

ACTIVE INGREDIENT:
Sodium MethylDithiocarbamate (Anhydrous) 32.7%*
INERT INGREDIENT: 67.3%
TOTAL 100 %

*Contains 3.18 lbs. active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING STATEMENT OF PRACTICAL TREATMENT

FIRST AID - Immediately start the procedures given below and contact a Poison Center, a physician, or the nearest hospital or call Chapman Chemical Company at (801) 386-6157. Report the type of exposure, describe the victim's symptoms, and follow the advice given.

IF 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.

IF IN EYES: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Get medical attention immediately.

IF INHALED: Remove to fresh air. If not breathing, 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.

IF SWALLOWED: Immediately give several glasses of water, but do not induce vomiting. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

SEE RIGHT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

NA 1788
(Contains sodium Methyl Dithiocarbamate)
(RHO: Corrosive Liquid, H.O.S., UN 1788)



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

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 5/16 inch holes in each quarter of the pole at ground line and one 5/16 inch hole 2 feet above the ground line, preferable above the cavity pocket. These holes should be at a 45 degree 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 severe, diseased poles use 2 pints per hole.

Plug the holes with treated wood plugs, using the precaution of wearing safety 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 inch 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.

Seal 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 degrees 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 bin incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Weed Chips - CHAP-FUME reduces wood fiber degradation and helps retain brightness in softwood and hardwood chips by controlling cellulose degrading bacteria and fungi. Tail 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. Repeatish CHAP-FUME solution as needed using original dilution rate.

AMOUNT OF CHAP-FUME NEEDED FOR DESIRED SOLUTION*		
Gallons of Water	0.3%	0.8%
100 Gallons	1.2 qts. (38.4 fl. oz.)	3.2 qts. (102.4 fl. oz.)
500 Gallons	6 qts. (192 fl. oz.)	16 qts. (512 fl. oz.)

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 dirty or are to be stored for more than 3 months.

Pressure Treating Wood - Use Chap-Fume with an Empty Cell process in the initial of dual treatments to treat timbers, poles, plywood, and other wooden items to assure protection from attack by wood destroying insects, decay fungi, and mildew. Treated wood may typically used for decks, buildings, fences, poles, etc.

Dilute Chap-Fume to about a 1% concentration in water in order that net sodium methylthiocarbamate concentrations will range from 0.08 to 0.38 lbs/cubic feet.

If desired, compatible fire retardant salts can be added to the treating solution to produce fire retardant wood.

Use buffering agents such as soda ash to maintain a pH above 9.0 in the treating solution. Do not allow the pH of the treating solution to drop below 9.0, because toxic and inflammable decomposition products may develop.

Do not enter the treatment cylinder after treatments until it has been purged with air. Alternately, a face mask with separate air supply may be used.

Protect the Chap-Fume treated wood from leaching until it can be treated with an approved copper preservative. Do not allow more than seven days to elapse before the copper treatment.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

KEEP OUT OF REACH OF CHILDREN

Harmful if inhaled or swallowed. Irritating to eyes, nose, throat and skin. Avoid breathing vapor or spray mist. Prolonged contact may cause severe skin irritation. May be fatal if absorbed through skin. Do not get in eyes, on skin, or clothing. In case of contact, immediately remove contaminated clothing. When applying in enclosed areas, use a respirator approved by the National Institute for Occupational Safety and Health (30 CFR Part 11 Subpart M) for protection against pesticide inhalation. If eye irritation occurs, use a full-face respirator. Do not store near food or feed. Keep children and pets out of treated areas.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwater. Apply this product only as specified on the label. In case of emergency - Immediately call CHAPMAN CHEMICAL COMPANY at (801) 386-6157.

PRODUCT INFORMATION

POLES - 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 this 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.

WOOD CHIPS - CHAP-FUME reduces fiber degradation, retains brightness, and reduces loss of tail oil and turpentine.

USE PRECAUTIONS

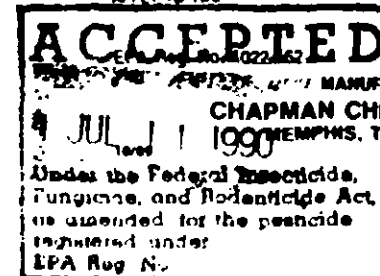
READ ALL DIRECTIONS BEFORE USING. Apply this product only as specified on this label. Keep children and pets away during pole treatment. Do not store near food or feed. Keep container tightly closed when not in use. This product is toxic to fish. Apply only as specified on this label.

WARRANTY STATEMENT AND DISCLAIMER

Proper application is critical to the effectiveness of the product; however, when applied and used according to this label, CHAP-FUME is capable of protecting wood under the conditions described above. The performance 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, COMPLY WITH ALL DIRECTIONS AND WARNINGS GIVEN, AND USE COMMON SENSE IN HANDLING.

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