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ACCEPTED

DEC 10 1985

U.S. Environmental Protection Agency
 Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Department of Agriculture
 EPA Reg. No. 1769-281

LEFT PANEL

NATIONAL CHEMSEARCH

TRAIL-BLAZER

Insecticide

ACTIVE INGREDIENTS

*Chlorpyrifos 10,0-diethyl 0-(3,5,6-trichloro
2-pyridyl)phosphorothioate 1%.....41.3%

**INERT INGREDIENTS.....58.7%

TOTAL.....100.0%

Contains 0.33 pound of chlorpyrifos per gallon.

* U.S. Patent No. 3,244,586

** This product contains appreciable amounts of Aromatic
Petroleum Distillate. See Precautionary Statements.

Controls pests of houseflies, turf and ornamental plants. Also
Recommended for Mosquito Control, Houseflies, and Area Control of
Ticks and Chiggers.

**NOT FOR RESALE OR RESIDENTIAL USE AND STORAGE, UNLESS APPLIED AND
STORED BY SERVICE PERSONS.**

KEEP OUT OF REACH OF CHILDREN

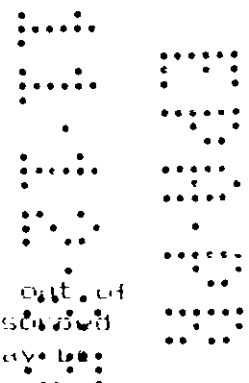
WARNING

(See right panel for warnings)

EPA REG. NO. 1769-281

NET CONTENTS

National Chemsearch
Div. of NCH Corporation
2727 Chemsearch Blvd.
Irving, Texas 75062



CENTER PANEL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: WARNING: Keep out of
reach of children. Harmful if swallowed, inhaled or absorbed
through skin. Do not breathe vapors and spray mist. May be
irritous to eyes and skin. Combustible.

Do not take internally. Do not get in eyes or on skin. Wash
thoroughly after handling. Wash contaminated clothing before
reuse. Flush contaminated eyes with plenty of water and get
prompt medical attention. Avoid breathing vapors and spray mist.
Avoid spraying food crops.

WARNING: Keep out of the reach of children. May be fatal if swallowed, inhaled or absorbed through the skin. Do not breathe vapors or spray mist. Handle concentrate in a well-ventilated area. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Wash contaminated clothing. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. 2-PAM is also antidotal and may be administered in conjunction with atropine. This product contains large amounts of aromatic Petroleum Distillate. DO NOT induce vomiting.

ENVIRONMENTAL HAZARDS: This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame. Handle concentrate in a ventilated area.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture or residue that cannot be used or chemically processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Triple rinse and offer for recycling, reconditioning or disposal in approved landfill or bury in a safe place.

GENERAL: Consult Federal, State or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE:

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

INDOOR PESTS: NONFOOD AREAS: Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

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INDOOR PESTS: NONFOOD AREAS: Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

To control cockroaches (including strains resistant to certain other insecticides), ants, clovermites, crickets, firebrats, silverfish, spiders: Use 1 part IRAL-BLAZEK with 15 parts of water to control light infestations and 1 part IRAL-BLAZEK to 7 parts of water to reduce heavy infestations. Apply as a coarse spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants, apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For cockroaches use the 1 to 7 dilution only.

NOTE: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

For the control of carpet beetles, thoroughly apply a 1 part IRAL-BLAZEK to 7 parts water dilution as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving.

FOOD HANDLING ESTABLISHMENTS - Places other than private residences in which exposed food is held, processed, prepared or served.

FOOD AREAS - APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY

Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, canble ends, syrups). Serving areas when food is exposed and readily in operation also are considered food areas. Prepare the spray as recommended under nonfood areas and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floor openings leading to voids and hollow spaces in walls, equipment legs and bases, where cockroaches, crickets, firebrats, silverfish, and spiders hide. Do not apply this product to conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

NOT INTENDED FOR HOUSEHOLD USE OR RESALE

RIGHT PANEL

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

SERVING AREAS Facilities where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Prepare the spray as recommended under HOUSEHOLD AREAS and apply as a spot treatment to selective surfaces such as baseboards, under elements of construction and into cracks and crevices. Avoid treating surfaces likely to be contacted by food. Do not apply when facility is in operation or foods are exposed.

WARNING: (PESTS INDOORS): Do not use in poultry houses, other animal buildings housing meat or dairy animals. Do not allow spray to contact food, feedstuffs and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover the fish bowls and/or before spraying.

OUTDOOR PESTS: LAWN PESTS: To control ants, cutworms, beetles, grasshoppers and sod webworms (lawn moths), dilute 1 gallon of BRILL-BLAZE with sufficient water to cover 10,000 sq. ft. (1/2 pint per 1,000 sq. ft.). To control armyworms, brown dog ticks, chiggers, fleas, crickets and clover mites, dilute 1 gallon of BRILL-BLAZE with sufficient water to cover 10,000 sq. ft. (1 pint per 1,000 sq. ft.). For control of chinch bugs, dilute 1/2 1 gallon of BRILL-BLAZE per 7,000 sq. ft. (1/2 pint-1 pint per 870 sq. ft.). Apply as a coarse, low pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except for sod webworms. For sod webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. For best results, the lawn should be moist at the time of treatment and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear to treat when attacked.

To control cutworms (hyperbaena weevils): Dilute 1 gallon of BRILL-BLAZE with sufficient water per 10,000 sq. ft. (1/2 pint per 1,000 sq. ft.). Spray if observed problem areas immediately after mowing.

To control white grubs (European choker and Japanese beetle larvae) apply 1/2 to 1 gallon of BRILL-BLAZE in sufficient water per 10,000 sq. ft. (1/2 pint to 1 pint per 870 sq. ft.) when grubs are young and actively feeding near surface, usually in late July and August. Immediately after spraying for grubs, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide into the underlying soil.

IMPORTED FIRE ANT: Treatment of fire ant mounds. Apply TRAIL-BLAZER as a drench diluted at a rate of 1 gallon of TRAIL-BLAZER to 11 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results, apply in cool weather, 65-80 F., or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

ORNAMENTAL PLANTS: To control aphids, bagworms, eastern tent caterpillars, fall webworm, grasshoppers, moths, spittlebugs, whiteflies, and yellow-necked caterpillars on flowers, shrubs, vines, shade and flowering trees and evergreens use TRAIL-BLAZER at the rate of 1 gallon in 150 gallons of water (equivalent to 8.5 oz. per 10 gallons). To control cutworms, mealybugs, leafhoppers, armosa webworm, and exposed thrips, use TRAIL-BLAZER at the rate of 1 gallon of 75 gallons of water (17 oz. per 10 gallons). Apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage of infested plants. Avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10-day intervals, if needed.

NOTE: Do not use on azaleas, camellias, pansettias, rose bushes, or variegated ivy because of possible injury to these plants.

NOTE: Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time and treatment, depending on exposure of treated areas to weathering conditions.

AREA CONTROL OF TICKS AND CHIGGERS: use TRAIL-BLAZER to control ticks and chiggers infesting noncropland areas such as roadsides, footpaths and trails, picnic and camping sites, park and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply TRAIL-BLAZER in water at a rate of 1 gallon per 1 1/2 acre (equivalent to 11.5 oz. per 1,000 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 60 to 150 gallons per 1 1/2 acres.

ATTENTION: After control of ticks and chiggers: Do not allow public use of treated areas during application or until spray has dried.

MOSQUITOES: To control mosquito larvae use 17 oz. per acre of TRAIL-BLAZER in sufficient water or oil, such as kerosene, to keep them in suspension. Use the lesser amounts for none to medium vegetation, and the greater amount for areas of medium to heavy vegetation. Apply the spray to provide complete and uniform coverage of infested plants. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators, and aerial spray equipment. Do not use in any type of heat-generated fogger or sprayer.

To control adult mosquitoes, use 10-20 ounces/acre of TRAIL-BLAZER in sufficient water or oil, such as kerosene or No. 2 fuel oil. Use the lesser amounts for none to medium vegetation and the greater amount for areas of medium to heavy vegetation.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller; and buyer assumes the risk of any such use.

TO REORDER

In Texas, call 1-800-462-7750

Outside Texas, call 1-800-527-9919

EPA Est. No. 9149
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