

**PRECAUTIONARY STATEMENT
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 defects in the offspring of laboratory animals. Exposure to pentachlorophenol during pregnancy should be avoided.

For Filled or Flaked Formulations of Pentachlorophenol: 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 pentachlorophenol. After September 1, 1987, a closed system must be used when emptying and mixing powder formulations of pentachlorophenol. A closed system is defined as any containment which prevents the release of subject chemicals into the surrounding external environment, except that release of incidental amounts of chemical during equipment loading and periodic clean-out or maintenance operations shall not be deemed a breach of containment.

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 (e.g., manually opening/closing cylinder doors, moving trays out of cylinders, mixing chemicals and handling freshly treated wood).

Applicators must wear gloves impervious to the wood treatment formulation in all situations where dermal contact is expected (e.g., handling freshly treated wood and manually opening cylinder doors).

Individuals who manually open cylinder doors must wear gloves and a respirator.

Individuals who enter pressure treatment cylinders and other related equipment that is contaminated with the wood treatment formulation (e.g., cylinders that are in operation or are not free of the treatment solution) must wear protective clothing (including overalls, jackets, gloves, and boots) impervious to the wood treatment formulation, and a respirator.

Protective clothing must be changed when it shows signs of contamination. Launder non-disposable protective clothing separately from other household clothing. Wash out protective clothing and workshoes or boots must be left at treatment plant and disposed of in any general landfill, in the trash, or in any other manner approved for pesticide disposal.

**MANUFACTURED BY
CHAPMAN CHEMICAL COMPANY
MEMPHIS, TENNESSEE 38109**

EPA Reg. No. 1022-515

EPA Est. No. 1022-TN-1

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.

**PENTA EMULSIFIABLE
CONCENTRATE-32
WOOD PRESERVATIVE**

**FOR USE BY COMMERCIAL WOOD TREATING
ESTABLISHMENTS IN TREATMENT OF POLES,
POSTS, CROSSARMS, LUMBER AND TIMBER
PRODUCTS.**

INGREDIENT STATEMENT

ACTIVE INGREDIENTS:	
Pentachlorophenol	27.50%
Other Chlorinated Phenols	3.20%
INERT INGREDIENTS	
	69.30%
TOTAL	100.00%

*Equivalent to 32.0% pentachlorophenol, technical

**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

STORAGE AND DISPOSAL

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

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.

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.

Reg. # 1022-515

ACCEPTED
MAR 14 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No. 1022-515

NOTE TO USER: As used on this label, the term "respirator" means properly fitting, well maintained, half-mask canister or cartridge respirators which are NIOSH/MSHA approved for polynuclear and organic vapors. Examples of acceptable materials for protective clothing (e.g., gloves, overalls, jackets, and boots) require dummy application and handling of pentachlorophenol are polyvinyl acetate (PVAc), polyvinyl chloride (PVC), neoprene, NBR (Buna-N), and nitrile. In addition, plastic coated disposable coveralls impervious to dust are acceptable for dust protection.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Do not store near heat or open flame. Close container after each use.

DIRECTIONS FOR USE

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

This product must be diluted with 1% ammonia water before using and the correct procedure requires that the Penta Emulsifiable Concentrate be added to the center of the tank or water while it is being agitated. If a mixing device is not available, vigorously pumping the solution from the bottom to top is satisfactory. Pentachlorophenol emulsions tend to separate if retained for long periods without agitation. Therefore mixing before using is always the best policy. Protect diluted emulsion from freezing.

Materials for treatment shall be conditioned by air-seasoning, kiln drying, steaming, etc. For best results, the charge should consist of a single species of uniform size and moisture content with the pieces properly separated from each other to assure contact of all surfaces by the treating solution. All cutting and boring should be done prior to treatment to avoid the need to treat subsequently exposed surfaces.

Using an emulsion containing 1 to 10% pentachlorophenol the pressure treatment can be accomplished by the full cell process for maximum preservative retention or by either empty cell process, the Lowery process (emulsion introduced at atmospheric pressure) or the Ruepping process (pressure with air prior to introduction of the emulsion). In all cases the pressure is maintained until the desired volumetric injection has been obtained.

Surface protection can be achieved by dipping posts in a 5 to 10% pentachlorophenol emulsion for a minimum of 15 minutes, thereby providing some penetration into ends and checks. This method generally provides only a minimum increased service life.

NOTICE

Neither Chapman Chemical Company nor the seller makes any representation or warranty, express or implied, concerning the use of this material, other than indicated on the label. Neither shall be held responsible in any manner for any personal injury or property damage of other type of loss resulting from improper handling, storage or use of this material. The buyer accepts and uses this material on these conditions.