



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

September 21, 2004

Gail Early
Registrations Representative
IBC Manufacturing Company
416 East Brooks Road
Memphis, TN 38109

Subject: Chap-Fume
EPA Registration No. 1022-562
Application Dated August 11, 2004

Dear Ms. Early:

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

Proposed Amendment:

- Label revision (wood chip use)

General Comment:

A stamped copy of the label is enclosed.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422 or Stacey Grigsby at (703) 305-6440.

Sincerely,

Stacey Grigsby (handwritten signature)

Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

Net Contents:

CHAP-FUME

A FUMIGANT FOR CONTROLLING DECAY AND INSECTS IN WOOD POLES

INGREDIENT STATEMENT

ACTIVE INGREDIENT:		
Sodium Methylthiocarbamate (Anhydrous)	33.0%*
INERT INGREDIENTS:	67.0%
TOTAL:	100.0%

*Contains 3.18 lbs. active ingredient per gallon
UN 3006

(Contains Sodium Methyl Dithiocarbamate)

(IMO: Dithiocarbamate Pesticides, Liquid, Toxic, N.O.S., UN 3006)

This product is sold only for uses stated on its label. No expressed or implied license is granted to use or sell this product under any patent in any country except as specified: Country, United States.

EPA Reg. No. 1022-562

EPA Est. No. 1022-TN-1

KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a Poison Control Center or doctor for further treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> 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 further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
<p>In case of emergency, call Chemtrec toll free at 800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<p>Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

ACCEPTED
with COMMENTS
EPA Letter Dated:

See Back Panel for Additional Precautionary Statements

SEP 21 2004

IBC Manufacturing Company
416 East Brooks Road
Memphis, TN 38109

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1022-562

CHAP-FUME

PRODUCT INFORMATION

CHAP-FUME is a fumigant solution. When used as directed, it will arrest internal decay and control insects present in Douglas Fir, Western Red Cedar and Southern Pine. During the sterilization of the treated area, a fungitoxic residue is deposited in the cells of the wood. This residue is effective for an indefinite period. Poles known to have internal decay should be scheduled for treatment before they have decayed to the point where replacement is necessary.

USE PRECAUTIONS

READ ALL LABEL DIRECTIONS BEFORE USING. Apply this product only as specified on this label. Keep children and pets out of treated area. Keep off desirable lawns and plants. Wash contaminated hands, skin, eyes or clothing immediately upon exposure to chemical and always before eating or smoking. Use respirators, waterproof protective gloves and footwear when appropriate and required. Keep container tightly closed when not in use. Do not store near feed or food.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes skin damage. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Prolonged contact may cause severe skin irritation. Do not breathe vapor or spray mist. Use waterproof gloves, safety goggles or face shield, and protective clothing when handling. Wash hands, arms and face thoroughly with soap after handling and before eating or smoking. Wash clothing and shoes before reuse. Do not apply to food or forage. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. When applying in enclosed areas, wear a mask or respirator of a type passed by the U.S. Bureau of Mines for Metam-Sodium protection.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other 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 guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE

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

POLES

Groundline Treatment: When a pole is detected with rot or insect damage, dig the soil away from the base of the pole to a depth of 12 inches. Drill 3/4 to 7/8 inch diameter holes in each quarter of the pole at groundline and one 3/4 to 7/8 inch hole two feet above the groundline, preferably above the decay pocket. These holes should be drilled at a 45 to 65 degree downward angle. Use the Rate Table to determine the number and length of holes to hold the prescribed amount of **CHAP-FUME**. Avoid drilling across seasoning checks and knots that will cause leakage.

Plug all holes with treated wood plugs that are 1/16 inch larger in diameter than the hole. Wear impermeable waterproof protective gloves and safety goggles or face shield to avoid splashing any of the liquid **CHAP-FUME** on the skin or into the eyes.

When the **CHAP-FUME** treatment is for the control of insects, the pole should be wrapped over the treated area with 48 inch laminated kraft paper. Staple and seal the seam and top edge with 1-inch masking tape. **NO WRAPPING IS NECESSARY WHEN CONTROLLING DECAY IN POLES.** Backfill and tamp the excavated area to form a seal against the kraft paper.

Above Groundline Treatment to Control Decay: Drill 3/4 to 7/8 inch holes in a spiral pattern up the pole starting at groundline. Avoid drilling across seasoning checks and knots that will cause leakage. The holes should be drilled at a 45 to 65 degree downward angle. Space holes at least 6 inch to 1 foot vertically from each other. Use the Rate Table to determine the number and length of holes to hold the prescribed amount of **CHAP-FUME**. If rot pocket is intersected by drilling, attempt to drill holes in sound wood above and below the pocket.

In areas of the pole above the groundline that are susceptible to internal decay, drill two 3/4 to 7/8 inch diameter holes 90 degrees apart and avoid seasoning checks. Holes should be one foot apart vertically.

Before applying **CHAP-FUME** assure that no one is below you. Pour **CHAP-FUME** into the holes slowly, watching for leakage. If leakage occurs, stop pouring chemical, plug the hole and drill a replacement hole observing the one foot vertical spacing between holes. Plug all holes with treated wood plugs 1/16 inch larger in diameter than the hole.

POLE APPLICATION RATE TABLE			
Approximate Pints Per Pole CHAP-FUME	Diameter of Hole (inches)	Length of Hole (inches)*	Number of Holes**
3/4 Pint (poles with less than 30" circumference)	3/4"	10"	6
	"	12"	5
	7/8"	8"	6
	"	9"	5
1.0 Pint (poles 30" to 45" in Circumference)	"	11"	4
	3/4"	13"	6
	7/8"	10"	6
2.0 Pints (poles greater than 45" in circumference)	"	12"	5
	7/8"	18"	6

*Effective length is 2.0 inches less than shown to allow for sealing plug.
 **CHAP-FUME should be evenly divided among the holes drilled in the pole.
Note: Care should be taken not to drill through the circumference of the pole.

STORAGE AND DISPOSAL

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

STORAGE: DO NOT STORE BELOW 0 degrees F. Product crystallizes at lower temperature. Warm or store at higher temperatures and mix to redissolve crystals and assure uniformity before use.

PESTICIDES DISPOSAL: Rinsate from the containers may be applied around the bottom of the pole. Care should be taken to prevent contamination of water and desirable vegetation. 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: 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 AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Direction for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product which appear on the product label. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made.