

2021-2646  
2021-07-30

# WOLMANAC<sup>®</sup> 60%

## INDUSTRIAL CONCENTRATE

WOOD PRESERVATIVE  
FOR INDUSTRIAL USE ONLY

REGISTRATION NUMBER 21226 PEST CONTROL PRODUCTS ACT

DANGER



POISON



CORROSIVE TO EYES AND SKIN

### GUARANTEE:

Chromium, present as chromic acid	14.8%
Arsenic, present as arsenic acid	13.3%
Copper, present as cupric oxide	8.9%

READ THE LABEL BEFORE USING

Net contents: tanker truck contains less than 13,620 litres.  
Arsenic content as metallic is 13.34% As  
Chromium content as metallic is 14.8% Cr

ARCH WOOD PROTECTION CANADA CORP.  
PO Box 60086, Oakville, ON L6L 6R4  
In case of emergency, call 1-800-424-9300 [CCN864796]

**GENERAL LIMITATIONS:**

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

**TREATED WOOD USE LIMITATIONS:**

Effective December 31, 2003, working solutions of this product can only be used for treatment of wood in the following categories:

- 1) Poles for highway and utility uses.
- 2) Fence posts and poles as defined in CSA O80.16-97 for use on farms and piles, and round, half-round, and quarter round fence posts and rails; poles, round posts, and posts sawn four sides used as structural members on farms, and plywood used on farms.
- 3) Round poles and posts used in building construction.
- 4) Sawn crossarms.
- 5) Wood for marine construction (salt and brackish water immersion) and structures above the water level (including cross bracing of 50 mm x 200 mm (2" x 8") and/or 75 mm x 150 mm (3" x 6") and larger nominal dimensions) subject to frequent salt water splash from wave action and degradation by marine organisms.
- 6) Land, fresh water, foundation and marine piles as defined in CSA O80.3-97.
- 7) Lumber and plywood for permanent wood foundation as defined in CSA O80.15-97.
- 8) Sawn timbers 125 mm (5") and thicker used to support commercial structures or residential stilt home structures.
- 9) Structural glued-laminated members and laminations before gluing (mechanical fasteners may be used in combination with, or in lieu of glue) limited to commercial/industrial uses.
- 10) Plywood.
- 11) Structural composite lumber.
- 12) Shakes and shingles.
- 13) Wood for highway construction as defined in CSA O80-14-97, including lumber for bridges and structural members; lumber for cribbing, culverts and bridge parts; land, fresh water and salt water piles; structural lumber in salt water; posts (fence, guard rail, guide, sign and sight); lighting poles, bridge hand rails, guardrails, posts, and structural composite lumber.
- 14) Lumber, timbers and plywood for cooling towers.
- 15) Lumber for roller coaster construction.
- 16) Wood for construction of road salt storage buildings.

Forest products treated with this product may only be sold or distributed for the uses noted above.

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

**DIRECTIONS FOR USE:**

Keep out of reach of children. Contents for use only in pressure-treating wood products. Cannot be used in concentrated form. DO NOT attempt to use without reading the Manual and having the necessary safety equipment. To be used only in vacuum pressure impregnation of wood products utilizing water solutions having concentrations ranging from 1.0 percent to 5.0 percent by weight. Dilute with water to achieve a treating solution of 0.5 – 10% active ingredients. Pressure treatment of wood products with time-tested Wolmanac® 60% Concentrate Preservative provides wood in all its forms with “built-in” protection against termites, ascomycetes, white rot, brown rot and dry rot.

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:

<b>Decay Susceptibility</b>	<b>Commodity</b>	<b>Target Retention (kg/m<sup>3</sup>)</b>
Above Ground	sawn products, plywood, laminations	4.0
Ground/Freshwater contact	sawn products, plywood, laminations, posts	6.4
	sawn products (in extreme decay conditions)	8.0
	plywood, poles & posts (extreme decay conditions)	9.6
	pilings	12.0
Salt Water (Marine) contact	pilings, sawn products	24.0

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 whereby the wood can undergo FIXATION. The treated wood should be released from the protected

fixation area only after CCA fixation has been verified by an acceptable test method. 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).

DO NOT apply this product in a way that will contact workers or bystanders, either directly or through drift. Only protected handlers may be in the area during application.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or estuarine/marine habitats.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.** Required precautionary measurements are as identified in *Recommendations for the Design and Operations of Wood Preservation Facilities – Technical Recommendations (Environment Canada)*. A summary of these requirements is as follows: Severe eye damage and skin burns. Rash or ulcerated skin. May be fatal if inhaled, absorbed through skin or swallowed. Do not get on eyes, on skin or on clothing. Do not expose cuts or abrasions to preservatives. Wear face shield, plastic gown with long sleeves and rubber gauntlets when handling. 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).

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. 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.

Individuals who enter pressure treatment cylinders and other related equipment that is contaminated with the wood treatment solution (e.g. cylinders that are in operation or are not free of the treatment solution) must wear protective clothing, including overalls, jacket, gloves and boots, impervious to the wood treatment formulation. Wear impermeable footwear in all working areas. Preservative solutions may penetrate leather shoes and apparel. In addition, individuals who enter pressure-treatment cylinders must wear properly fitting well maintained high efficiency filter respirators, MSHA/NIOSH approved for inorganic arsenic.

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.

Wash skin immediately if contact with preservative solutions occurs. Remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Remove clothing/personal protective equipment immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. For cleaning/maintaining personal protective equipment, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry. Wash hands thoroughly before leaving working areas and before eating, drinking, smoking, chewing gum or using the toilet facilities. Where gloves are required on the label, wash the outside of gloves before removing. Wear long pants, a long-sleeved shirt and shoes plus socks during mixing/loading, application, clean-up and repair.

**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
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Retort Opening / Charge Removal / Handling treated lumber	<ul style="list-style-type: none"> <li>• Wear approved respirator if air concentrations are unknown or at or above TLVs</li> <li>• Wear rubber boots, impermeable gauntlets, face shield or goggles when opening retort doors and removing and unloading charges</li> <li>• Wear impermeable gauntlets when handling freshly treated wood</li> <li>• Wear impermeable gloves, apron or rain suit, and boots if there is potential for getting wet by CCA solution</li> </ul>
Load Jams	<p>Cylinder Entry</p> <ul style="list-style-type: none"> <li>• If retort TLV levels are exceeded or concentration is unknown, wear self-contained full-face respirator mask, impermeable coveralls, boots and impermeable gauntlets</li> <li>• If TLV levels are below regulatory limits; wear NIOSH-approved respirator, impermeable coveralls, boots and gauntlets</li> </ul>
Equipment Maintenance	<p>Welding Contaminated Equipment:</p> <ul style="list-style-type: none"> <li>• Wear an approved respirator</li> </ul>
Unloading Bulk CCA Concentrate	<ul style="list-style-type: none"> <li>• Wear chemical goggles or face shield, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots</li> </ul>
Preparing CCA work solutions	<ul style="list-style-type: none"> <li>• Wear full face protection, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots for all operations involving direct exposure to CCA concentrates</li> </ul>
Sampling procedures	<ul style="list-style-type: none"> <li>• Wear eye protection and impermeable gauntlets when sampling CCA solutions (including full face protection with CCA concentrates)</li> <li>• Wear impermeable gloves when taking borings from freshly treated wood</li> </ul>
Cleaning cylinders, fixation chambers or storage tanks	<ul style="list-style-type: none"> <li>• Wear NIOSH-approved respirators (or breathing apparatus), impermeable gauntlets, apron (rubber or polyethylene coated) and rubber boots during all vessel entries</li> </ul>
Handling and maintaining contaminated equipment	<ul style="list-style-type: none"> <li>• Wear impermeable apron, gauntlets and boots if there is potential for getting wet by CCA solution</li> </ul>

Protective clothing\* must be changed when it shows signs of contamination. Applicators must leave protective clothing and workshoes or boots and equipment at the plant in area free from contamination. Worn out protective clothing and workshoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with Provincial and Federal regulations.

\*Example of acceptable protective clothing during application and handling of inorganic arsenicals are vinyl, polyvinyl chloride (PVC), neoprene, NBR (Buna-N) and polyethylene.

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.

Do not store near heater or open flame, food or feed. Use with adequate ventilation. Do not contaminate water used for domestic consumption, irrigation or Fish or Wildlife. Store concentrate in a secure area. Do not burn the treated wood. Dispose of wood by burial.

#### FIRST AID:

**If swallowed:** Promptly have the exposed person drink a large quantity of milk, egg whites, gelatin solution or water if the aforementioned are unavailable. Never give liquids to an unconscious person. Do not induce vomiting. Get medical attention or call poison control centre immediately for subsequent advice (stomach pumping by medical personnel is desirable). **If on skin or clothing:** Flush contaminated area immediately with flowing water. Subsequently remove contaminated clothing. Continue to flush contaminated skin for at least 15 minutes. 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:** 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. Keep the affected person warm and quiet. Get immediate medical attention or call a poison control centre for treatment advice. **If in eyes:** Immediately flush eyes with flowing water, occasionally lifting the upper and lower lids. Flush eyes for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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: ulceration of the skin or mucous membrane (breaks in the skin, disintegration of tissue, pus formation); abdominal pains and other persistent symptoms of illness.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**SPILLS:** Limit the spread of spill and keep people away. Dike spill area with lime, cement, sand or soil. Sawdust or wood chips may be used for liquid absorption. **IMPORTANT!** All contaminated sawdust must be recovered and neutralized. Clean-up efforts should not begin until material is treated with lime or cement for absorption and neutralization. If feasible and without risk, repair the leaking tank to limit spill. Handle neutralized material with care. It is poisonous by skin contact or ingestion. Collect in stainless or carbon steel drums or equipment. Sweep up or vacuum area thoroughly to remove all material. Run-off to sewers or streams may create toxic hazard; notify health and pollution control authorities. Dispose of contaminated material.

**DISPOSAL:**

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.

**ENVIRONMENTAL HAZARDS:**

TOXIC to aquatic organisms.

**NOTICE TO USER:**

This pest control product is to be used in accordance with the directions on this label. It is an offense 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.

**NOTE:**

For further detailed information on safety procedures, storage, handling preparation, application and disposal of CCA wood preservative; refer to the Environment Canada publication "Recommendations for the Design and Operations of Wood Preservation Facilities, March 1999". All plants using Wolmanac® 60% Concentrate Wood Preservative must have a copy of the Environment Canada Publication on site.