

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS
DANGER**

May be fatal if swallowed, inhaled or absorbed through skin. Causes skin and eye irritation. Causes delayed chemical burns. Do not get in eyes, on skin or on clothing. Do not breathe vapors, spray mist or dust. Use with adequate ventilation. Do not take internally. Wash thoroughly after skin contact, before eating, drinking, use of tobacco products, or using restrooms. The U.S. EPA has determined that pentachlorophenol can produce birth defects in the offspring of laboratory animals. Exposure to pentachlorophenol during pregnancy should be avoided.

FOR POWDER FORMULATIONS OF PENTACHLOROPHENATE: Until August 31, 1987, a closed emptying and mixing system must be used or protective clothing (including respirator, gloves, and long sleeved shirts and long pants or disposable coveralls) must be worn when emptying and mixing powder formulations of pentachlorophenolate. After September 1, 1987, a closed system must be used when emptying and mixing powder formulations of pentachlorophenolate. A closed system is defined as any containment which prevents the release of subject chemicals into the surrounding external environment, except the release of incidental amounts of chemical during equipment loading and periodic clean-out or maintenance operations shall not be deemed a breach of containment.

FOR THE SPRAY METHOD OF APPLICATION: Spray apparatus must (1) be operated so as to minimize overspray (i.e., no visible mist) and (2) be free of leaks in the system. Should there be a visible mist, spray applicators in the vicinity of the spray apparatus (the zone in which the mist is visible must wear a respirator and protective clothing, (including overalls, jacket, gloves, boots, and head covering) impervious to the wood treatment formulation, and goggles. Individuals who enter, clean, or repair vats, tanks or related equipment that is contaminated with the treatment solution must wear overalls, jackets, boots, head covering impervious to wood treatment formulation, and goggles. Applicators must wear gloves impervious to the wood treatment formulation in all situations where dermal contact is expected (for example, during the actual application process and when handling freshly treated wood). Protective clothing must be changed when it shows signs of contamination. Launder separately from other household clothing. Dispose of worn-out protective clothing and workshoes or boots in any general landfill, in the trash, or in any other manner approved for pesticide disposal. Applicators must not eat, drink, or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation.

NOTE TO USER: As used on this label, the term "respirator" means properly fitting, well maintained, half-mask canister or cartridge respirators which are MSHA/NIOSH approved for polynuclear and organic vapors. Examples of acceptable materials for protective clothing (e.g., gloves, overalls, jackets, and boots) required during application and handling of pentachlorophenolate are polyvinyl acetate (PVA), polyvinyl chloride (PVC), neoprene, and NBR (Buna-N).

RESTRICTED USE

For sale to and use only by certified applicators or by persons under their direct supervision and only for those uses covered by the certified applicators certification.

CHEMTOX-S

**SODIUM PENTACHLOROPHENATE TECHNICAL
ANTIMICROBIAL FOR MANUFACTURING USE ONLY
Controls Bacteria and Fungi in Industrial Applications**

INGREDIENT STATEMENT

ACTIVE INGREDIENTS:
Sodium Pentachlorophenolate..... 79.0%
Sodium Salts of Other Chlorophenols... 11.0%
INERT INGREDIENTS..... 10.0%
TOTAL..... 100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER
STATEMENT OF PRACTICAL TREATMENT**

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
IF IN EYES: Flush with plenty of water. Get medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF INHALED: Remove victim to fresh air. Get medical attention.
NOTE TO PHYSICIAN: This product is a metabolic stimulant. Causes hyperthermia. Treat symptomatically.
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**MANUFACTURED FOR
CHEMWOOD CORPORATION
MEMPHIS, TENNESSEE 38109
EPA Reg. No. 15146-3 EPA Est. No. 1022-TN-1**

NET CONTENTS _____

DIRECTIONS FOR USE

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

LUMBER USES:

Best results in control of sap stain and mold on softwoods and hardwoods will be obtained if the lumber is dipped within 24 hours of cutting. If the lumber is not treated within 24 hours, interior staining may develop.

For lumber 2 inches or less in thickness, dissolve 5 pounds of Chemtox-S in 60 to 100 gallons of water. For thicker lumber dissolve 10 pounds of Chemtox-S in 100 gallons of water. The solution should be carefully prepared in a separate mixing tank and then run into the dipping vessel. After adding the dry chemical to the water in the mixing tank the solution should be stirred until all solids have been dissolved. In order to insure best results, the dipping solution tank must be protected from over dilution by rain. The treated lumber should not be allowed to remain unprotected in heavy rains, especially just after dipping. Lumber piles should be roofed, and adequate space should be left between boards and piles. Unseasoned or infected lumber should not be used for stickers.

COOLING WATER SLIME CONTROL

Cooling water systems should be cleaned of slime and debris before starting chemical treatment. Control of slime formation will be achieved by first establishing control with a Chemtox-S concentration of 80 ppm by adding 12 ounces of Chemtox-S for each 1,000 gallons of water in the system. Thereafter the concentration of Chemtox-S must be maintained at 40 ppm by addition of 3 ounces of Chemtox-S for each 1,000 gallons of water each week or as needed. Also Chemtox-S additions are required to be made at the rate of 6 ounces for each 1,000 gallons of fresh water added to the system. While concentrations of as low as 20 ppm may be adequate for control of algae and fungi, such a minimum concentration should be avoided to prevent the development of resistant strains of any microbial organisms which are present.

PULP AND PAPER SLIME CONTROL

Chemtox-S is effective when employed at the rate of 0.4 to 1 pound per ton of product produced and resulting in a concentration of 40 ppm. To prevent the development of resistant strains of microbial organisms the concentration should be increased to 80 ppm about once a week. Applications may be made at the grinders, beaters, water receiver or any other location where the greatest sliming tendency exists.

ACCEPTED

MAR 12 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 15146-3

ENVIRONMENTAL

This product is toxic to fish and water. Do not apply where runoff when weather conditions favor or contaminate water by cleaning of

PHYSICAL AND CHEMICAL

Do not use or store near heat or after each use.

STORAGE AND HANDLING

PROHIBITIONS: Do not contaminate storage or disposal.
PESTICIDE DISPOSAL: Pesticide disposal of excess pesticide, spillage, or violation of Federal law. If these by use according to label instructions. Pesticide or Environmental Control Waste representative at the nearest guidance.
CONTAINER DISPOSAL: Completely empty tapping sides to loosen clinging material. application equipment. Then dispose of by incineration, if allowed by

NOTICE

Neither the manufacturer nor the representation of warranty, express or implied, other than indicated on responsible in any manner for any damage or other type of loss resulting from handling, storage or use of this material on these conditions.