

62719-77

10/26/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

October 26, 2000

John J. Jachetta Ph.D.  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Subject: Lentrek 6WT  
EPA Reg. No. 62719-77  
Submission dated Oct 10, 2000

Dear Dr. Jachetta:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable provided that you make the labeling changes indicated before you release the product for shipment bearing the amended labeling:

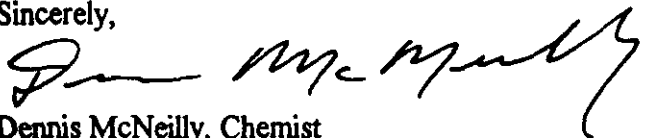
- 1) On page 1, revise the sentence "Wear protective clothing such as long-sleeved shirt, long-legged pants, hat, rubber gloves, and footwear impervious to aromatic solvents, (i.e. neoprene or nitrile butadiene rubber)." to "Wear protective clothing: long-sleeved shirt, long-legged pants, hat, rubber gloves, eye protection (goggles, face shield, or safety glasses with front, brow, and temple protection), and footwear impervious to aromatic solvents (i.e. neoprene or nitrile butadiene rubber)."
- 2) On page 5 under the heading **Handling Procedures**, add the following after "eye protection": "(goggles, face shield, or safety glasses with front, brow, and temple protection)".
- 3) On page 7, change the heading "**In-Place Treatment of Utility Poles and Fence Posts in Rights-of-Way**" to "**In-Place Treatment of Utility Poles and Fence Posts in Rights-of-Way (non-residential sites)**"

The conditions of paragraph 5 of the June 2000 Memorandum of Agreement apply to this label amendment, specifically this amended label is effective December 1, 2000. Failure to comply with any of the conditions of registration set forth in Paragraph 10 of the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e). Submit one copy of the revised final printed

label before releasing the product for shipment. If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e).

A stamped copy of the label is enclosed for your records. If you have questions, please contact me at (703) 308-6742 or electronically at [McNeilly.Dennis@EPA.gov](mailto:McNeilly.Dennis@EPA.gov).

Sincerely,



Dennis McNeilly, Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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(Base label):

(Logo) Dow AgroSciences LLC

# Lentrek\* 6 WT

For control of wood-infesting insects in lumber, logs, and other wood products.

Active Ingredient:	
chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2- pyridinyl) phosphorothioate .....	62.5%
Inert Ingredients .....	37.5%
Total .....	100.0%

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

OCT 26 2000

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

6779-77

Contains 6 pounds of chlorpyrifos per gallon.

## Precautionary Statements

### Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

# WARNING

# AVISO

**Precaucion al usuario:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

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

**Do not get in eyes, on skin, or on clothing. Avoid breathing vapors. Handle concentrate in a ventilated area. Wear protective clothing such as long-sleeved shirt, long-legged pants, hat, rubber gloves, and footwear impervious to aromatic solvents, (i.e. neoprene or nitrile butadiene rubber). 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

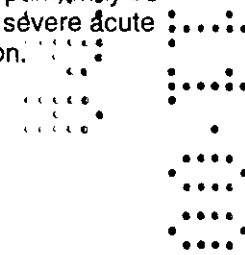
**If swallowed:** Call a physician or Poison Control Center immediately. Do not induce vomiting. Contains an aromatic petroleum solvent. Do not give anything by mouth to an unconscious person.

**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 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/protoparfr, 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.







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(Page 1 through end):

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**Environmental Hazards**

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of waste.

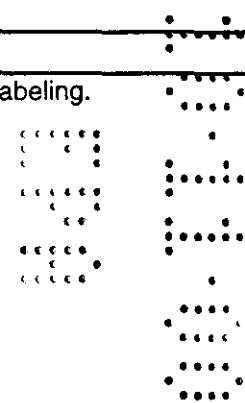
**Physical or Chemical Hazards**

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

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

**Do not formulate this product into other end-use products.**



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**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. Storage below 23°F may result in formation of crystals. If product crystallizes, store at 72° to 90°F and agitate 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 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.

**Metal 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.

**Plastic 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.

**Reusable Portable Containers:** Do not rinse or put any other material into container. When returning reusable portable container, seal all openings and return to collection point designated by Dow AgroSciences.

**General Information**

Lentrek® 6 WT insecticide can be diluted with suitable oils (such as mineral spirits) for treatment of wood products to prevent insect attack. This product may be used for treatment of fence posts, utility poles, railroad ties, landscape timbers, lumber, logs, pallets, poles, posts, wooden containers, and processed wood products. Lentrek 6 WT is not miscible in water. Applications must be made in manufacturing, industrial or right-of-way settings only and may be made by dipping, brushing, spraying, or by pressure treatment. For longer control use the higher use rates and/or apply by pressure treating.

Wood destroying insects are often very small. Therefore complete coverage of the wood product is essential for optimal control. Application by dipping, spraying, or brushing is a surface treatment. Milling or cutting surface treated wood may expose unprotected wood for insect attack. Where control of wood rotting or staining organisms is desired, an appropriate fungicide will need to be added to the treatment solution or applied separately.

**Handling Procedures**

Wear protective clothing including eye protection, chemically resistant gloves, and footwear impervious to aromatic solvents (such as neoprene or nitrile butadiene rubber) during preparation of solution, treatment, and when handling freshly treated wood.

To avoid breathing spray mist during application in confined areas wear a mask or respirator of a type recommended by NIOSH for filtering spray mists.

Wood can be safely handled without the use of protective clothing when dry. Refer to respective safety information concerning handling precautions for cobioicides and/or solvents.

**Mixing Directions**

Dilute Lentrek 6 WT with a suitable oil according to Table 1. Agitate during filling to ensure uniform mixing.

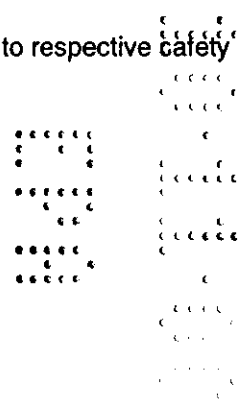


Table 1 - Dilution Chart

Gallons of Mixture Desired	Gallons of Lentrek 6 WT needed for Oil-Based Mix <sup>†</sup>			
	0.25%	0.5%	1.0%	2.0%
50	0.15	0.3	0.6	1.1
100	0.3	0.6	1.1	2.2
250	0.7	1.4	2.8	5.5
500	1.4	2.8	5.5	11.0
1000	2.8	5.6	11.0	22.0

<sup>†</sup>Assumes oil weighs 6.5 lb/gallon. Adjust dilution appropriately for the oil you are using.

### Tank Mixing

Unless prohibited by a product's label, users can tank mix pesticides currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals be run to check for chemical compatibility prior to tank mixing.

### Directions For Application (Limited to Manufacturing, Industrial, and Right-of-Way Settings Only)

To control wood infesting insects such as termites, carpenter ants, ambrosia beetles (*Scolytidae*), powder-post beetles (*Lyctidae*), false powder-post beetles (*Bostrichidae*), deathwatch beetles (*Anobiidae*), old-house borers (*Cerambycidae*), and others treat the wood with up to a 1% dilution of chlorpyrifos. Monitoring of the treating solution may be necessary to insure that the desired level of chlorpyrifos is maintained, particularly where the treating solution may be used for an extended time period.

Dip, spray, and brush treatments are intended to kill localized infestations of workers and winged reproductive forms of termites and to prevent infestation for a temporary period. These applications are not intended as a substitute for soil or pressure treatments.

### Dip Treatment

Beetles, wood-infesting ants, and termites may be controlled in freshly cut lumber, wooden containers, millwork, pallets, and processed wood products by dipping. Use rates up to 1%. Rates of 0.5% to 1% are recommended to ensure residual protection. The wood should be totally submerged in the dilution until thoroughly wet (minimum 3 minutes) and then allowed to dry in a suitable location. Dipping solutions should be monitored to ensure the desired level of chlorpyrifos is maintained. Dipping solutions should be agitated if left unused for a period of time (such as overnight). For optimal performance and economy, avoid heavy buildup of wood debris in dip tanks as chlorpyrifos may bind to the debris and thus reduce the strength of the dilution.

### Spray Treatment and Brush Treatment

Beetles, wood-infesting ants, and termites may be controlled in lumber, logs, wooden containers, millwork, poles, posts, and processed wood products by spraying or brushing. A 0.5% to 1% dilution is recommended for maximum efficacy. The wood should be sprayed or brushed thoroughly, including backs and ends, with the treatment mixture. Apply to surfaces, voids, and channels where insects may be located. When spraying, use a sprayer capable of delivering a coarse, low pressure (about 20 psi) spray. On logs, ensure thorough bark coverage as untreated areas are subject to insect attack. When treating processed wood products Lentrek may be sprayed onto wood chips or mixed with a compatible adhesive. The Lentrek and adhesive mixture may be applied by methods suitable for application of the adhesive, (such as spraying, rollers, or blending). Test compatibility and application method on a small scale prior to full scale production.



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**Pressure Treatment**

For maximum, long-term control of beetles, wood-infesting ants, and termites in railroad ties, landscape timbers, lumber, wooden containers, millwork, pallets, processed wood products, utility poles, and fence posts, apply by pressure treatment. Combine with an appropriate fungicide for control of wood-decay organisms. Treat to attain a minimum retention of 0.0175 pounds per cubic foot (pcf) in the appropriate assay zone. Depending upon the treatment process this usually requires a 0.25% to 1% dilution. Use the lower concentrations for full-cell treatments and higher concentrations for empty-cell treatment.

**In-Place Treatment of Utility Poles and Fence Posts in Rights-of-Way**

**Remedial Treatment:** To control existing infestations of termites or to prevent infestation of poles and posts already in place, use a 1% to 2% dilution. The solution should be injected into termite galleries or channels in the wood. For maximum protection, injection sites should be at or below ground level. Application directly to the soil as a soil termiticide barrier treatment, however, is not recommended.

Retreatment may be made any time there is evidence of reinfestation. Annual retreatments are prohibited unless reinfestation has occurred.

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**Warranty Disclaimer**

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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**Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

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**Limitation of Remedies**

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

\*Trademark of Dow AgroSciences LLC  
EPA-Accepted   /  /  

