



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 30, 2016

Terri Muchow  
Arch Wood Protection, a Lonza Company  
3941 Bonsal Road  
Conley, GA 30288

Subject: Amended Reregistration Label  
Product Name: Wolmanac Concentrate 60%  
EPA Registration Number: 62190-14  
Decision Numbers: 453524, 454459, 454468

Dear Ms. Muchow:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Coppers and Chromated Arsenicals REDs, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

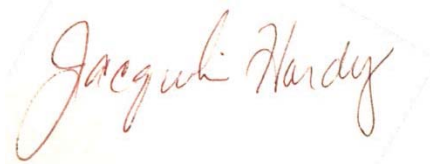
- Basic CSF, dated 05/06/2013
- Alternate CSF 1, dated 05/15/2013
- Alternate CSF 2, dated 05/15/2013
- Alternate CSF 3, dated 05/15/2013

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Tom Luminello by phone at (703) 308-8075, or via email at [luminello.tom@epa.gov](mailto:luminello.tom@epa.gov).

Sincerely,

A handwritten signature in red ink that reads "Jacqueline Hardy". The signature is written in a cursive style and is enclosed within a faint, light-colored rectangular border.

Jacqueline Hardy, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure –Stamped Label

**MASTER LABEL**  
62190-14

**Restricted Use Pesticide**

DUE TO ACUTE TOXICITY AND BECAUSE THIS PRODUCT CONTAINS ARSENIC AND CHROMIUM compounds which may be associated with tumor development in humans and is considered to have an acute toxicity level. This product is not for retail sale and can only be used by certified applicators holding a current State certification for pesticide applications or are under their direct supervision. It must be used strictly in accordance with this label.

**Wolmanac® Concentrate 60%**

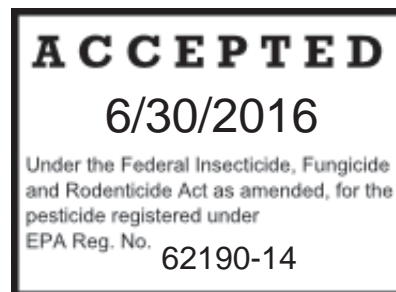
(For Pressure Treatment Plant Use Only)

**ACTIVE INGREDIENTS:**

Chromic Acid (CrO <sub>3</sub> ) .....	28.50%
Cupric Oxide (CuO) (CAS# 1317-38-0).....	11.10%
Arsenic Pentoxide (As <sub>2</sub> O <sub>5</sub> ).....	20.40%

<b>OTHER INGREDIENTS:</b> .....	40.00%
Total .....	100.00%

Total Arsenic as Metallic.....13.30%  
Total Copper as Metallic..... 8.87%



KEEP OUT OF REACH OF CHILDREN

**Danger**



**FIRST AID**

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

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

**IF IN EYES:** Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue to rinse eye(s). Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when you call a Poison Control Center or doctor, or when going for treatment. For Medical Emergencies: 800-654-6911 (24 hours a day).

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements.

Manufactured for: Arch Wood Protection Inc  
360 Interstate North Pkwy, Suite 450  
Atlanta, GA 30339

EPA REG. NO. 62190-14 ESTABLISHMENT NO: xxxxx-yy-zz

NET CONTENTS: Batch Code XXXXXX

Wolmanac Concentrate 60%, EPA Reg. No: 62190-14

EPA Stamped Label 7/21/2010 w/ Notification 12/3/2014 and 03/25/2015; Draft Notification 05/04/2015;  
Revised 6/30/2016.

## MASTER LABEL

62190-14

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Restricted Use Pesticide.

Pressure treatment of forest products with time-tested Wolmanac® Preservative provides wood in all its forms with "built-in" protection against termites, ascomycetes, white rot, brown rot, dry rot, marine borers (Limnoria and Teredo), and decay. Wolmanac® Concentrate 60% is for the preservative treatment of wood by pressure process according to American Wood-Preservers' Association (AWPA) use category system. Wolmanac® Concentrate 60% must be diluted prior to use, between 1% to 8% active ingredients in treating solution. Dilution rate will vary based on wood species, treatment cycle and final retention.

Processes used to apply inorganic arsenical formulations shall leave minimal visible surface deposits on the wood (Visible surface deposits means a surface residue or crystallization on the treated wood. Small isolated or infrequent spots of surface residue on otherwise clean wood shall be allowed.)

#### (For Pressure Treatment Plant Use Only)

**Only the categories of forest products described in the supplemental labeling may be treated with CCA. Forest products treated with this product may only be sold or distributed for uses within those described.**

### Engineering Controls

The treatment process must include a final vacuum to remove excess preservative from the wood. The final vacuum must attain a vacuum equal to or greater than the initial vacuum. This vacuum must be held for an appropriate time period based on wood species, retention levels, and commodity treated to remove excess preservative from the wood.

At the conclusion of the treatment, the cylinder must be ventilated by purging the post-treatment cylinder through fresh air exchange. The ventilation process is considered complete after a minimum of 2 volume exchanges based on the empty treatment cylinder volume. The exhaust pipe of the vacuum system or any air moving device utilized in conducting the air purge must terminate into a containment vessel such as a treating solution work tank or water/effluent tank.

The ventilation process may be accomplished by one of the following methods:

1. activating an air purge system that operates while the cylinder door remains closed; or
2. using a device to open and hold open the cylinder door (no more than 6 inches) to allow adequate ventilation and activating the vacuum pump or auxiliary blower.

If the second method is utilized, at the conclusion of the treatment, no personnel may be located within 15 feet of the cylinder when open (cracked) until the cylinder has been ventilated. In the event of equipment malfunction, or to place the spacer to hold the door open during venting, only personnel wearing specified PPE are permitted within 15 feet of the cylinder opening prior to ventilation. After ventilation is complete, the cylinder door may be completely opened.

Cylinder openings and door pits must use grating and additional measures such as sumps, dams or other devices which prevent or remove spillage of the preservative. Personnel must not directly handle the charge cables, poles or hooks used to retrieve charge cables, or other equipment that has contacted the preservative without wearing chemical resistant gloves. After treatment, wood must be moved to a drip pad capable of recovering excess preservative until the wood is drip free.

As of December 31, 2013, an automatic locking/unlocking device must be used to accomplish locking and unlocking of the cylinder door and mechanical methods must be used to place/remove bridge rails.

*Wolmanac Concentrate 60%, EPA Reg. No: 62190-14*

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## MASTER LABEL

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### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Product is a strong oxidizer. Avoid contact with reducing agents.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage, skin burns and mucous membrane irritation. Fatal if swallowed, inhaled, or absorbed through skin. Do not breathe spray mist. Wear eye protection devices and protective clothing and chemical resistant gloves in all situations where dermal contact is expected. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Entry to confined spaces is regulated by Federal and/or State Occupational Safety and Health Programs. Compliance is mandated by law. Individuals who enter pressure treatment cylinders or other related equipment that is contaminated with the wood treatment preservative (e.g., cylinders that are not free of the treatment preservative or preservative storage tanks) must wear protective clothing and/or equipment as required by Federal and/or State Occupational Safety and Health Compliance laws.

#### Personal Protective Equipment (PPE)

All personnel handling treated wood or handling treating equipment (including poles/hooks used to retrieve charge cables) that has come in contact with preservative must wear the following PPE:

- washable or disposable coveralls or long-sleeved shirt and long pants,
- chemical resistant gloves, and
- socks plus industrial grade safety work boots with chemical resistant soles.

All personnel rinsing or maintaining the treatment cylinder gasket/equipment or working with concentrate or wood treatment preservative must wear the following PPE:

- washable or disposable coveralls or long-sleeved shirt and long pants,
- chemical resistant gloves,
- socks plus industrial grade safety work boots with chemical resistant soles, and
- a full face shield.

In the event of equipment malfunction, or for door spacer placement, all personnel within 15 feet of the cylinder opening prior to ventilation must wear the following PPE:

- washable or disposable coveralls or long-sleeved shirt and long pants
- chemical resistant gloves,
- socks plus industrial grade safety work boots with chemical resistant soles, and
- a properly fitting NIOSH-approved cartridge or canister respirator approved for inorganic arsenic and chromium.

## MASTER LABEL

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### USER SAFETY REQUIREMENTS

Personnel must leave aprons, protective coveralls, chemical resistant gloves, work footwear, and any other material contaminated with preservative at the treatment facility. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

Eating, drinking, and smoking are prohibited in the treatment cylinder load-out area, drip pad area, and engineering control room of the wood treatment facilities. EXCEPTION: Where treating operator control rooms are isolated from the treating cylinders, drip pad, and work tanks, eating, drinking, and smoking (depending on local restrictions) are permitted.

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

*<Bulk Tank Truck>*

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

*<Bulk Tote Containers>*

#### **CONTAINER HANDLING (TOTES):**

Nonrefillable Container. Do not refill or reuse this container. Do not reuse this container to hold material other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Empty tote container must be returned to a tote collection agent.

Cleaning container before final disposal is the responsibility of the person disposing of the container. To clean container before final disposal, fill container about 10 percent full with water; Agitate container vigorously; discard rinsate according to pesticide disposal instructions; repeat this rinsing procedure two more times. For additional container disposal information, contact product supplier.

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## MASTER LABEL

62190-14

### **CONTAINER HANDLING (*Containers > 5 gallons and ≤ 55 gallons*):**

Nonrefillable Container. Do not refill or reuse this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or dispose of in trash or in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.



## SUPPLEMENTAL LABELING FOR CCA CATEGORIES OF FOREST PRODUCTS THAT MAY BE TREATED WITH CCA

CCA (chromated copper arsenate) is registered for use only in pressure treatment of certain commodities. It is the treater's responsibility to comply with the terms of the label. Only the categories of forest products in the following tables may be treated with CCA and in accordance with the respective Use Categories as specified by the American Wood Protection Association in the most current edition of the AWPA Book of Standards. Commodity specifications are as identified by the AWPA in its most current edition of standards.

<b>AWPA COMMODITY SPECIFICATION</b>	
<b>AWPA USE CATEGORY</b>	<b>COMMODITY</b>
<b>POSTS</b>	
UC4A	Posts, round, 1/2 and 3/4 round for highway construction (including guide, sign and sight) Fence (farm)
UC4B	Posts, round, 1/2 and 3/4 round for highway construction (including guardrail posts, spacer blocks) and for road salt/brine storage Posts, round, 1/2 and 3/4 round for building construction Round, used as structural members in agricultural uses
<b>POLES</b>	
UC4B	Utility poles (including laminated) Poles for highway and agricultural construction, lighting, building structural use
<i>Note: poles may glue — or be mechanically — laminated</i>	
<b>ROUND TIMBER PILING</b>	
UC4C	Foundation and fresh water piles
<b>SAWN PRODUCTS</b>	
UC3B	Guardrails for highway construction, including for golf course bridges meeting highway construction standards Shakes and Shingles Tile batts Siding (commercial/residential/agricultural) Roller coaster construction Lumber/timbers used for fish ladders, lobster traps, oyster farming (saltwater/brackish water only)
UC4A	Lumber/timber for highway construction, including for golf course bridges meeting highway construction standards Crossarms Fence rail (farm/agricultural only, round, 1/4 round, 1/2 round); Roller coaster construction Cooling towers (fresh water contact)
UC4B	Highway bridge decking (above ground, structural, subject to critical/severe decay) Road salt/brine storage Highway construction materials, including cribbing, lighting Piles (structural support in residential or business construction) Posts (sawn 4 sides) for highway construction, farm/agricultural structural use, spacer blocks, important building structural use Poles for structural building use; Roller coaster construction; Lumber/timbers for cooling towers, permanent wood foundations Lumber/timbers (5 inches or greater) for residential/business structural use; highway construction and cribbing; retaining walls for highway uses; residential/business building support Lumber/ Timbers (2 x 8 inch and/or 3 x 6 inch or greater) for marine use (out of water, ground contact, including salt water splash)
UC4C	Piles for residential/business structural support, critical
<b>WOOD COMPOSITES</b>	
UC3B	Composite lumber for structural uses Glue- or nail-laminated members Plywood for agriculture, farms, roof sheathing, flooring, subflooring, flat-bed trailers
UC4A	PSL & LVL composite lumber for highway construction Members (laminates) Plywood for farm/agricultural use, mariculture, boats, compost/flumes, flooring for industrial/commercial/agricultural, wet industrial process areas, storage sheds, garages
UC4B	Plywood for marine use where salt water splash Plywood for road salt/brine storage, highway construction materials Plywood for permanent wood foundation Plywood for wet industrial processing areas, including cooling towers Composite lumber for highway construction Glue-laminate members (important structural or saltwater splash)
UC4C	Composite (PSL & LVL) lumber highway structural use Members (laminates) for critical structural uses
<i>Note: laminates can be glued or mechanically fastened</i> <i>Note: PSL = parallel strand lumber, LVL = laminated veneer lumber</i>	
<b>MARINE: (SALTWATER/BRACKISH WATER) APPLICATIONS</b>	
5A-5B-5C	Bulkhead sheathing Lumber/timbers use, including use in aqua/mariculture, timbers and cross bracing, highway construction, boats Piles for marine applications Plywood for marine construction, boat building