

16-JUL-2003

KMG-B  
PENTA OL

***Technical Pentachlorophenol***

**COMMERCIAL**

For use ONLY in the preparation and manufacture of industrial wood preservation treating solutions, which are to be used only at pressure and thermal wood preservation treatment facilities.

**FOR INDUSTRIAL USE ONLY**

Harmful or fatal if swallowed or inhaled

DANGER POISON

IRRITANT

CORROSIVE TO EYES AND SKIN

**READ THE LABEL BEFORE USING**

**GUARANTEE**

Active ingredients ..... 96%  
    pentachlorophenol ..... 86%  
    other chlorinated phenols  
    and other related compounds ..... 10%

REGISTRATION NUMBER: 21803 PEST CONTROL PRODUCTS ACT

Net Contents \_\_\_ kilograms

1996/1997 SN

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<b>OPERATOR FUNCTIONS</b>	<b>CORRESPONDING RELATIVE EXPOSURE POTENTIAL</b>	<b>PROTECTIVE REGIME</b>
Operations carried on <b><u>inside treatment cylinders</u></b>	<b>HIGH</b>	Self-contained breathing apparatus with full face piece or supplied air respirator and full face piece. Coveralls and impervious gauntlets (long sleeve gloves), impervious apron, head gear and impervious boots.
Operations carried on <b><u>outside treatment cylinders</u></b> that entail opportunity for direct exposure to pentachlorophenol e.g. a) transfer of pentachlorophenol and preparation of treating solutions; b) cleaning/maintenance activities; c) opening cylinder after treatment; d) charging thermal tanks.	<b>MEDIUM</b>	Half-mask cannister or cartridge-type respirator approved for organic vapors and acid gases in combination with a dust, mist and fume filter. Coveralls, chemical goggles or face shield, impervious gauntlet (long sleeve gloves), impervious apron, head gear and impervious boots.
Handling treated wood	<b>LOW</b>	Wear a respirator if treated wood is handled in enclosed areas, or when freshly treated wood is above ambient temperature. Coveralls, impervious gloves, and impervious boots.

USE PROTECTIVE CLOTHING MADE FROM THE FOLLOWING MATERIALS  
Viton, neoprene, butyl rubber, nitrile, polyvinyl chloride, polyvinyl acetate.

#### **FIRST AID TREATMENT**

If swallowed- Call a physician or poison control centre **IMMEDIATELY**. 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.

**TOXICOLOGICAL INFORMATION:** 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. Chemical burns can result from eye contact or prolonged skin contact.

**SYMPTOMS OF EXPOSURE:**

**EYES:** Severe irritation. May cause irreversible eye damage on prolonged contact.  
**SKIN:** May be fatal if absorbed through the skin. Causes skin burns on prolonged or repeated contact. May cause contact dermatitis.  
**INGESTION:** May be fatal if ingested. May cause weakness, excessive sweating, headache, dizziness, nausea, vomiting and difficulty breathing.  
**INHALATION:** May be fatal if inhaled. May cause sneezing, weakness, excessive sweating, headache, dizziness, nausea, vomiting and difficulty breathing. May cause irritation to upper respiratory tract.

**PRIMARY ROUTES OF ENTRY: Skin, Eyes, Inhalation.** Medical Conditions Generally Aggravated by Exposure: Acute or chronic kidney or liver disease, asthma, bronchitis, chronic acne and other skin conditions.

**NOTICE TO USER:** This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

**PRODUCT LIMITATIONS:** For use ONLY in the preparation and manufacture of industrial wood preservation treating solutions, which are to be used only at pressure and thermal wood preservation treatment facilities. To be used only in the formulation of industrial treatment solutions at industrial treating facilities for the treatment of:

1. railway ties,
2. utility poles and pilings,
3. outdoor construction materials.

**TREATED WOOD LIMITATIONS:** Working solutions should be used only for treatment of wood having NO opportunity for:

1. direct contact with, or becoming a deleterious component of drinking water.
2. use in
  - (a) residential construction,
  - (b) food/feed storage/production or animal housing,
  - (c) playground equipment.
3. prolonged skin contact.

**DIRECTIONS FOR USE: Post a copy of this label at the treating site, and all other sites** where workers may be exposed to pentachlorophenol. Ensure that all transfer and mixing of

pentachlorophenol solutions occurs through closed systems. For further information on the exact equipment and configurations required, please contact the chemical manufacturer.

Apply at rates prescribed in Canadian Standards Associations, .080 Standard or similar national or international standard to achieve penetration and retention levels required. Pressure treatment of wood with this product provides protection against wood decay, fungi and insects.

**PREPARATION:** Brand and machine wood prior to treatment.

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Toxic if swallowed. May cause severe skin or eye irritation. Avoid contact with skin, eyes and clothing. Wear gloves impervious to pentachlorophenol at all times.

Do not carry, store, or consume food or drink in areas where pentachlorophenol is stored or used, or where freshly treated wood is stored. Do not carry or use tobacco products in working areas. Do not expose cuts or abrasions to pentachlorophenol solutions. Get immediate first aid if eyes contact pentachlorophenol solutions. Keep work area well ventilated. Keep away from open flame. When heated to decomposition this products emits toxic fumes (chlorides).

#### **DISPOSAL:**

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency in case of a spill, and for cleanup of spills.

**NOTE:** All operational procedures must be consistent with the recommendations in the Environment Canada documents.

"Recommendations for the Design and Operation of Pentachlorophenol Thermal Treating Wood Preservation Facilities" and "Recommendations for the Design and Operation of Pentachlorophenol Pressure Treating Wood Preservation Facilities".

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