



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

19713-518

Date of Issuance:

MAR 30 2007

NOTICE OF PESTICIDE:

- Registration
[x] Reregistration (under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

Chlorpyrifos TC

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company
1700 Channel Avenue
Memphis, TN 38113

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.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

- 1) Delete porches from third line under the General Use Precautions and Restrictions since porches may imply a residential use.
2) Add before "Buyer assumes all risks...." in the Warranty statement "To the extent allowed by applicable laws"

Please submit two (2) copies of your final printed labeling before you release the product for shipment. Products shipped after 12 months from the date of this Notice must bear the new revised label. Should you have any questions, do not hesitate to contact Registration Review Manager, Dr. Akiva Abramovitch at 703-308-8328. A stamped copy of the label is enclosed for your records.

Signature of Approving Official:
Meredith F. Laws, Chief
Insecticide-Rodenticide Branch
Registration Division (7505P)

Venus Eagle for

Date: MAR 30 2007

# RESTRICTED USE PESTICIDE

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

**ACCEPTED**

**with COMMENTS**  
**In EPA Letter Dated:**

MAR 30 2007

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-518

**Drexel**

# Chlorpyrifos TC

Concentrate

FOR USE IN TREATMENT OF WOOD PRODUCTS IN NON-RESIDENTIAL AND INDUSTRIAL PLANT SITES ONLY.

### ACTIVE INGREDIENT:

Chlorpyrifos .....	44.9%
OTHER INGREDIENTS*:	55.1%
<b>TOTAL:</b> .....	<b>100.0%</b>

This product contains 4 pounds of Chlorpyrifos per gallon.  
\*Contains aromatic petroleum distillates.

## KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See **FIRST AID** Below  
**SHAKE WELL BEFORE USING**

EPA Reg. No. 19713-518  
EPA Est. No. 19713-GA-1

Net Contents: \_\_\_\_\_

### FIRST AID

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not give any liquid to the person.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

#### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree 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 antidotes immediately after establishing an open airway and respiration. May pose an aspiration pneumonia hazard. Contains petroleum distillate.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**WARNING:** May be fatal if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Do not get in eyes, or on skin. Avoid breathing vapors or spray mist. Wash thoroughly after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse. Keep away from food, feedstuffs and water supplies.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**All mixers, loaders, applicators and handlers must wear:** Coveralls over long-sleeved shirt and long pants, chemical-resistant footwear plus socks, chemical-resistant gloves made of barrier laminate or viton, chemical-resistant apron when mixing or loading or exposed to the concentrate, chemical-resistant headgear for overhead exposures, and a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### USER SAFETY RECOMMENDATIONS

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### PHYSICAL OR CHEMICAL HAZARDS

**COMBUSTIBLE.** Do not use or store near heat or open flame. Do not cut or weld container.

### DIRECTIONS FOR USE

#### RESTRICTED USE PESTICIDE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Manufactured By:

**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

**SINCE 1972**

**GENERAL USE PRECAUTIONS AND RESTRICTIONS**

All non-essential wood and cellulose-containing materials, including scrap wood and form boards, should be removed from around foundation walls, crawl spaces and porches. This does not include existing structural soil contact wood that either has been or needs to be treated.

When treating adjacent to an existing structure, the applicator must check the areas to be treated, and immediately adjacent areas of the structure for visible and accessible cracks and holes to prevent any leaks. After application, the applicator is required to check for leaks.

All leaks resulting in the deposition of this product in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Contamination of public and private water supplies must be avoided by following these precautions:

1. Use anti-backflow equipment or procedures to prevent siphonage of pesticide back into water supplies.
2. Do not treat soil that is water-saturated or frozen.
3. Do not treat while precipitation is occurring.
4. Do not contaminate wells or cisterns.
5. Consult Federal, State and Local specifications for information regarding approved treatment practices in your area.

**Treatment of Wood Products (Right-of-Ways, Manufacturing, or Industrial Sites Only)**

To prevent insect attack of wood product, this product may be used for treatment of fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts, and processed wood products.

**Dosage and Mixing Directions**

This product is recommended for use as an aqueous emulsion containing 0.5% to 1.0% Chlorpyrifos. See following table for dilution directions.

Gals. of finished dilution desired	This Product		
	0.5% Solution	1.0% Solution	2.0% Solution
1	1.33 fl. ozs.	2.66 fl. ozs.	5.33 fl. ozs.
5	6.66 fl. ozs.	13.33 fl. ozs.	26.66 fl. ozs.
10	13.33 fl. ozs.	26.66 fl. ozs.	53.33 fl. ozs.
24	1 qt.	0.5 gal.	1 gal.
48	0.5 gal.	1 gal.	2 gals.
97	1 gal.	2 gals.	4 gals.

**Advisements**

To control wood infesting insects such as Ambrosia beetles (Scolytidae), Death-watch beetles (Anobiidae), False powderpost beetles (Bostrichidae), Old house borers (Cerambycidae) and Powderpost beetles (Lyctidae), treatments may be applied either as coarse sprays or by brushing the product onto targeted surfaces. Use sufficient amount of spray to cover the area to the point of wetness but avoiding runoff. Use the following guidelines to determine appropriate rates of application:

Type of Wood	Diluted Spray	Area to be Sprayed (as a coarse spray)
New Wood (typically less than 10 years of age)	1 gallon	150 sq. ft.
Old Wood (typically greater than 10 years of age)	1 gallon	100 sq. ft.

**PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS (Industrial Plant Sites Only)**

To control Ants, Bees, Carpenter ants, Clover mites, Cockroaches, Crickets, Earwigs, Hornets, Millipedes, Scorpions, Spiders, Ticks, Wasps and Yellowjackets.

**Outside Surfaces:** Apply this product as a residual spray to outside surfaces of buildings including window frames, eaves, garages, refuse dumps and other areas where pests congregate or have been observed. Treatment may be repeated as needed to maintain effectiveness.

**Perimeter Sprays:** To help prevent infestation of buildings, treat a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. For Scorpions, treat or remove accumulations of lumber, firewood, and other materials which serve as insect harborage sites.

**Dosage and Mixing Instructions:** Use this product as a 0.25% to 0.5% dilution as indicated in the following table:

Gals. of finished dilution desired	This Product	
	0.25% Solution	0.5% Solution
1	0.66 fl. ozs.	1.33 fl. ozs.
5	3.33 fl. ozs.	6.66 fl. ozs.
10	6.66 fl. ozs.	13.33 fl. ozs.
24	16 fl. ozs.	1 qt.
48	1 qt.	2 qts.
97	2 qts.	1 gal.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in secured, dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Avoid storing above 122°F for extended periods of time. Storage below 40°F may result in formation of crystals. If product crystallizes, store at 55°F to 75°F and shake occasionally to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

**WARRANTY—CONDITIONS OF SALE**

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent allowed by law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.