

BEST AVAILABLE COPY

Received 12/14/88 per PR Notice 88-6
NOT REVIEWED

CROSSFIRE-D™ TEDC

with CHLORPYRIFOS/ESBIOTHRIN® 25%+2.5%
TRANSPARENT EMULSION** DILUTABLE CONCENTRATE

432-6-6
12M12
1012

WITH FLUSHING ACTION
OFFERING RESIDUAL KILL OF COCKROACHES FOR UP TO 4 WEEKS
Contains 2.17 lbs/gal (250 g/L) of Chlorpyrifos and 0.217 lb/gal (25.0 g/L) of Ebsiothrin®

For Residual and Contact control of Cockroaches (Waterbugs), Crickets, Carpet Beetles, Silverfish (Firebrats), Clover Mites, Centipedes, Millipedes, Fleas, Earwigs, Sawflies (Pillbugs), Fire Ants, Brown Dog Ticks, Lone Star Ticks, Ants, Banded Bugs, Spiders, Scorpions, Spider Beetles, House Flies, Mosquitoes, Gnats, and Small Flying Moths.

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS OR OTHER TRAINED PERSONNEL RESPONSIBLE FOR PEST CONTROL PROGRAMS.

CONTAINS DURSBAN® INSECTICIDE

ACTIVE INGREDIENTS:

| | |
|--|----------|
| *Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate) | 25.0%w/w |
| **d/l-allethrinene d-trans chrysanthemate | 2.5% |
| INERT INGREDIENTS: | 72.5% |

100.0%w/w

*Contains Methanol and Aromatic Petroleum Solvents.
*Trademark of the Dow Chemical Co., U.S. Patent No. 2,944,884.
**ESBIOTHRIN®-Registered trademark of Roussel-UCLAF, Paris, France.
Min. 72% d-trans-Chrysanthemum monocarboxylic ester of d-2-ethyl-4-hydroxy-3-methyl-2-cyclopentan-1-one.
Max 28% Other Isomers.
**U.S. Patent No. 3,804,879
TM Parke-Davis Corporation Trademark.

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que lo estiquete le haya sido explicada completamente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN
DANGER
POISON**



DANGER: Methanol may cause blindness. Harmful or fatal if swallowed. Vapor harmful. Avoid breathing mist or vapors. Avoid contact with skin. In case of eye contact: Flush with plenty of water and get medical attention. See side panel for additional precautionary statements.

In food handling establishments, can be used in non-food areas as a contact or residual spray. In food areas, application is limited to spot and/or crack and crevice treatment.

EPA Est.: See Lot No. For Correlation
EPA Reg. No. 432-649 G 43646-MO-1 P-16/7/88
H 5066-AR-1 P 666-GA-1

NET CONTENTS:
Gallons (Liters)
LOT NO.

ROUSSEL BIO
CORPORATION
PO Box 1077, 400 Sylvan Avenue
Englewood Cliffs, New Jersey 07632

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER**

Causes irreversible eye damage. Harmful or fatal if swallowed. Avoid breathing vapors. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

In food handling areas, application is limited to crack and crevice and/or spot treatment. Do not apply directly to food or feedstuffs. In commercial food handling facilities, cover or remove any food or food processing equipment during application. Do not apply while food processing is underway. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If in eyes or on skin: Immediately flush with plenty of water. For eyes, get medical attention.

NOTE TO PHYSICIANS: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote. Aspiration hazard may exist with this product.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

FLAMMABLE. Do not use or store near heat or open flame. Do not use in the vicinity of pilot lights. Flashpoint minimum 69°F (16.6°C). Do not apply this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazards. Do not use on surfaces that can be harmed or stained by water.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: This material may stratify upon standing, even at room temperature. Thoroughly mix before each use. Do not expose to temperatures below 40°F (4.5°C). If exposed to temperatures below 40°F (4.5°C), allow to stand until product reaches room temperature and thoroughly mix before using. **DO NOT USE OPEN FLAME.**

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixtures, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Containers One Gallon and Under: Do not reuse empty container. Wrap container and put in trash.

For Containers Over One Gallon: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

DIRECTIONS FOR USE continued on reverse side.

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DIRECTIONS FOR USE (Continued)

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EPA Reg. No. 432-688

INSTRUCTIONS FOR CONTACT AND RESIDUAL SPRAYS: FOR USE IN NON-FOOD AREAS INDOORS AND OUTSIDE OF PREMISES OF HOTELS, MOTELS, HOMES, PRESCHOOLS, APARTMENT BUILDINGS, COMMERCIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, RECREATIONAL BUILDINGS, BOATS, SHIP CABINS AND HOSPITALS. IN HOSPITALS, REMOVE PATIENTS PRIOR TO TREATMENT. VENTILATE ROOMS FOR TWO HOURS BEFORE RETURNING PATIENTS.

THIS PRODUCT CAN BE USED IN NON-FOOD AREAS SUCH AS CORRIDORS, OFFICES, FOYERS, LAVATORIES, GARAGES, UTILITY ROOMS, STORAGE ROOMS AND BASEMENTS, OF PACKAGING AND PROCESSING PLANTS, MILK HANDLING AREAS OF MILK PLANTS, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, AND BAKERIES.

In food areas of food handling establishments, application is limited to spot and/or crack and crevice treatment.

ALSO, FOR USE IN AND AROUND CAMPERS, MOBILE HOMES, BUSES AND AUTOMOBILES. THIS PRODUCT CAN BE USED IN CARGO PLANES, TRUCKS, BOXCARS AND SHIP CARGO HOLDS ONLY IF THE VEHICLES ARE NOT USED FOR TRANSPORT OF FOOD OR FOOD PRODUCTS AT ANY TIME.

ALSO, FOR USE IN DOG KENNELS AND HORSE STABLES. DO NOT SPRAY ON HORSES AND DOGS. DO NOT SPRAY DOG AND HORSE FOOD OR FEED ITEMS.

NOTE TO PEST CONTROL OPERATORS: One gallon (3.79 L) of spray is sufficient to treat 1500 linear feet (457 meters) with a 6 inch (15.2 cm) spray band.

GENERAL INFORMATION: Use this product to control the pests indicated in the areas listed below by application as a 0.25% + 0.025% or 0.50% + 0.05% spray. Use the 0.25% + 0.025% spray to control light infestations and the 0.50% + 0.05% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute with water as shown in the following **SPRAY DILUTION CHART**. Repeat the treatment as needed.

SPRAY DILUTION CHART

| AMOUNT OF SPRAY | | AMOUNT OF CONCENTRATE FOR 25% + 0.25% | | | |
|-----------------|--------|---------------------------------------|-----|---------------|-----|
| MISTURE GALLONS | | 0.25% + 0.025% | | 0.50% + 0.05% | |
| Gallons | Liters | Fl. Oz. | ml | Fl. Oz. | ml |
| 1 | 3.79 | 1.25 | 37 | 2.50 | 74 |
| 3 | 11.37 | 3.75 | 111 | 7.50 | 222 |
| 5 | 18.95 | 6.25 | 188 | 12.50 | 370 |
| 10 | 37.90 | 12.50 | 370 | 25.00 | 740 |

****NOTE:** Do not store the concentrate at temperatures below 40°F (4.5°C). If the concentrate is exposed to temperatures below 40°F (4.5°C), allow to stand until product reaches room temperature and thoroughly mix before diluting with water. Do not expose the spray mixture to temperatures below 32°F (0°C).

****NOTE:** 1 fluid ounce = 2 tablespoons = 6 teaspoons = 29.574 mL.

CONTACT SPRAY: KILLS AND REDUCES INFESTATIONS: Cockroaches (Waterbugs), Crickets, Boxelder Bugs, Sowbugs, (Pillbugs), Scorpions, Spider Beetles, Silverfish (Firebrats), Carpet Beetles, Clover Mites, Centipedes, Millipedes, Earwigs, Ants, Spiders, Fleas: Use as a spot treatment. When possible, spray directly on pests to reduce infestations. Apply as a coarse spray or with a paint brush into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators and other appliances, baseboards and storage areas. Apply spray until area is wet, but not to the point of run-off. Repeat as necessary.

ANTS: To kill ants within buildings and homes, spray trails, nests and points of entry. Spray directly on ants where possible. Repeat as necessary.

FLEAS, BROWN DOG AND LONE STAR TICKS: Thoroughly apply as a spot treatment to infested areas such as pets' beds and resting quarters; nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. **DO NOT TREAT PETS WITH THIS PRODUCT.** Treat pets with a product registered for animal application such as SPP-13620/Bioallethrin Aqueous Pressurized Spray, EPA Reg. No. 432-462, to control the source of flea and tick infestation.

CARPET BEETLES AND CLOTHES MOTHS: Do not apply directly to clothing. Do not spray areas that will come into contact with clothing. Spray edges of carpeting and under carpeting, rugs, and closets. Make localized application to the floor and baseboards. Spray directly into cracks, crevices, closets, and infested areas of shelving and/or wherever these insects are seen or suspected. Repeat as necessary.

RESIDUAL SPRAY: AIDS IN THE CONTROL OF COCKROACHES, CRICKETS, BOXELDER BUGS, SOWBUGS (PILLBUGS), SCORPIONS, SPIDER BEETLES, SILVERFISH, CENTIPEDES, MILLIPEDES, EARWIGS. Kills up to 4 weeks. Apply on baseboards, cracks and crevices, around door and window frames, and other hiding places such as closets, in back of and under appliances, sinks and cupboards in kitchens and bathrooms. In basements, apply in hiding places, in cracks and crevices, lower walls and dark places. Spray surfaces until wet, but not to the point of run-off.

PESTS OUT-OF-DOOR: DO NOT TREAT OR ALLOW THE SPRAY TO CONTACT PLANTS (LAWNS, FLOWERING PLANTS, SHRUBS, TREES, EVERGREENS, ETC.) BECAUSE OF POSSIBLE INJURY.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use this product to control ants, clover mites, crickets, earwigs, millipedes, sowbugs (pillbugs) on the outside surfaces of buildings. To help prevent infestation of buildings treat the building foundation to height of 2 to 3 feet (0.6 to 1 meter), where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

HOUSEFLIES, MOSQUITOES, GNATS, FLYING MOTHS OUTDOORS: 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 the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANTS, LONE STAR TICKS, CRICKETS, FLEAS, AND EARWIGS: OUTDOORS: For treatment of localized infestations of these insects in outdoor areas where there are woods or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as reinfestation occurs.

TO CONTROL FIRE ANTS: Dilute 3 teaspoons (14 ml) of this product in 1 gallon (3.79 L) of water. Apply 1 gallon (3.79 L) of solution as a gentle rain to each fire ant mound using a spritzing can. Thoroughly wet the mound and surrounding area to a 4 foot diameter (1.22 m). For best results, apply in cool weather, 65-80°F (18.5-27°C), or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon (3.79 L) per mound is still required.

WARRANTY STATEMENT

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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