

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

1022-543

DATE OF ISSUANCE

September 27, 1989

NOTICE OF PESTICIDE: REGISTRATION
 REREГИSTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

1022-543

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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 endorsement 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.

The following conditions apply to the registration of your product under this Act. You must comply with these conditions before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling. If these conditions 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. A stamped copy of the label is enclosed for your records.

Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards, Jr.

DATE

9/27/89

ACCEPTED
with COMMENTS
in EPA Letter Dated

1027

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

1022-543

CHAPCIDE 4-EC

Insecticide Wood Treatment Concentrate

For Control of Wood-Infesting Insects
in Lumber and Logs

For Industrial and Commercial Use Only

Active Ingredient(s):

Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate] 44.9%

Inert Ingredients 55.1%

Contains 4 pounds of chlorpyrifos per gallon

EPA Registration No. 1022-

EPA Establishment No. 1022-TN-1

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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

MAY BE FATAL IF SWALLOWED

• EXCESSIVE ABSORPTION
THROUGH SKIN MAY BE FATAL
• CAUSES SUBSTANTIAL BUT
TEMPORARY EYE INJURY • CAUSES
SKIN IRRITATION

Do Not Get In Eyes, On Skin Or Clothing
• Wear Eye Protection • Avoid Breathing
Vapors And Spray Mist • Handle Concentrate
In A Ventilated Area • Wear Protective
Clothing And Chemically Resistant 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

STATEMENT OF PRACTICAL TREATMENT:

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 15 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/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.

Physical or Chemical Hazards

COMBUSTIBLE • Do Not Use or Store Near Heat or Open Flame. • Do Not Cut or Weld Container.

Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water. 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.

IN CASE OF AN EMERGENCY
endangering life or property involving this product, call 901/396-5157

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

DIRECTIONS FOR USE

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

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

Treatment of Preconstruction Lumber and Logs

General Information: CHAPCIDE 4-EC insecticide can be diluted with water or suitable base oil. To prepare the mixture, dilute CHAPCIDE 4-EC as shown in the following Dilution Chart.

Dilution Chart

Gallons of Mixture Desired	Gallons Of Chapcide 4-EC To Use	
	0.5% Spray	1.0% Spray
Oil or Water Based Mixture		
50	1/2	1
100	1	2
250	2 1/2	5
500	5	10
1000	10	20

Directions for Application

To protect unseasoned or seasoned lumber and logs from wood destroying insects, such as termites, carpenter ants and beetles (ambrosia, powder-post, old house borers and others), treat the wood with up to a 1.0% dilution of chlorpyrifos. This dilution can be applied by spraying, brushing, dipping or pressure treatment. Monitoring of the treating mixture may be necessary to insure that the desired level of chlorpyrifos is maintained. Wear protective clothing and chemically resistant gloves during treatment and when handling freshly treated wet wood. Wood can be safely handled after treatment when dry.

1. **Dip Treatment.** Rates of 0.5% to 1.0% are recommended for dip treatments to insure adequate retentions. The wood should be totally submerged in the dilution until thoroughly wet and then allowed to dry in a suitable location. Dipping solutions to which CHAPCIDE 4-EC has been added should be agitated before use if left unused for a period of time.
2. **Pressure Treatment.** Rates of 0.25% to 0.5% are recommended for adequate penetration and retention. After the pressure is released and the system drained, the wood should be placed in a suitable location for drying.
3. **Spray Treatment and Brush Treatments.** Rates of 0.5% to 1.0% are recommended for spray and brush treatments. The wood should be sprayed or brushed thoroughly, including back and ends, with the treating mixture.

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 20°F may result in formation of crystals. If product crystallizes, store at 50 to 70°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.

CONTAINER DISPOSAL: METAL 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

CONTAINER DISPOSAL: PLASTIC Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by incineration, or, if allowed by local authorities, by burning.

WARRANTY STATEMENT AND DISCLAIMER

Proper application is critical to the effectiveness of this product; however, when applied and used according to this label, this product is capable of protecting wood as described above. The actual life of the treatment will be affected by the condition of the wood when treated, the species of wood, the type of exposure, and previous and subsequent treatments.

READ THE LABEL THOROUGHLY BEFORE USE AND COMPLY WITH ALL DIRECTIONS, AND USE COMMON SENSE IN HANDLING.

CHAPMAN MAKES NO WARRANTIES EITHER EXPRESS OR IMPLIED, OTHER THAN WHAT IS SET FORTH ON THE LABEL, AND CHAPMAN DISCLAIMS ANY IMPLIED WARRANTY OR MERCHANTABILITY NOT SPECIFICALLY SET FORTH ON THIS LABEL. CHAPMAN SHALL NOT BE RESPONSIBLE FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE, OR THE TYPE RESULTING FROM FAILURE TO FOLLOW DIRECTIONS FOR USE, WARNINGS AND PRECAUTIONARY LANGUAGE ON THIS LABEL. CHAPMAN SHALL NOT BE RESPONSIBLE FOR DAMAGE TO PROPERTY BEYOND THE PURCHASE PRICE OF THIS PRODUCT; HOWEVER, SOME STATES DO NOT ALLOW THE INCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU.

BEST AVAILABLE COPY