

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

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 apparatus (the zone in which the mist is visible) must wear a respirator and protective clothing (including overalls, jackets, 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 a respirator. In addition, where dermal contact is expected, these individuals must wear overalls, jackets, boots, head covering impervious to the 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 application process and when handling freshly treated wood).

Protective clothing must be changed when it shows signs of contamination. Launder non-disposable protective clothing 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-mesh canister or cartridge respirators which are MSHA/NIOSH approved for polynuclear aromatics and organic vapors. Examples of acceptable materials for protective clothing (e.g., gloves, overalls, jackets, and boots) required during application and handling of pentachlorophenol are polyvinyl acetate (PVA), polyvinyl chloride (PVC), neoprene, and NBR (Buna-N).

**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.

**RESTRICTED USE**

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

**PERMATOX 181**  
**CONCENTRATE FUNGICIDE FOR CONTROL OF**  
**BLUE STAIN AND MOLD IN FRESH CUT**  
**LUMBER AND TIMBER**

**INGREDIENT STATEMENT**

**ACTIVE INGREDIENTS**

Sodium Pentachlorophenate	21.35%
Sodium Salts of other chlorinated phenols	2.46%
<b>INERT INGREDIENTS</b>	<b>76.16%</b>
<b>Total</b>	<b>100.00%</b>

**CONTAINS METHANOL**

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

EPA Reg. No. 1022-481

EPA Est. No. 1022-TN-1

**NET CONTENTS \_\_\_\_\_ GALLONS**

**ACCEPTED**

**MAR 14 1986**

Under the Federal Fungicide, and Herbicide Act, as amended, this pesticide registered under EPA Reg. No. 1022-481

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or 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.

Permatox 181 is a concentrated liquid product readily miscible with water. It may be mixed with water by ordinary means or through the CHAPMAN SURE-MIX proportioning device or dispenser. When mixing a batch of Permatox 181 solution by ordinary means it is best to add part of the water to mixing tank, then add the measured amount of Permatox 181 and follow with the balance of the water, rinsing out the measuring container into the mixing tank.

Delayed treatment may allow interior stain to develop, so lumber should be treated within 24 hours of cutting by a dip or spray application of Permatox 181. Freshly treated lumber should be protected from rain. Dipping tanks should also be protected from over-dilution by rainfall and sawdust should be raked out daily.

Approved stacking practices should be employed with adequate space between boards and stacks. Green lumber or infected wood should not be used for stickers. The bottoms of the stacks should be well above the ground with weeds and debris kept away from stacks.

For lumber 2 inches or less in thickness, combine 1 gallon of Permatox 181 with 100 gallons of water. For thicker lumber or timbers or bundled lath or shook, or under unusually severe or lengthy periods or conditions favorable to sapstain and mold development, combine 1 gallon of Permatox 181 with 30 to 50 gallons of water. A dip of 15 seconds or more is sufficient.

**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 rinseate 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.

**NOTICE**

Neither Chapman Chemical Company nor the seller makes any representation of 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 or other type of loss resulting from the improper handling, storage or use of this material. The buyer accepts and uses this material on these conditions.