

PRODUCT INFORMATION

TimberFume II is a fumigant solution. When used as directed, it will arrest internal decay present in Douglas-fir, western red cedar and southern pine poles, piling and similar large timber members in terrestrial sites. Such treatment has been shown to arrest internal decay up to six years, however, efficacy is expected to vary from one application to another. Timber known to have internal decay should be scheduled for treatment before it has decayed to the point where replacement is necessary.

PERSONAL PROTECTION EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, socks, chemical-resistant footwear, and gloves resistant to chlorophacin. Wear goggles or full face shield for eye protection. If the air concentration level exceeds 0.3 ppm at any time, all persons in the fumigation area must wear respiratory protection. For handling activities in enclosed areas, applicators and other handlers must use either a supplied-air respirator with MSHA/NIOSH approval number prefix TC-19C, or a self-contained breathing apparatus (SCBA) with MSHA/NIOSH approval number TC-13F. For handling activities outdoors, use either a respirator with an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

Follow the manufacturer's instructions for cleaning/maintaining PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to Osmose TimberFume II Application Manual for additional Directions for Use.

This fumigant is a highly hazardous material and should be used only by persons trained in its proper use. Before using, read and follow all label precautions and directions.

All persons working with this fumigant should be trained in the hazards, use of required respirator equipment and detector equipment, emergency procedures and proper use of fumigant. Do not fumigate with this product in enclosed places when temperature is below 40°F.

For in-place treatment of wood piles, poles and timbers using special Osmose equipment and prescribed techniques.

For poles, piles and timbers in terrestrial sites.

Large structural timbers have so many different end uses that the groundline area of a 40' circumference standing pole is taken as a guide and example for application of this product.

For interior decay bore four or five holes ½" in diameter and a length about 2 ½ times the radius of the wood at about a 45° angle downward. The first hole should be at the groundline and succeeding holes approximately 6-12" higher and 90° rotated from the next lower hole.

Inject equal amounts of fumigant into all holes. The amount of fumigant to be used per pole is based on the pole circumference at its groundline and in accordance with the table below.

Circumference	TimberFume II
22 - 29	½ pint
30 - 38	¾ pint
39 - 56	1 pint
57 - 65	1 ½ pint

Plug holes with treated wood plugs, using the precautions of wearing safety goggles to avoid splashing any of the liquid into the eyes. Attach an aluminum tag to the treated member, showing that said member was treated with TimberFume II.

For piling in water: Only the section of the piling above the water line may be treated. The application method for applying TimberFume to piling in water must utilize the Osmose vial system. Refer to Osmose TimberFume II Applicator's manual.

RESTRICTED USE PESTICIDE DUE TO HIGH ACUTE TOXICITY

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

Osmose® TimberFume® II

A Fumigant for Controlling
Decay in Wood

ACTIVE INGREDIENT:

Chlorophacin	98.2%
Inert Ingredients**	1.8%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

PRECAUCION AL USUARIO: Si usted no lee Ingles, no use este producto hasta que la etiqueta le haya sido explicada amplemente.



**DANGER
POISON
PELIGRO**



FIRST AID

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 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 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 center or doctor for treatment advice.
If swallowed	Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
EPA Reg. No. 75340-1 EPA Est. No. 7747-CA-1

NET CONTENTS _____ lbs. (1 pint = 1 lb., 11.4 oz. avg.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous liquid and vapor. Inhalation of vapors may be fatal. Chlorophacin is readily identifiable by smell. Exposure to very low concentrations of vapor will cause irritation of eyes, nose and throat. Continued exposure after irritation is evident or higher concentrations may cause painful irritation to the eyes or temporary blindness. Liquid will cause chemical burns to skin or eyes. Do not get on skin, in eyes or on clothing. Harmful or fatal if swallowed. Wear full-body clothing that is cleaned after each wearing or disposal protective clothing. Use gloves that are resistant to chlorophacin. If full-face respiratory protection is not required, wear goggles or full face shield for eye protection when handling liquid. If the concentration of chlorophacin in the working area, as measured by a Bendix Gasec Precision Gas Detector (or its equivalent) does not exceed 0.3 ppm (2 mg/M3), no respiratory protection is required. If this concentration is exceeded at any time, all persons in the fumigation area must wear a NIOSH/MSHA approved self-contained breathing apparatus (SCBA). Do not eat food or drink when handling. Always work with two or more people when applying the formulation. Notify personnel responsible for the safety for the application site before applying to pilings. There are no antidotes for poisoning by chlorophacin. Avoid direct contact with the agent.

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 contaminate water by cleaning of equipment or disposal of waste. 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 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.

PHYSICAL OR CHEMICAL HAZARDS

Since TimberFume II may be corrosive under certain conditions, flush equipment with kerosene or fuel oil - DO NOT USE WATER. Do not use magnesium alloy or aluminum for handling equipment or containers.

STORAGE AND DISPOSAL

Do not contaminate wear, food or feed by storage or disposal. **STORAGE:** Store in a cool, dry, well-ventilated area under lock and key. Post as a pesticide storage area. Persons moving or handling containers should wear protective clothing. Open container only in a well ventilated area wearing protective clothing, and respiratory protection if necessary. **SPILL AND LEAK PROCEDURES:** Evacuate immediate area of spill or leak. Use SCBA or combination air-supplied/SCBA respiratory for entry into affected area to correct problem. Move leaking or damaged containers outdoors or to an isolated location, observing strict safety precautions. Work upwind if possible. Allow spilled material to evaporate, or absorb onto vermiculite, dry sand, earth or similar absorbent material which may be disposed of on site, or at an approved disposal facility. Do not permit entry into spill area or clean-up area by unprotected persons until concentration of chlorophacin is determined to be less than 0.3 ppm. **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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Empty steel cylinders should be returned to manufacturer's location from which shipment was made.

Osmose®

Osmose Railroad Services, Inc.
4546 Tompkins Dr.
Madison, WI 53716

Osmose and TimberFume are registered trademarks of S-T-N Holdings, Inc.