



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

September 10, 2008

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

Subject: Product Name: ORD-X370  
EPA Reg. Number: 3008-92  
Application Date: 24-Jul-2008  
Receipt Date: 25-Jul-2008

Dear Ms. Muchow:

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

**Proposed Amendment**

- Revised label (updated mix charts and directions)

**General Comments**

A copy of the stamped label is enclosed for your records.

If you have further questions or comments, you may contact me by telephone at 703.308.6422 or via email at [heyward.adam@epa.gov](mailto:heyward.adam@epa.gov) during the hours of 7:00am to 4:00pm EST with a response and for any questions concerning this letter. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Heyward".

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, 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)

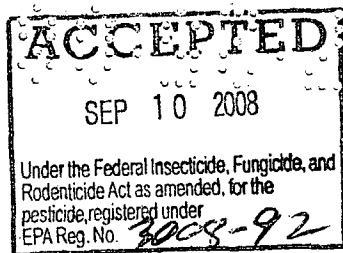
Applicators and other handlers must wear eye protection and rubber gloves.

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 if 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-X370**

ANTIMICROBIAL - WOOD PRESERVATIVE

Active Ingredients:  
Copper Carbonate\*..... 57.6 %  
Inert Ingredients..... 42.4 %  
Total : 100.0 %

This Product Contains Sodium Nitrite.

\*Metallic Copper Equivalent: 33.31%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
<b>IF ON SKIN:</b>	<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>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
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. 3008-92  
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-X370 to control all types of fungal decay of wood products - brown, white and soft rot and wood eating insects. ORD-X370 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-X370 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 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 #1

## Mixing Tab for ORD-X370 + 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-X370	Quat (50%)	Water
0.30	0.200	0.100	2.76	2.09	995.2
0.35	0.233	0.117	3.22	2.44	994.3
0.40	0.267	0.133	3.68	2.78	993.5
0.45	0.300	0.150	4.15	3.13	992.7
0.50	0.333	0.167	4.61	3.48	991.9
0.55	0.367	0.183	5.07	3.83	991.1
0.60	0.400	0.200	5.53	4.18	990.3
0.65	0.433	0.217	6.00	4.53	989.5
0.70	0.467	0.233	6.46	4.88	988.7
0.75	0.500	0.250	6.93	5.23	987.8
0.80	0.533	0.267	7.39	5.58	987.0
0.85	0.567	0.283	7.85	5.93	986.2
0.90	0.600	0.300	8.32	6.29	985.4
0.95	0.633	0.317	8.78	6.64	984.6
1.00	0.667	0.333	9.25	6.99	983.8
1.10	0.733	0.367	10.18	7.69	982.1
1.20	0.800	0.400	11.11	8.40	980.5
1.30	0.867	0.433	12.05	9.10	978.8
1.40	0.933	0.467	12.98	9.81	977.2
1.50	1.000	0.500	13.92	10.52	975.6
1.60	1.067	0.533	14.86	11.23	973.9
1.70	1.133	0.567	15.80	11.94	972.3
1.80	1.200	0.600	16.74	12.65	970.6
1.90	1.267	0.633	17.68	13.36	969.0
2.00	1.333	0.667	18.62	14.07	967.3
2.10	1.400	0.700	19.57	14.78	965.6
2.20	1.467	0.733	20.51	15.50	964.0
2.30	1.533	0.767	21.46	16.21	962.3
2.40	1.600	0.800	22.41	16.93	960.7
2.50	1.667	0.833	23.36	17.65	959.0
2.60	1.733	0.867	24.31	18.37	957.3
2.70	1.800	0.900	25.26	19.08	955.7
2.80	1.867	0.933	26.21	19.80	954.0
2.90	1.933	0.967	27.17	20.53	952.3
3.00	2.000	1.000	28.12	21.25	950.6
3.10	2.067	1.033	29.08	21.97	948.9
3.20	2.133	1.067	30.04	22.70	947.3
3.30	2.200	1.100	31.00	23.42	945.6
3.40	2.267	1.133	31.96	24.15	943.9
3.50	2.333	1.167	32.92	24.87	942.2
3.60	2.400	1.200	33.89	25.60	940.5
3.70	2.467	1.233	34.85	26.33	938.8
3.80	2.533	1.267	35.82	27.06	937.1
3.90	2.600	1.300	36.78	27.79	935.4

**ACCEPTED**

SEP 10 2008

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 3005-92

## MIX CHART #2

**Mixing Table for ORD-X370 + 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-X370	Quat (50%)	Water
0.30	0.15	0.15	2.07	3.13	994.8
0.35	0.18	0.18	2.42	3.65	993.9
0.40	0.20	0.20	2.76	4.17	993.1
0.45	0.23	0.23	3.11	4.70	992.2
0.50	0.25	0.25	3.45	5.22	991.3
0.55	0.28	0.28	3.80	5.74	990.5
0.60	0.30	0.30	4.15	6.27	989.6
0.65	0.33	0.33	4.49	6.79	988.7
0.70	0.35	0.35	4.84	7.31	987.8
0.75	0.38	0.38	5.19	7.84	987.0
0.80	0.40	0.40	5.53	8.36	986.1
0.85	0.43	0.43	5.88	8.89	985.2
0.90	0.45	0.45	6.23	9.41	984.4
0.95	0.48	0.48	6.58	9.94	983.5
1.00	0.50	0.50	6.92	10.46	982.6
1.10	0.55	0.55	7.62	11.51	980.9
1.20	0.60	0.60	8.32	12.57	979.1
1.30	0.65	0.65	9.01	13.62	977.4
1.40	0.70	0.70	9.71	14.68	975.6
1.50	0.75	0.75	10.41	15.73	973.9
1.60	0.80	0.80	11.11	16.79	972.1
1.70	0.85	0.85	11.81	17.85	970.3
1.80	0.90	0.90	12.51	18.90	968.6
1.90	0.95	0.95	13.21	19.96	966.8
2.00	1.00	1.00	13.91	21.03	965.1
2.10	1.05	1.05	14.62	22.09	963.3
2.20	1.10	1.10	15.32	23.15	961.5
2.30	1.15	1.15	16.02	24.21	959.8
2.40	1.20	1.20	16.73	25.28	958.0
2.50	1.25	1.25	17.43	26.35	956.2
2.60	1.30	1.30	18.14	27.41	954.4
2.70	1.35	1.35	18.85	28.48	952.7
2.80	1.40	1.40	19.56	29.55	950.9
2.90	1.45	1.45	20.26	30.62	949.1
3.00	1.50	1.50	20.97	31.69	947.3
3.10	1.55	1.55	21.68	32.76	945.6
3.20	1.60	1.60	22.39	33.84	943.8
3.30	1.65	1.65	23.10	34.91	942.0
3.40	1.70	1.70	23.81	35.99	940.2
3.50	1.75	1.75	24.53	37.06	938.4
3.60	1.80	1.80	25.24	38.14	936.6
3.70	1.85	1.85	25.95	39.22	934.8
3.80	1.90	1.90	26.67	40.30	933.0
3.90	1.95	1.95	27.38	41.38	931.2

### MIX CHART #3

#### Mixing Table for ORD-X370 + Azole Compound (MTZ)

(EPA Reg. No. 3008-92 + 3008-97)

Liquid Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Liquid Combine following Gallons of		
	Cu	Tebuconazole	ORD-X370	MTZ	Water
0.160	0.154	0.0062	2.64	0.170	997.2
0.180	0.173	0.0070	2.97	0.192	996.8
0.200	0.192	0.0078	3.30	0.213	996.5
0.220	0.211	0.0086	3.63	0.235	996.1
0.240	0.231	0.0094	3.96	0.256	995.8
0.260	0.250	0.0101	4.29	0.277	995.4
0.280	0.269	0.0109	4.63	0.299	995.1
0.300	0.288	0.0117	4.96	0.320	994.7
0.320	0.308	0.0125	5.29	0.342	994.4
0.340	0.327	0.0133	5.62	0.363	994.0
0.360	0.346	0.0140	5.95	0.385	993.7
0.380	0.365	0.0148	6.28	0.406	993.3
0.400	0.384	0.0156	6.62	0.427	993.0
0.420	0.404	0.0164	6.95	0.449	992.6
0.440	0.423	0.0172	7.28	0.470	992.2
0.460	0.442	0.0179	7.62	0.492	991.9
0.480	0.461	0.0187	7.95	0.513	991.5
0.500	0.480	0.0195	8.28	0.535	991.2
0.520	0.500	0.0203	8.62	0.557	990.8
0.540	0.519	0.0211	8.95	0.578	990.5
0.560	0.538	0.0218	9.28	0.600	990.1
0.580	0.557	0.0226	9.62	0.621	989.8
0.600	0.577	0.0234	9.95	0.643	989.4
0.620	0.596	0.0242	10.28	0.664	989.1
0.640	0.615	0.0250	10.62	0.686	988.7
0.660	0.634	0.0257	10.95	0.708	988.3
0.680	0.653	0.0265	11.29	0.729	988.0
0.700	0.673	0.0273	11.62	0.751	987.6
0.720	0.692	0.0281	11.96	0.772	987.3
0.740	0.711	0.0289	12.29	0.794	986.9
0.760	0.730	0.0296	12.63	0.816	986.6
0.780	0.750	0.0304	12.97	0.838	986.2
0.800	0.769	0.0312	13.30	0.859	985.8
0.820	0.788	0.0320	13.64	0.881	985.5
0.840	0.807	0.0328	13.97	0.903	985.1
0.860	0.826	0.0335	14.31	0.924	984.8
0.880	0.846	0.0343	14.65	0.946	984.4
0.900	0.865	0.0351	14.98	0.968	984.0
0.920	0.884	0.0359	15.32	0.990	983.7
0.940	0.903	0.0367	15.66	1.011	983.3
0.960	0.923	0.0374	15.99	1.033	983.0
0.980	0.942	0.0382	16.33	1.055	982.6
1.000	0.961	0.0390	16.67	1.077	982.3
1.020	0.980	0.0398	17.01	1.099	981.9
1.040	0.999	0.0406	17.34	1.120	981.5
1.060	1.019	0.0413	17.68	1.142	981.2
1.080	1.038	0.0421	18.02	1.164	980.8
1.100	1.057	0.0429	18.36	1.186	980.5

## MIX CHART #4

### Mixing Table for ORD-X370 + Azole Compound (STZ)

(EPA Reg. No. 3008-92 + 3008-98)

Liquid Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Liquid Combine following Gallons of		
	Cu	Tebuconazole	ORD-X370	Tebuconazole (5.6%)	Water
0.20	0.192	0.0078	3.30	1.396	995.3
0.25	0.240	0.0098	4.13	1.747	994.1
0.30	0.288	0.0117	4.96	2.097	992.9
0.35	0.336	0.0137	5.79	2.448	991.8
0.40	0.384	0.0156	6.62	2.800	990.6
0.45	0.432	0.0176	7.45	3.152	989.4
0.50	0.480	0.0195	8.28	3.504	988.2
0.55	0.529	0.0215	9.12	3.857	987.0
0.60	0.577	0.0234	9.95	4.210	985.8
0.65	0.625	0.0254	10.79	4.564	984.7
0.70	0.673	0.0273	11.62	4.918	983.5
0.75	0.721	0.0293	12.46	5.272	982.3
0.80	0.769	0.0312	13.30	5.627	981.1
0.85	0.817	0.0332	14.14	5.983	979.9
0.90	0.865	0.0351	14.98	6.339	978.7
0.95	0.913	0.0371	15.82	6.695	977.5
1.00	0.961	0.0390	16.67	7.052	976.3
1.05	1.009	0.0410	17.51	7.409	975.1
1.10	1.057	0.0429	18.36	7.767	973.9
1.15	1.105	0.0449	19.20	8.125	972.7
1.20	1.153	0.0468	20.05	8.484	971.5
1.25	1.201	0.0488	20.90	8.843	970.3
1.30	1.249	0.0507	21.75	9.202	969.0
1.35	1.297	0.0527	22.60	9.562	967.8
1.40	1.345	0.0546	23.45	9.923	966.6
1.45	1.393	0.0566	24.30	10.283	965.4
1.50	1.441	0.0585	25.16	10.645	964.2