

PM 21 1002-438

MAR 27 1996

IBC Manufacturing Company
 c/o Sangeeta V. Khattar
 5966 Heisley Rd.
 Mentor, OH 44060

Dear Ms. Khattar:

Subject: Permatox Penta - Label Amendment
 EPA Registration No. 1022-438
 Your Application Dated October 27, 1995

The Agency has reviewed the label amendment and Confidential Statement of Formula(CSF) you submitted in connection with the subject pesticide registration and found chem to be acceptable provided you make the label changes outlined below:

1. Under "Restricted Use Pesticide", change to "For retail sale" (Refer to 40 CFR 156.10(j)(2)(i)(B)).
2. Under "Wood Preservative Uses", add "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.), following the second paragraph.
3. Under "For Prilled or Flaked Formulations", delete "After September 1, 1987." Since this date has already passed, it is no longer relevant.

The label for one of the source products on the CSF dated 10/27/95, KMG-B Penta OL Technical Penta, EPA Registration No. 61483-3, prohibits "the use of the product in the manufacture or formulation of other pesticide products or in repackaging of the product." Therefore, the CSF which indicates that the subject product is a repack of 61483-3 is not acceptable. Therefore, the CSF of record for this product is dated 8/21/95 and shows it as a repack of Vulcan's pentachlorophenol, EPA Reg. No. 5382-16.

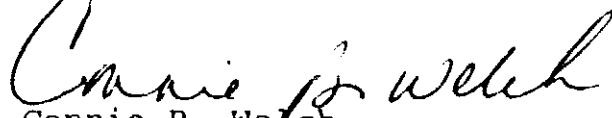
CONCURRENCES

SYMBOL ▶	7505r							
SURNAME ▶	S. Jackson							
DATE ▶	Mar 28, 1996							

A stamped label, accepted with comments, is enclosed for your record. Submit five(5) copies of the final printed labeling.

If you have any questions regarding this matter, please feel free to contact me or Sidney Jackson of my staff at 703/305-7610.

Sincerely yours,



Connie B. Welch
Product Manager, Team 21
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

308

Net Contents:

Batch No.

RESTRICTED-USE PESTICIDE: This product has been determined to cause tumors and fetal toxicity in laboratory animals. 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.

PERMATOX® PENTA
PENTACHLOROPHENOL (Technical) WOOD PRESERVATIVE

**PREVENTS FUNGAL ROT AND ATTACK BY SUBTERRANEAN
TERMITES, POWDER POST BEETLES AND CARPENTER ANTS**

FOR FORMULATING, REPACKAGING, AND COMMERCIAL-END USES

Ingredient Statement

Active Ingredients:	
Pentachlorophenol.....	86.00%
Other Chlorinated Phenols.....	10.00%
Inert Ingredients:	4.00%
TOTAL:	100.00%

Registrant has complied with all terms and conditions of the registration governing the composition of this product as approved by the United States Environmental Protection Agency under Section 3 of the Federal Insecticide, Fungicide, and Rodenticide Act.

EPA Reg. No. 1022-438

EPA Est. No. 1022-TN-1

KEEP OUT OF REACH OF CHILDREN
DANGER (Skull & Crossbones) POISON

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash immediately with soap and water. Wash thoroughly with soap and water after handling.

IF IN EYES: Flush with water for at least fifteen (15) minutes and contact a physician.

IF INHALED: Remove victim to fresh air. Get medical attention.

NOTE TO PHYSICIAN: This product is a metabolic stimulant. Treatment is supportive. Forced diuresis may be effective to reduce total body burden. Treat hyperthermia with physical measures. Do not administer aspirin, phenothiazines, or atropine, since they may enhance toxicity.

See back panel for additional precautions.

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 27 1996

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

IBC Manufacturing Company
416 East Brooks Road
Memphis, TN 38109

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 either the dry material or solution prepared from it 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. 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.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless and in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and that the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying a local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Close container after each use. In case of fire, use water spray, foam CO₂, or dry chemical. Plants or shrubs should be removed with 3 feet of treatment or protected with tar paper. Treated sawdust and other wood waste should not come in contact with domestic animals or be used so they may come in contact with useful living plants.

RECOMMENDED USES

PERMATOX PENTA is a recommended treatment for utility poles, crossarms, crossies, timbers, posts, pilings, lumber, fencing, porches, shingles, trellises, steps, furring strips and arbors. **PERMATOX PENTA** may be used to treat wood intended for exterior above ground and marine uses. **PERMATOX PENTA** should not be used on wood products intended for interior use, nor should it be used on logs intended for construction of log homes.

This product is intended for exterior use. This product is not intended for home and farm use. This product must not be used for pressure or dip treating logs used in the construction of log homes except laminated beams or building components which are in ground contact and are subject to decay or insect infestation and where two coats for an appropriate sealer are applied. Urethane, shellac, latex, epoxy, enamel and varnish are acceptable seals for pentachlorophenol treated wood.

1007

DIRECTIONS FOR USE

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

Use of this product for any purpose other than those stated on the label is prohibited. PERMATOX PENTA may be repackaged or used as a source of technical pentachlorophenol in the formulation of other wood preservative products by pesticide registrants who have complied with all terms and conditions of the registration governing the composition of their product as approved by the United States Environmental Protection Agency (EPA) under Section 3 of the Federal Insecticide, Fungicide and Rodenticide Act.

PERMATOX PENTA technical grade pentachlorophenol may be used by commercial wood treating establishment and wood preservative formulators to manufacture pentachlorophenol wood preservative solutions.

Solutions prepared from this product are for exterior use only. Do not use this product for preparation of solutions intended for home and farm use. Do not use on picnic table, children's playground structures or horticultural lumber. Do not apply to logs used in construction of log homes. Do not use treated wood in farm buildings in area contacted by farm animals or in structures to contain animal feed or agricultural produce. Products treated with or containing this chemical are not to be used in food packaging material or in areas where food is processed, handled or stored.

Manufacturers and formulators must use appropriate protective clothing and respiratory equipment at any time where employees may be exposed to pentachlorophenol.

Note: Because of their properties and intended uses, formulated wood preservative products containing PERMATOX PENTA may require precautionary labeling different from that given on this label. Formulators should develop their own use and precautionary labeling, based upon the properties and intended uses of their finished formulations and in accordance with all pertinent laws and regulations.

WOOD PRESERVATIVE USES

PERMATOX PENTA is used for the preparation of fungicidal and insecticidal solutions. Recommended concentrations for such solutions vary according to the end users and methods of applying solutions to obtain the desired efficacy. This product is intended for commercial use only for the preparation of wood preservation formulations must be dissolved before use.

Solutions produced from PERMATOX PENTA may be applied via extended soaking, hot and cold bath (*thermal treatment*), vacuum treatment or pressure treating. Solution strength will depend on the intended method of application, and should be designed to result in retention and penetration requirements described in the American Wood Preserver's Association (AWPA) Book of Standards, available from AWPA at P.O. Box 286, Woodstock, MD 21163-0286.

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

Individuals who enter, clean or repair pressure treatment cylinders, vats, tanks or other related equipment that is contaminated with wood treatment formulation must wear a respirator, goggles, and protective clothing (including overalls, jackets, gloves, boots, and head covering) impervious to the wood treatment formulation.

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 trams out of cylinders, mixing chemicals, and handling freshly treated wood).

) Protective clothing must be changed when it shows signs of contamination. Applicators must leave all protective clothing, and workshoes or boots, and equipment at the plant. Worn out protective clothing, and workshoes or boots must be left at the plant and disposed of in any landfill, in the trash, or in any other manner approved for pesticide disposal.

For Pilled or Flaked 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 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.

) 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 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. In addition, plastic-coated disposable coveralls impervious to dust are acceptable for dust protection.

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.

STORAGE AND DISPOSAL

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

STORAGE. PERMATOX PENTA should be stored in a dry, well-ventilated secure area in proper containers. Do not store penta solutions near sources of heat or near open flames. If package becomes ripped or punctured, apply tape to seal and prevent spillage. If a spill of dry product occurs, sweep up cautiously to avoid stirring up dust. Wear a respirator at all times. Do not store in an area where product can come into contact with foods, feeds or potable water.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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: Completely empty drum or liner into application equipment. 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. For guidance, contact the nearest EPA regional office or State Agency authorized to administer the Resource Conservation and Recovery Act (RCRA).

WARRANTY STATEMENT AND DISCLAIMER

Proper application is critical to the effectiveness of the product, however, when applied and used according to this label, PERMATOX PENTA 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. Neither IBC Manufacturing Company nor the Seller makes any representative of warranty, express or implied, concerning the use of this material, other than as set forth on this label, and IBC Manufacturing Company any implied warranty or merchantability not specifically set forth on this label. IBC Manufacturing Company 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 IBC Manufacturing Company 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 consequential damages, so this limitation may not apply to you.