

APR 15 1991

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)

REREGISTRATION - ALLETHRIN STEREOISOMERS

Date: 9-22-88
update: 4-4-91

FOR:

CHEM-TOX, INC. McHenry, IL 60050

(((FRONT PANEL))

Net Contents: QTS,
1 gal. 5 gal.
30 gal. 55 gal.

**CHEM-TOX
GENERAL PURPOSE SPRAY**

AN EFFECTIVE, FAST ACTING SYNERGIZED ALLETHRIN INSECTICIDE.
FOR USE IN DOMESTIC DWELLINGS, INSTITUTIONS, RESTAURANTS and FOOD PROCESSING PLANTS.

Kills on contact exposed or accessible stages of: ANTS, BEES, BOXELDER BUG, BROWN DOG
TICKS, CARPET BEETLES, BUG, CARPET BEETLES, CENTIPEDES, CLOTHES MOTHS, CLOVER
MITE, COCKROACHES, CRICKETS, DERMESTID BEETLES, EARWIGS, FLEAS, FLEAS, FLEAS, FLEAS,
MILLIPEDES, MOTH, SCORPIONS, SILVERFISH, SKIPPERS, SOUBUGS, SPIDERS, STORED PRODUCT
INSECTS, SPRINGTAILS, TICKS, WASPS

ACCEPTED
WITH COMMENTS
In EPA Labeling
APR 15 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
Registered under EPA Reg. No.
45385-6

ACTIVE INGREDIENTS:	
D-TRANS Allethrin	0.4%
Related Compounds	0.1%
*Piperonyl Butoxide, Technical	0.0%
**INERT INGREDIENTS:	99.22%

100.00%

*Equivalent to 0.4% (butylcarbityl)(6-propylpiperonyl)ether and
to 0.1% related compounds.

** contains Petroleum Distillate - 99.22%

KEEP OUT OF REACH OF CHILDREN (12 pt)
CAUTION (18 pt)

See side panel for Additional Precautionary Statements.

CHEM-TOX, INC.
McHenry, IL 60050

EPA Reg. No. 45385-6
EPA Est. No. 45385-IL-01

ORDER CODE: 0-303

NET:

4,6

CHEM-TOX GENERAL PURPOSE SPRAY

((SIDE PANEL))

PRECAUTIONARY STATEMENTS (12 pt)

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. Remove pets and cover fish aquariums before treatment.

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.

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 of the skin 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.

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.

PHYSICAL AND CHEMICAL HAZARDS

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

DIRECTION FOR USE

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

STORAGE & DISPOSAL (12 PT) 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:** Waste 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, jars). 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, reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. 3. Plastic Containers - Triple rinse

CHEM-TOX FOOD PLANT SPRAY W/ALLETHRIN

(((Side Panel)))

(or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allow 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 the purpose set forth in the Directions for Use. Except as so warranted the product is sold as is. Manufacturer makes no other warranty express or implied. EXCLUDE FROM NON-CONTROLLABLE CONDITIONS: Because of certain critical conditions created or incurred by buyer or user or 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 causes. No person is authorized to vary or waive any statement contained herein.

(((Back Panel)))

DIRECTIONS FOR USE con't.

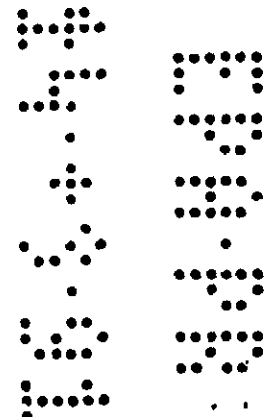
SPACE SPRAY: For rapid control of FLIES, FRUIT FLIES, MOSQUITOES, GNATS, SMALL FLYING MOTHS, SAND FLIES, WASPS and HORNETS: Close doors and windows and shut off ventilation systems. Apply using a good machine adjusted to deliver a fine mist. Direct spray toward the upper portion of the room to fill the entire area with mist, using 1 to 2 oz. per 1000 cubic feet of space. Vacate the treated area and ventilate before reoccupying. Keep the area closed for ten minutes after treating. Repeat application if reinfestation occurs.

SURFACE APPLICATION: To control COCKROACHES, SILVER FISH, CRICKETS, and SPIDERS: Apply as a coarse wetting spray directly into locations where these insects may hide, behind baseboards, moldings, cabinets, shelves, sinks, door and window frames, around plumbing, drains and in dark corners and into cracks and crevices, hitting insects with the spray whenever possible. Repeat treatment as necessary.

Against ANT infestations, treat shelves, cabinets and storage areas; spray ant runs, trails, baseboards, thresholds and other places of entry, and treat nests liberally. Repeat treatment as necessary.

In controlling FLEAS and BROWN DOG TICKS in houses, direct the application toward the lower wall portions, baseboards, rugs, carpets and floors of infested areas. Animals quarters, kennels and bedding should also be sprayed. DO NOT TREAT ANIMAL WITH THIS PRODUCT.

To control BEDBUGS, apply liberally to top ends, sides and bottom of mattresses, spraying thoroughly all tufts, seams and folds. Spray springs and frame, directing the liquid into all cracks and lock joints. Treat bedroom walls, baseboards, moldings, floors, closets, furniture and picture frames, with particular attention to protected hiding and breeding places.



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CHEM-TOX GENERAL PURPOSE SPRAY

(((BACK PANEL)))

For most effective control of CLOTH MOTHS and CARPET BEETLES, remove infested articles from storage, brush thoroughly and, if possible, air several hours in direct sunlight. Apply spray liberally in empty chests, closets, bureaus and storage sites, directing the liquid into cracks, joints and crevices. After airing, infested articles may be treated by holding the spray nozzle at least 3 feet away from the fabric and applying the liquid lightly to the seams to avoid the possibility of staining. Treat both sides of rugs, carpets and pads, and all exposed and accessible surfaces of overstuffed furniture. Do not overspray if products are made of rubber or are rubber coated, to prevent possible expansion or swelling. Repeat treatment monthly unless the articles are stored in moth-tight containers.

To control infestations of GRANARY WEEVILS, RICE WEEVILS, SAWTOOTHED GRAIN BEETLE, CONFUSED FLOUR BEETLES, RUSTY GRAIN BEETLES, RED FLOUR BEETLES, CADELLES, MEAL WORMS, GRAIN MITES, ANGOUMOIS GRAIN MOTH, INDIAN MEAL MOTH and MEDITERRANEAN FLOUR MOTHS in floor storage areas: If possible, clean out and destroy any infested food products; otherwise fumigation or other effective treatment should be made using an approved product intended for this purpose. Apply this spray thoroughly to all surfaces of shelves, cabinets, bins, pantries, and similar food storage areas with particular attention to cracks, crevices, niches and other hiding places. Exposed food must be removed before treatment and the precautionary statements for food storage areas must be followed.

FOGGING SPRAY: To kill accessible or exposed stages of insects named on this label (excepting clothes moths, bedbugs, and carpet beetles): Apply using conventional mechanical thermal or compressed air equipment. Fill the entire area with mist using 3 to 6 ounces per 1000 cubic feet of space. Repeat treatment as needed.