

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

EPA Reg. Number: 3008-87

Date of Issuance: SEP - 8 2003

NOTICE OF PESTICIDE:
[X] Registration
[] Reregistration
(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product: NW 100-C

Name and Address of Registrant (include ZIP Code):
Osmose Utilities Services, Inc.
980 Ellicott
Buffalo, NY 14209

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment.

a. Add the phrase EPA Registration Number '3008-87'

Signature of Approving Official:

Date:

Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobial Division Branch (7510C)

SEP - 8 2003

EPA Form 8570-6

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE, used for recording approvals.

286

b. Add the following statement to Precautionary Statement:

"With thoroughly with soap and water after handling and before eating, drinking, or using tobacco."

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the above revisions.

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 product constitutes acceptance of these conditions.

Sincerely,

Adam yward
Adam yward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

Enclosure

**Precautionary Statements
Hazards to Humans and Domestic Animals**

DANGER

Corrosive. Causes irreversible eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed, absorbed through the skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTION EQUIPMENT (PPE):

Applicators and other handlers must wear: coveralls worn over long sleeved shirt and long pants; chemical-resistant footwear plus socks; goggles or face shield; chemical-resistant gloves (such as: barrier laminate, butyl rubber, neoprene rubber, nitrile rubber, polyvinyl chloride (PVC and Vitron). For cleaning equipment, a chemical-resistant apron must also be worn. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove personnel protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 when disposing of equipment washwaters. 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 authority. For guidance, contact your State Water Board or Regional Office of the EPA.

SAFE HANDLING PROCEDURES

Do not attempt to use without implementing the necessary safety equipment. Applicators must wear gloves impervious to wood treatment solutions in all situations where dermal contact is expected (i.e., handling freshly treated wood, manually opening cylinder doors, etc.)

Individuals who enter treatment cylinders and other related equipment contaminated with wood treatment solutions must wear protective clothing, (including overalls, jacket, gloves, and boots), impervious to wood treatment solutions. In addition, individuals who enter treatment cylinders must wear properly fitting, well-maintained, high efficiency respirators that are MSHA/NIOSH-approved for ammonia. If level of ammonia in the plant is unknown or exceeds 35 ppm (STEL) or 25 ppm (ACGIH) or air averaged over an 8-hour work period, air monitoring programs, procedures, and record retention and submission must be conducted in accordance with OSHA Standards.

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 concentrate or solutions (i.e., manually opening/closing cylinder doors, moving trams out of the cylinder, mixing chemicals, handling freshly treated wood, etc.)

Wash thoroughly after skin contact and before eating, drinking, using tobacco products, or using restrooms.

Protective clothing must be replaced when it shows signs of significant contamination. Applicator must leave all protective clothing, work shoes or boots, and equipment at the treatment plant. Worn out or severely contaminated protective clothing must be disposed of in a manner approved for pesticide disposal and in accordance with state and federal regulations.

NW 100-C

For the control of wood damaging fungi and insects.

ACTIVE INGREDIENTS:

Copper as elemental* 9.0%
INERT INGREDIENTS:..... 91.0%
TOTAL.....100.0%

*From mixed Copper ethanolamine complexes.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID

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 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 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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of an emergency, for additional information call CHEMTREC toll free at 1-800-424-9300.

EPA Reg. No.: 3008-

EPA Est. No.: 3008-TN-1

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

NET Contents: _____ Gallons

DIRECT

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PESTICIDE IN A MANNER INCONSISTENT WITH THE LABEL.

Use NW 100-C to control all types of white and soft rot and wood eating fungi. NW 100-C should be used to treat any wood that is susceptible to rot, decay or insect attack. Types of products include lumber, building and utility poles, land, fresh water and wood shingles.

Tank mix NW 100-C with quaternary ammonium wood treatment. Apply the tank mix according to the mixing instructions "Solution Mixing". The concentration of the solution should be based on the retention, the wood species, and by the treating procedure.

A 3% solution can be used to field apply by brush-on application.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed.

PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Do not reuse or spray mixture, or rinsate is a violation of law. It must be disposed of by use according to label. Pesticide or Environmental Control Agency representative at the nearest EPA Field Office.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then recycle or puncture and dispose of in a sanitary landfill.

Under the Fungicide, amended, registered u

4 8 6

Solution Mixing Table for NW 100-C and ADBAC (2 Component System)

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine following Gallons of		
	CuO	ADBAC	NW 100-C	ADBAC (50%)	Water
0.60%	0.400%	0.200%	28.1	4.09	967.8
0.65%	0.433%	0.217%	30.5	4.44	965.1
0.70%	0.467%	0.233%	32.8	4.78	962.4
0.75%	0.500%	0.250%	35.2	5.13	959.7
0.80%	0.533%	0.267%	37.6	5.47	957.0
0.85%	0.567%	0.283%	39.9	5.82	954.2
0.90%	0.600%	0.300%	42.3	6.16	951.5
0.95%	0.633%	0.317%	44.7	6.51	948.8
1.00%	0.667%	0.333%	47.1	6.86	946.1
1.10%	0.733%	0.367%	51.9	7.55	940.6
1.20%	0.800%	0.400%	56.6	8.25	935.1
1.30%	0.867%	0.433%	61.4	8.95	929.6
1.40%	0.933%	0.467%	66.3	9.65	924.1
1.50%	1.000%	0.500%	71.1	10.35	918.6
1.60%	1.067%	0.533%	75.9	11.06	913.0
1.70%	1.133%	0.567%	80.8	11.76	907.5
1.80%	1.200%	0.600%	85.6	12.47	901.9
1.90%	1.267%	0.633%	90.5	13.18	896.3
2.00%	1.333%	0.667%	95.4	13.89	890.7
2.10%	1.400%	0.700%	100.3	14.61	885.1
2.20%	1.467%	0.733%	105.2	15.32	879.5
2.30%	1.533%	0.767%	110.1	16.04	873.8
2.40%	1.600%	0.800%	115.0	16.76	868.2
2.50%	1.667%	0.833%	120.0	17.48	862.5
2.60%	1.733%	0.867%	125.0	18.20	856.8
2.70%	1.800%	0.900%	129.9	18.93	851.1
2.80%	1.867%	0.933%	134.9	19.65	845.4
2.90%	1.933%	0.967%	139.9	20.38	839.7
3.00%	2.000%	1.000%	144.9	21.11	834.0
3.10%	2.067%	1.033%	150.0	21.84	828.2
3.20%	2.133%	1.067%	155.0	22.58	822.4
3.30%	2.200%	1.100%	160.1	23.31	816.6
3.40%	2.267%	1.133%	165.1	24.05	810.8
3.50%	2.333%	1.167%	170.2	24.79	805.0
3.60%	2.400%	1.200%	175.3	25.53	799.2
3.70%	2.467%	1.233%	180.4	26.28	793.3
3.80%	2.533%	1.267%	185.5	27.02	787.5
3.90%	2.600%	1.300%	190.7	27.77	781.6

Solution Mixing Table for NW 100-C and DDAC (2 Component System)

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine following Gallons of		
	CuO	DDAC	NW 100-C	DDAC (50%)	Water
0.60%	0.400%	0.200%	28.1	4.36	967.5
0.65%	0.433%	0.217%	30.5	4.72	964.8
0.70%	0.467%	0.233%	32.8	5.09	962.1
0.75%	0.500%	0.250%	35.2	5.45	959.4
0.80%	0.533%	0.267%	37.6	5.82	956.6
0.85%	0.567%	0.283%	39.9	6.19	953.9
0.90%	0.600%	0.300%	42.3	6.56	951.1
0.95%	0.633%	0.317%	44.7	6.93	948.4
1.00%	0.667%	0.333%	47.1	7.29	945.6
1.10%	0.733%	0.367%	51.8	8.03	940.1
1.20%	0.800%	0.400%	56.6	8.77	934.6
1.30%	0.867%	0.433%	61.4	9.52	929.1
1.40%	0.933%	0.467%	66.2	10.26	923.5
1.50%	1.000%	0.500%	71.0	11.01	918.0
1.60%	1.067%	0.533%	75.9	11.76	912.4
1.70%	1.133%	0.567%	80.7	12.51	906.8
1.80%	1.200%	0.600%	85.6	13.26	901.2
1.90%	1.267%	0.633%	90.4	14.01	895.6
2.00%	1.333%	0.667%	95.3	14.77	889.9
2.10%	1.400%	0.700%	100.2	15.53	884.3
2.20%	1.467%	0.733%	105.1	16.29	878.6
2.30%	1.533%	0.767%	110.0	17.05	873.0
2.40%	1.600%	0.800%	114.9	17.81	867.3
2.50%	1.667%	0.833%	119.9	18.58	861.6
2.60%	1.733%	0.867%	124.8	19.34	855.8
2.70%	1.800%	0.900%	129.8	20.11	850.1
2.80%	1.867%	0.933%	134.8	20.88	844.4
2.90%	1.933%	0.967%	139.7	21.66	838.6
3.00%	2.000%	1.000%	144.7	22.43	832.8
3.10%	2.067%	1.033%	149.8	23.21	827.0
3.20%	2.133%	1.067%	154.8	23.99	821.2
3.30%	2.200%	1.100%	159.8	24.77	815.4
3.40%	2.267%	1.133%	164.9	25.55	809.6
3.50%	2.333%	1.167%	169.9	26.34	803.7
3.60%	2.400%	1.200%	175.0	27.12	797.9
3.70%	2.467%	1.233%	180.1	27.91	792.0
3.80%	2.533%	1.267%	185.2	28.70	786.1
3.90%	2.600%	1.300%	190.3	29.50	780.2

Solution Mixing Table for NW 100-C and DDACarbonate (2 Component System)

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine following Gallons of		
	CuO	DDACarbonate	NW 100-C	DDACarbonate (50%)	Water
0.60%	0.400%	0.200%	28.1	4.17	967.7
0.65%	0.433%	0.217%	30.5	4.52	965.0
0.70%	0.467%	0.233%	32.8	4.87	962.3
0.75%	0.500%	0.250%	35.2	5.23	959.6
0.80%	0.533%	0.267%	37.6	5.58	956.9
0.85%	0.567%	0.283%	39.9	5.93	954.1
0.90%	0.600%	0.300%	42.3	6.28	951.4
0.95%	0.633%	0.317%	44.7	6.64	948.7
1.00%	0.667%	0.333%	47.1	6.99	945.9
1.10%	0.733%	0.367%	51.8	7.70	940.5
1.20%	0.800%	0.400%	56.6	8.41	935.0
1.30%	0.867%	0.433%	61.4	9.12	929.4
1.40%	0.933%	0.467%	66.2	9.84	923.9
1.50%	1.000%	0.500%	71.1	10.55	918.4
1.60%	1.067%	0.533%	75.9	11.27	912.8
1.70%	1.133%	0.567%	80.7	11.99	907.3
1.80%	1.200%	0.600%	85.6	12.71	901.7
1.90%	1.267%	0.633%	90.5	13.43	896.1
2.00%	1.333%	0.667%	95.4	14.16	890.5
2.10%	1.400%	0.700%	100.2	14.89	884.9
2.20%	1.467%	0.733%	105.2	15.61	879.2
2.30%	1.533%	0.767%	110.1	16.35	873.6
2.40%	1.600%	0.800%	115.0	17.08	867.9
2.50%	1.667%	0.833%	120.0	17.81	862.2
2.60%	1.733%	0.867%	124.9	18.55	856.5
2.70%	1.800%	0.900%	129.9	19.29	850.8
2.80%	1.867%	0.933%	134.9	20.03	845.1
2.90%	1.933%	0.967%	139.9	20.77	839.4
3.00%	2.000%	1.000%	144.9	21.51	833.6
3.10%	2.067%	1.033%	149.9	22.26	827.8
3.20%	2.133%	1.067%	154.9	23.01	822.1
3.30%	2.200%	1.100%	160.0	23.76	816.3
3.40%	2.267%	1.133%	165.0	24.51	810.4
3.50%	2.333%	1.167%	170.1	25.26	804.6
3.60%	2.400%	1.200%	175.2	26.02	798.8
3.70%	2.467%	1.233%	180.3	26.77	792.9
3.80%	2.533%	1.267%	185.4	27.53	787.0
3.90%	2.600%	1.300%	190.6	28.29	781.2