

ACQ-2102

WOOD PRESERVATIVE CONCENTRATE SOLUTION

FOR USE ONLY AS HEAVY DUTY WOOD PRESERVATIVE IN THE TREATMENT OF INDUSTRIAL AND NON-INDUSTRIAL WOOD PRODUCTS SUCH AS DECKS, PATIOS, FENCING, PLAY STRUCTURES, BOARDWALKS, PICNIC TABLES, LANDSCAPING TIMBERS, RESIDENTIAL AND NON RESIDENTIAL FENCING, DOCKS, AND WALKWAYS, HIGHWAY CONSTRUCTION, LUMBER AND TIMBERS FOR BRIDGES, BRIDGE DECKING, HAND RAILS, GUARD RAILS, SPACER BLOCKS, AND POSTS.

COMMERCIAL ACTIVE INGREDIENT:

**Copper as elemental (Cu), present as mixed copper ethanolamine complexes 7.4%
n-Alkyl (67% C₁₂, 25% C₁₄, 7% C₁₆, 1% C₁₈)
dimethyl benzyl ammonium chloride 4.6%**

READ THE LABEL BEFORE USING
DANGER



POISON



CORROSIVE TO EYES AND SKIN

POTENTIAL SKIN SENSITIZER

REGISTRATION NO.: 27130
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 20 000 to 90 750 kg

Viance LLC
8001 IBM Drive
Charlotte, NC 28262
USA
1-800-421-8661
Emergency Telephone No. 704-455-5181

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

Concentrate is harmful or fatal if swallowed or inhaled. Corrosive.

Causes irreversible eye damage and severe skin burns. Potential skin sensitizer.

Do not get in eyes, on skin or on clothing.

Wear full-face protection, chemical-resistant coveralls over long sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear when handling concentrate or dilute solution, when opening treating cylinder doors and during cleaning, maintenance and repair activities on storage vessels and treating cylinders. In addition, wear either a respirator with a NIOSH/MSHA/BHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH/MSHA/BHSE approved canister approved for pesticides when handling the concentrate, when handling the dilute solution if the area is not well ventilated, when opening treating cylinder doors and during cleaning, maintenance and repair activities on storage vessels or treating cylinders. Wear chemical resistant coveralls over long sleeved shirt and long pants, goggles or face shield and chemical resistant gloves when handling freshly treated wood.

Wash hands and face before eating, drinking, smoking and using the toilet. Change clothing daily. Wash contaminated clothing separately from household laundry.

FIRST AID:

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.

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 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.

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

TOXICOLOGICAL INFORMATION:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed. Treat symptomatically.

GENERAL INFORMATION:

ACQ-2102 Wood Preservative Concentrate is a formulation of copper oxide as elemental copper (from copper ethanalamine complexes) and alkyl dimethyl benzyl ammonium chloride. ACQ-2102 Wood Preservative Concentrate is only to be used in vacuum-pressure wood-preserving plants for pressure treatment of wood.

USE LIMITATIONS:

AC-2102 Wood Preservative Concentrate treated wood provides protection against wood decay fungi. For use as a heavy duty wood preservative in the treatment of non-industrial wood **for above ground and ground contact** in the following categories: Residential construction such as decks, patios, fencing, play structures, siding, plywood, sill plate, and/or Recreational applications such as walkways, boardwalks, landscaping, docks, gazebos, and/or General Construction and commercial applications such as dimensional lumber, structural timbers, posts, decking, and/or Agriculture and Horticulture applications such as fencing, framing, building poles.

Do not use to treat wood in poles or pilings.

Treated wood is not to be used in contact with foodstuffs such as edible plants or for construction of food holding containers, food storage facilities or food growing buildings, e.g., mushroom houses.

Treated sawdust, shavings and residues of the treatment process should not come in contact with livestock or be used as bedding or litter.

DIRECTIONS FOR USE:

Observation of the wood should be made to detect the presence of any visible surface residues. Any surface residues must be removed prior to the wood being shipped.

The contents are for use in closed vacuum-pressure treatment systems for wood products. Place the wood to be treated into the pressure cylinder and seal unit. Dilute ACQ-2102 Wood Preservative Concentrate with water to create an aqueous solution containing active ingredient concentrations ranging from 0.5% to 3.4% by weight. 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 retention levels found in the following table:

End Use	Target Retention (kg/m ³)
Above-Ground – Non Structural	2.0
Above Ground – Structural	4.0
Ground Contact	6.4

Following treatment, the wood shall be placed on a roofed drip pad or containment area to allow drippage to be collected and returned to the treatment tanks. The wood must not be removed from the containment pad or storage area until dripping has stopped. Thereafter, conditions should be provided whereby the wood can undergo stabilization. It may take a few hours to several days to achieve stabilization depending on conditions such as temperature and treatment solution concentration. Consult the manufacturer for appropriate stabilization times.

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.

Drip aprons must be roofed, paved and drained to prevent dilution and loss of treatment solution.

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

Long term use history of ACQ treated wood in industrial uses is currently limited. Inspection programs for critical infrastructures should take this into consideration.

STORAGE:

DO NOT USE OR STORE CONCENTRATE NEAR HEAT OR OPEN FLAME. DO NOT USE IN CONTACT WITH BRASS, BRONZE OR COPPER.

ENVIRONMENTAL HAZARD:

Toxic to aquatic organisms.

DO NOT use ACQ 2102 Wood Preservative Concentrate in treatment facilities located on salmon bearing waters.

Treated wood must not be used in the construction of beehives.

DO NOT apply this product to wood that will be used in water.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes or runoff water from the treatment and storage yards. Open dumping is prohibited.

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

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.

DO NOT expose treated lumber to rains immediately after treatment.

DO NOT float treated lumber in lakes, rivers, streams, or oceans.

DO NOT burn wood treated with ACQ-2102 Wood Preservative Concentrate.

DISPOSAL/DECONTAMINATION:

1. Triple or pressure rinse the empty container. Add the rinsings to the treatment site.
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. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

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.