

2014-5322
2015-07-22

This product has been cancelled effective as of 2022/10/04. Manufacturing and importing of the product are no longer permitted. The existing stocks in Canada are authorized under paragraph 21 (5)(a) of the Pest Control Products Act for depletion for a limited time according to the phase-out schedule listed in the Pesticide Product Information Database (<https://pesticide-registry.canada.ca>).

KMG

Penta Blocks

Class 6.1, UN 3155

Wood Preservative, 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.

READ THE LABEL BEFORE USING

GUARANTEE:

Pentachlorophenol plus related active chlorophenols 96.0%

REGISTRATION NO. 28838 PEST CONTROL PRODUCTS ACT

For Industrial Use Only

Harmful or fatal if swallowed or inhaled

DANGER

POISON (SYMBOL)

CORROSIVE (SYMBOL)

CORROSIVE TO EYES

NET CONTENTS _____ KG

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PRODUCT LIMITATIONS

For use ONLY in the preparation 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 piling
3. outdoor construction materials

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds estuaries, oceans or other waters

TREATED WOOD LIMITATIONS

Working solutions should only be used for treatment of wood having NO opportunities 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

KMG Penta Blocks must be dissolved prior to use as a wood preservative. Place entire block into dissolving equipment.

Dilute with appropriate hydrocarbon solvent to achieve a treating solution of 5-10% pentachlorophenol.

Treat the wood using the pressure treatment procedures consistent with the equipment being used and standard treatment practices. Treatment conditions must be calibrated to yield the target retention levels found in the following table:

Decay Susceptibility	Commodity	Target Retention (kg/m ³)
Ground contact	Railway ties	3.4-6.4
Above Ground	Sawn products, plywood	4.8-6.4
Ground/Freshwater contact	Sawn products, plywood	6.4-8.0
	Posts and Poles	6.1-12.8
	Pilings	12
	Poles (thermal butt treatment)	16

Store treated lumber on a roofed drip pad until dripping has ceased. Slope lumber on the drip pad to expedite drainage and to ensure that no puddles remain on the surface of the wood. Manage drippage and other related wastes to prevent release in the environment. Drip aprons must be roofed, paved and drained to prevent dilution and loss of treatment solution.

DO NOT expose treated lumber to rains immediately after treatment.

Conditions MUST be provided to minimize leaching/bleeding of preservative from treated wood.

For further information on storage, handling and disposal of treated wood, contact the manufacturer of this product or the provincial regulatory agency.

All operational procedures must be consistent with the Environment Canada document: *Recommendations for the Design and Operations of Wood Preservation Facilities — Technical Recommendations Document* (as amended from time to time)

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.

Required precautionary measurements are as identified in *Recommendations for the Design and Operations of Wood Preservation Facilities — Technical Recommendations Document (Environment Canada)*. A summary of these requirements is as follows:

Do not carry, store or consume food or drink in working areas (e.g. areas where preservatives are stored or used, or where freshly treated wood is stored). Do not carry or smoke cigarettes in working areas. Wash hands thoroughly before leaving working areas and before eating, drinking, smoking or using the toilet facilities. Do not expose cuts or abrasions to preservatives. Wash skin immediately if contact with preservative solutions occurs. Get immediate first aid if skin or eyes contact preservative solutions. Even small contact exposures should receive immediate cleaning and treatment. Change outer clothing immediately if splashed with preservative solutions. Change clothing daily if any incidental contact with the treatment chemical occurs. Wash contaminated clothing separately from other clothing. Wear impermeable footwear in all working areas. Preservative solutions may penetrate leather shoes and apparel. Shower daily immediately after work. All work clothing and boots must be left at the plant. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

PROTECTIVE CLOTHING AND EQUIPMENT:

Personal protective equipment requirements are as identified in *Recommendations for the Design and Operations of Wood Preservation Facilities — Technical Recommendations Document (Environment Canada)*. A summary of these requirements is as follows:

Activity	Personal Protective Equipment
Retort Opening / Charge Removal / Handling treated lumber	<ul style="list-style-type: none">• Wear approved respirator if air concentrations are unknown or at or above TLVs• Wear rubber boots, impermeable gauntlets, face shield or goggles when opening cylinder doors and removing and unloading charges• Wear impermeable gauntlets, apron or rain suit, and boots if handling treated wood manually.• Wear a respirator if treated wood is handled in enclosed areas (eg. boxcars)

Load Jams	<p>Cylinder Entry</p> <ul style="list-style-type: none"> • If retort TLV levels are exceeded or concentration is unknown, wear self-contained full-face respirator mask, impermeable coveralls, boots and gauntlets • If TLV levels are below regulatory limits; wear NIOSH-approved respirator, impermeable coveralls, boots and gauntlets
Equipment Maintenance	<p>Welding Contaminated Equipment:</p> <ul style="list-style-type: none"> • Wear an approved respirator
Unloading PENTACHLOROPHENOL Solids	<ul style="list-style-type: none"> • Wear goggles or face shield, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots • Wear approved respirator whenever exposure to dust can occur
Preparing PENTACHLOROPHENOL Work Solutions	<ul style="list-style-type: none"> • Wear full face protection, organic solvent impermeable gauntlets, coveralls, aprons and shoes or boots for all operations involving handling of PENTACHLOROPHENOL solids • Wear an approved full facepiece respirator whenever dust conditions occur. Respirator cartridges must be NIOSH-rated for protection from "pesticides and organic vapours and dusts"
Sampling procedures	<ul style="list-style-type: none"> • Wear eye protection and gauntlets impermeable to organic solvents when sampling PENTACHLOROPHENOL solutions. • Wear impermeable gauntlets when taking borings from freshly-treated wood
Cleaning cylinders or storage tanks	<ul style="list-style-type: none"> • Wear NIOSH-approved respirators (or breathing apparatus), organic solvent impermeable gauntlets, outer clothing and boots during all vessel entries
Handling and maintaining contaminated equipment	<ul style="list-style-type: none"> • Wear impermeable apron, gauntlets and boots

Refer to Recommendations for the Design and Operations of Wood Preservation Facilities — Technical Recommendations Document (Environment Canada) for a complete listing of precautions, handling instructions and personal hygiene.

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

FIRST AID

IF SWALLOWED: Get medical attention or call a poison control centre immediately for treatment advice. If the victim is conscious, have that person immediately drink large

quantities of water. Do not induce vomiting unless told to do so by a poison control centre or doctor.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking 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.

ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms.

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.

INGESTION: May be fatal if ingested. 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.

DISPOSAL

1. Place entire block into dissolving equipment.
2. Follow provincial instruction for any required additional cleaning of the wrappings prior to disposal.
3. Dispose of the wrappings in accordance with provincial requirements.
4. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

DO NOT BURN PENTACHLOROPHENOL-TREATED WOOD EXCEPT IN FACILITIES AUTHORIZED FOR DISPOSAL OF SUCH PRODUCTS. DO NOT USE PENTACHLOROPHENOL-TREATED WOOD AS A COMPOST OR MULCH.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.