



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

75341-21

Date of Issuance:

2/20/2015

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

DuraFume

Name and Address of Registrant (include ZIP Code):

Richard J. Ziobro  
Vice President, Research  
Osмосе Utilities Services, Inc.  
215 Greencastle Road  
Tyrone, GA 30290-2944

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Seiichi Murasaki, Product Manager 33  
RMBI, Antimicrobials Division (7510P)

Date:

2/20/2015

2. You are required to comply with the data requirements described in the DCI identified below:

a. Dazomet GDCI-035602-1448

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Team Leader for PM Team 36: [http://www.epa.gov/oppad001/contacts\\_ad.htm](http://www.epa.gov/oppad001/contacts_ad.htm).

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 75341-21."

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated October 7, 2014
- Alternate CSF #1 dated October 7, 2014

If you have any questions, please contact Terria Northern at (703) 347-0265 or [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,



Seiichi Murasaki  
Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# DuraFume®

ACTIVE INGREDIENT: Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione .....98.0%  
 INERT INGREDIENT:.....2.0%  
 TOTAL 100.0%

**KEEP OUT OF REACH OF CHILDREN  
 DANGER**

<b>FIRST AID</b>	
If on skin, clothes	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water, if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact (24 hours) (800) 424-9300 CHEMTREC for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate gastric lavage. Treat symptomatically. No known antidote.	

## Precautionary Statements

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear goggles or face shield and rubber gloves when handling this product. Remove and wash contaminated clothing before reuse. May cause skin sensitization.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Appropriate PPE (long pants, long-sleeved shirts, chemical resistant gloves, and eye protection such as safety glasses with side shields or goggles or face shield) must be used when applying the product.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. This pesticide is expected to be toxic when in contact with terrestrial or aquatic plants. 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 Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL/CHEMICAL HAZARDS:** Solubility in water: 0.2%. Melting Point: 106°C. Avoid oxidizing agents.

EPA Establishment No.: 75341-xx

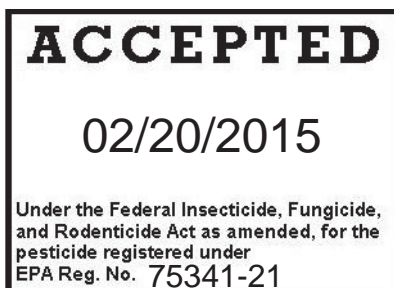
EPA Registration No. xxxxxxxx

DISTRIBUTED BY

**Osmose®**

**OSMOSE UTILITIES SERVICES, INC.**  
 215 Greencastle Rd., Tyrone, GA 30290

NET CONTENTS: \_\_\_\_\_



## Directions for Use

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

**WOOD AND WOOD PRODUCTS:** DuraFume is recommended for the internal remedial treatment and protection of wood products such as utility poles, pilings, timbers, and other large solid or laminated wood products against fungal decay.

**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.

DuraFume is designed to be placed inside the wood product to be treated. DuraFume is applied in treatment holes drilled into the wood at a 45 degree angle downward or greater, which are then plugged. For wood in ground contact, the first hole should start at or slightly below ground-line and should be arranged in a spiral pattern covering the treatment zone with about 6 to 12 inches vertically between holes. Do not overfill the treatment holes to allow room for a plug. The following example can be used as a guide for the application of this product to treat the groundline zone of a 40 inch circumference standing utility pole.

1. Drill three 7/8 inch diameter by 14 inch long holes at a steep downward angle in a spiral pattern starting at groundline as described above. For an excavated pole, the first hole will be below the ground and succeeding holes about 6" – 8" higher.
2. Apply 70 grams (maximum) of DuraFume into each hole, using an appropriate applicator.
3. Add liquid accelerant if desired to treatment hole.
4. Plug the treatment hole with a tight fitting treated wooden dowel, removable plastic plug or other suitable cap.

An accelerant of a 2% copper metal solution can be added to treatment holes after DuraFume is applied and before the application holes are plugged. An accelerant is designed to speed the decomposition and release of active fumigant inside the wood product. Accelerating the release of fumigant is especially desirable when active decay is present. Keep accelerants away from DuraFume except in treatment holes, which should be plugged immediately after they combine.

DuraFume is not to be used indoors or underneath indoor structures.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Protect from temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state, and federal pesticide disposal regulations.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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 HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

**BATCH CODE:** \_\_\_\_\_

OCT-2014