

3008-17

11/15/2004

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**RESTRICTED USE PESTICIDE**

DUE TO ACUTE TOXICITY AND BECAUSE THIS PRODUCT CONTAINS ARSENIC AND/OR CHROMIUM COMPOUNDS SOME TYPES OF WHICH HAVE BEEN ASSOCIATED WITH TUMOR DEVELOPMENT IN HUMANS. For retail sale to and use only by certified applications or persons under their direct supervision, and for those uses covered by the certified applicator's certification.

# OSMOSE

## K-33-C (72%)

### WOOD PRESERVATIVE

(For Pressure Plant Use Only)  
(Not For Use Or Storage In or Around The Home)

**ACTIVE INGREDIENTS:**

Arsenic Pentoxide.....24.50%  
Chromic Acid.....34.20%  
Copper Oxide.....13.30%

**INERT INGREDIENTS:**.....28.00%  
Total 100.00%

Total Arsenic as Metallic.....15.90%  
Water Soluble Arsenic as Metallic.....15.90%



**KEEP OUT OF REACH OF CHILDREN**  
**DANGER POISON**

**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:** 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 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. 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.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA EST. NO. ☐ 3008-TN-1  
☐ 3008-SC-1

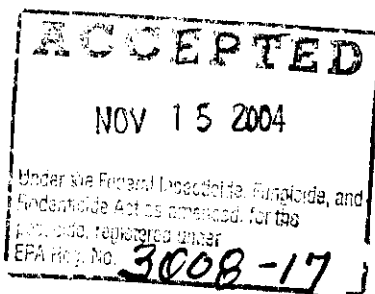
EPA REG. NO. 3008-17

MANUFACTURED BY:

# Osmose®

Osmose, Inc.  
980 Ellicott Street  
Buffalo, New York  
14209

**NET CONTENTS: 275 LBS.**



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## DIRECTIONS FOR USE

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

(For Pressure Plant Use Only)

OSMOSE K-33-C is designed for the pressure impregnation of wood to provide protection against decay, termites and marine borers (Limnoria and Teredo).

Processes used to apply inorganic arsenic formulations shall leave no visible surface deposits on the wood, as defined by AWPAs Standard C-1 and AWPAs 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.)

This product may only be used for preservative treatment of the following categories of forest products and in accordance with the respective cited standard (noted parenthetically) of the 2001 edition of the American Wood-Preservers' Association (AWPA) Standards: Lumber and Timber for Salt Water Use Only (C2), Piles (C3), Poles (C4), Plywood (C9), Wood for Highway Construction (C14), Round, Half Round and Quarter Round Fence Posts (C16), Poles, Piles and Posts Used as Structural Members on Farms, and Plywood Used on Farms (C16), Wood for Marine Construction (C18), Lumber and Plywood for Permanent Wood Foundations (C22), Round Poles and Posts Used in Building Construction (C23), Sawn Timber Used To Support Residential and Commercial Structures (C24), Sawn Crossarms (C25), Structural Glued Laminated Members and Laminations Before Gluing (C28), Structural Composite Lumber (C33), and Shakes and Shingles (C34); and in accordance with the respective cited standard (noted parenthetically) of the 2002 edition of the American Wood-Preservers' Association Standards: Lumber, Timbers and Plywood for Cooling Towers (C30). Forest products treated with this product may only be sold or distributed for uses within the AWPAs Commodity Standards under which the treatment occurred.

Effective December 31, 2004, this product may only be used for preservative treatment of the following categories of forest products and in accordance with the respective cited standard (noted parenthetically) of the 2001 edition of the American Wood-Preservers' Association (AWPA) Standards: Lumber and Timber for Salt Water Use (also includes brackish water) Only (C2), Piles (C3), Poles (C4), Plywood (C9), Wood for Highway Construction (C14), Round, Half Round and Quarter Round Fence Posts (C16), Poles, Piles and Posts Used as Structural Members on Farms, and Plywood Used on Farms (C16), Wood for Marine Construction for Salt Water Use (also includes brackish water) (immersion and/or subject to saltwater (or brackish water) splash ["subject to saltwater (or brackish water) splash" means any member of a marine structure which is positioned above mean high tide, but is subject to frequent wetting from wave action], [Pilings (sheet, round and square), Timbers, and Plywood; Walers, Framing, Stringers and Cross Bracing (2" x 8" and/or 3"x6" and larger nominal dimensions and treated to a minimum of 0.60 pcf) (C18), Lumber and Plywood for Permanent Wood Foundations (C22), Round Poles and Posts Used in Building Construction (C23), Sawn Timber Used To Support Residential and Commercial Structures (C24), Sawn Crossarms (C25), Structural Glued Laminated Members and Laminations Before Gluing (C28), Structural Composite Lumber (C33), and Shakes and Shingles (C34); and in accordance with the respective cited standard (noted parenthetically) of the 2002 edition of the American Wood-Preservers' Association Standards: Lumber, Timbers and Plywood for Cooling Towers (C30). Forest products treated with this product may only be sold or distributed for uses within the AWPAs Commodity Standards under which the treatment occurred, except where otherwise provided above.

## PHYSICAL OR CHEMICAL HAZARDS

Avoid contact with aluminum or zinc galvanized metal.

Note to User: Examples of acceptable materials for protective clothing (eg. 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.

## 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER: POISONOUS IF SWALLOWED OR ABSORBED THROUGH THE SKIN

Corrosive. Causes irreversible eye damage, skin or mucous membrane irritation. Harmful or fatal if swallowed, inhaled, or absorbed through skin. Do not breathe spray mist. Wash thoroughly after handling and before eating and smoking. Wear eye protection devices and protective clothing and rubber gloves in all situations where dermal contact is expected. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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 the wood treatment formulation. In addition, individuals who enter pressure-treatment cylinders 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 micrograms per cubic meter of air (10  $\mu\text{g}/\text{m}^3$ ) average 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.

## USER SAFETY RECOMMENDATIONS

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).

User should wash hands before eating, drinking, chewing gum, using tobacco products or using the toilet. User should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## PERSONAL PROTECTIVE EQUIPMENT

Handlers must wear: goggles or face shield, coveralls worn over long-sleeved shirt and long pants, chemical-resistant gloves (such as Barrier Laminate, Butyl Rubber, Neoprene Rubber, Nitrile Rubber), shoes plus socks, dust/mist filter respirator (MSHA/NIOSH approved number prefix TC-21C) or NIOSH approved respirator with any N, R, P or HE prefilter.

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.

Individuals in the work area of an arsenical 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 micrograms per cubic meter of air (10  $\mu\text{g}/\text{m}^3$ ) average 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.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water, 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 treatment plant or sewer. For guidance contact your State Water Board or Regional Office of the EPA.

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