

2016-6783
2018-07-12

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>).

Dura Treat 40
Pentachlorophenol Concentrate

Class 3, UN 1306
Wood Preservative, COMMERCIAL
SOLUTION

For use ONLY in closed mixing and loading systems, or 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

ACTIVE INGREDIENT:

Pentachlorophenol 35.80%
other chlorinated phenols..... 4.20%
(and related compounds)

REGISTRATION NO. 26110 PEST CONTROL PRODUCTS ACT

For Industrial Use Only
Harmful or fatal if swallowed or inhaled

DANGER
(SYMBOL) POISON
EYE AND SKIN IRRITANT
(SYMBOL) CORROSIVE

NET CONTENTS _____

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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.

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 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

Post a copy of this label at the treating site, and all other areas 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.

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 Susceptability	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 expediate 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. Fatal if swallowed or inhaled. DO NOT breathe mist, spray or vapour. Causes eye irritation. DO NOT get in eyes. May irritate skin. Avoid contact with skin. 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 apron 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, polyvinyl chloride, polyvinyl acetate.

FIRST AID

If swallowed: Get medical attention or call a poison control centre immediately for treatment advice. Do not induce vomiting. **If on skin or clothing:** Immediately remove soaked clothing or articles in contact with the skin. Immediately wash contaminated skin thoroughly with soap or mild detergent and water. Call a poison control centre or doctor for treatment advice. Get prompt medical attention if the skin becomes inflamed (redness, itchiness or pain).

If inhaled: Immediately remove the exposed person to fresh air (Coughing and sneezing occur almost immediately after excessive inhalation of chlorophenols). If person is not breathing, call 911 or an ambulance then apply artificial respiration. Keep the affected person comfortable and quiet. PENTACHLOROPHENOL can cause excessive body temperature. Get medical attention or call a poison control centre or doctor for treatment advice.

If in eyes: Immediately flush eyes with flowing water, occasionally lifting the upper and lower lids. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Flush eyes for at least 15 minutes. Use boric acid solution and cortisone ophthalmic drops. Get medical attention or call a poison control centre for treatment advice.

Chronic symptoms requiring medical referral: Dermatitis, headaches, nausea, hyperthermia, fever, sweating, weight loss, chloracne.

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. Typical symptoms of overexposure to chlorophenols include sneezing, weakness, excessive sweating, headache, dizziness, nausea, vomiting and difficulty breathing and may cause irritation to the upper respiratory tract. Acute or chronic kidney or liver disease, asthma, bronchitis, chronic acne and other skin conditions may become aggravated by exposure to this product. 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.

DISPOSAL

- Follow provincial instructions for any required additional cleaning of the container prior to its reconditioning.
- Re-use bulk transport containers only for Dura Treat 40 and pentachlorophenol constituents in accordance with provincial requirements.
- For information on the 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.
- For small spills: Recover the free liquid and soak up residue with solid absorbent.

DO NOT FLUSH INTO SURFACE STREAMS. INFORM PROVINCIAL REGULATORY AGENCY AND THE MANUFACTURER. This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of waste.

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.