

1022-562 PM 21

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

**NOTICE OF PESTICIDE:** REGISTRATION RENEWAL

Under the Federal Insecticide, Fungicide, and Rodenticide Act

NAME AND ADDRESS OF REGISTRANT (Section 2(b)(1))

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**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 indorsement 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.

1. The registrant is notified that this registration is being renewed for a period of 3(c)(5) years from the date of this notice. The registrant is notified that the registration is being renewed for a period of 3(c)(5) years from the date of this notice.

2. The registrant is notified that this registration is being renewed for a period of 3(c)(5) years from the date of this notice.

3. The registrant is notified that this registration No. 1022-562.

4. In the word "DANGER" delete the word "DANGER." This word is a product signal word.

5. In the word "DANGER" delete the word "DANGER" under the word "DANGER" and the word "DANGER" are given the word "DANGER" under the word "DANGER".

6. Delete the word "DANGER" to WARN!

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*[Signature]*

DATE

9/11/89

- e. Incorporate the following statements into the Hazards to Humans section:

Prolonged contact may cause severe skin irritation.  
May be fatal if absorbed through skin.

- f. Modify the Environmental Hazards statement to read:

Do not contaminate water when disposing  
of equipment washwaters.

- 3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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.

SL

Susan Lewis  
Acting Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7 05C)

Enclosure

# Chap-FUME®

A Fumigant for Controlling Decay and Insects in Wood Poles and Wood Chips

**ACTIVE INGREDIENT:**

Sodium methylthiocarbamate (Airtol 2005) .....	32.7%
INERT INGREDIENT: .....	67.3%
Contains 3.19 lbs. active ingredient per gallon	

Keep Out of Reach of Children  
**CAUTION**  
Statement of Practical Treatment

**FIRST AID**

- 1. Immediately start the procedures given below and contact a Poison Center, a physician, or the nearest hospital or the **Shawman Chemical Company at (408) 396-5400**. Report the type and extent of exposure, describe the victim's symptoms, and follow the advice given.
  - 2. On skin: Immediately flush skin with large amounts of running water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
  - 3. In eyes: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids up and to the side to flush the entire surface of the eye and lids with water. Get medical attention immediately.
  - 4. Inhaled: Remove the victim to fresh air. Clear the victim's airway and start mouth-to-mouth artificial respiration if breathing is difficult. Give oxygen, preferably with a physician's advice. Get medical attention immediately.
  - 5. If swallowed: Do not induce vomiting. Give sips of water but do not induce vomiting. If vomiting does occur, give the victim sips of water to determine if condition of patient will permit induction of vomiting. Do not give anything by mouth to an unconscious or convulsing patient.
- See SDS Panel for Additional Precautionary Statements

**DIRECTIONS FOR USE**

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

**POLES**—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 7/8 inch holes in each quarter of the pole at ground line and one 7/8 inch hole 2 foot above the ground line, preferably above the decay pocket. These holes should be at a 45° angle downward and to a depth equal to, or slightly greater than the radius of the pole. Inject equal amounts of Chap-FUME into all holes using a total of 1 pint per hole. In severely diseased poles use 2 pints per hole. Plug the holes with treated wood plugs, using the precaution of working safely goggles to avoid splashing any of the liquid Chap-FUME 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-in laminated kraft paper. Staple and seal the seam and top edge with 1-inch masking tape.

**FOR THE CONTROL OF DECAY IN POLES, NO WRAPPING IS NECESSARY.**

Backfill and tamp the excavated area to form a seal against the kraft paper. The kraft paper should be removed and disposed of, when convenient after 2 months.

**STORAGE AND DISPOSAL**

- PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal.
- STORAGE:** Do Not Store Below 0°F. Product crystallizes at lower temperatures. Warm or store at higher temperatures and mix to redissolve crystals and assure uniformity before use.
- PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- 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. PLASTIC—Triple rinse (or equivalent). 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.

**WOOD CHIPS**—Chap-FUME reduces wood fiber degradation and helps retain brightness in softwood and hardwood chips by controlling cellulose degrading bacteria and fungi. Tall oil and turpentine losses are greatly reduced because temperatures in the wood chip storage piles are held to near ambient levels for up to 30 days. Chap-FUME is a water soluble liquid. Use promptly after mixing with recommended amount of water. Do not allow solution to stand. Flush all equipment with water after use. Disassemble valves and clean carefully. Allow at least 4 weeks between treatment and processing of chips.

**RECOMMENDATIONS**

**Soaking Method**—Soak chips in 0.3% to 0.8% Chap-FUME/water solution for 15 seconds in sufficient quantity to completely cover the chips. Approximately 72 gallons of solution will be needed for each ton of oven dry wood chips. Runoff should be recycled to soaking tank after filtering. Replenish Chap-FUME solution as needed using original dilution rate.

Amount of POLE-FUME needed for Soaked solution*		
Gallons of Water	0.3%	0.8%
100 Gals.	12 ozs. (384.8 cc.)	32 ozs. (1024.8 cc.)
500 Gals.	60 ozs. (1922.4 cc.)	160 ozs. (5123.2 cc.)

**Spraying Method**—Spray 0.3% to 0.8% Chap-FUME/water solution uniformly on each ton of oven dry wood in fresh chips using a minimum of 40 gallons of solution per ton. Use sufficient number of nozzles for adequate coverage. Recycle runoff after filtering.

\*Note: Use the higher concentration if chips are dry or are to be stored for more than 3 months.

NA 1760

ACCEPTED with COMMENTS in EPA Letter Dated: 044 11 1989

REGISTERED UNDER EPA REG. NO. 22 562

**CORROSIVE**

NO NEED TELLING TO WEAR PROTECTIVE GEAR

**BEST AVAILABLE COPY**

Product is sold only in the United States. No express or implied license is granted to use or sell product in any other country except as specified: Country: United States

EPA EST. No.

PRECAUTIONS

Keep Out of Reach of Children and Skin. Avoid contact with eyes, on skin, or in confined areas. Use Occupational Safety and Health (OSHA) eye protection. Use a respirator if necessary.

This product is highly flammable. Avoid contact with skin, eyes, or clothing. In case of fire, use appropriate fire extinguisher.

**POLES**—Chap-FUME is highly flammable. If used in a confined space, ventilation is required. If used in a confined space, use appropriate fire extinguisher. Poles known to be infested should be treated before they are used.

**WOOD CHIPS**—Chap-FUME is highly flammable. Avoid contact with skin, eyes, or clothing.

**READ ALL DIRECTIONS** specified on this label. Do not use if directions are not followed.

**WARNING**

Proper application of this product is essential. Chap-FUME is a highly flammable liquid. Avoid contact with skin, eyes, or clothing. Use appropriate fire extinguisher.

**PRECAUTIONS**—KEEP OUT OF REACH OF CHILDREN. THIS PRODUCT IS EXTREMELY FLAMMABLE. Avoid contact with skin, eyes, or clothing. Use appropriate fire extinguisher.

CHAP-FUME