contains petroleum distillate 93.61%

EPA Reg. No. 45385-3

EPA Est. No. 45385-3

ACCEPTED  
WITH COMMENTS  
EPA Letter Dated  
APR 15 1991  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
45385-3

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed - Do not induce vomiting. Call a physician or Poison Control Center immediately. If inhaled - remove victim to fresh air. If on skin - remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists. Wash contaminated clothing separate from other laundry. If in eyes - Flush eyes with plenty of water. Get medical attention if irritation persists. NOTE TO PHYSICIAN: Contains Petroleum Distillate. Vomiting may cause aspiration pneumonia

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist, and provide adequate ventilation of area being treated. Contact with the eyes, skin or clothing should be avoided. Do not allow children or pets to contact treated surfaces until spray has dried. Remove food before treatment.

In home, food contact surfaces, dishes, and utensils must be washed with an effective cleaning compound followed by a potable water rinse after using this product.

In commercial food handling or storage facilities, food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after using this product; do not apply this product while food processing is underway

For household use: Remove pets and cover fish aquariums before treatment.

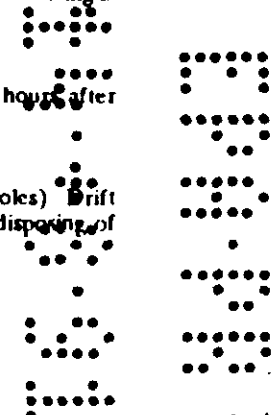
In hospitals, patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation

#### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes) Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label

#### PHYSICAL OR CHEMICAL HAZARDS

Do not pour, use, spill or store near heat or open flame



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### DIRECTION FOR USE

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

### STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Store in original container and place in a cool, dry, locked or secured storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

**CONTAINER DISPOSAL:** 1. HOUSEHOLD (ALL): Do not reuse empty container (bottle, can). Rinse thoroughly, securely wrap original container in several layers of newspaper and discard in trash. 2. METAL (non-aerosol): Triple rinse (or equivalent). Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. PLASTIC Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### TERMS OF SALE OR USE ON PURCHASE OF USE OF THIS PRODUCT:

**WARRANTY:** Manufacturer and seller warrants that this product, as of the time of sale conforms to the ingredient statement on the label, and is reasonably fit for purpose set forth in the Directions for Use. Except as so warranted the product is sold as is. Manufacturer makes no other warranty expressed or implied.

**EXCUSE FROM NON-CONTROLLABLE CONDITIONS:** Because of certain critical conditions created or incurred by buyer or user over which manufacturer has no control, buyer and user as a condition of purchase or use, assume responsibility for and release manufacturer from liability arising out of handling or use of the product attributable to such cause. No person is authorized to vary or waive any statement contained herein.

### APPLICATION:

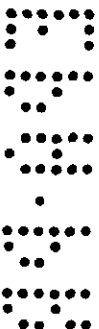
For rapid control of FLIES, FRUIT FLIES, GNATS, MOSQUITOES, SKIPPER FLIES, WASPS, HORNETS, ANGOUMOIS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS AND TOBACCO MOTHS: FOGGING APPLICATION: Close windows and doors and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. In official Meat and Poultry Establishments, 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 1000 cu ft of space. Direct the spray toward the ceiling and upper corners of the area and behind obstructions. Keep the area closed for at least 15 minutes. Repeat treatment as necessary. In other official Meat and Poultry Establishments a combination of spot surface and fogging is recommended.

**SURFACE SPRAYING:** To control ROACHES, ANTS, SILVERFISH, SPIDERS, CRICKETS, CLOVERMITES, CHEESE MITES, GRAY WEEVILS, CONFUSED FLOUR BEETLES, RUST RED FLOUR BEETLES, SAWTOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, MEAL WORMS, GRAIN MITES and CADELLES: Use a good sprayer adjusted to deliver a coarse, wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored food, around the base of machinery, behind shelves and drawers. Exposed food must be removed before treatment and the precautionary statements for food storage and handling areas must be followed. For SILVERFISH, spray bookcases. For ANTS, spray trails, nests and points of entry. If surface application only is to be used, spray floors, walls, and other surfaces at the rate of 1 gal. to 750 sq. ft. of surface.

To control CARPET BEETLES: Spray edges of carpeting and under carpeting, rugs and infested clothing and furniture. Make a localized application to floor and baseboards. Spray directly into cracks, closets, and infested areas of shelving. Repeat treatment as necessary. To control FLEAS and BROWN DOG TICKS: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended. DO NOT TREAT ANIMALS WITH THIS PRODUCT. Repeat treatment as needed. To control CLOTH MOTHS: Remove any infested articles, brush thoroughly and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus, and other storage containers directing the spray into cracks, joints, and crevices. After airing, infested articles may be treated lightly, keeping the spray nozzle at least three feet from the fabric to avoid staining. Store cloth in moth tight containers or repeat treatment monthly.

In HORSE BARNs and on HORSES: (If horses are not used for food). This insecticide may be applied as a fine mist to stable areas and over and around stalled horses for fast paralysis and kill of flies. Do not wet horse's skin or exceed two ounces per application.

**OUTDOOR ADULT MOSQUITO CONTROL:** Apply as a fine mist thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where mosquitoes may rest. Apply at a rate of 10 fl. oz per acre (1/4 oz per 1000 sq ft). When truck-mounted conventional misting equipment travelling at 5 m.p.h., calibrate the equipment to deliver 13.8 gal per hour or 1 pint 13 fl. oz. per minute to treat a 300 foot swath.



CHEM-TEC, INC.  
BARRINGTON, IL. 60010

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