



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 M St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

42519-23

Date of

08/28/00

## NOTICE OF PESTICIDE:

Registration,  Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

DORSAN TECH

Name and Address of Registrant (include ZIP Code):

Luxemburg-Palmol, Inc.  
5100 Poplar Avenue, Suite 2700  
Memphis, TN 38137

Mr. Michael Kellogg  
Agent for  
Luxemburg-Palmol, Inc.  
11324 17<sup>th</sup> Ave. Ct. NW  
Gig Harbor, WA 98332

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

A. Revise the EPA Registration Number to read, "EPA Reg. No. 42515-23".  
(Optional changes on the following page).

3. Submit five copies of the final printed label for our records before you release the product for shipment.

(Signature of Approving Official):

Akiva Abramovitch, Ph.D. *Akiva Abramovitch*  
Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Date: August 28, 2000

As requested in your letter of July 5, 2000, the conditions of paragraph 10 of the June 2000 Memorandum of Agreement between the Environmental Protection Agency and the signatory registrants regarding the registration of the pesticide products containing Chlorpyrifos are accepted by the Agency as conditions of the subject registration.

Failure to comply with any of the conditions of registration set forth in Paragraph 10 the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e).

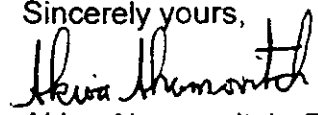
If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

You may also include the following uses under **Pest Control Outdoors [Terrestrial Non-Food]:**

- > \* Localized exterior surface treatment of warehouses, railroad boxcars, industrial plants, manufacturing plants, food processing plants only.
- > \* Soil applied perimeter treatment of warehouses, industrial plants, manufacturing plants, food processing plants only.

A copy of the label stamped "accepted with comments" is enclosed for your records. If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.  
Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

3 4 9

(logo) Luxembourg-Pamol, Inc.

# DORSAN TECH

## Insecticidal Chemical

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
AUG 28 2000**

### **Insecticide-For Manufacturing Use Only**

**Active Ingredient:**

chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate.....	97.0%
Inert Ingredients.....	3.0%
Total Ingredients.....	100.0%

**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 42519-23**

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### **Precautionary Statements**

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#### **Hazards to Humans and Domestic Animals**

**Keep Out of Reach of Children**

## **WARNING**

**May Be Fatal If Swallowed, Inhaled Or Absorbed Through Skin • Causes Eye Irritation • May Cause Skin Irritation**

**Do not get in eyes, on skin or clothing. Avoid breathing dust. Handle chemical in a ventilated area. Wear protective clothing and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Keep away from food, feedstuffs and water supplies.**

#### **First Aid**

**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 give anything by mouth to an unconscious person.

**If on skin:** Immediately wash with plenty of soap and water. Get medical attention.

**If in eyes:** Flush with plenty of water for 5 minutes. Get medical attention if irritation persists.

**If inhaled:** Remove to fresh air if symptoms of cholinesterase inhibition appear and get medical attention immediately.

**Note to physician:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

#### **Environmental Hazards**

This pesticide is extremely toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For further guidance, contact your state water board or regional office of the EPA.

## Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The June 7, 2000 memorandum of agreement between EPA and registrants of pesticide products containing chlorpyrifos only applies to registered uses of chlorpyrifos in the U.S.

### For Manufacturing Use Only

#### Manufacturing-Use Product Labeling Requirements

After October 1, 2000, any manufacturing-use product formulated from this product must bear EPA-approved labeling that is consistent with the terms of the June 3-7, 2000, memorandum of agreement between EPA and registrants of pesticide products containing chlorpyrifos.

This product may ~~be used ONLY for formulation into an~~ ONLY be formulated into manufacturing-use insecticide products or end-use insecticide products for the following uses: uses. Text in square brackets (e.g. [Indoor Food]) after each site category heading refers to the general use group as referenced in 40 CFR 158.

### Agricultural Uses

#### ~~Agricultural Crops (Terrestrial Food Crop) (Greenhouse Food Crop):~~ [Terrestrial Food Crop,

Greenhouse Food Crop]: Alfalfa, apple (post-bloom application prohibited), asparagus, banana, bean (snap, lima), beet (sugar, table, including crops grown for seed), blueberry, brassica (cole) leafy vegetables (bok choy, broccoli, broccoli raab, broccoli, Brussels sprout, cabbage, Chinese cabbage, cauliflower, collard, kale, kohlrabi), caneberry, cherimoya, cherry (sour, sweet), citrus (lemon, orange, grapefruit and citrus, other) citrus orchard floor, corn (field, sweet, including crops grown for seed), cotton, cranberry, cucumber, date, feijoa, fig, grape, kiwifruit, leek, legume vegetables, mint, nectarine, onion (dry bulb), pea, peach, peanut, pear, pepper, plum, prune, pumpkin, radish (including crops grown for seed), rutabaga, sapote, seed and pod vegetables, sorghum (grain, milo), soybean, strawberry, sugarcane, sunflower, sweet potato, tobacco, ~~tomato (except cherry tomato)~~, tree nuts (almond, filbert, pecan, walnut, other), turnip, wheat, and seed treatment; ~~in addition, this product may be used to formulate products for any additional crop uses not listed on this label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding the support of such~~ uses: uses;

Livestock [Indoor Food]: Cattle ear tags, ~~non-residential animal housing including but not limited to poultry houses, feedlots, corrals, stockyards, holding pens, and other livestock holding areas;~~

#### ~~Ornamentals (Outdoor and Nursery) (Terrestrial Nonfood Crop) (Greenhouse Non-food Crop) (Indoor):~~ Outdoor commercial production only [Commercial Terrestrial Non-Food, Commercial

Greenhouse Non-Food]: Greenhouse, outdoor (excluding any residential outdoor ~~use~~ and ~~use~~), field grown and nursery grown ornamentals (including, but not limited to flowers, shrubs, evergreens, vines, shade and flowering trees, and non-bearing fruit, nut, and citrus trees); Christmas tree plantations, nurseries, forest tree nurseries, sod farms, perennial grass seed crops, soil treatment of potted, containerized or balled and burlapped nursery stock plants; annual and perennial plants; houseplants; plants in nurseries and greenhouses only; annual and perennial plants;

Tree and Forest Pests (Forestry) (Domestic Outdoor): Nurseries, plantations, felled trees, shade and flowering trees, and Christmas tree plantations; ~~cut stumps;~~

Use of this product for formulation of Agricultural End Use products must meet the following requirements: Forest Trees [Forestry]: Plantations, forests, seed orchards, felled trees, and cut stumps.

**If the product is labeled for reformulation into products bearing labeling for agricultural uses, the label may not contain instructions permitting formulation into products registered for tomatoes. In addition, the label must contain the following statements:**

- ~~Use of this product for formulation into any end-use product bearing instructions for use on tomatoes is prohibited.~~
- Use of this product for formulation into any end-use product bearing instructions for use on apple trees is prohibited unless the end-use product bears EPA-approved labeling prohibiting post-bloom application to apple trees.
- This product may only be formulated for the agricultural uses listed below if the EPA-approved labeling of the formulated product bears revised worker reentry intervals (REIs) of a duration no less than the following:

~~Harvesting for~~ For all crops: 24 hours, unless specifically noted as otherwise below

- ~~Harvesting tree~~ Tree nuts and sweet potatoes: 2 days

- ~~Harvesting fruit~~ Fruit trees: 4 days

- ~~Pruning activities and harvesting citrus:~~ 5 days

- ~~Harvesting cauliflower:~~ 10 days

**Note to EPA Reviewer:** ~~Except for pruning activities on citrus and harvesting of cauliflower, all of the specified reentry intervals are less than the PHI.~~

Citrus trees: 5 days

- The end-use product labeling may include the following statement: 'Certified crop advisors or persons entering under their direct supervision under certain circumstances may be exempt from the early reentry requirement pursuant to 40 CFR Part 170.'
- Any emulsifiable concentrate (EC) end-use product formulated from ~~this~~the product must be labeled as a restricted use product. All other end-use products formulated from the product must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation, 50 pounds of a granular formulation, or 25 pounds of any other dry formulation.

#### **Non-Agricultural Uses (other than Termite Control)**

~~Turf and Other Outdoor Areas (Domestic Outdoor) (Terrestrial Nonfood Crop):~~ Including, but not limited to ~~limited to~~ golf courses, lawns and other ornamental and recreational turfgrass areas and non-crop areas such as roadsides, medians, industrial plant sites, footpaths and trails, picnic and camping sites, parks and other recreational areas, sod farms, and commercial turfgrass areas, and fire ant mounds; **Non-Agricultural, Non-Termite Control Uses**

**Turf [Terrestrial Non-Food]:** Golf course turf, turf in road medians, and turf in industrial plant sites (provided the use rate is no greater than 1 lb ai/acre);

**Pest Control Indoors [Indoor Residential]:** Containerized baits in child-resistant packaging for indoor residential uses;

~~Pest Control Indoors (Indoor Non-residential):~~ Crack, and crevice, and spot and bait treatments in and around residential and **[Indoor Non-residential]:** Crack, crevice, and spot treatments in food and non-food areas of non-residential buildings and structures including ~~one or more of the following:~~

~~warehouses and mausoleums, warehouses, ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants (such as bakeries, such as bakeries (not in food service establishments), bottling facilities, breweries, food manufacturing plants, granaries, grain mills, and wineries), wineries;~~ or containerized baits in child-resistant ~~packaging;~~ food-handling establishments, including, but not limited to apartment buildings, bakeries, bottling facilities, breweries, cafeterias, food manufacturing plants, food processing plants, food service establishments, ~~packaging;~~ granaries and grain mills, hospitals, hotels, houses (including crawl spaces), industrial buildings, kitchens, laboratories, mausoleums, mobile and motor homes, offices, restaurants, schools, stores, warehouses, wineries, and vehicles; **Pest Control Outdoors [Terrestrial Non-Food, Domestic Outdoor]:** Public health uses to control fire ant mounds. Public health uses as a mosquito adulticide; mosquito control may only be applied by trained personnel of public health organizations, mosquito abatement districts, public mosquito control programs, and professional pest control operators;

**Pest Control Outdoors [Terrestrial Non-Food]:** Underground utility cables and conduits in non-residential sites; turf and ornamentals in road medians; turf and ornamentals in industrial plant sites (provided the use rate is no greater than 1 lb ai/acre);

**Wood or Wood Structure Protection Treatments (Domestic Indoor or Outdoor) Non-Residential Outdoor Control of Wood Infesting Insects (Non-residential outdoor):** General surface, localized injection, and barrier soil treatments for to residential and nonresidential buildings and structures including but not limited to pre and post construction termiticide barrier soil application, wood surfaces, voids and channels in damaged wood, gaps between wooden members, wall voids, junctions between wood and foundation; Underground utility cables and conduits, fence posts and utility poles; and wood treatment (dip, spray, or pressure treatment of lumber, logs, pallets, poles, posts, wooden containers, and processed wood products);

**Use of this product for formulation of Non-Agricultural End-Use products for other than Termite Control must meet the following requirements:**

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for non-agricultural, non-termite control uses in accordance with the following conditions:

- Any emulsifiable concentrate (EC) end-use product formulated from this product must be labeled as a restricted use product. All other end-use products formulated from the product (other than containerized baits in child-resistant packaging) must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.
- The end-use product may not bear use directions for any indoor residential use (as that term is defined in 40 CFR 152.3) other than containerized baits in child-resistant packaging.
- Any emulsifiable concentrate (EC) end-use product formulated from this product may not bear use directions for any indoor non-residential use. All other end-use products may not bear use directions for any indoor non-residential use other than one or more of the following uses: warehouses, ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants, or containerized baits in child-resistant packaging.
- The end-use product may not bear use directions for any residential outdoor use other than one or more of the following public health uses: individual fire ant mound treatment or mosquito control.
- The end-use product may not bear use instructions for any non-residential outdoor use other than one or more of the following uses:
  - golf courses, road medians, and industrial plant sites, provided that the maximum label application rate is no greater than 1 lb./ai per acre;
  - mosquito control for public health purposes;
  - individual fire ant mound treatment for public health purposes; and
  - fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts and processed wood products.

**Pest Control on Outside Surfaces and Around Buildings (Domestic Outdoor):** Perimeter Treatments (applied to and around outside surfaces of residential and nonresidential buildings and structures, including, but not limited to) crawl spaces, decks, driveways, eaves, fences, foundations, garages, patios, refuse dumps, walkways, walls, window and door frames, wide area and general outdoor treatment (for flying insects), baits, and soil treatments;

**Termite Control Uses: Pre-construction barrier applications and post-construction (spot and local treatment only)**

**Use of this product for formulation of Termite Control End-Use products must meet the following requirements:**

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for termite control in accordance with the following conditions:

- This product may not be used after December 31, 2004, to formulate any product labeled for termite control, unless, prior to that date, EPA has made a written determination that pre-construction termite control use may continue.

- ~~• Any end-use product formulated from this product must bear EPA-approved labeling that (a) does not include use instructions for any post-construction applications other than spot and local treatment; and (b) states this product may only be used for spot and local treatment until December 31, 2002.~~
- ~~• Any end-use product formulated from this product must bear EPA-approved labeling with a maximum chlorpyrifos end-use dilution of 0.5% active ingredient.~~
- ~~• Any emulsifiable concentrate (EC) end-use product formulated from this product (other than containerized baits in child-resistant packaging) must be labeled as a restricted use product. All other end-use products formulated from the product must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.~~

**Pets and Domestic Animals (Indoor):** Pet collars, cattle ear tags, animal housing including but not limited to pet kennels, poultry houses, and livestock housing (corrals, stockyards, holding pens and other outdoor livestock holding areas);

**This product may NOT be used for formulation into manufacturing use or end-use products for the following uses:**

**Pest Control Indoors (Indoor):** Indoor broadcast use; total release foggers for indoor residential and nonresidential (except greenhouse) use; coating products intended for large indoor surface areas such as floors, walls, and ceilings inside residential dwellings, offices, schools, or health care institutions including, but not limited to, houses, apartments, nursing homes and patient rooms in hospitals;

**Pets and Domestic Animals (Indoor):** Animal dips, sprays, shampoos, dusts;

**Aquatic Uses (Aquatic Food Crop) (Aquatic Non-Food):** Any aquatic use, including mosquito larvicide;

**Pest Control Indoors or Outdoors (Domestic Indoor or Outdoor):** Paint additives; application in sewer manholes

**Terrestrial Non-Food:** Fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts, and processed wood products.

**If the product is labeled for reformulation into products bearing labeling for non-agricultural uses (other than termite control), the label must contain the following statements:**

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for non-agricultural, non-termite control uses in accordance with the following conditions:

- Any emulsifiable concentrate (EC) end-use product formulated from this product must be labeled as a restricted use product. All other end-use products formulated from the product (other than containerized baits in child-resistant packaging) must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.
- The end-use product may not bear use directions for any indoor residential use (as that term is defined in 40 CFR 152.3) other than containerized baits in child-resistant packaging.
- Any emulsifiable concentrate (EC) end-use product formulated from this product may not bear use directions for any indoor non-residential use. All other end-use products may not bear use directions for any indoor non-residential use other than one or more of the following uses: warehouses, ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants, or containerized baits in child-resistant packaging.
- The end-use product may not bear use directions for any residential outdoor use other than one or more of the following public health uses: individual fire ant mound treatment or mosquito adulticide use.
- The end-use product may not bear use instructions for any non-residential outdoor use other than one or more of the following uses:
  - golf courses, road medians, and industrial plant sites, provided that the maximum label application rate is no greater than 1 lb ai/acre;
  - mosquito adulticide use for public health purposes;
  - individual fire ant mound treatment for public health purposes; and

- fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts, and processed wood products.

### Termite Control Uses

Wood or Wood Structure Protection Treatments [Terrestrial Non-Food]: Spot and localized termiticide treatments.

If the product is labeled for reformulation into products labeled for termite control, the label must contain the following statements:

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for termite control in accordance with the following conditions:

- This product may not be used after December 31, 2004, to formulate any product labeled for termite control, unless prior to that date, EPA has made a written determination that pre-construction termite control use may continue.
- Any end-use product formulated from this product must bear EPA-approved labeling that (a) does not include use instructions for any post-construction applications other than spot and local treatment; and (b) states this product may only be used for spot and local treatment until December 31, 2002.
- Any end-use product formulated from this product must bear EPA-approved labeling with a maximum chlorpyrifos end-use dilution of 0.5% active ingredient.
- Any emulsifiable concentrate (EC) end-use product formulated from this product (other than containerized baits in child-resistant packaging) must be labeled as a restricted use product. All other end-use products formulated from the product must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.

### Other Uses

This product may be formulated into insecticide products for other uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label.

### Experimental Uses

This product may be formulated into insecticide products for uses for experimental purposes that are in compliance with US EPA requirements.

### Other Prohibited Uses

All manufacturing-use and end-use products produced from this product must bear a **statement prohibiting formulation of such products for the uses identified above.** the following statement:

'This product may NOT be used for formulation into manufacturing-use or end-use products for the following uses:

**Aquatic Uses [Aquatic Food Crop, Aquatic Non-Food]: Any aquatic use, including mosquito larvicide.**



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**Important Note:**

Because of their properties and intended uses, insecticidal formulations containing this product will require precautionary labeling differing from that given. Formulators should develop their own use and precautionary labeling based on the properties and intended uses of their own finished formulations, and are responsible for obtaining EPA registration of these products.

**Storage and Disposal**

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

**Storage:** Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site, if approved waste handling facilities are available, or at an approved waste disposal facility.

**Container Disposal:** 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.

**Warranty Limitations and Disclaimer**

Luxembourg-Pamol, Inc. warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien or encumbrance.

This is the only warranty made on this product. Luxembourg-Pamol, Inc. EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

In case of emergency endangering health or the environment involving this product, call 1-800-424-9300.

Manufacturing Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 42519-EG

EPA Est. \_\_\_\_\_

Lot

Luxembourg-Pamol, Inc. • Memphis, Tennessee 38137 U.S.A.

**Insecticide**

Net Wt. \_\_\_