

APR 24 1995

Ms. Sangeeta V. Khattar  
IBC Manufacturing Company  
5966 Heisley Road  
Mentor, Ohio 44060

Subject: Revised Labeling and  
Confidential Statement of Formula  
Chapcide 4-EC  
EPA Registration Number 1022-543  
Your Application Dated January 12, 1995

Dear Ms. Khattar:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable. A stamped copy is enclosed for your records.

The revised Confidential Statement of Formula, dated January 12, 1995 and showing a new basic formulation for the product, is acceptable. We understand that this replaces and supersedes all previously submitted Confidential Statements of Formula.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

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Net Contents:

# CHAPCIDE 4-EC

## INSECTICIDE WOOD TREATMENT CONCENTRATE

For Control of Wood-Infesting Insects  
in Lumber and Logs

FOR INDUSTRIAL AND COMMERCIAL USE ONLY

### Ingredient Statement

**Active Ingredient(s):**

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

**Inert Ingredients:** ..... 55.1%

**Total:** ..... 100.0%

Contains 4 pounds of chlorpyrifos per gallon.

EPA Reg No 1022-543

EPA Est. No. 1022-TN-1

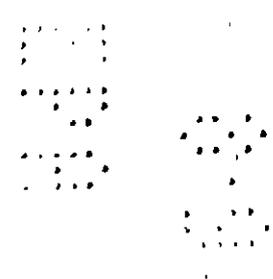
**KEEP OUT OF REACH OF CHILDREN**

### WARNING

See Precautionary Statements

<b>ACCEPTED</b>
<b>APR 24 1995</b>
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1022-543

Manufactured by:  
IBC Manufacturing Company  
416 East Brooks Road  
P.O. Box 9158  
Memphis, TN 38109-0158



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**PRECAUTIONARY STATEMENTS**

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**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****WARNING  
AVISO**

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**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.

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**ENVIRONMENTAL HAZARDS**

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This pesticide is extremely toxic to fish, birds, and other wildlife. 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 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 equipment washwaters.



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**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.

**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.

**MIXING AND APPLICATION DIRECTIONS**

**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:**

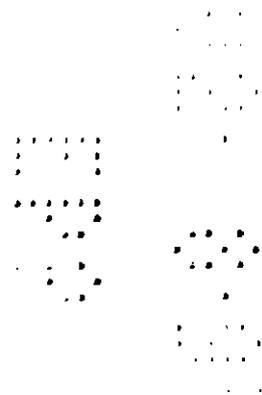
To protect unseasoned or seasoned lumber and logs from wood destroying insects, such as termites, carpenter ants and beetles (ambrosia, powder-post, old-house borers and others), treat the wood with up to a 1.0% dilution of chlorpyrifos. This dilution can be applied by spraying, brushing, dipping or 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.

- 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.

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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.



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**STORAGE AND DISPOSAL**

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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.

**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 puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed, by local authorities, by burning. If burned, stay out of smoke.

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**WARRANTY STATEMENT AND DISCLAIMER**

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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 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.

IBC MANUFACTURING COMPANY 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. IBC MANUFACTURING COMPANY 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. IBC MANUFACTURING COMPANY 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.

January 1995  
Disk: IBC Labels