

3008-102

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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: **CMC 10.3**
EPA Registration No. 3008-102
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							

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

CAUTION: Harmful if swallowed. Harmful if inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist or vapor.

PERSONAL PROTECTION EQUIPMENT (PPE):

Mixers, loaders, applicators, and other handlers (including persons handling treated wood) must wear the following:

- Long-sleeved shirt
- Long pants or coveralls
- Chemical resistant footwear made of any waterproof material, such as polyvinyl chloride, nitrile rubber, or butyl rubber, plus socks
- Goggles or face shield
- Chemical resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber, or butyl rubber.

Chemical resistant gloves must be worn in all situations where dermal contact is expected (i.e. handling freshly treated wood, manual operation of treating cylinder hatches, etc.).

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 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.

USER SAFETY REQUIREMENTS

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

SAFE HANDLING PROCEDURES

Do not attempt to use without implementing the necessary safety equipment. 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, showing trams out of the cylinder, mixing chemicals, handling freshly treated wood, 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) of 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates and may contaminate water through runoff. 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 authority. For guidance, contact your State Water Board or Regional Office of the EPA.

CMC 10.3

Wood Preservative

**Monoethanolamine Complex of Copper Carbonate
For the control of wood damaging fungi and insects**

ACTIVE INGREDIENTS:

Copper Carbonate (CAS #12069-69-1)..... 17.94%

INERT INGREDIENTS:..... 82.06%

TOTAL..... 100.00%

*Metallic Copper Equivalent – 10.31%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Si usted no entiende la etiqueta, busque a alguien por quien se le 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 container or label with you when calling a poison control center or doctor, or going for treatment.

EPA Reg. No.: 3008-102

EPA Est. No.: 3008-TN-001

Manufactured by:

Osmose, Inc.
980 Ellicott Street
Buffalo, NY 14209

NET Contents: Bulk Tank Truck

NOTIFICATION
By the Manufacturer: *[Signature]*
EPA Reg. No. 3008-102

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 10.3 to control all types of fungal decay of wood products - brown, white, and soft rot and wood eating insects, including termites. CMC 10.3 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 10.3 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 10.3 Wood Preservative (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, spray mixture, 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 of guidance.

CONTAINER DISPOSAL:

NOTES: 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 allowed practices in your state. Empty tote container must be returned to a tote collection agent.

Residue Removal: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container for final disposal, empty the remaining contents from the container into the mix tank. Fill the container about 10 percent full with water. Recirculate water with the pump for two minutes. Then add the rinsate to a rinsate collection system or to the mix tank as diluents. Repeat this rinsing procedure two more times. 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. The same procedure may be used to clean mini-bulk and bulk transport containers prior to refilling.

March 2011

TABLE 1

Solution Mixing Table for CMC 10.3 Wood Preservative and 50% Didecyl Dimethyl Ammonium Chloride (2-Component System), 2:1 Ratio

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDAC	CMC 10.3	DDAC (50%)	Water
0.60%	0.400%	0.200%	24.3	4.35	971.4
0.65%	0.433%	0.217%	26.3	4.72	969.0
0.70%	0.467%	0.233%	28.4	5.08	966.6
0.75%	0.500%	0.250%	30.4	5.45	964.1
0.80%	0.533%	0.267%	32.4	5.82	961.7
0.85%	0.567%	0.283%	34.5	6.18	959.3
0.90%	0.600%	0.300%	36.5	6.55	956.9
0.95%	0.633%	0.317%	38.6	6.92	954.5
1.00%	0.667%	0.333%	40.7	7.29	952.1
1.10%	0.733%	0.367%	44.8	8.02	947.2
1.20%	0.800%	0.400%	48.9	8.76	942.3
1.30%	0.867%	0.433%	53.0	9.50	937.5
1.40%	0.933%	0.467%	57.2	10.24	932.6
1.50%	1.000%	0.500%	61.3	10.99	927.7
1.60%	1.067%	0.533%	65.5	11.73	922.8
1.70%	1.133%	0.567%	69.6	12.48	917.9
1.80%	1.200%	0.600%	73.8	13.23	912.9
1.90%	1.267%	0.633%	78.0	13.98	908.0
2.00%	1.333%	0.667%	82.2	14.73	903.1
2.10%	1.400%	0.700%	86.4	15.49	898.1
2.20%	1.467%	0.733%	90.6	16.24	893.1
2.30%	1.533%	0.767%	94.9	17.00	888.1
2.40%	1.600%	0.800%	99.1	17.76	883.1
2.50%	1.667%	0.833%	103.3	18.52	878.1
2.60%	1.733%	0.867%	107.6	19.28	873.1
2.70%	1.800%	0.900%	111.9	20.05	868.1
2.80%	1.867%	0.933%	116.1	20.81	863.1
2.90%	1.933%	0.967%	120.4	21.58	858.0
3.00%	2.000%	1.000%	124.7	22.35	852.9
3.10%	2.067%	1.033%	129.0	23.12	847.9
3.20%	2.133%	1.067%	133.3	23.89	842.8
3.30%	2.200%	1.100%	137.6	24.67	837.7
3.40%	2.267%	1.133%	142.0	25.44	832.6
3.50%	2.333%	1.167%	146.3	26.22	827.5
3.60%	2.400%	1.200%	150.7	27.00	822.3
3.70%	2.467%	1.233%	155.0	27.78	817.2
3.80%	2.533%	1.267%	159.4	28.57	812.0
3.90%	2.600%	1.300%	163.8	29.35	806.9

TABLE 2

Solution Mixing Table for CMC 10.3 Wood Preservative and 50% Didecyl Dimethyl Ammonium Chloride (2-Component System), 1:1 Ratio

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDAC	CMC 10.3	DDAC (50%)	Water
0.20	0.100	0.100	6.1	2.2	991.7
0.25	0.125	0.125	7.7	2.7	989.6
0.30	0.150	0.150	9.2	3.2	987.6
0.35	0.175	0.175	10.7	3.8	985.5
0.40	0.200	0.200	12.3	4.3	983.4
0.45	0.225	0.225	13.8	4.8	981.3
0.50	0.250	0.250	15.4	5.4	979.3
0.55	0.275	0.275	16.9	5.9	977.2
0.60	0.300	0.300	18.4	6.5	975.1
0.65	0.325	0.325	20.0	7.0	973.0
0.70	0.350	0.350	21.5	7.6	970.9
0.75	0.375	0.375	23.1	8.1	968.8
0.80	0.400	0.400	24.6	8.6	966.7
0.85	0.425	0.425	26.2	9.2	964.6
0.90	0.450	0.450	27.7	9.7	962.6
0.95	0.475	0.475	29.3	10.3	960.5
1.00	0.500	0.500	30.8	10.8	958.4
1.05	0.525	0.525	32.4	11.4	956.3
1.10	0.550	0.550	33.9	11.9	954.2
1.15	0.575	0.575	35.5	12.5	952.1
1.20	0.600	0.600	37.0	13.0	950.0
1.25	0.625	0.625	38.6	13.5	947.9
1.30	0.650	0.650	40.2	14.1	945.7
1.35	0.675	0.675	41.7	14.6	943.6
1.40	0.700	0.700	43.3	15.2	941.5
1.45	0.725	0.725	44.8	15.7	939.4
1.50	0.750	0.750	46.4	16.3	937.3
1.55	0.775	0.775	48.0	16.8	935.2
1.60	0.800	0.800	49.5	17.4	933.1
1.65	0.825	0.825	51.1	17.9	931.0
1.70	0.850	0.850	52.7	18.5	928.8
1.75	0.875	0.875	54.2	19.0	926.7
1.80	0.900	0.900	55.8	19.6	924.6
1.85	0.925	0.925	57.4	20.1	922.5
1.90	0.950	0.950	59.0	20.7	920.4
1.95	0.975	0.975	60.5	21.2	918.2
2.00	1.000	1.000	62.1	21.8	916.1
2.05	1.025	1.025	63.7	22.3	914.0
2.10	1.050	1.050	65.3	22.9	911.8
2.15	1.075	1.075	66.8	23.5	909.7
2.20	1.100	1.100	68.4	24.0	907.6
2.25	1.125	1.125	70.0	24.6	905.4
2.30	1.150	1.150	71.6	25.1	903.3
2.35	1.175	1.175	73.2	25.7	901.1
2.40	1.200	1.200	74.8	26.2	899.0
2.45	1.225	1.225	76.3	26.8	896.9
2.50	1.250	1.250	77.9	27.3	894.7

TABLE 3

Solution Mixing Table for CMC 10.3 Wood Preservative 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 10.3	DDAC (80%)	Water
0.60%	0.400%	0.200%	24.3	2.81	972.9
0.65%	0.433%	0.217%	26.3	3.04	970.6
0.70%	0.467%	0.233%	28.4	3.28	968.4
0.75%	0.500%	0.250%	30.4	3.52	966.1
0.80%	0.533%	0.267%	32.5	3.75	963.6
0.85%	0.567%	0.283%	34.5	3.99	961.5
0.90%	0.600%	0.300%	36.5	4.23	959.2
0.95%	0.633%	0.317%	38.6	4.47	956.9
1.00%	0.667%	0.333%	40.7	4.70	954.6
1.10%	0.733%	0.367%	44.8	5.18	950.1
1.20%	0.800%	0.400%	48.9	5.66	945.5
1.30%	0.867%	0.433%	53.0	6.13	940.8
1.40%	0.933%	0.467%	57.2	6.61	936.2
1.50%	1.000%	0.500%	61.3	7.09	931.6
1.60%	1.067%	0.533%	65.5	7.57	926.9
1.70%	1.133%	0.567%	69.7	8.06	922.3
1.80%	1.200%	0.600%	73.8	8.54	917.6
1.90%	1.267%	0.633%	78.0	9.03	913.0
2.00%	1.333%	0.667%	82.2	9.51	908.3
2.10%	1.400%	0.700%	86.4	10.00	903.6
2.20%	1.467%	0.733%	90.6	10.49	898.9
2.30%	1.533%	0.767%	94.9	10.97	894.2
2.40%	1.600%	0.800%	99.1	11.46	889.4
2.50%	1.667%	0.833%	103.4	11.96	884.7
2.60%	1.733%	0.867%	107.6	12.45	879.9
2.70%	1.800%	0.900%	111.9	12.94	875.2
2.80%	1.867%	0.933%	116.1	13.44	870.4
2.90%	1.933%	0.967%	120.4	13.93	865.6
3.00%	2.000%	1.000%	124.7	14.43	860.8
3.10%	2.067%	1.033%	129.0	14.93	856.0
3.20%	2.133%	1.067%	133.3	15.42	851.2
3.30%	2.200%	1.100%	137.7	15.92	846.4
3.40%	2.267%	1.133%	142.0	16.43	841.6
3.50%	2.333%	1.167%	146.3	16.93	836.7
3.60%	2.400%	1.200%	150.7	17.43	831.9
3.70%	2.467%	1.233%	155.1	17.94	827.0
3.80%	2.533%	1.267%	159.4	18.44	822.1
3.90%	2.600%	1.300%	163.8	18.95	817.2

TABLE 4

Solution Mixing Table for CMC 10.3 Wood Preservative 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 10.3	ADBAC (50%)	Water
0.60%	0.400%	0.200%	24.3	4.09	971.6
0.65%	0.433%	0.217%	26.3	4.43	969.2
0.70%	0.467%	0.233%	28.4	4.78	966.9
0.75%	0.500%	0.250%	30.4	5.12	964.5
0.80%	0.533%	0.267%	32.5	5.47	962.1
0.85%	0.567%	0.283%	34.5	5.81	959.7
0.90%	0.600%	0.300%	36.6	6.16	957.3
0.95%	0.633%	0.317%	38.6	6.50	954.9
1.00%	0.667%	0.333%	40.7	6.85	952.5
1.10%	0.733%	0.367%	44.8	7.54	947.7
1.20%	0.800%	0.400%	48.9	8.24	942.8
1.30%	0.867%	0.433%	53.1	8.93	938.0
1.40%	0.933%	0.467%	57.2	9.63	933.2
1.50%	1.000%	0.500%	61.4	10.33	928.3
1.60%	1.067%	0.533%	65.5	11.03	923.4
1.70%	1.133%	0.567%	69.7	11.74	918.6
1.80%	1.200%	0.600%	73.9	12.44	913.7
1.90%	1.267%	0.633%	78.1	13.15	908.8
2.00%	1.333%	0.667%	82.3	13.86	903.9
2.10%	1.400%	0.700%	86.5	14.57	898.9
2.20%	1.467%	0.733%	90.7	15.28	894.0
2.30%	1.533%	0.767%	95.0	15.99	889.1
2.40%	1.600%	0.800%	99.2	16.71	884.1
2.50%	1.667%	0.833%	103.5	17.42	879.1
2.60%	1.733%	0.867%	107.7	18.14	874.1
2.70%	1.800%	0.900%	112.0	18.86	869.1
2.80%	1.867%	0.933%	116.3	19.58	864.1
2.90%	1.933%	0.967%	120.6	20.30	859.1
3.00%	2.000%	1.000%	124.9	21.03	854.1
3.10%	2.067%	1.033%	129.2	21.76	849.1
3.20%	2.133%	1.067%	133.5	22.48	844.0
3.30%	2.200%	1.100%	137.8	23.21	838.9
3.40%	2.267%	1.133%	142.2	23.95	833.9
3.50%	2.333%	1.167%	146.5	24.68	828.8
3.60%	2.400%	1.200%	150.9	25.41	823.7
3.70%	2.467%	1.233%	155.3	26.15	818.6
3.80%	2.533%	1.267%	159.7	26.89	813.4
3.90%	2.600%	1.300%	164.1	27.63	808.3

TABLE 5

Solution Mixing Table for CMC 10.3 Wood Preservative and 50% Didecyl Dimethyl Ammonium Carbonate (2-Component System), 2:1 Ratio

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDACarbonate	CMC 10.3	DDACarbonate (50%)	Water
0.60%	0.400%	0.200%	24.3	4.17	971.5
0.65%	0.433%	0.217%	26.3	4.52	969.2
0.70%	0.467%	0.233%	28.4	4.87	966.8
0.75%	0.500%	0.250%	30.4	5.22	964.4
0.80%	0.533%	0.267%	32.5	5.57	962.0
0.85%	0.567%	0.283%	34.5	5.92	959.6
0.90%	0.600%	0.300%	36.6	6.27	957.2
0.95%	0.633%	0.317%	38.6	6.63	954.8
1.00%	0.667%	0.333%	40.7	6.98	952.4
1.10%	0.733%	0.367%	44.8	7.69	947.5
1.20%	0.800%	0.400%	48.9	8.39	942.7
1.30%	0.867%	0.433%	53.0	9.10	937.9
1.40%	0.933%	0.467%	57.2	9.82	933.0
1.50%	1.000%	0.500%	61.3	10.53	928.1
1.60%	1.067%	0.533%	65.5	11.24	923.2
1.70%	1.133%	0.567%	69.7	11.96	918.4
1.80%	1.200%	0.600%	73.9	12.68	913.5
1.90%	1.267%	0.633%	78.1	13.40	908.5
2.00%	1.333%	0.667%	82.3	14.12	903.6
2.10%	1.400%	0.700%	86.5	14.84	898.7
2.20%	1.467%	0.733%	90.7	15.57	893.7
2.30%	1.533%	0.767%	94.9	16.29	888.8
2.40%	1.600%	0.800%	99.2	17.02	883.8
2.50%	1.667%	0.833%	103.4	17.75	878.8
2.60%	1.733%	0.867%	107.7	18.48	873.8
2.70%	1.800%	0.900%	111.9	19.22	868.8
2.80%	1.867%	0.933%	116.2	19.95	863.8
2.90%	1.933%	0.967%	120.5	20.69	858.8
3.00%	2.000%	1.000%	124.8	21.43	853.8
3.10%	2.067%	1.033%	129.1	22.17	848.7
3.20%	2.133%	1.067%	133.5	22.91	843.6
3.30%	2.200%	1.100%	137.8	23.65	838.6
3.40%	2.267%	1.133%	142.1	24.40	833.5
3.50%	2.333%	1.167%	146.5	25.14	828.4
3.60%	2.400%	1.200%	150.8	25.89	823.3
3.70%	2.467%	1.233%	155.2	26.64	818.2
3.80%	2.533%	1.267%	159.6	27.39	813.0
3.90%	2.600%	1.300%	164.0	28.15	807.9

TABLE 6

Solution Mixing Table for CMC 10.3 Wood Preservative and 50% Didecyl Dimethyl Ammonium Carbonate (2-Component System), 1:1 Ratio

Solution Strength, % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDAC	CMC 10.3	DDACarbonate (50%)	Water
0.20	0.100	0.100	6.1	2.2	991.7
0.25	0.125	0.125	7.7	2.7	989.6
0.30	0.150	0.150	9.2	3.3	987.5
0.35	0.175	0.175	10.7	3.8	985.5
0.40	0.200	0.200	12.3	4.3	983.4
0.45	0.225	0.225	13.8	4.9	981.3
0.50	0.250	0.250	15.4	5.4	979.2
0.55	0.275	0.275	16.9	6.0	977.1
0.60	0.300	0.300	18.4	6.5	975.0
0.65	0.325	0.325	20.0	7.1	972.9
0.70	0.350	0.350	21.5	7.6	970.8
0.75	0.375	0.375	23.1	8.2	968.7
0.80	0.400	0.400	24.6	8.7	966.7
0.85	0.425	0.425	26.2	9.3	964.6
0.90	0.450	0.450	27.7	9.8	962.5
0.95	0.475	0.475	29.3	10.4	960.4
1.00	0.500	0.500	30.8	10.9	958.3
1.05	0.525	0.525	32.4	11.5	956.1
1.10	0.550	0.550	33.9	12.0	954.0
1.15	0.575	0.575	35.5	12.6	951.9
1.20	0.600	0.600	37.1	13.1	949.8
1.25	0.625	0.625	38.6	13.7	947.7
1.30	0.650	0.650	40.2	14.2	945.6
1.35	0.675	0.675	41.7	14.8	943.5
1.40	0.700	0.700	43.3	15.3	941.4
1.45	0.725	0.725	44.9	15.9	939.2
1.50	0.750	0.750	46.4	16.4	937.1
1.55	0.775	0.775	48.0	17.0	935.0
1.60	0.800	0.800	49.6	17.6	932.9
1.65	0.825	0.825	51.1	18.1	930.8
1.70	0.850	0.850	52.7	18.7	928.6
1.75	0.875	0.875	54.3	19.2	926.5
1.80	0.900	0.900	55.8	19.8	924.4
1.85	0.925	0.925	57.4	20.3	922.2
1.90	0.950	0.950	59.0	20.9	920.1
1.95	0.975	0.975	60.6	21.5	918.0
2.00	1.000	1.000	62.1	22.0	915.8
2.05	1.025	1.025	63.7	22.6	913.7
2.10	1.050	1.050	65.3	23.1	911.6
2.15	1.075	1.075	66.9	23.7	909.4
2.20	1.100	1.100	68.5	24.2	907.3
2.25	1.125	1.125	70.1	24.8	905.1
2.30	1.150	1.150	71.6	25.4	903.0
2.35	1.175	1.175	73.2	25.9	900.8
2.40	1.200	1.200	74.8	26.5	898.7
2.45	1.225	1.225	76.4	27.1	896.5
2.50	1.250	1.250	78.0	27.6	894.4