

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: **CMC 9.0**
EPA Registration No. 3008-103
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					



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 3008-103	2. EPA Product Manager Jacqueline Campbell-McFarlane	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CMC 9.0 WOOD PRESERVATIVE	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
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
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 <input type="checkbox"/> Paper glued <input type="checkbox"/> 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**

USER SAFETY REQUIREMENTS

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Wear appropriate protective clothing and equipment (see below). Remove and wash contaminated clothing before reuse. Users must wash thoroughly after skin contact and before eating, drinking, using tobacco products, or using restrooms. Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove personal protective equipment immediately after handling this product. As soon as possible wash thoroughly and change into clean clothing.

PERSONAL PROTECTION EQUIPMENT (PPE):

Mixers, loaders, applicators and other handlers must wear:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- Goggles

Some materials that are chemical-resistant to this product are polyvinyl chloride, nitrile rubber, or butyl rubber. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection sheet. For cleaning equipment, a chemical-resistant apron must also be worn. 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. Wash the outside of gloves before removing.

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.

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 coveralls, 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 the 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 submittal must be conducted in accordance with OSHA standards.

Applicators must not eat, 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, shoving 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates and may contaminate water through runoff. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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.

CMC 9.0

Wood Preservative

For the control of wood damaging fungi and insects.

ACTIVE INGREDIENTS:

Copper Carbonate*.....15.66%
(CAS# 12069-69-1)

INERT INGREDIENTS:..... 84.34%
TOTAL.....100.0%

*Metallic Copper Equivalent - 9.0%
Ethanolamine complex of copper carbonate
Contains 0.924 pounds of elemental copper per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Si usted no entiende la etiqueta, busque a alguien por quien se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EPA Reg. No.: 3008-103 EPA Est. No.: 3008-TN-001
3008-SC-001

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

NET CONTENTS: _____

BATCH NUMBER: _____

NOTIFICATION
Date Reviewed: 3/11/11
Reviewed By: [Signature]

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Use CMC 9.0 to control all types of fungal decay of wood products - brown, white and soft rot and wood eating insects, including termites. CMC 9.0 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 posts, building and utility poles, land, freshwater and marine piling, sea walls, decking and wood shingles.

Tank mix CMC 9.0 with quaternary ammonium compounds approved for wood treatment. Apply the tank mix solution by pressure impregnation. Follow the mixing instructions in the appropriate "Solution Mixing Table for CMC 9.0 (2 component)", 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.

A 3% solution can be used to field coat the cut ends of pressure treated wood by brush-on application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Keep from freezing (above 40°F) in a tightly closed container. Store in a cool dry area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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: This product is distributed either by bulk tank trucks, bulk tote containers or drums.

Drums:

Nonrefillable container. Do not reuse or refill this container. 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 1/4 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 the procedure two more times. Offer for reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Tote Container:

TOTES: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Empty tote container must be returned to a tote collection agent.

Residue Removal - Cleaning container before final disposal is the responsibility of the person disposing of the container. To clean container before final disposal, fill container about 10 percent full with water; agitate container vigorously; discard rinsate according to pesticide disposal instructions; repeat this rinsing procedure two more times. For additional container disposal information, contact product supplier.

**Solution Mixing Table for CMC 9.0 and 50% Didecyl Dimethyl Ammonium Chloride
(2-Component System)**

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDAC	CMC 9.0	DDAC (50%)	Water
0.60%	0.400%	0.200%	29.0	4.35	966.6
0.65%	0.433%	0.217%	31.5	4.72	963.8
0.70%	0.467%	0.233%	33.9	5.08	961.0
0.75%	0.500%	0.250%	36.3	5.45	958.2
0.80%	0.533%	0.267%	38.8	5.81	955.4
0.85%	0.567%	0.283%	41.2	6.18	952.6
0.90%	0.600%	0.300%	43.7	6.55	949.8
0.95%	0.633%	0.317%	46.1	6.91	946.9
1.00%	0.667%	0.333%	48.6	7.28	944.1
1.10%	0.733%	0.367%	53.5	8.02	938.5
1.20%	0.800%	0.400%	58.4	8.76	932.8
1.30%	0.867%	0.433%	63.4	9.50	927.1
1.40%	0.933%	0.467%	68.3	10.24	921.4
1.50%	1.000%	0.500%	73.3	10.98	915.7
1.60%	1.067%	0.533%	78.2	11.73	910.0
1.70%	1.133%	0.567%	83.2	12.47	904.3
1.80%	1.200%	0.600%	88.2	13.22	898.6
1.90%	1.267%	0.633%	93.2	13.97	892.8
2.00%	1.333%	0.667%	98.2	14.72	887.0
2.10%	1.400%	0.700%	103.3	15.47	881.3
2.20%	1.467%	0.733%	108.3	16.23	875.5
2.30%	1.533%	0.767%	113.3	16.99	869.7
2.40%	1.600%	0.800%	118.4	17.74	863.9
2.50%	1.667%	0.833%	123.5	18.50	858.0
2.60%	1.733%	0.867%	128.5	19.26	852.2
2.70%	1.800%	0.900%	133.6	20.03	846.4
2.80%	1.867%	0.933%	138.7	20.79	840.5
2.90%	1.933%	0.967%	143.8	21.56	834.6
3.00%	2.000%	1.000%	149.0	22.32	828.7
3.10%	2.067%	1.033%	154.1	23.09	822.8
3.20%	2.133%	1.067%	159.2	23.86	816.9
3.30%	2.200%	1.100%	164.4	24.64	811.0
3.40%	2.267%	1.133%	169.6	25.41	805.0
3.50%	2.333%	1.167%	174.7	26.19	799.1
3.60%	2.400%	1.200%	179.9	26.96	793.1
3.70%	2.467%	1.233%	185.1	27.74	787.1
3.80%	2.533%	1.267%	190.3	28.53	781.1
3.90%	2.600%	1.300%	195.6	29.31	775.1

48

**Solution Mixing Table for CMC 9.0 and 80% Didecyl Dimethyl Ammonium Chloride
(2-Component System)**

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDAC	CMC 9.0	DDAC (80%)	Water
0.60%	0.400%	0.200%	29.0	2.81	968.2
0.65%	0.433%	0.217%	31.5	3.04	965.5
0.70%	0.467%	0.233%	33.9	3.28	962.8
0.75%	0.500%	0.250%	36.3	3.52	960.1
0.80%	0.533%	0.267%	38.8	3.75	957.5
0.85%	0.567%	0.283%	41.2	3.99	954.8
0.90%	0.600%	0.300%	43.7	4.23	952.1
0.95%	0.633%	0.317%	46.1	4.46	949.4
1.00%	0.667%	0.333%	48.6	4.70	946.7
1.10%	0.733%	0.367%	53.5	5.18	941.3
1.20%	0.800%	0.400%	58.4	5.65	935.9
1.30%	0.867%	0.433%	63.4	6.13	930.5
1.40%	0.933%	0.467%	68.3	6.61	925.1
1.50%	1.000%	0.500%	73.3	7.09	919.8
1.60%	1.067%	0.533%	78.3	7.57	914.2
1.70%	1.133%	0.567%	83.2	8.05	908.7
1.80%	1.200%	0.600%	88.2	8.53	903.2
1.90%	1.267%	0.633%	93.2	9.02	897.8
2.00%	1.333%	0.667%	98.2	9.50	892.3
2.10%	1.400%	0.700%	103.3	9.99	886.7
2.20%	1.467%	0.733%	108.3	10.48	881.2
2.30%	1.533%	0.767%	113.3	10.97	875.7
2.40%	1.600%	0.800%	118.4	11.45	870.1
2.50%	1.667%	0.833%	123.5	11.94	864.6
2.60%	1.733%	0.867%	128.5	12.44	859.0
2.70%	1.800%	0.900%	133.6	12.93	853.4
2.80%	1.867%	0.933%	138.7	13.42	847.8
2.90%	1.933%	0.967%	143.9	13.92	842.2
3.00%	2.000%	1.000%	149.0	14.41	836.6
3.10%	2.067%	1.033%	154.1	14.91	831.0
3.20%	2.133%	1.067%	159.3	15.41	825.3
3.30%	2.200%	1.100%	164.4	15.91	819.7
3.40%	2.267%	1.133%	169.6	16.41	814.0
3.50%	2.333%	1.167%	174.8	16.91	808.3
3.60%	2.400%	1.200%	180.0	17.41	802.6
3.70%	2.467%	1.233%	185.2	17.91	796.9
3.80%	2.533%	1.267%	190.4	18.42	791.2
3.90%	2.600%	1.300%	195.6	18.92	785.5

Solution Mixing Table for CMC 9.0 and 50% Alkyl Dimethyl Benzyl Ammonium Chloride (2-Component System)

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	ADBAC	CMC 9.0	ADBAC (50%)	Water
0.60%	0.400%	0.200%	29.0	4.09	966.9
0.65%	0.433%	0.217%	31.5	4.43	964.1
0.70%	0.467%	0.233%	33.9	4.78	961.3
0.75%	0.500%	0.250%	36.4	5.12	958.5
0.80%	0.533%	0.267%	38.8	5.47	955.7
0.85%	0.567%	0.283%	41.3	5.81	952.9
0.90%	0.600%	0.300%	43.7	6.16	950.1
0.95%	0.633%	0.317%	46.2	6.50	947.3
1.00%	0.667%	0.333%	48.6	6.85	944.5
1.10%	0.733%	0.367%	53.5	7.54	938.9
1.20%	0.800%	0.400%	58.5	8.23	933.3
1.30%	0.867%	0.433%	63.4	8.93	927.7
1.40%	0.933%	0.467%	68.4	9.63	922.0
1.50%	1.000%	0.500%	73.3	10.33	916.3
1.60%	1.067%	0.533%	78.3	11.03	910.7
1.70%	1.133%	0.567%	83.3	11.73	905.0
1.80%	1.200%	0.600%	88.3	12.43	899.3
1.90%	1.267%	0.633%	93.3	13.14	893.6
2.00%	1.333%	0.667%	98.3	13.85	887.8
2.10%	1.400%	0.700%	103.3	14.56	882.1
2.20%	1.467%	0.733%	108.4	15.27	876.3
2.30%	1.533%	0.767%	113.4	15.98	870.6
2.40%	1.600%	0.800%	118.5	16.69	864.8
2.50%	1.667%	0.833%	123.6	17.41	859.0
2.60%	1.733%	0.867%	128.7	18.12	853.2
2.70%	1.800%	0.900%	133.8	18.84	847.4
2.80%	1.867%	0.933%	138.9	19.56	841.5
2.90%	1.933%	0.967%	144.0	20.28	835.7
3.00%	2.000%	1.000%	149.2	21.01	829.8
3.10%	2.067%	1.033%	154.3	21.73	824.0
3.20%	2.133%	1.067%	159.5	22.46	818.1
3.30%	2.200%	1.100%	164.6	23.19	812.2
3.40%	2.267%	1.133%	169.8	23.92	806.3
3.50%	2.333%	1.167%	175.0	24.65	800.3
3.60%	2.400%	1.200%	180.2	25.38	794.4
3.70%	2.467%	1.233%	185.4	26.12	788.5
3.80%	2.533%	1.267%	190.7	26.85	782.5
3.90%	2.600%	1.300%	195.9	27.59	776.5

**Solution Mixing Table for CMC 9.0 Wood Preservative and 50% Didecyl Dimethyl Ammonium Carbonate (2-Component System)
Copper/Quat 2:1 Ratio**

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDACarbonate	CMC 9.0	DDACarbonate (50%)	Water
0.60%	0.400%	0.200%	29.0	4.17	966.8
0.65%	0.433%	0.217%	31.5	4.52	964.0
0.70%	0.467%	0.233%	33.9	4.87	961.2
0.75%	0.500%	0.250%	36.4	5.22	958.4
0.80%	0.533%	0.267%	38.8	5.57	955.6
0.85%	0.567%	0.283%	41.2	5.92	952.8
0.90%	0.600%	0.300%	43.7	6.27	950.0
0.95%	0.633%	0.317%	46.2	6.62	947.2
1.00%	0.667%	0.333%	48.6	6.98	944.4
1.10%	0.733%	0.367%	53.5	7.68	938.8
1.20%	0.800%	0.400%	58.5	8.39	933.2
1.30%	0.867%	0.433%	63.4	9.10	927.5
1.40%	0.933%	0.467%	68.3	9.81	921.8
1.50%	1.000%	0.500%	73.3	10.52	915.9
1.60%	1.067%	0.533%	78.3	11.24	910.5
1.70%	1.133%	0.567%	83.3	11.95	904.9
1.80%	1.200%	0.600%	88.3	12.67	899.4
1.90%	1.267%	0.633%	93.3	13.39	893.9
2.00%	1.333%	0.667%	98.3	14.11	887.6
2.10%	1.400%	0.700%	103.3	14.83	881.8
2.20%	1.467%	0.733%	108.4	15.56	876.1
2.30%	1.533%	0.767%	113.4	16.28	870.3
2.40%	1.600%	0.800%	118.5	17.01	864.5
2.50%	1.667%	0.833%	123.5	17.74	858.7
2.60%	1.733%	0.867%	128.6	18.47	852.9
2.70%	1.800%	0.900%	133.7	19.20	847.1
2.80%	1.867%	0.933%	138.8	19.93	841.2
2.90%	1.933%	0.967%	144.0	20.67	835.4
3.00%	2.000%	1.000%	149.1	21.40	829.5
3.10%	2.067%	1.033%	154.2	22.14	823.6
3.20%	2.133%	1.067%	159.4	22.88	817.7
3.30%	2.200%	1.100%	164.6	23.62	811.8
3.40%	2.267%	1.133%	169.7	24.37	805.9
3.50%	2.333%	1.167%	174.9	25.11	800.0
3.60%	2.400%	1.200%	180.1	25.86	794.0
3.70%	2.467%	1.233%	185.3	26.61	788.1
3.80%	2.533%	1.267%	190.6	27.36	782.1
3.90%	2.600%	1.300%	195.8	28.11	776.1

**Mixing Table for CMC 9.0 Wood Preservative and 50% Didecyl Dimethyl
Ammonium Carbonate (2-Component System)
Copper/Quat 1:1 Ratio**

Solution Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine following Gallons of		
	CuO	DDACarbonate	CMC 9.0	DDACarbonate (50%)	Water
0.30%	0.150	0.150	10.49	3.13	986.4
0.40%	0.200	0.200	14.00	4.18	981.8
0.50%	0.250	0.250	17.52	5.23	977.3
0.60%	0.300	0.300	21.04	6.28	972.7
0.70%	0.350	0.350	24.57	7.34	968.1
0.80%	0.400	0.400	28.11	8.39	963.5
0.90%	0.450	0.450	31.65	9.45	958.9
1.00%	0.500	0.500	35.20	10.51	954.3
1.10%	0.550	0.550	38.75	11.57	949.7
1.20%	0.600	0.600	42.31	12.63	945.1
1.30%	0.650	0.650	45.88	13.70	940.4
1.40%	0.700	0.700	49.46	14.77	935.8
1.50%	0.750	0.750	53.04	15.83	931.1
1.60%	0.800	0.800	56.63	16.91	926.5
1.70%	0.850	0.850	60.22	17.98	921.8
1.80%	0.900	0.900	63.82	19.05	917.1
1.90%	0.950	0.950	67.43	20.13	912.4
2.00%	1.000	1.000	71.04	21.21	907.7
2.10%	1.050	1.050	74.67	22.29	903.0
2.20%	1.100	1.100	78.29	23.38	898.3
2.30%	1.150	1.150	81.93	24.46	893.6
2.40%	1.200	1.200	85.57	25.55	888.9
2.50%	1.250	1.250	89.22	26.64	884.1
2.60%	1.300	1.300	92.87	27.73	879.4
2.70%	1.350	1.350	96.54	28.82	874.6
2.80%	1.400	1.400	100.20	29.92	869.9
2.90%	1.450	1.450	103.88	31.01	865.1
3.00%	1.500	1.500	107.56	32.11	860.3
3.10%	1.550	1.550	111.25	33.21	855.5
3.20%	1.600	1.600	114.95	34.32	850.7
3.30%	1.650	1.650	118.65	35.42	845.9
3.40%	1.700	1.700	122.36	36.53	841.1
3.50%	1.750	1.750	126.08	37.64	836.3
3.60%	1.800	1.800	129.80	38.75	831.4
3.70%	1.850	1.850	133.53	39.87	826.6
3.80%	1.900	1.900	137.27	40.98	821.7
3.90%	1.950	1.950	141.02	42.10	816.9