

2021-2646

2021-07-30

CHEMONITE WOOD PRESERVATIVE
SOLUTION
READ THE LABEL BEFORE USING
COMMERCIAL

GUARANTEE:

Copper present as cupric oxide and related copper compounds.....5.19%
Zinc present as zinc oxide..... 2.61%
Arsenic present as arsenic acid..... 2.12%

DANGER



POISON



CORROSIVE

CORROSIVE TO SKIN AND EYES

REGISTRATION NO. 25809 PEST CONTROL PRODUCTS ACT

NET CONTENTS: BULK TANK

Arch Wood Protection Canada Corp.

PO Box 60086

Oakville, ON L6L 6R4

In case of emergency call 1-800-424-9300 [CCN864796]

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.

GENERAL LIMITATIONS:

Not for treatment of wood for residential uses. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

PRODUCT LIMITATIONS:

For use in closed pressure treatment systems in facilities with closed mixing and transfer systems only. No open pouring. Not to be used for non-pressure treatments such as dipping, brushing or spraying.

TREATED WOOD LIMITATIONS:

Working solutions should only be used for treatment of wood that, in service, will have NO opportunities for the following:

1. Having direct contact with or becoming a deleterious component of drinking water.
2. Use in food/feed storage/production or where the preservative may become a deleterious component of food or animal feed.

DIRECTIONS FOR USE:

Post a copy of the label at the treating site, and at all other areas where workers may be exposed to Chemonite.

Pressure treatment of wood with this product provides protection against wood decay fungi, insects, and marine borers.

Dilute with water to achieve a treating solution of 0.5–10% active ingredients. 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/m³)
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	30.0

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 stabilization. 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 if prior to treatment.

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.

DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Fatal if swallowed. Corrosive to skin and eyes. Do not get in eyes or on skin or clothing. Do not inhale spray mist. 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. Do not expose cuts or abrasions to preservatives. Wash immediately if contact with preservative solutions occurs. Wash hands thoroughly before leaving working areas and before eating, drinking, smoking or using the toilet facilities. Shower daily immediately after work. Get immediate first aid if skin or eyes contact preservative solutions. Even small contact exposures should receive immediate cleaning and treatment. Keep work areas well ventilated.

PROTECTIVE CLOTHING AND EQUIPMENT:

Personal protective equipment requirements are as identified in *Recommendations for the Design and Operations of Wood Preservation Facilities – Technical Recommendations (Environment Canada)*. Refer to this document for a complete listing of precautions, handling instructions and personal hygiene. 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 when handling freshly treated charges • Wear impermeable gauntlets, aprons or rain suit, and boots if there is potential for getting wet by ACZA solution

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 impermeable gauntlets
Equipment Maintenance	<p>Welding Contaminated Equipment:</p> <ul style="list-style-type: none"> • Wear an approved respirator
Unloading Bulk Ammonium Hydroxide	<ul style="list-style-type: none"> • Wear face shield, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots
Unloading Drums of Arsenic Acid	<ul style="list-style-type: none"> • Wear goggles, impermeable gauntlets, full-length impermeable apron/suit
Preparing ACZA work solutions	<ul style="list-style-type: none"> • Wear full face protection mask with ammonia canister, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots for all operations involving direct exposure to ACZA solutions and chemical ingredients
Sampling procedures	<ul style="list-style-type: none"> • Wear eye protection and impermeable gauntlets when sampling ACZA solutions (including full face protection with ACZA solutions) • Wear impermeable gauntlets when taking borings from freshly-treated wood
Cleaning cylinders, fixation chambers or storage tanks	<ul style="list-style-type: none"> • Wear NIOSH-approved respirators (or breathing apparatus), impermeable gauntlets, apron (rubber or polyethylene coated) and rubber boots during all vessel entries
Handling and maintaining contaminated equipment	<ul style="list-style-type: none"> • Wear impermeable apron, gauntlets and boots if there is potential for getting wet by ACZA solution

USE PROTECTIVE CLOTHING MADE FROM THE FOLLOWING MATERIALS: Vinyl, polyvinyl chloride (PVC), neoprene, rubber and polyethylene.

Remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

Change outer clothing immediately if splashed with preservative solutions. 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. Change clothing daily if any incidental contact with the treatment chemical occurs. Wash contaminated clothing separately from other clothing. 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. Wear impermeable footwear in all working areas. Preservative solutions may penetrate leather shoes and apparel. All work clothing and boots must be left at the plant.

FIRST AID TREATMENT:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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: Contains ammonium hydroxide. Treat symptomatically.

EFFECTS OF ACUTE EXPOSURE: Irritating to the eyes; causes irritation and inflammation of the skin. **INGESTION:** Nausea, abdominal pain, vomiting, shock, coma, death may occur.

EFFECTS OF CHRONIC EXPOSURE: Potential carcinogenic action, possible liver and kidney damage, jaundice, reduced white blood cells upon long-term exposure.

DISPOSAL:

For Non-Reusable Containers:

1. Triple-rinse with water prior to disposal. Rinse water should be used for the preparation of working solutions.
2. Follow provincial instruction 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.

For Refillable Containers: The container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse the container for any other purpose.

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

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic organisms.

((Consumer Information Sheet))

INORGANIC ARSENICAL PRESSURE-TREATED WOOD

(Including: CCA, ACA, AND ACZA)

CONSUMER INFORMATION:

This wood has been preserved by pressure-treatment with a PMRA-registered pesticide containing inorganic arsenic to protect it from insect attack and decay. Wood treated with inorganic arsenic should be used only where such protection is important. Inorganic arsenic penetrates deeply into and remains in the pressure-treated wood for a long time. Exposure to inorganic arsenic may present certain hazards. Therefore, the following precautions should be taken both when handling the treated wood and in determining where to use or dispose of the treated wood.

USE SITE PRECAUTION:

Wood pressure-treated with waterborne arsenical preservatives may be used inside residences as long as all sawdust and construction debris are cleaned up and disposed of after construction. Do not use treated wood under circumstances where the preservative may become a component of food or animal feed. Examples of such sites would be structures or containers for storing silage or food.

Do not use treated wood for cutting boards or counter tops. Only treated wood that is visibly clean and free of surface residue should be used for patios, decks and walkways. Do not use treated wood for construction of those portions of beehives which may come into contact with the honey.

Treated wood should not be used where it may come into direct or indirect contact with public drinking water, except for uses involving incidental contact such as docks and bridges.

HANDLING PRECAUTIONS:

For advice on disposal of treated wood, the provincial regulatory agency and/or Environment Canada should be contacted. Treated wood should not be burned in open fires or in stoves, fireplaces, or residential boilers because toxic chemicals may be produced as part of the smoke and ashes. Treated wood from commercial or industrial use (e.g., construction sites) may be burned only in commercial or industrial incinerators or boilers in accordance with provincial and Federal regulations.

Avoid frequent or prolonged inhalation of sawdust from treated wood. When sawing and machining treated wood, wear a mask. Whenever possible, these operations should be performed outdoors to avoid indoor accumulations of airborne sawdust from treated wood. When power-sawing and machining, wear goggles to protect eyes from flying particles. After working with the wood, and before eating, drinking, and use of tobacco products, wash exposed areas thoroughly.

If preservatives or sawdust accumulate on clothes, launder before reuse. Wash work clothes separately from other household clothing.