		EPÄ Reg.	Date of Issuance:	
USEN LD STATES	U.S. ENVIRONMENTAL PROTECTION	Number:		
	AGENCY Office of Pesticide Programs	3008-100	September 30, 2008	
PAJAL PROTECTED	Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW	Term of Issuance:	Term of Issuance:	
	Washington, D.C. 20460	Unconditional		
	• .	Name of Pesticide	Product:	
	NOTICE OF PESTICIDE: <u>x</u> Registration <u>Reregistration</u>	ORD-X310		
(under FIFRA, as amen	nded)			
Name and Address of I	Registrant (include ZIP Code):		· · · · · · · · · · · · · · · · · · ·	
Osmose, Inc.				
980 Ellicott St. Buffalo, NY 14	200			
	207			
	ing differing in substance from that accepted in connection with this re- prior to use of the label in commerce. In any correspondence on this pre-			
number		· · ·		
number. On the basis of informa Rodenticide Act.	ation furnished by the registrant, the above named pesticide is hereby re	gistered under the Feder	al Insecticide, Fungicide ar	
On the basis of informa Rodenticide Act. Registration is in no wa environment, the Admi acceptance of any nam	ation furnished by the registrant, the above named pesticide is hereby re ay to be construed as an endorsement or recommendation of this produc inistrator, on his motion, may at any time suspend or cancel the registra e in connection with the registration of a product under this Act is not t me or to its use if it has been covered by others.	ot by the Agency. In orde	er to protect health and the ordance with the Act. The	
On the basis of informa Rodenticide Act. Registration is in no wa environment, the Admi acceptance of any nam exclusive use of the nat This pro	ay to be construed as an endorsement or recommendation of this product inistrator, on his motion, may at any time suspend or cancel the registrate e in connection with the registration of a product under this Act is not t	ot by the Agency. In orden tion of a pesticide in acco to be construed as giving	er to protect health and the ordance with the Act. The the registrant a right to	
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On the basis of informa Rodenticide Act. Registration is in no wa environment, the Admi acceptance of any nam exclusive use of the nar This pro FIFRA sec 3(c)(: 1. Submi when the Agency responses require 2. Make th a. R Signature of Approving Adam Heyward Product Manag	ay to be construed as an endorsement or recommendation of this product inistrator, on his motion, may at any time suspend or cancel the registrate e in connection with the registration of a product under this Act is not to me or to its use if it has been covered by others. duct (OPP Decision Number: D-397119) is uncondit 5) provided that you: it and/or cite all data required for registration of you y requires all registrants of similar products to submed for re-registration of your product under FIFRA se he labeling changes listed below before you release levise the "EPA Registration Number to read, "EPA g Official:	to by the Agency. In order tion of a pesticide in accor- o be construed as giving tionally registered ar product under Fl it such data; and s section 4. the product for sh Reg. No. 3008-10 Date:	er to protect health and the ordance with the Act. The the registrant a right to I in accordance with IFRA sec. 3(c)(5) ubmit acceptable ipment: 00".	

Page 2 EPA Reg. No. 3008-100

b. Revise the first aid statement to read as follows:

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.
- 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, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If Swallowed:

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

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.

Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling. The Agency is moving away from review of paper submitted registration applications to electronic review of applications. Therefore, we need your help to make this an efficient and convenient process for both you and the Antimicrobials Division. Accordingly, we are asking you to submit future labeling amendments for this product via the electronic labeling process. Refer to the following website for guidance on electronic submissions, including label:

<u>http://www.epa.gov/oppfead1/eds/esr guidance.htm#overallsub</u>. If you have questions concerning electronic labeling, a list of contacts is available at the following site: http://www.epa.gov/oppfead1/eds/edsgoals.htm#contacts.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely,

Adam Heyward Product Manager 34 Regulatory Management Branch II Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles or safety glasses with side shields. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear eye protection and rubber gloves.

Protective clothing must be changed when it shows signs of contamination. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Applicators must not eat or 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, chemicals, handling freshly treated wood).

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wash waters. 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.

ORD-X310

ANTIMICROBIAL - WOOD PRESERVATIVE

Active Ingredients:	
Cuprous Oxide	* 66.64 %
Inert Ingredients	33.36 %
Total :	100.00 %

This Product Contains Sodium Nitrite. *Metallic Copper Equivalent: 59.0%

KEEP OUT OF REACH OF CHILDREN WARNING

	FIRST AID
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	 Call a poison control center or doctor
SWALLOWED:	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 IN EYE:	 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.
	 Call a poison control center or doctor for
	treatment advice.
	HOT LINE NUMBER
In case of emerge	ency, call CHEMTREC toll free at 800-424-9300.

In case of emergency, call CHEMTREC toll free at 800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS EPA Registration No. 3008-XX 2000 2000 EPA Establishment No. II 3008-TN-1 2000 2000 II 3008-SC-1

ACCEPTED Net Contents:

Manufactured by Osmose, Inc. 980 Ellicott Street Buffalo, NY 14209

Under the Federal Insecticide, Buttalo, NY Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Rea. No. 3008-100

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Use ORD-X310 to control all types of fungal decay of wood products - brown, white and soft rot and wood eating insects. ORD-X310 should be used to treat any wood product that will be exposed to conditions favorable to rot, decay or insect attack both above and in ground, or water. Types of products include lumber, timbers, landscape ties, fence boards, and posts, building poles and decks, docks, walkways, and wood shingles.

Tank mix ORD-X310 with quaternary ammoniul or azole compounds approved for wood treatment. Apply the tank mix solution by pressure impregnation. Follow the mixing instructions mix charts as a guide for obtaining the desired solution concentration. The percent solution to be used should be based on the retention, in lbs., per cubic foot (pcf), specified by the purchaser and by the treating process used.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these pesticides can be disposed of by use according to la instructions, contact your State Pesticide Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Plastic Container:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

Metal Container:

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

			MIX CHART			
Mi	xing Tabl		(310 + Quaterna opper/Quat 1:1	ary Ammonium Co Ratio	mpound	
Solution	Compone	ent Balance		o Mix 1000 Gallons Solu	tion	
Strength,		Basis (%)	Combine following Gallons of			
% Active	CuO	Quat	ORD-X310	Quat (50%)	Water	
0.60%	0.300	0.300	1.20	6.26	992.5	
0.65%	0.325	0.325	1.30	6.78	991.9	
0.70%	0.350	0.350	1.40	7.30	991.3	
0.75%	0.375	0.375	1,50	7.82	990.7	
0.80%	0.400	0.400	1.60	8.34	990.1	
0.85%	0.425	0.425	1.70	8.87	989.4	
0.90%	0.450	0.450	1.80	9.39	988.8	
0.95%	0.475	0.475	1.90	9.91	988.2	
1.00%	0.500	0.500	2.00	10.44	987.6	
1.10%	0.550	0.550	2.20	11.48	986.3	
1.20%	0.600	0.600	2.40	12.53	985.1	
1.30%	0.650	0.650	2.61	13.58	983.8	
1.40%	0.700	0.700	2.81	14.62	982.6	
1.50%	0.750	0.750	3.01	15.67	981.3	
1.60%	0.800	0.800	3.21	16.72	980.1	
1.70%	0.850	0.850	3.41	17.77	978.8	
1.80%	0.900	0.900	3.61	18.82	977.6	
1.90%	0.950	0.950	3.81	19.87	976.3	
2.00%	1.000	1.000	4.01	20.92	975.1	
2.10%	1.050	1.050	4.22	21.97	973.8	
2.20%	1.100	1.100	4.42	23.02	972.6	
2.30%	1.150	1.150	4.62	24.07	971.3	
2.40%	1.200	1.200	4.82	25.12	970.1	
2.50%	1.250	1.250	5.02	26.18	968.8	
2.60%	1.300	1.300	5.23	27.23	967.5	
2.70%	1.350	1.350	5.43	28.28	966.3	
2.80%	1.400	1.400	5.63	29.34	965.0	
2.90%	1.450	1.450	5.83	30.39	963.8	
3.00%	1.500	1.500	6.04	31.45	962.5	
.3.10%	1.550	1.550	6.24	32.50	961.3	
3.20%	1.600	1.600	6.44	33.56	960.0	
3.30%	1.650	1.650	6.64	34.62	958.7	
3.49%	1.700	1.700	6.85	35.67	957.5	
3.50%	1.750	1.750	7.05	36.73	956.2	
3:50%	1.800	1.800	7.25	37.79	955.0	
`3 .70%	1.850	1.850	7.46	38.85	953.7	
3.80%	1.900	1.900	7.66	39.91	952.4	
3.90%	1.950	1.950	7.86	40.97	951.2	

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, M	ixing Table		(310 + Quatern opper/Quat 2:1	ary Ammonium Co	mpound	
	0				ition	
Solution		nt Balance	To Mix 1000 Gallons Solution Combine following Gallons of			
Strength, % Active	Actives Basis (%) CuO Quat		ORD-X310			
				Quat (50%)		
0.60	0.40	0.20	1.60	4.17	994.	
0.65	0.43		1.74	4.52	993.	
		0.23	1.87	4.87	<u> </u>	
0.75	0.50	0.25	2.00	5.22	992.	
0.80	0.53	0.27	2.14	5.57	992.	
0.85	0.57	0.28	2.27	5.92	991.	
0.90	0.60	0.30	2.41	6.27	991.	
0.95	0.63	0.32	2.54	6.62	990.3	
1.00	0.67	0.33	2.67	6.96	990.4	
1.10	0.73	0.37	2.94	7.66	989.4	
1.20	0.80	0.40	3.21	8.36	988.4	
1.30	0.87	0.43	3.48	9.06	987.	
1.40	0.93	0.47	3.75	9.76	986.	
1.50	1.00	0.50	4.02	10.46	985.	
1.60	1.07	0.53	4.29	11.16	984.	
1.70	1.13	0.57	4.55	11.87	983.0	
1.80	1.20	0.60	4.82	12.57	982.0	
1.90	1.27	0.63	5.09	13.27	981.0	
2.00	1.33	0.67	5.36	13.97	980.	
2.10	1.40	0.70	5.63	14.68	979.	
2.20	1.47	0.73	5.90	15.38	978.	
2.30	1.53	0.77	6.17	16.09	977.	
2.40	1.60	0.80	6.45	16.79	976.	
2.50	1.67	0.83	6.72	17.50	975.	
2.60	1.73	0.87	6.99	18.20	974.	
2.70	1.80	0.90	7.26	18.91	973.	
2.80	1.87	0.93	7.53	19.62	972.	
2.90	1.93	0.97	7.80	20.32	971.	
3.00	2.00	1.00	8.07	21.03	970.9	
° 3.10	2.07	1.03	8.34	21.74	969.9	
3.20	2.13	1.07	8.62	22.45	968.9	
ં 3ૅ.૨૦	2.20	1.10	8.89	23.16	968.0	
3.40	2.27	1.13	9.16	23.87	967.0	
່ 3₂50 ເ	2.33	1.17	9.43	24.58	966.0	
° °3?60° °	2.40	1.20	9.71	25.29	965.0	
3.70	2.47	1.23	9.98	26.00	964.0	
3.80	2.53	1.27	10.25	26.71	963.0	
3.90	2.60	1.30	10.53	27.42	962.1	

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[· •	MIX CHART	#3	<u> </u>
	Mixina 1			Compound (ORD-	X300)
			eg. No. 3008-XX		······································
Liquid		omponent Balance To Mix		To Mix 1000 Gallons L	-
Strengt	••• •••	s Basis (%)		Combine following Gallo	
% Activ		Tebuconazole	ORD-X310	ORD-X300	Water
0.020		0.0008	0.10	0.021	999.9
0.060		0.0023	0.29	0.064	999.6
0.080		0.0031	0.38	0.085	999.5
0.100		0.0039	0.48	0.106	999.4
0.120		0.0047	0.58	0.128	<u>999.3</u> 999.2
0.160		0.0062	0.77	0.170	999.1
0.180		0.0070	0.87	0.192	998.9
0.200		0.0078	0.96	0.213	998.8
0.220		0.0086	<u>1.06</u> 1.16	0.234	<u>998.7</u> 998.6
0.260		0.0101	1.25	0.277	998.5
0.280	0.269	0.0109	1.35	0.298	998.4
0.300		0.0117	1.44	0.320	998.2
0.320		0.0125	<u> </u>	0.341	<u>998.1</u> 998.0
0.360		0.0140	1.73	0.384	997.9
0.380		0.0148	1.83	0.405	997.8
0.400		0.0156	1.93	0.426	997.6
0.420		0.0164	2.02	0.448	<u>997.5</u> 997.4
0.460		0.0172	2.22	0.491	997.3
0.480		0.0187	2.31	0.512	997.2
0.500		0.0195	2.41	0.533	997.1
0.520		0.0203	2.51	0.555	<u>996.9</u> 996.8
0.560		0.0218	2.70	0.598	996.7
- 0.580		0.0226	2.80	0.619	996.6
° 0,600	0.577	0.0234	2.89	0.640	996.5
0.620		0.0242	2.99	0.662	<u>996.3</u> 996.2
0.660		0.0257	3.19	0.705	996.1
0.680	0.653	-0.0265	3.28	0.726	996.0
0.700		0.0273	3.38	0.748	995.9
0.720		0.0281	3.48 3.57	0.769	995.8 995.6
0.760		0.0296	3.67	0.812	995.5
0.780		0.0304	3.77	0.834	995.4
0.800	0.769	0.0312	3.86	0.855	995.3
0.820		0.0320	<u>3.96</u> 4.06	0.877	<u>995.2</u> 995.0
0.840		0.0335	4.16	0.920	994.9
0.880		0.0343	4.25	0.941	994.8
0.900		0.0351	4.35	0.963	994.7
0.920		0.0359	4.45	0.984	994.6
0.940		0.0367	4.54	1.006	<u>994.4</u> 994.3
0.980		0.0382	4.74	1.049	994.2
1.000	0.961	0.0390	4.84	1.070	994.1
1.020		0.0398	4.93	1.092	994.0
1.040		0.0406	<u>5.03</u> 5.13	1.113 1.135	<u>993.9</u> 993.7
1.080		0.0413	5.23	1.156	993.6
1.100		0.0429	5.32	1.178	993.5

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