



RESTRICTED USE PESTICIDE

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

1 of 2
pm 1
1022-520

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

May be irritant if swallowed, inhaled, or absorbed through skin. Causes skin and eye irritation. Causes delayed chemical burns. Do not get clothes, shoes, or car clothing dry. Do not breathe vapors or spray mist. Use with adequate ventilation. Do not take internally. Wash thoroughly after skin contact. For eating, drinking, or applying products, use using restrooms.

The U.S. EPA has determined that pentachlorophenol and products derived from the offspring of laboratory animals exposed to pentachlorophenol during pregnancy should be avoided.

Applicators must not eat, drink, or use tobacco products during those parts of the application process that may expose them to the wood treatment formulations, i.e., manually opening cylinders, connecting hoses, mixing drums, or 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, i.e., 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 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 a treatment plant and disposed of in any general landfill or the trash, or in any other manner approved for pesticide disposal.

NOTE TO USER: As used on this label, the term "respirator" means a properly fitting, well-maintained, half mask, canister or cartridge respirators which are MSHA/NIOSH approved for organic vapors and acid gases. 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, NBR (Buna-N) and nitrile.

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.

PENTA EMULSION-5

Ready-to-Use
WOOD PRESERVATIVE
EXTERIOR USE ONLY

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

INGREDIENT STATEMENT

ACTIVE INGREDIENTS

Pentachlorophenol 4.47%*

Other chlorinated phenols 0.52%

INERT INGREDIENTS 95.01%

TOTAL 100.00%

*Equivalent to 5.2% pentachlorophenol technical

Penta Emulsion 5 weighs approximately
8.4 lbs. per gallon

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. Call a physician.

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

EPA Est. No. 1022-TN-1

EPA Reg. No. 1022-520

MANUFACTURED BY

CHAPMAN CHEMICAL COMPANY
MEMPHIS, TENNESSEE 38109

NOT REVIEWED

In Accordance with PR Not
Based on D. ...

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PENTA EMULSION-5

Ready-to-Use

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EXTERIOR USE ONLY**

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**SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

EPA Est No 1022-TN-1 EPA Reg No 1022-520

MANUFACTURED BY

**CHAPMAN CHEMICAL COMPANY
MEMPHIS, TENNESSEE 38109**

DIRECTIONS FOR USE

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

This product is a ready-to-use solution. Do not dilute before use. Materials for treatment should be conditioned by air seasoning, air 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 treatment solution. All cutting and planing should be done prior to treatment to avoid the need to treat subsequently exposed surfaces.

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 (pressurized 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 for a minimum of 15 minutes thereby providing some penetration into ends and checks. This method generally provides only a minimum increased service life.

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.

WARRANTY STATEMENT AND DISCLAIMER

Proper application is critical to the effectiveness of the product, however, when applied and used according to this label PENTA EMULSIFIABLE CONCENTRATE-5 is capable of protecting wood under the conditions described. The actual life 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.

DANGER: READ LABEL THOROUGHLY AND COMPLY WITH ALL DIRECTIONS AND WARNINGS GIVEN, AND USE COMMON SENSE IN HANDLING.

CHAPMAN MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED OTHER THAN AS SET FORTH ON THIS LABEL, AND CHAPMAN DISCLAIMS ANY IMPLIED WARRANTY OR MERCHANTABILITY NOT SPECIFICALLY SET FORTH ON THIS LABEL. CHAPMAN SHALL NOT BE RESPONSIBLE FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR OTHER TYPE OF LOSS RESULTING FROM FAILURE TO FOLLOW THE DIRECTIONS FOR USE, WARNINGS AND PRECAUTIONARY LANGUAGE GIVEN ON THIS LABEL. CHAPMAN SHALL NOT BE RESPONSIBLE FOR DAMAGE TO PROPERTY BEYOND THE PURCHASE PRICE OF THIS PRODUCT; HOWEVER, SOME STATES DO NOT ALLOW THE INCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU.

NOT REVIEWED

Printed in USA

In Accordance with Notice 82-2,
Based on Draft Labeling Dated 3/14/81

BEST AVAILABLE COPY

**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 Prilled 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. Worn 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. 1022-520 EPA Est. No. 1022-TN-1
NET CONTENTS _____ GALLONS

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INGREDIENT STATEMENT

ACTIVE INGREDIENTS:	
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Other Chlorinated Phenols	0.52%
INERT INGREDIENTS 95.01%	
TOTAL	100.00%

*Equivalent to 5.2% pentachlorophenol, technical

ACCEPTED
MAR 14 1988
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1022-520

**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. # 1022-520

P 11121

NOTE TO USER: As used on this label, the term properly fitting, self-maintained, self-cleaning, and ridge respirators which are NIOSH approved and organic vapors. Examples of acceptable protective clothing (e.g., gloves, overalls, and boots) required during application and handling of product are polyvinyl acetate (PVA), polyvinyl chloride (PVC), polyethylene (PE), and nitrile. In addition, plastic coveralls impervious to dust are acceptable.

ENVIRONMENTAL HAZARD

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

PHYSICAL AND CHEMICAL

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a ready to use solution. Do not dilute. Materials for treatment shall be conditioned (e.g., kiln drying, steaming, etc. For best results, the material should consist of a single species of uniform size and shape with the pieces properly separated from each other to insure contact of all surfaces by the treating solution. Boring should be done prior to treatment to a depth of 1/4 inch. Treat subsequently exposed surfaces. The pressure treatment can be accomplished by the vacuum process for maximum preservative retention (e.g., empty cell process, the Lowery retention (emulsion) process, atmospheric pressure) or the Ruepping process (e.g., air prior to introduction of the emulsion). In the vacuum process, pressure is maintained until the desired volume has been obtained. Surface protection can be achieved by dipping for a minimum of 15 minutes, thereby providing some protection into ends and checks. This method generally provides a minimum increased service life.

NOTICE

Neither Chapman Chemical Company nor its representatives make any representation of warranty, express or implied, in connection with the use of this material, other than indicated on the label. The user shall be held responsible in any manner for any loss or property damage or other type of loss resulting from improper handling, storage or use of this material. Chapman Chemical Company accepts no responsibility for the use of this material on these conditions.