

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER

Conceive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants,
- Socks and chemical resistant footwear,
- Goggles or face shield,
- Chemical-resistant gloves (such as: Barrier Laminate or Viton),
- A NIOSH-approved respirator with an ammonia, organic, and HEPA cartridge such as P-100.

USER SAFETY REQUIREMENTS AND RECOMMENDATIONS

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove personnel protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

Net Contents:

ACCEPTED

FEB - 5 2002

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide registered under

62190-18

Wolman® E

For Industrial Use Only

INGREDIENTS:

ACTIVE INGREDIENTS:

Basic Copper Carbonate

16.10%

Boric Acid

9.25%

Tebuconazole: alpha-(2-(4-chlorophenyl)

ethyl-alpha-(1,1-dimethylethyl)-1H-1,2,4-

triazole-1-ethanol

0.37%

INERT INGREDIENTS:

74.28%

Total

100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Have person sip a glass of water if able to swallow.
- 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 center or doctor for treatment advice.

IF IN EYES:

- Hold eye 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 center 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, preferable by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

See side panel for additional precautionary statement.

Have the MSDS or label with you when calling a poison control center or doctor, or going for treatment.

FOR MEDICAL EMERGENCIES: 1-800-837-0496

Outside USA: 404-616-9000

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. If breathing has stopped or is difficult, administer artificial respiration or oxygen as indicated.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Contents for use only in pressure-treating wood products. 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 0.3 percent to 3.0 percent by weight. Impregnation procedures must rigidly adhere to the current specifications of Arch Wood Protection and/or the American Wood-Preservers' Association.

Processes used to apply Copper Azole formulations shall leave no visible surface deposits on the wood, as defined by AWPA Standard P5-36. 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.

Pressure treatment of wood products with this Copper Azole wood preservative provides wood with protection against termites, ascomycetes, white rot, brown rot and dry rot.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry and well-ventilated area. Keep in tightly closed containers. Store away from incompatible materials. Protect containers from physical damage. Observe all applicable local, state, federal guidelines for storage and disposal.

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.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, burn. If burned, stay out of smoke.

WARRANTY: We warrant this material to comply with our published specifications and to be of good merchantable quality and such as will regularly pass in the trade for goods within the description, and further warrant it to be fit for the normal purposes for which such goods are used. We assume no responsibility that this material is fit for any particular purpose outside of the general purposes of goods of the description.

Manufactured for Arch Wood Protection, Smyrna, GA 30080
ACEAN 24-hr. Emg. Resp. 800-654-6911

EPA Registration No.: 62150-18

Establishment No.: 073852-CA-G01 ☐

073852-CH-G01 ☐

AWPL14-R005-12-01

62190-18

2/5/2002

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MATERIAL SAFETY DATA SHEET
WOLMAN® E WOOD PRESERVATIVE CONCENTRATE
November 2, 2001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wolman® E Wood Preservative Concentrate

General Use: General-use pesticide for wood preservative. **EPA Reg. #** 62190-18

MANUFACTURER:

ARCH WOOD PROTECTION

3941 Bensal Road

Conley, Georgia 30208

MSDS Information: 1-800-511-6737

EMERGENCY TELEPHONE NUMBERS:

*CHEMTREC Assistance: 1-800-424-9300

*CANUTEC: 1-613-996-6666

ACEAN 24 Hour Emg Resp: 1-800-654-6911

*Use only during transportation emergencies

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	EXPOSURE LIMITS (mg/m ³)		
		OSHA-PEL	ACGIH-TLV	ACGIH-STEL
Basic Copper Carbonate	12069-69-1	1.0 (as Cu)	1.0 (as Cu)	
Boric Acid	11113-50-1	15.0 (PNOR)	10.0 (PNOR)	
Tebuconazole	107534-96-3	Not Established		
Ethanolamines (combination)	NA	6.0	7.5*, 2**Skin	15*
Inert Ingredients (and H ₂ O)	NA	Not Established		

*NIOSH method number 3509 (aminoethanol compounds I)

**NIOSH method number 2007 (aminoethanol compounds II)

3. HAZARDS IDENTIFICATION

Inhalation: Product may cause upper respiratory irritation.

Eye Contact: Product may cause severe eye irritation or possible eye burns.

Skin Contact: The product has been shown to cause skin irritation in rabbits.

Ingestion: Product may cause moderate to severe gastrointestinal irritation resulting in nausea, cramps and/or diarrhea. Possible systemic effects of swallowing this product may include kidney and liver damage, central nervous system depression, cyanosis, skin sores, convulsions, and collapse or coma.

4. FIRST AID MEASURES

Inhalation: Remove from exposure. If severe breathing difficulty should arise immediately seek medical aid. If breathing has stopped, administer artificial respiration or oxygen. Seek medical attention.

Eye Contact: Immediately flush with large amounts of water for at least 15 minutes. DO NOT rub the eyes.

Immediately seek medical aid. If wearing contact lenses, immediately flush eyes with water for a short period prior to removing contacts, then continue flushing eyes for at least 15 minutes. Immediately seek medical aid.

Skin Contact: Flush exposed skin with large amounts of water. Then use soap and water to clean area. Remove contaminated clothing. Launder clothing before reuse. Immediately seek medical aid if severe irritation develops.

Ingestion: DO NOT induce vomiting. Seek medical aid immediately. Do not attempt to give anything to an unconscious person. Call a physician or poison center at (800) 837-0496 (Outside the US call 1-404-616-9000.)

5. FIRE FIGHTING MEASURES

Flash Point >200°F

Auto-ignition NA

Lower Explosive Limit

NA

Upper Explosive Limit

NA

Extinguishing Agents: Use water, dry chemical, or other common extinguishing media.

5. FIRE FIGHTING MEASURES CONT'D

Fire-Fighting Procedures: Fire from a separate fuel source may be intense enough to cause thermal decomposition releasing toxic fumes and/or gases. Wear complete fire service protective equipment, including full-face NIOSH and MSHA – approved self-containing breathing apparatus.

Fire and Explosion Hazard: Moderate fire and explosion hazard when exposed to heat or flame.

Combustible Liquid: May burn. Does not ignite unless there is an ignition source. Flammable, poisonous gases may accumulate in enclosed areas. Avoid contact with or storage with any of the incompatible substances listed in Reactivity Section

**Do not weld on empty uncleaned containers.*

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Take up material with absorbent material and place into containers for later disposal.

Large Spills: Dike area around spill to contain dispersion of the released material. Absorb with absorbent material and collect in containers for later disposal. Keep all unnecessary personnel away from the spill area. Do not touch spilled material with bare hands. Use adequate personal protective equipment. Keep open flames or ignition sources away. Do not allow material to contaminate sewers, soils or water sources.

Reportable Quantities: The reportable quantity for a spill is 1250 lbs.

7. HANDLING AND STORAGE

Storage Conditions: KEEP FROM FREEZING (above 40F) as product gets very viscous. Store in a cool, dry and well ventilated area. Keep in tightly closed containers. Store away from incompatible materials. Protect containers from physical damage. Observe all local, state and federal guidelines for storage and disposal.

Caution: Avoid contact with skin, eyes, and clothing. Wear protective goggles/shield, gloves and clothing. Avoid breathing mist and vapors. Keep use areas well ventilated. Wash thoroughly after handling. Remove any contaminated clothing. An eyewash and shower (quick-drench facility) should be maintained in the work area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: None normally required. However, if airborne concentrations exceed established OSHA PEL, use NIOSH approved air-purifying respirator equipped with combination organic, ammonia and P100 high efficiency particulate filters (HEPA).

Eye Protection: Splash-proof chemical goggles and face shield should be worn wherever splash hazards exist.

Skin/Foot Protection: PVC, polyethylene or neoprene gloves are recommended. Wear long sleeves, pants and leather or rubber shoes. Coveralls or aprons if needed.

Ventilation: Provide adequate ventilation to keep airborne levels of contaminants below OSHA PEL levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Liquid	Specific Gravity (Water =1)	1.286 @ 25°C
Odor	Amine	Boiling Point	107C
Solubility in Water	Soluble	Vapor Density (Air=1)	NA
Physical State	Liquid	Vapor Pressure	NA
pH	11.55	Freezing Point	<-30°C

10. STABILITY AND REACTIVITY

Conditions contributing to instability: Stable under normal conditions.

Incompatibilities: Oxidizers, strong acids, cellulose nitrates, sodium hypobromite, acetylene, hydrazine, nitromethane, aluminum, and zinc.

Hazardous Reactions/Decomposition/Combustion Products: Toxic or hazardous oxides of carbon and/or nitrogen.

Hazardous Polymerization: Not known to occur.

11. TOXICOLOGICAL INFORMATION

Oral Toxicity: LD50= 547 mg/kg (rat testing)

Dermal Toxicity: LD50= >2,000, <5,000 mg/kg

12. ECOLOGICAL INFORMATION

This product is toxic to fish and wildlife.

13. DISPOSAL CONSIDERATIONS

Disposal Guidance: This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 the discharge. Do not discharge this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA. As of the date on the MSDS, this product does not meet the characteristic or listed Federal hazardous waste regulations. State regulations may be more stringent. Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Material Classification: Ethanolamine solutions, 8, UN2491, III
Use North American Emergency Response Guide # 153

15. REGULATORY INFORMATION

CERCLA/SARA: Reportable quantity is 1,250 lbs, 117 gallons.

SARA 311/312: This product is an OSHA hazardous material under 29 CFR 1910.1200, therefore, it is regulated under the Superfund Amendments and Reauthorization Act (SARA) Sections 311 and 312. A facility must report chemical storage quantities that equal or exceed 10,000 pounds anytime during the reporting year to the appropriate state and local agencies.

RCRA (40 CFR 261): As of the date of this MSDS, this product is not considered a hazardous waste under 40 CFR part 261. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Check local and state regulations, as they may be more stringent.

OSHA (29 CFR 1910.1200): This product is regulated by the Occupational Safety and Health Administration (OSHA) under the Hazard Communication Standard (29 CFR 1910.1299)

NFPA: 3-Health, 1-Flammability, 0-Reactivity

16. OTHER INFORMATION

ABBREVIATIONS

OSHA Occupational Safety and Health Administration
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
RCRA Resource Conservation and Recovery Act
CERCLA Comprehensive Environmental Response, Compensation,
and Liability Act

PEL Permissible Exposure Limit
FIFRA Federal Insecticide, Fungicide and Rodenticide Act
STEL Short-term Exposure Limit
NFPA National Fire Protection Association
SARA Superfund Authorization and Reauthorization Act

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Arch Wood Protection makes no guarantee or warranty, expressed or implied, as to the accuracy, reliability, or completeness of the information.