

3008-99

4/8/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

APR 8 2011

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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

Subject: **ORD-X400**
EPA Registration No. 3008-99
Application Date: March 10, 2011
Receipt Date: March 15, 2011

Dear Ms. Muchow:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 2007-4.


Proposed Notification:
Updating container disposal statements.

General Comment:

Based on a review of the material submitted, the container disposal statements are acceptable.

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6416 or by e-mail at Campbell-mcfarlane.Jacqueline@epa.gov or Glen McLeod by telephone at (703) 347-0181 or by e-mail at mcleod.glen@epa.gov during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,


Jacqueline McFarlane
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

CONCURRENCES

SYMBOL	SURNAME	DATE					

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 3008-99	2. EPA Product Manager Jacqueline Campbell-McFarlane	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) ORD-X400	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) Osmose, Inc. 980 Ellicott Street Buffalo, NY 14209 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4.
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Not for retail sale.		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph Paper glued Stenciled			<input checked="" type="checkbox"/> Other Pressure Sensitive Vinyl		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Teri Muchow	Title Manager - Regulatory Administration	Telephone No. (Include Area Code) 770-233-4244
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) _____ _____ _____
2. Signature <i>Teri Muchow</i>	3. Title Manager - Regulatory Administration	
4. Typed Name Teri Muchow	5. Date March 10, 2011	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS**

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. 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)
Mixers, loaders, applicators and other handlers must wear the following: long-sleeve shirt, long pants, shoes plus socks and chemical-resistant gloves. Applicators and other handlers must wear eye protection and rubber gloves.

User Safety Requirements
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

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).

USER SAFETY RECOMMENDATIONS
Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

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-X400

ANTIMICROBIAL – WOOD PRESERVATIVE

Active Ingredients:
Copper Carbonate* 48.0 %
(CAS No. 12069-69-1)
Inert Ingredients 52.0 %
Total : 100.0 %

This Product Contains Sodium Nitrite.
*Metallic Copper Equivalent: 28%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
IF ON SKIN:	<ul style="list-style-type: none"> 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 SWALLOWED:	<ul style="list-style-type: none"> 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.
HOT LINE NUMBER	
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. 3008-99
EPA Establishment No. 3008-TN-1
 3008-SC-1

Net Contents: _____

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

DIRECTIONS FOR USE

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

Use ORD-X400 to control all types of fungal decay of wood products - brown, white and soft rot and wood eating insects. ORD-X400 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-X400 with quaternary ammonium 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 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:
TOTES: Nonrefillable container. Do not reuse or refill this container. Empty tote container must be returned to a tote collection service. Contact product supplier for additional information.

BATCH CODE: _____

NOTIFICATION
Date Reviewed: 5/14/11
Reviewed By: [Signature]

OCT-2009

MIX CHART #1
Mixing Table for ORD-X400 + Quaternary Ammonium Compound
Copper/Quat 2:1 Ratio

Solution Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine following Gallons of		
	CuO	Quat	ORD-X400	Quat	Water
0.30	0.200	0.100	3.47	2.09	994.4
0.35	0.233	0.117	4.05	2.44	993.5
0.40	0.267	0.133	4.63	2.78	992.6
0.45	0.300	0.150	5.21	3.13	991.7
0.50	0.333	0.167	5.79	3.48	990.7
0.55	0.367	0.183	6.37	3.83	989.8
0.60	0.400	0.200	6.95	4.18	988.9
0.65	0.433	0.217	7.53	4.53	987.9
0.70	0.467	0.233	8.11	4.88	987.0
0.75	0.500	0.250	8.69	5.23	986.1
0.80	0.533	0.267	9.28	5.59	985.1
0.85	0.567	0.283	9.86	5.94	984.2
0.90	0.600	0.300	10.45	6.29	983.3
0.95	0.633	0.317	11.03	6.64	982.3
1.00	0.667	0.333	11.61	6.99	981.4
1.10	0.733	0.367	12.79	7.70	979.5
1.20	0.800	0.400	13.96	8.40	977.6
1.30	0.867	0.433	15.13	9.11	975.8
1.40	0.933	0.467	16.31	9.82	973.9
1.50	1.000	0.500	17.49	10.53	972.0
1.60	1.067	0.533	18.66	11.24	970.1
1.70	1.133	0.567	19.85	11.95	968.2
1.80	1.200	0.600	21.03	12.66	966.3
1.90	1.267	0.633	22.21	13.37	964.4
2.00	1.333	0.667	23.40	14.09	962.5
2.10	1.400	0.700	24.59	14.80	960.6
2.20	1.467	0.733	25.78	15.52	958.7
2.30	1.533	0.767	26.97	16.24	956.8
2.40	1.600	0.800	28.16	16.95	954.9
2.50	1.667	0.833	29.36	17.67	953.0
2.60	1.733	0.867	30.55	18.39	951.1
2.70	1.800	0.900	31.75	19.12	949.1
2.80	1.867	0.933	32.95	19.84	947.2
2.90	1.933	0.967	34.15	20.56	945.3
3.00	2.000	1.000	35.36	21.29	943.4
3.10	2.067	1.033	36.56	22.01	941.4
3.20	2.133	1.067	37.77	22.74	939.5
3.30	2.200	1.100	38.98	23.47	937.6
3.40	2.267	1.133	40.19	24.20	935.6
3.50	2.333	1.167	41.41	24.93	933.7
3.60	2.400	1.200	42.62	25.66	931.7
3.70	2.467	1.233	43.84	26.39	929.8
3.80	2.533	1.267	45.05	27.12	927.8
3.90	2.600	1.300	46.27	27.86	925.9

MIX CHART #2
Mixing Table for ORD-X400 + Quaternary Ammonium Compound
Copper/Quat 1:1 Ratio

Solution Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine following Gallons of		
	CuO	Quat	ORD-X400	Quat	Water
0.20%	0.100%	0.100%	1.73	2.08	996.2
0.25%	0.125%	0.125%	2.16	2.61	995.2
0.30%	0.150%	0.150%	2.60	3.13	994.3
0.35%	0.175%	0.175%	3.03	3.65	993.3
0.40%	0.200%	0.200%	3.47	4.17	992.4
0.45%	0.225%	0.225%	3.90	4.70	991.4
0.50%	0.250%	0.250%	4.34	5.22	990.4
0.55%	0.275%	0.275%	4.77	5.74	989.5
0.60%	0.300%	0.300%	5.20	6.27	988.5
0.65%	0.325%	0.325%	5.64	6.79	987.6
0.70%	0.350%	0.350%	6.08	7.32	986.6
0.75%	0.375%	0.375%	6.51	7.84	985.6
0.80%	0.400%	0.400%	6.95	8.36	984.7
0.85%	0.425%	0.425%	7.38	8.89	983.7
0.90%	0.450%	0.450%	7.82	9.42	982.8
0.95%	0.475%	0.475%	8.26	9.94	981.8
1.00%	0.500%	0.500%	8.69	10.47	980.8
1.10%	0.550%	0.550%	9.57	11.52	978.9
1.20%	0.600%	0.600%	10.44	12.57	977.0
1.30%	0.650%	0.650%	11.32	13.63	975.1
1.40%	0.700%	0.700%	12.20	14.68	973.1
1.50%	0.750%	0.750%	13.07	15.74	971.2
1.60%	0.800%	0.800%	13.95	16.80	969.2
1.70%	0.850%	0.850%	14.83	17.86	967.3
1.80%	0.900%	0.900%	15.71	18.92	965.4
1.90%	0.950%	0.950%	16.60	19.98	963.4
2.00%	1.000%	1.000%	17.48	21.04	961.5
2.10%	1.050%	1.050%	18.36	22.11	959.5
2.20%	1.100%	1.100%	19.25	23.17	957.6
2.30%	1.150%	1.150%	20.13	24.24	955.6
2.40%	1.200%	1.200%	21.02	25.31	953.7
2.50%	1.250%	1.250%	21.91	26.38	951.7
2.60%	1.300%	1.300%	22.79	27.45	949.8
2.70%	1.350%	1.350%	23.68	28.52	947.8
2.80%	1.400%	1.400%	24.57	29.59	945.8
2.90%	1.450%	1.450%	25.46	30.66	943.9
3.00%	1.500%	1.500%	26.36	31.74	941.9
3.10%	1.550%	1.550%	27.25	32.81	939.9
3.20%	1.600%	1.600%	28.14	33.89	938.0
3.30%	1.650%	1.650%	29.04	34.96	936.0
3.40%	1.700%	1.700%	29.93	36.04	934.0
3.50%	1.750%	1.750%	30.83	37.12	932.0
3.60%	1.800%	1.800%	31.73	38.20	930.1
3.70%	1.850%	1.850%	32.63	39.29	928.1
3.80%	1.900%	1.900%	33.53	40.37	926.1
3.90%	1.950%	1.950%	34.43	41.45	924.1

MIX CHART #3
Mixing Table for ORD-X400 + Azole Compound (ORD-X300)
 (EPA Reg. No. 3008-99 + 3008-97)

Liquid Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Liquid Combine following Gallons of		
	Cu	Tebuconazole	ORD-X400	ORD-X300	Water
0.160%	0.154%	0.0062%	3.33	0.170	996.5
0.180%	0.173%	0.0070%	3.75	0.192	996.1
0.200%	0.192%	0.0078%	4.17	0.213	995.6
0.220%	0.211%	0.0086%	4.58	0.235	995.2
0.240%	0.231%	0.0094%	5.00	0.256	994.7
0.260%	0.250%	0.0101%	5.42	0.277	994.3
0.280%	0.269%	0.0109%	5.84	0.299	993.9
0.300%	0.288%	0.0117%	6.26	0.320	993.4
0.320%	0.308%	0.0125%	6.68	0.342	993.0
0.340%	0.327%	0.0133%	7.10	0.363	992.5
0.360%	0.346%	0.0140%	7.52	0.385	992.1
0.380%	0.365%	0.0148%	7.94	0.406	991.7
0.400%	0.384%	0.0156%	8.36	0.428	991.2
0.420%	0.404%	0.0164%	8.78	0.449	990.8
0.440%	0.423%	0.0172%	9.20	0.471	990.3
0.460%	0.442%	0.0179%	9.62	0.492	989.9
0.480%	0.461%	0.0187%	10.04	0.514	989.4
0.500%	0.480%	0.0195%	10.46	0.535	989.0
0.520%	0.500%	0.0203%	10.88	0.557	988.6
0.540%	0.519%	0.0211%	11.30	0.578	988.1
0.560%	0.538%	0.0218%	11.72	0.600	987.7
0.580%	0.557%	0.0226%	12.15	0.622	987.2
0.600%	0.577%	0.0234%	12.57	0.643	986.8
0.620%	0.596%	0.0242%	12.99	0.665	986.3
0.640%	0.615%	0.0250%	13.41	0.686	985.9
0.660%	0.634%	0.0257%	13.84	0.708	985.5
0.680%	0.653%	0.0265%	14.26	0.730	985.0
0.700%	0.673%	0.0273%	14.68	0.751	984.6
0.720%	0.692%	0.0281%	15.11	0.773	984.1
0.740%	0.711%	0.0289%	15.53	0.795	983.7
0.760%	0.730%	0.0296%	15.95	0.817	983.2
0.780%	0.750%	0.0304%	16.38	0.838	982.8
0.800%	0.769%	0.0312%	16.80	0.860	982.3
0.820%	0.788%	0.0320%	17.23	0.882	981.9
0.840%	0.807%	0.0328%	17.65	0.903	981.4
0.860%	0.826%	0.0335%	18.08	0.925	981.0
0.880%	0.846%	0.0343%	18.50	0.947	980.5
0.900%	0.865%	0.0351%	18.93	0.969	980.1
0.920%	0.884%	0.0359%	19.36	0.991	979.7
0.940%	0.903%	0.0367%	19.78	1.012	979.2
0.960%	0.923%	0.0374%	20.21	1.034	978.8
0.980%	0.942%	0.0382%	20.64	1.056	978.3
1.000%	0.961%	0.0390%	21.06	1.078	977.9
1.020%	0.980%	0.0398%	21.49	1.100	977.4
1.040%	0.999%	0.0406%	21.92	1.122	977.0
1.060%	1.019%	0.0413%	22.35	1.144	976.5
1.080%	1.038%	0.0421%	22.77	1.165	976.1
1.100%	1.057%	0.0429%	23.20	1.187	975.6