



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

NOV 16 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Teri Muchow
Manager- Regulatory Administration
Osmose, Inc.
980 Ellicott Street
Buffalo, NY 14209

Subject: **Timberfume II**
EPA Registration Number: 75340-1
Application Dated: August 18, 2009
Receipt Date: August 19, 2009

Dear Ms. Muchow:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment

Revise label per PR Notice 2007-4 and Chloropicrin RED

General Comment

A stamped label is enclosed for your records.

Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6427 or email address at carlisle.sharon@epa.gov, or Lisa McKelvin by telephone at (703) 308-7496 or email address at mckelvin.Lisa@epa.gov

Sincerely,



ShaRon Carlisle
(Acting) Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosed: Stamped label

**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:

Chloropicrin	98.2%
Inert Ingredients**	<u>1.8%</u>
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 ampliament.



**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.)

ACCEPTED

NOV 16 2009

Under the Federal Insecticide, Fungicide, and
Rodenticide, Act as amended, for the
pesticide, registered under
EPA Reg. No. 75340-1

30f4

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 chloropicrin. Wear goggles or full face shield for eye protection.

For handling activities in enclosed areas, applicators and other handlers participating in filling the vials or otherwise exposed to non-encapsulated product must wear:

- a supplied-air respirator with MSHA/NIOSH approval number prefix TX-19C, or
- a self-contained breathing apparatus (SCBA) with MSHA/NIOSH approval number TX-13F.

For handling activities outdoors, applicators and other handlers participating in filling the vials or otherwise exposed to non-encapsulated product must wear a full-face tight-fitting or loose-fitting helmet or hood style NIOSH/MSHA approved respirator:

- with an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TX-23C), or
- with a canister approved for pesticides (MSHA/NIOSH approval number prefix TX-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.

PROTECTION FOR HANDLERS

Employers must ensure that any handler who uses a respirator is:

- Fit-tested and fit-checked using a program that conforms to OSHA's requirements (see 29CFR Part 1910.134)
- Trained using a program that confirms to OSHA's requirements (see 29CFR Part 1910.134)
- Examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn. A qualified medical practitioner is a physician or other licensed health care professional who will evaluate the ability of a worker to wear a respirator. The initial evaluation consists of a questionnaire that asks about medical conditions (such as heart condition) that would be problematic for respirator use. If concerns are identified, then additional evaluations, such as a physical exam, might be necessary. The initial evaluation must be done before respirator use begins. Handlers must be reexamined by a qualified medical practitioner at least annually or if their health status or respiratory style or use-conditions change.

In case of emergency or the need for immediate respiratory protection, the fumigation handler employer must make sure that at least one air rescue device (e.g. SCBA) is on-site and ready for use in case of an emergency.

DIRECTIONS FOR USE

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

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.

For remedial treatment of wooden poles/timbers:

1. Plug the pre-drilled holes immediately after application.
2. Do not treat structures/beams indoors.
3. Do not drill an application hole through seasoning checks to apply product. If the hole intersects a check, plug the hole and drill another. If more than 2 treatment holes intersect an internal void or rot pocket, redrill the holes farther up the pole into relatively solid wood.

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 Osmove equipment and prescribed techniques.

For poles, piles and timbers in terrestrial sites.

For application of TimberFume II using the vial method, follow these directions:

For square sawn timbers such as caps/stringers bore 13/16" holes upward from bottom surface of timber at 2' intervals.

The above water portion of a 13" diameter piling is taken as a guide and example for application of the product:

For internal decay in piling, bore four holes, 13/16" in diameter, 12" to 14" deep, at a 45° angle downward. The first hole should be at least 2 feet above the water line or the high tide mark and succeeding holes about 6" higher at 90° rotation from the next lower hole. Additional treatment holes should be drilled in the same manner at approximately 2 foot intervals to the top of the pile or timber structure that is to be treated.

For example, a piling with 12 feet exposed above the water line should be drilled with eight holes for fumigant treatment.

Fill 5/8" diameter by 9" vials made of a plastic impermeable to the fumigant with TimberFume II and cap with a plastic that is chemical permeable or chemical degradable to become permeable to TimberFume II. Place one vial in each of the treating holes and plug the hole with a RED painted tapered 3" treated wooden plug.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous liquid and vapor. Inhalation of vapors may be fatal. Chloropicrin 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 chloropicrin. If full-face respiratory protection is not required, wear goggles or full face shield for eye protection when handling liquid. 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 chloropicrin. 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, aluminum 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 chloropicrin is determined to be less than 0.15 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: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Osmose®

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

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