

JUL 10 1992

Ms. Barbara E. Kairies
481 Scotland Road
McHenry, IL 60050

Dear Ms. Kairies:

Subject: Amendments - Revise per Diazinon Registration Standard;
Change to homeowner-use product
Chem-Tox Roach & Ant Spray with Diazinon
EPA Reg. No. 45385-4
Your submission received June 5, 1990

The labeling referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable provided the following revisions are made prior to release for shipment under the amended labeling:

- 1) Identify the use site for this product with the following front panel statement: "For use in and around the home only".
- 2) The term INERT INGREDIENTS should be in the same alignment to the left margin as the term ACTIVE INGREDIENTS.
- 3) Current Agency policy is that homeowner use products should be packaged in ready to use containers, i.e. the homeowner is not required to pour ready to use products, or mix emulsifiable concentrates, into a separate unlabeled spray container. You indicated in our recent telephone conversation that the smaller sizes of this (now) homeowner use product are marketed as ready to use trigger spray bottles, but the one gallon size requires the homeowner to use a separately purchased sprayer (possibly a holdover from when this was a commercial/industrial use product). Now that this is to be a homeowner use product, the one gallon size should come with separately attachable spray trigger attachment so that the product can be used directly from the container as purchased. Un-labeled spray containers or reuse of trigger sprayers from unrelated (eg. spray cleaner) products poses an unnecessary risk to the occupants of the home, especially small children.

- 4) Since the label includes localized outdoor application on areas without desirable vegetation, the Environmental Hazards should be expanded to read as follows:

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Keep out of lakes streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by disposal.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming plants where they feed. Do not allow this pesticide to drift to blooming plants if bees are visiting the treatment area. Do not apply this product to, or allow it to drift to, food crops or any desirable vegetation at any time.

A stamped copy of the label is enclosed for your records. Please submit five copies of the revised amendabel prior to release for shipment under the amended label. Labeling released for shipment after the August 31, 1992 deadline imposed by the Diazinon Registration Standard should be the revised amended label.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide Rodenticide Branch
Registration Division (H7505C)

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 10 1992

CHEM-TOX ROACH & ANT SPRAY

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

45385-4

with DIAZINON

**Kills: Cockroaches, Waterbugs, Ants, Crickets, Brown Dog Ticks, Spiders, Silverfish, Fleas
(outdoors) Flies, Mosquitoes, Wasps, Carpet Beetles, Earwigs, Sowbugs, Flying Moths
and other insects as specified in label directions.**

ACTIVE INGREDIENTS:

Diazinon: O,O-Diethyl C-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate]	0.500%
Pyrethrins	0.052%
*Technical Piperonyl Butoxide	0.261%
+ INERT INGREDIENTS:	99.187%
TOTAL:	100.000%

+ contains 98.608% Petroleum Distillate

*equivalent to 0.209% [butylcarbityl][6-propylpiperonyl]ether and 0.052% other related
compounds.

KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional precautionary statement

EPA Reg. No. 45385-4

EPA Est. No. 45385-IL-01

Net Content: _____

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return unopened product container at once.

CONDITIONS OF SALE AND WARRANTY:

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Chem-Tox or the Seller. All such risks shall be assumed by the Buyer.

Chem-Tox warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Chem-Tox makes no other express or implied warranty of Fitness or merchantability or any other express or implied warranty. In no case shall Chem-Tox or the Seller be liable for Consequential, special, or indirect damages resulting from the use or handling of this product. Chem-Tox and the Seller offer this product, and the Buyer and user accept it, Subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Chem-Tox, Inc.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid inhalation and skin contact, wash thoroughly after handling and before eating or smoking. May cause contact sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Remove pets from pet area and cover fish bowls before spraying. Do not allow children in treated areas until surface have dried.

BEST AVAILABLE COPY

STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician immediately. **DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE.** Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

If inhaled: Remove victim to fresh air and apply artificial respiration if indicated.

If on skin - Wash promptly with soap and water. Rinse thoroughly.

If in eyes - Rinse eyes with plenty of water and call a physician immediately.

NOTE to PHYSICIAN: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product also contains aromatic petroleum derivative solvent which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish, birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water by use or disposal.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming plants where they feed. Do not allow this pesticide to drift to blooming crops or weeds if bees are visiting the treatment area. Do not apply this product to or allow it to drift to food crops or any desirable vegetation at any time.

PHYSICAL OR CHEMICAL HAZARDS

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

USE DIRECTIONS

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

General Information: Roach & Ant Spray with Diazinon is a petroleum based ready-to-use product. No mixing is required. Spray into cracks, crevices, and other surface areas as specified in label directions.

There is no need for further dilution. This product is intended for use inside the home foundation walls and around doors and windows for control of those pests specified on this label.

Indoor Use:

Controls: COCKROACHES (WATERBUGS), ANTS, SILVERFISH, CARPET BEETLES, SPIDERS, CRICKETS, BROWN DOG TICKS, FIREBRATS

Precautions: 1. Do not use this product indoors as an overall surface spray or as a space spray; take care not to introduce this product into the air during application. 2. Use only in well-ventilated areas. 3. Do not apply where children are likely to frequently contact treated surfaces. 4. Remove or cover fish bowls and remove pets before application. 5. Do not treat pets or plants with this product. 6. Do not allow children or pets in treated areas until spray has dried. 7. If clothing is sprayed during application, remove clothing immediately after spraying and launder before wearing again. 8. Do not apply directly to carpets or floor coverings and avoid excess wetting of asphalt tile, rubber, and plastic materials because damage may occur. 9. Care should be taken to avoid spotting of walls, wall coverings, and fabrics. 10. Do not apply directly to upholstery or furniture. 11. Do not apply to areas, surfaces, or utensils which contact food or feed. 12. Exposed food should be covered or removed during application. 13. All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use. 14. Do not use in edible products area of food processing plants, restaurants, or other areas where food or feed is commercially prepared or processed. 15. Do not use in serving areas while food is exposed. 16. Do not use this product in conduits, motor housings, or electrical switch boxes.

Application: Cockroaches (Waterbugs), Ants, Firebrats, Silverfish, Sowbugs (Pillbugs), Springtails, spiders, Crickets, Earwigs: As a supplement to good housekeeping, spray until wet, surfaces behind and beneath cabinets, refrigerators, sinks, stoves, as well as ant trails, and other localized areas where insects tend to hide. Discard infested food packages, but do not spray inside cabinets where food is stored. Spray window and door frames where ants enter. Treat difficult to service locations such as voids around water pipes and cracks and crevices along baseboards moldings. Repeat as necessary.

Carpet Beetles: Make localized applications to areas of the floor and baseboards. Spray directly into cracks and under non-rubber backed carpets where insects may be found. Treat crevices, cracks, and infested areas of shelving in closets. Repeat as necessary.

Brown Dog Ticks: Spray infested areas around baseboards, window and door frames, wall cracks, and sleeping quarters of pets. Repeat as necessary. Fresh bedding should be placed in animal quarters after treatment. Do not treat animals.

Spiders: Apply spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

BEST AVAILABLE COPY

OUTDOOR USE:**CONTROLS:** Flies. Mosquitoes. Wasps. Flying Moths. Chiggers. Ants. Brown Dog Ticks. Clover Mites

Precautions: 1. Spray with wind to your back. If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water, and launder clothing before wearing again. 2. Do not allow children or pets to contact treated areas until spray has dried. 3. Do not apply to lawns or other desirable plants.

Application:

Flies, Mosquitoes, Wasps, Flying Moths: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter.

Treat dark corners and localized resting areas, under eaves, on porches, around patios, and garages. Repeat as necessary. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate.

Chiggers, Ants, Brown Dog Ticks, Clover Mites: For treatment of localized infestations of insects in outdoor areas, spray infested areas. Do not spray lawns or other desirable plants. For ants, wet their hills and runways. Repeat as necessary.

Porches, Patios, Garages, and other areas around the house where insects hide and congregate: To help keep flies, mosquitoes, wasps, and flying moths from entering the house, treat outdoor areas where these insects congregate. This treatment can be an effective addition to total pest control.

STORAGE AND DISPOSAL

Storage: Keep away from fire, sparks, and heat. See "Physical or Chemical Hazards" for additional precautions. Store in original container in an area inaccessible to children and pets. Store in original container only.

DISPOSAL: Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

CHEM-TOX, INC.
21N 988 Pepper Rd.
BARRINGTON, IL. 60010
Tel (708)382-5555

ORDER CODE: O-200

