



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MAR 21 1991

Tammy Westerman
The State Chemical Manufacturing Co.
3100 Hamilton Avenue
Cleveland, Ohio 44114

Subject: Allethrin Registration Standard
State SOK
EPA Reg. No. 1685-102
Submission: August 5, 1988 + March 1, 1991

Dear Ms. Westerman:

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.

You must eliminate the following wording under Directions For Use/ Food Areas:

"Except in federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue."

There are no approved food uses for d-trans allethrin.

Sincerely,

Rfm
Richard F. Mountfort
Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (H7505C)



DRAFT LABEL

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
NOT INTENDED FOR HOUSEHOLD USE OR RESALE.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE EACH USE. Point valve away from face and press button. Hold can at least 3 feet from surfaces which may stain and 18 inches from plants.

FOR CONTROL OF PESTS INDOORS:

FLYING INSECTS: To kill houseflies, mosquitoes, gnats (midges), deer flies, stable flies, flying moths and fruit flies. Close all doors and windows. Point nozzle upward. Direct spray mist to all parts of the room especially window and other light sources which attract these insects. Fill the room with mist then leave the treated area. Keep the room closed for at least 1 hour. Ventilate the room before reoccupying.

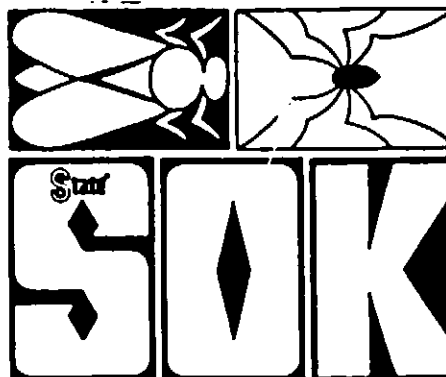
IN HOSPITALS: Remove patients prior to treatment. Ventilate rooms for two hours before returning patients.

FOOD AREAS: Do not apply as a space spray while food processing is underway. Except in federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Foods should be removed or covered before treatments. Thoroughly wash all food processing surfaces before reuse. In federally inspected meat and poultry plants, all surfaces in processing areas must be washed and rinsed in potable water after spraying. In other food processing plants, if washing of equipment, benches, shelving, etc., where exposed food will be handled, is impractical, do not allow food to come in contact with treated surfaces for at least 48 hours.

TO KILL WASPS, HORNETS, YELLOW JACKETS AND BEES: Application should be made in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

CRAWLING INSECTS: Ants, bedbugs, ticks, fleas, cockroaches, waterbugs, crickets, silverfish, earwigs, spiders, sowbugs, centipedes, millipedes and carpet beetles. Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, and storage areas. Spray directly on insects where possible.

TO KILL LICE AND TICKS ON DOGS, CATS AND PREMISES: Apply directly to animals along back, under tails, and on other areas except scrotum and anus. Part hair to contact skin and to insure coverage. Hold nozzle one foot away while spraying. Apply until hair is moist. Do not spray directly into eyes or mouth of animal. Repeat within 24 hours if first treatment is necessary. To reduce infestation, thoroughly spray animal's bedding and other nearby areas until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire surface of the dog houses. Hit as many insects directly as possible.



HORSE STABLES: STATE SOK SHOULD NOT BE USED IF HORSES WILL BE USED FOR FOOD

FOR CONTROL OF PESTS ON ORNAMENTAL PLANTS

For control of aphids, exposed thrips, whiteflies, leafhoppers, plant bugs, spittle bugs, two-spotted mites, red spider mites, cutworms and slugs on African violet, false aralia, begonia, christmas cactus, chrysanthemum, coleus, daisy, dracena, asparagus fern, luchsia, geranium, hibiscus, impatiens, ivy, jade, lilacs, marigold, nasturtium, pelumia, philodendron, rose, snapdragon, wax plants and zinnias. Also for control on white birch, cypress, dogwood, forsythia, hemlock, holly, locust, maple, mimosa, non-bearing citrus and cranberry, oak, palm, pine, rhododendron, and spruce.

Hold container 18 inches from infested plants. Spray in short bursts from 1 to 3 seconds or spray at the rate of 1 linear foot of growth per second. Direct spray to all sides covering foliage until slightly moist. Avoid heavy wetting. Spray several plants at once and in an area not likely to come in contact with pets, children or food. When leaves are dry return plant to original location.

USE WITH CAUTION ON: African violet, ash, azalee, Reiger begonia, camelia, cypress, plumosa fern, glorioxia, impatiens, juniper, jade and primrose. As with all plants listed, especially carnations, roses and chrysanthemums, there exists a wide variety of species and therefore a wide variety of susceptibility to injury. To determine possible phytotoxicity (harmful effects), spray a few plants as directed, wait 24 hours and check for possible injury.

STORAGE AND DISPOSAL

Store the product in a locked storage area out of the reach of children. Store at temperature below 120°F. Store away from heat, sparks, open flame and direct sunlight. Keep from freezing.

DISPOSAL: Do not reuse empty container. Wrap container and put in trash. Do not incinerate or puncture cans.



MULTI-PURPOSE INSECT KILLER

For control of pests indoors and in the outdoors

• FAST KNOCKDOWN

• PLEASANT

ACTIVE INGREDIENTS:

- * 1 Resmethrin (5-(phenylmethyl)-3-furyl methyl ether)
- 2, 2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane carboxylate
- d-trans Allethrin

INERT INGREDIENTS

- * cis/trans isomers ratio: max 30% (±) cis, and max 70% trans
- ‡ U.S. Patent Nos. 3,465,007 and 3,542,928
- Bioallethrin

SHAKE WELL BEFORE USING

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

KEEP OUT OF REACH OF CHILDREN

CAUTION:

Harmful if swallowed or absorbed through skin. Avoid breathing or spray mist. Avoid contact with skin and eyes.

Remove pets and birds, and cover fish aquarium before spraying.

ENVIRONMENTAL HAZARDS: This pesticide is highly toxic. Do not apply directly to water or wetlands (swamps, bogs, marshes, potholes). Drift from treated areas may be hazardous to other adjacent aquatic areas. Do not contaminate water when disposing of containers.

PHYSICAL OR CHEMICAL HAZARDS: Contents under pressure. Puncture or incense cans. Do not use near heat or open flame. Temperatures above 120°F may cause bursting.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact physician immediately.

IF INHALED: Remove person to fresh air. Consult physician.

IF IN EYES: Immediately flush eye with plenty of water for 15 minutes. Get medical attention if irritation persists.

IF ON SKIN: Flush area with plenty of water. Wash with soap. Get medical attention if irritation persists.

EPA REG. NO. 1685-102

EPA EST. NO.

NET CONTENTS: 16 1/2 oz. (468 grams)

Sold by:

The State CHEMICAL MANUFACTURING CO.
MAIN OFFICE AND PLANT CLEVELAND, OHIO
DISTRIBUTION OF CONTRACT SALES OFFICES

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