

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
DANGER**

**Corrosive.** Causes irreversible eye damage. Skin or mucous membrane irritation. Harmful or fatal if swallowed, inhaled or absorbed through skin. Handle in a well-ventilated area. Do not get on skin, in eyes or on clothing. Keep containers closed when not in use.

Individuals in the work area of an arboreal wood treatment plant must wear properly fitting, well-maintained, high efficiency filter respirators, MSHA/NIOSH approved for inorganic arsenic, if the level of inorganic arsenic in the plant is unknown or exceeds 10 microgram per cubic meter of air (10 ug/m<sup>3</sup>) averaged over an 8-hour work period. Air monitoring programs, procedures and record retention and submission must be conducted in accordance with the instructions on the attached labeling material.

Refer to label attachment - Possible Exposure Limit (PEL) Monitoring Program. For additional information concerning the use of this product.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near food or feedstuffs.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**STORAGE**

This product must be stored in closed tanks or drums which display a label properly identifying the product and its concentration.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal law. If this waste 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.

**CONTAINER DISPOSAL**

Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by other approved State and local procedures.

**SPILLS**

- Avoid contact with eyes, skin or clothing.
- Dilute to contain with sand or soil.
- Collect usable liquid and return to manufacturer.
- Neutralize any uncollected liquid.

**50% Concentrate**

Apply 20 pounds of lime or 40 pounds of cement per 50 gallons of 50% concentrate.

**Working Solutions (up to 10% solution)**

Apply 40 pounds of lime or 80 pounds of cement per 50 gallons of solution of 10% or less.

Collect and enclose in steel drums any contaminated soil, sand or absorbent and dispose in accordance with local, state and Federal regulations for hazardous waste.

Contact chemical manufacturer, state environmental agency or U.S. EPA for assistance and instructions for control of spilled chemicals.

**RESTRICTED USE PESTICIDE**

For sale to and use by certified applicators or by persons under their direct supervision and only for those uses covered by the certified applicators' certification.

Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for this pesticide registered under EPA Reg. No. 10556-8.

**CSA WOOD PRESERVATIVE**

**CHROMATED COPPER ARSENATE 50% CONCENTRATE**

ACTIVE INGREDIENTS	Oxide
Chromic Oxide (CrO <sub>3</sub> )	23.75%
Cuprous Oxide (Cu <sub>2</sub> O)	9.25%
Arsenic Pentoxide (As <sub>2</sub> O <sub>5</sub> )	17.00%
<b>INERT INGREDIENTS</b>	<b>50.00%</b>
<b>TOTAL</b>	<b>100.00%</b>

Total arsenic, all in water soluble form, expressed as metallic - 11.10%  
This product contains 6.8 lbs. oxide per gallon  
This product weighs 13.6 lbs. per gallon

**BEST AVAILABLE COPY**

**KEEP OUT OF THE REACH OF CHILDREN**

**DANGER POISON**



**STATEMENT OF PRACTICAL TREATMENT**

- IF SWALLOWED**  
Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF IN EYES**  
Flush with plenty of water. Call a physician.
- IF ON SKIN**  
Wash with plenty of soap and water. Get medical attention.

Refer to additional precautionary statements elsewhere on the label under the heading "Precautionary Statements - Hazards to Humans and Domestic Animals."

**CSA**  
One Woodlawn Green  
Charlotte, NC 28217

EPA ESTABLISHMENT NO.: 10465-NC-1  
EPA REGISTRATION NO.: 10356-8

NET CONTENTS \_\_\_\_\_ Lbs.

**SPECIFIC USE INSTRUCTIONS**

Contents for use only in pressure treating vessel for forest products cannot be used in concentrated form. Do not attempt to use without implementing the necessary safety equipment. To be used only in impregnation of forest products utilizing water solutions having concentrations ranging from 0.5% to 10% by weight. Impregnation procedures must rigidly adhere to the current specifications of the American Wood Preservers Association. Treated wood is provided protection against termites, ascomycetes, brown rot, dry rot and white rot.

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).

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 wood treatment formulation. In addition, individuals entering pressure-treatment cylinders must wear properly fitting, well-maintained, high efficiency respirators, MSHA/NIOSH approved for inorganic arsenic, if level of inorganic arsenic in the plant is unknown or exceeds 10 micrograms per cubic meter of air (10ug/m<sup>3</sup>) averaged over an 8-hour work period. Air monitoring programs, procedures and record retention and submission must be conducted in accordance with the instructions on the attached labeling material.

Applicators must not eat, drink or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation (e.g., manually opening/closing cylinder doors, moving trams out of cylinders, mixing chemicals and handling freshly treated wood). Wash thoroughly after skin contact and before eating, drinking, use of tobacco products or using restrooms.

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. 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 state and federal regulations.

Processes used to apply inorganic arsenic formulations shall leave no visible surface deposits on the wood, as defined by AWPB Standard C-1 and AWPB Standards LP2 and LP22 (Visible Surface deposits means a surface residue or crystallization on the treated wood. Small isolated or infrequent spots of chemical on otherwise clean wood shall be allowed).

**NOTE TO USER** Examples of acceptable materials for protective clothing (e.g., gloves, overalls, jackets and boots) required during application and handling of inorganic arsenicals are vinyl, polyvinyl chloride (PVC), neoprene, NBR (Buna N), rubber and polyethylene.

**WARRANTY STATEMENT**

Follow directions carefully. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

The employer shall establish and maintain accurate records which include responses to the PEL Checklist and all monitoring reports. The annual record or copies thereof shall be submitted to the U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances, Office of Compliance Monitoring (EN-432), 401 M Street, SW, Washington, D.C. 20460. All records submitted will be certified by the employer as accurate and in compliance with all calibration, analytical and sampling requirements outlined in this program. If the employer received assistance from an OSHA 7(c)(1) consultant, that consultant's report to the employer will be an acceptable record of calibration, analysis, and monitoring requiring no additional certification.

**DATA SUBMISSION AND CERTIFICATION**

The Environmental Protection Agency (EPA) may direct that monitoring take place at specifically selected establishments to assure that the best is achieved in the identifying events which increase airborne arsenic. Selected employers will be notified by EPA State enforcement representatives. The employer will be responsible for obtaining current air monitoring data within the time specified in the monitoring notification and for submitting these data and reports to the EPA as described below.

Monitoring may be conducted through a request made to the Occupational Safety and Health Administration (OSHA) provided under section 7(d) of the OSHA Act, or by employees or contractors of the employer's choosing.

The Employer shall collect personal air samples, including at least one sample which is adequate to represent typical conditions for a full work shift (at least 7 hours) for each job classification in each work area. Sampling should be done using a personal sampling pump calibrated at a flow rate of 2 liters per minute. Samples should be collected on 0.8 micron-ter pore size membrane filters (27 mm diameter). The method of sampling analysis should have an accuracy of not less than  $\pm 25$  percent (with a confidence limit of 95 percent) for 10 micrograms per cubic meter of air ( $10\mu g/m^3$ ) and  $\pm 35$  percent (with a confidence limit of 95 percent) for concentrations of inorganic arsenic between 5 and  $10\mu g/m^3$ .

**MONITORING AND MEASUREMENT PROCEDURES**

1. After the wood has been treated, have you changed from hand stacking to mechanical stacking or from mechanical stacking to hand stacking? If yes, when?
2. Has your production capacity increased significantly? If yes, when?
3. Have you changed from a ready-to-use or dilute concentrate to a mix-it-yourself formulation? Has the proportional amount of arsenic in the solution increased, e.g., have you shifted from (C) A Type A or (C) to Type B? If yes, when?
4. Has significant (i.e., reportable under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Superfund), 42 F.S.C. 9601 et seq.) spill occurred? If yes, when?
5. Is treated wood being retained on the drip pad for less time? If yes, when?
6. Have there been any other production, process control or employee handling procedure changes which could result in new or additional airborne inorganic arsenic? Identify change, and when it occurred.

In all cases where there has been a change in production, process control, or employee handling procedures, or if any events in the PEL Checklist occurred, or if for any other reasons an employer should suspect new or additional airborne inorganic arsenic additional monitoring that complies with the requirements for initial monitoring shall be completed. Responses to the Checklist will become part of the monitoring records. Monitoring is required within 3 months if any of the following events questions on the Checklist can be answered in the affirmative with respect to any events which may have occurred since the last monitoring report submitted to the Agency.

**PEL CHECKLIST**

If the monitoring reveals employees are exposed to airborne arsenic levels below  $5\mu g/m^3$ , monitoring need not be repeated except as discussed in the "PEL Checklist" below.

If the monitoring reveals employees are exposed to airborne arsenic levels below  $5\mu g/m^3$ , the employer may then discontinue monitoring except as discussed in the "PEL Checklist" below.

At least 7 days apart, the employer shall repeat monitoring at least every 6 months until at least two consecutive measurements taken at  $5\mu g/m^3$  or less are obtained. However, if the employee exposure is below  $10\mu g/m^3$  but above  $5\mu g/m^3$ , the employer shall repeat monitoring at least every 6 months until at least two consecutive measurements taken at least 7 days apart, the inorganic arsenic levels are below  $10\mu g/m^3$ , employees in those areas may discontinue wearing the respirators except as discussed in the "PEL Checklist" below.

NIOSH-approved for inorganic arsenic. If in subsequent monitoring, at least two consecutive measurements taken at least 7 days apart, the inorganic arsenic levels are below  $10\mu g/m^3$ , high efficiency filter respirators, MSHA working in that area are required to wear properly fitting, well-maintained, high efficiency filter respirators. MSHA approved in the same manner as described below under "Monitoring and Measurement Procedures." If the initial or subsequent monitoring demonstrates that airborne inorganic arsenic in a work area is greater than  $10\mu g/m^3$ , all employees working in that area are required to wear properly fitting, well-maintained, high efficiency filter respirators. MSHA