

16-146 PM12 1067

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 16-146	DATE OF ISSUANCE September 25, 1987
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Dragon Terra & Soil Insect Killer	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Dragon Chemical Corporation  
 P.O. Box 7311  
 Roanoke, VA 24019

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for reregistration/re-registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 16-146" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Later to the extent necessary for a printed description of final printed labeling.
4. A 1-year storage stability study must be submitted within 15 months from the date of this Registration Notice.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 3(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

**BEST AVAILABLE COPY**

Dennis H. Edwards, Jr.  
 Product Manager (12)  
 Insecticide - Fungicide Branch  
 Registration Division (TS-767)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL Dennis H. Edwards, Jr.	DATE 9/25/87
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ACCEPTED  
with COMMENTS  
BPA Letter Dated:

FRONT PANEL

SEP 25 1967

DRAGON

TERMITE & SOIL INSECT-KILLER

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

Effective chlordane replacement

16-146

kills

Termites, Wood Borers, Ants, Chinch Bugs, Chiggers, Fire Ants,  
Fleas, Ticks, Sod Webworms, and other listed insects  
(The above insects will be illustrated on final labeling.)

Contains DURSBAN<sup>®</sup> insecticide

For Termites: 1/2 gallon makes 12 gallons of diluted solution  
and treats 30 linear feet of trench.

ACTIVE INGREDIENT :

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2 pyridyl)  
phosphorothioate) . . . . . 12.6%

INERT INGREDIENTS . . . . . 87.4%

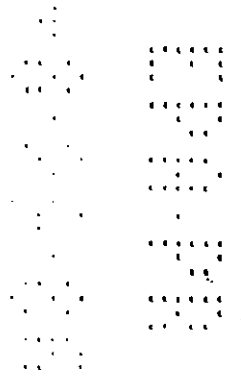
Contains 1 lb. of chlorpyrifos per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements.

NET CONTENTS 1/2 GALLON (64 FL oz.)



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( BACK PANEL (

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS & DOMESTIC ANIMALS  
WARNING; Causes eye irritation. Harmful if swallowed. Do not take internally. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid breathing vapors and spray mist. Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed. Handle concentrate in a ventilated area.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately or poison control center. If On Skin: In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water. If In Eyes: Flush eyes with plenty of water. Call a physician.

Note to Physicians: This product contains an aromatic petroleum solvent and may present an aspiration problem. Chlorpyrifos is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine by injection is antidotal; 2-PAM may also be given in conjunction with atropine, but should never be used alone.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to lakes, streams or ponds. 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 drifts from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this products only as specified on this label.

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.

PHYSICAL OR CHEMICAL HAZARDS: COMBUSTIBLE Do not use or store near heat or open flame.

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**STORAGE:** Store in original container in a cool, dry storage area, preferably locked, away from feed, foodstuffs, and domestic water supplies. Do not put concentrate or diluted spray into food or drink containers. Do not store diluted spray. Store above freezing. Handle concentrate with care and store in a ventilated area. Keep container closed.

**PESTICIDE DISPOSAL:** Partially filled bottle may be disposed of by securely wrapping original containers in several layers of newspaper and discarding in trash.

**CONTAINER DISPOSAL:** Do not reuse empty container. Rinse thoroughly before discarding in trash.

**SHAKE WELL BEFORE USING**

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL, INCLUDING ATTACHMENT (EPA-if necessary). USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

Do not use on vegetables or food crops.  
**FOR TERMITES (Outdoors):** Remove all wood debris and wood forms. Determine the extent of termite infestation. For prevention and light infestation, treat soil adjacent to both sides of infested foundations of poured concrete, pipes, or piers by digging a trench 6 inches wide and 4 inches deep or down to the top of the footing (whichever is less). For brick and block foundations dig the trench about 12 inches deep. If footing is more than 12 inches deep, make holes with a crowbar, pipe or a rod about one foot apart that extend from the trench bottom to the top of the footing. Make holes closer in hard-packed clay soils. **NEVER DIG BELOW THE TOP OF THE FOOTING.** Avoid contamination of public and private water supplies by following these precautions. Do not allow a hose or any type of faucet extension to reach into the termite chemical solution while filling or mixing this material with water. Use antibackflow or anti-siphonage equipment on all filling equipment. These devices can be purchased at hardware or plumbing supply stores. Use of antibackflow equipment will help insure that the user of this toxic chemical will not contaminate domestic water supplies. Refer to FHA (Federal Housing Administration), state, and local specifications for safe distances of treatment areas from wells. Soil in the vicinity of wells, cisterns or ponds should not be treated. Do not treat structures that contain cisterns or wells. **NOTE:** When conditions will not permit trenching, surface application adjacent to interior foundation walls may be made but the treated strip should not exceed 18" in width. Apply solution with a sprinkling can. Mix 5-1/3 fl. oz. per gallon of water and treat 2-1/2 linear feet of trench or foundation (one half gallon of DRAGON TERMITE & SOIL INSECT KILLER will make 12 gallons of diluted solution and treat 30 linear feet). Mix solution into soil as it is replaced in the trench. Cover treated soil with a layer of untreated soil. Be sure to treat the interiors of accessible hollow block foundations at same rate as above. Be careful to have adequate ventilation when treating areas under structure. For severe infestations or treatment under slabs, in basements and buildings with insufficient crawl space, etc., contact a licensed pest control operator

or termite control service.

Retreatment for subterranean termites should only be made when there is evidence of reinfestation subsequent to the initial treatment, or there has been a disruption of the chemical barrier in the soil due to construction, excavation, landscaping, etc. Reapplication should be made as a spot treatment to those areas.

Annual retreatment of the entire premises must be avoided.

FENCE POSTS-TERMITE PREVENTION: Apply one gallon of diluted DRAGON TERMITE & SOIL INSECT KILLER per post hole. Pour one half of solution into hole and add the remaining 1/2 gallon diluted solution to the soil when filling the hole so that all the fill soil is treated to form a protective barrier.

NOTE: Do not treat structures that contain cisterns or wells. Do not treat soil that is water saturated or frozen. Consult state and local specifications for recommended distances of treatment from well.

TREATMENT FOR WOOD DESTROYING PESTS (Outdoors): (Powder Post Beetles, Deathwatch Beetles, Round-headed House Borers, Carpenter Ants, Carpenter Bees). Treat localized areas of infested wood. With a paint brush, use 2-1/2 TBS. (Tablespoonfuls) per quart of water. Apply emulsion evenly on wood surfaces. Allow to dry and repeat treatment to ensure penetration.

For wood piles and stored lumber apply 5-1/3 fl. oz. per gallon of water. Use a sprinkling can or hose-end sprayer and deliver a coarse drenching spray. Do not use in structures occupied by animals, to be used for food purposes or which produce products for human consumption. DO NOT TREAT WOOD WHICH WILL BE USED FOR FIRE PLACES OR INDOOR HEATING OR WHICH WILL BE USED FOR HEATING IN FOOD PREPARATION.

HOME INVADING PESTS (Use outdoors only): To prevent infestation of Ants, Crickets, Spiders, Fleas, Ticks, Earwigs, Sowbugs (Pillbugs), Millipedes, Chiggers, Roaches and other crawling insects. Treat a band of soil 6-10 ft. wide around and adjacent to the buildings, also the building's foundation to a height of 2 to 3 feet. When pests are active and may find entrance to your home or building. Use a hose-end (follow backflow precaution under TERMITES) or pressure type sprayer. Use one half tablespoonful in 2 gallons water to cover 66 sq. ft. Do not treat pets with this product. Do not use inside dwellings. Do not spray vinyl siding or other plastic or rubber materials.

LAWN PESTS: To control Ants, Armyworms, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod Webworms, Ticks, apply with a hose-end sprayer (take backflow precautions) mixing 1 1/2 fl. oz. in 15 gallons of water to treat 500 sq. ft. of lawn. Spray when pests first appear; retreat when needed. Spray entire lawn; do not spot spray. Sprays are most effective when applied 2 hours prior to dark when insects are most active. For Sod Webworms delay watering or mowing treated areas for 12-24 hours following treatment. Retreat as necessary at 4-6 week intervals.

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WHITE GRUBS IN LAWNS (European chafer and Japanese Beetle; larvae only): Mix 6½ fl. oz. with 15 gallons water to treat 500 sq. ft. and apply with a hose-end sprayer (take backflow precautions). Spray entire lawn area; do not spot spray. For white grubs, spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service. Water lawn thoroughly following application to wash insecticide into the underlying soil. For Bluegrass billbug mix 6½ fl. oz. with 15 gallons water to treat 500 sq. ft. and apply with hose-end sprayer. Spray in the season when adults first appear. Retreat as needed.

IMPORTED FIRE ANT MOUNDS: Mix 1 fl. oz. (2 tablespoons) per gallon of water. Using a sprinkling can, gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound. 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.

NOTICE: Mosquitoes coming to rest on areas treated for control of turf and ornamental plants will be killed for varying periods of time after treatment depending on exposure of treated to weather conditions.

ORNAMENTAL PLANTS: To control Aphids, Bagworms, Eastern tent caterpillars, Fall Webworms, Grasshoppers, Mites, Orangetriped Oakworms, Spittlebugs, Whiteflies, Yellownecked caterpillars apply at the rate of 4 ¾ fl. oz. (9½ tablespoons) of DRAGON TERMITE & SOIL INSECT KILLER in 15 gallons water.

To control Cutworms, Leafhoppers, Mealybugs, Mimosa Webworm, Redhumped caterpillar, exposed Thrips apply at the rate of 9½ fl. oz. (19 tablespoons) of DRAGON TERMITE & SOIL INSECT KILLER in 15 gallons water.

For insects listed above apply with hose-end or pump type sprayer in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage, but 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, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

To control Ash borer, Lilac Borer, Dogwood borer; Scale Crawlers: Oak lecanium, pine needle, tea, white peach apply at the rate of 19 fl. oz. of DRAGON TERMITE & SOIL INSECT KILLER in 15 gallons water. Apply solution to the trunks and lower limbs of Dogwood trees when the adults begin to emerge. Consult your State Extension Service for the proper time to treat in your area.

To control Peach tree borer apply at rate of 57½ fl oz. in 15 gallons of water. Apply solution to flowering trees and shrubs of the Genus Prunus as a trunk spray before newly hatched larvae enter the trees. Apply as a coarse, low-pressure spray. Thoroughly wet all bark areas from ground level to scaffold limbs. Consult your Extension Service for the proper time to treat in your area.

NOTICE: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions and caution stated on this label.

EPA Reg. No. xxx EPA Est. 16-VA-1

DURSBAN® is a registered trademark of the Dow Chemical Company for chlorpyrifos insecticide.

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