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

EPA Reg. Number:	Date of Issuance:
81943-30	September 3, 2008

Term of Issuance: Unconditional

Name of Pesticide Product: SYMMETRY II

NOTICE OF PESTICIDE:
x Registration
__ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Phoenix Environmental Care, LLC
P. O. Box 370
Valdosta, GA 31603

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. In any correspondence on this product always refer to the above EPA registration number.

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. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product [Decision Number: D-396143] is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration 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). Revise the EPA Registration Number to read, "EPA Reg No. 81943-30"

Signature of Approving Official:	Date:
Adam Heyward Product Manager Team-34 Regulatory Management Branch II Antimicrobials Division (7510P)	September 3, 2008

EPA Form 8570-6

2/15

3. The Agency is moving away from review of paper submitted registration applications to electronic review of applications. Therefore, we need your help to make this an efficient and convenient process for both you and the Antimicrobials Division. Accordingly, we are asking you to submit future labeling amendments for this product via the electronic labeling process. Refer to the following website for guidance on electronic submissions, including label: http://www.epa.gov/oppfead1/eds/esr_guidance.htm#overallsub. If you have questions concerning electronic labeling, a list of contacts is available at the following site: http://www.epa.gov/oppfead1/eds/edsgoals.htm#contacts.

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 the product constitutes acceptance of these conditions.

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

Sincerely,

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

Enclosures: (Stamped Labeling)

ACCEPTED
SEP - 3 2008
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 81943-30

SYMMETRY II

Wood Preservative and Algaecide/Herbicide

For the control of wood damaging fungi and insects

For use in Slow Moving or Quiescent Bodies of Water Including: Golf Course, Ornamental Fish, Irrigation, Industrial and Fire Ponds; Fresh Water Lakes and Fish Hatcheries; Potable Water Reservoirs and Associated Waters (Rivers, Streams, Bays and Coves); and Crop and Non-crop Irrigation Conveyance Systems, (Ditches, Canals, and Laterals)

Areas treated with SYMMETRY II may be used for fishing, swimming, drinking, watering livestock and irrigating crops, turf, putting greens, fairways, and ornamental plants immediately after treatment.

ACTIVE INGREDIENT:	
Copper Carbonate*	15.66%
OTHER INGREDIENTS:	84.34%
TOTAL	100.00%

*Metallic Copper Equivalent – 9.00 %
Ethanolamine complex of copper carbonate
Contains 0.924 pounds of elemental copper per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 the 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	
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call PROSAR 1-888-875-1724.	

Net Contents: ___ Gallons

Phoenix Environmental Care, LLC
PO Box 370 • Valdosta, GA 31601

EPA Reg. No. 81943-__
EPA Est. No._____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION.

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with eyes or clothing. Remove contaminated clothing and wash clothes before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

For wood preservative labeling:

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: coveralls worn over a long-sleeved shirt and long pants; chemical-resistant footwear plus socks; goggles or face shield; chemical resistant gloves made of any waterproof material. For cleaning equipment, a chemical-resistant apron must also be worn. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions 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 personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

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.

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. 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.

For algaecide labeling:

ENVIRONMENTAL HAZARDS

This product may be toxic to fish. Some species of fish may be killed at application rates on this label – trout and channel catfish are especially sensitive. Immature fish are more susceptible to injury than mature fish. Generally, fish toxicity is reduced as water hardness increases. Consult State Fish and Game Agency or other responsible agency before applying this product to public waters.

Do not treat more than one-half of lake or pond at one time to avoid depletion of oxygen levels due to decaying vegetation.

Potable Water: Do not allow water containing in excess of 1 ppm copper to flow into any water to be used as potable water.

Terrestrial Plants: Do not apply this product in its concentrated form directly to any crop plants, grass, or ornamental plants as injury may result.)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Directions for use as a wood preservative:

GENERAL INFORMATION

Use SYMMETRY II to control all types of fungal decay of wood products – brown white, and soft rot – and wood-eating insects including termites. SYMMETRY II should be used to treat any wood product that will be exposed to conditions favorable to rot, decay, or insect attack both above ground and in ground, or in 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 SYMMETRY II with quaternary ammonium compounds approved for wood treatment. Apply the tank mixed solution by pressure impregnation. Follow the mixing instructions in the appropriate "Solution Mixing Table for SYMMETRY II (2 Component)" for obtaining the desired solution concentration. The percent solution to be used should be based on the retention, in pounds per cubic foot (pcf), specified by the purchaser and the treating process used.

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

Directions for use as an algaecide:

GENERAL INFORMATION

SYMMETRY II is effective in controlling a broad range of filamentous, planktonic and branched algae which can occur in slow moving or quiescent bodies of water including golf course, ornamental fish, irrigation, industrial and fire ponds; fresh water lakes and fish hatcheries; potable water reservoirs and associated waters (rivers, streams, bays and coves); and crop and non-crop irrigation conveyance systems, (ditches, canals, and laterals) SYMMETRY II is most effective when applied at the first signs of algal bloom. SYMMETRY II treated water may be used to irrigate crops, turf, fairways, putting greens, and ornamental plants immediately after treatment. SYMMETRY II may be applied by aircraft, ground sprayer or spray boat as a surface spray, as a subsurface application through weighted hoses, in an invert emulsion or mixed with a polymer, as appropriate.

USE PRECAUTIONS: In areas heavily infested with algae or aquatic weeds, or if water temperature is high, treatment can result in oxygen loss from decomposition of dead vegetation. This loss can cause fish suffocation. To minimize this hazard, treat 1/3 to 1/2 of the water area in a single operation. Add only enough SYMMETRY II for the actual area being treated. Wait 10 to 14 days before treating the remaining area. Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas. Consult your State Fish and Game Agency before applying this product to public waters.

SYMMETRY II may be used in combination with RedWing® or Current® for more effective control of Hydrilla verticillata and other vascular weeds. SYMMETRY II may also be combined with other herbicides to improve weed control by killing algae which cover aquatic weeds and interfere with herbicide uptake.

NOTE: Undiluted SYMMETRY II or concentrations above 1.0 ppm Cu^{++} may be injurious to crops, grass, ornamentals and other foliage. Do not apply in such a way that the concentrated product comes in contact with crops, ornamentals, grass or desirable plants. Apply only as specified on the label.

ALGAE CONTROL

Free floating algae (planktonic), such as Anabaena, Aphanizomenon, Chlorelia, Dictyosphaerium, Euglena, and Microcystis are controlled using 0.2 to 0.5 ppm metallic copper depending upon severity of growth.

Filamentous algae (mat-forming) such as Cladophora, Hydrodictyon, Oedogonium and Spirogyra require 0.5 to 1.0 ppm metallic copper depending on growth and intensity. Chara and Phormidium are difficult to control unless treatment at 0.5 to 1.0 ppm metallic copper is initiated at the first signs of algal bloom.

FOR BEST RESULTS: Apply SYMMETRY II early in the day when conditions are calm. Water temperature should be at least 60° F. Treat when algae first appear. Even distribution of SYMMETRY II in the water will improve algae control; therefore apply in a manner that distributes SYMMETRY II throughout the treated area.

If desired, dilute one volume of SYMMETRY II with 10 to 20 volumes of water before application. To ensure best results, remove large mats of floating algae manually before treatment. A second application 1 to 2 weeks after the first may be necessary for heavily infested areas.

COPPER LEVELS REQUIRED FOR CONTROL OF DIFFERENT GENERA OF ALGAE

Organism	0.2 – 0.5 ppm Copper		0.5 – 1.0 ppm Copper	
Cyanophyceae (Blue-green)	*Anabaena* *Aphanizomenon* *Cylindrospermum* *Gloeotrichia* *Gomphosphaeria*	*Microcystis* *Oscillatoria* *Plectonema* *Polycystis*	*Calothrix* *Nostoc*	*Phormidium* *Symploca*
Chlorophyceae (Green)	*Botryococcus* *Closterium* *Coelastrum* *Draparnaldia* *Enteromorpha* *Gloecystis*	*Hydrodictyon* *Microspora* *Spirogyra* *Tribonema* *Ulothrix* *Zygnema*	*Ankistrodesmus* *Chara* *Chlorella* *Cladophora* *Crucigenia* *Desmidium* *Golenkinia*	*Nitella* *Oocystis* *Palmella* *Pithophora* *Scenedesmus* *Staurastrum* *Tetraedron*
Diatomaceae (Diatoms)	*Asterionella* *Fragilaria* *Gomphonema* *Melosira* *Navicula*	*Nitzchia* *Stephanodiscus* *Synedra* *Tabellaria*	*Achnanthes* *Cymbella* *Neidium*	
Protozoa (Flagellates)	*Ceratium* *Cryptomonas* *Dinobryon* *Euglena* *Glenodinium*	*Mallomonas* *Synura* *Uroglena* *Volvox*	*Chlamydomonas* *Curdorina* *Haematococcus*	*Pandorina* *Peridimium*

The genera of algae listed above are commonly found in water of the United States. Use the lower recommended rate in soft water (less than 50 ppm alkalinity) and the higher concentration in hard water (above 50 ppm alkalinity). Always consult your State Fish and Game Agency or other responsible agency before applying this product to public waters.

APPLICATION INSTRUCTIONS

Use the table below to determine the amount of SYMMETRY II required to achieve the desired copper concentration. For most effective algae control, maintain the desired copper concentration for a minimum of three hours. Rates given below represent concentrations for quiescent or slow moving water. If water flow results in significant dilution of the treated water within three hours of application, it may be necessary to meter SYMMETRY II into the water. (Refer to instructions for Drip System Application below).

APPLICATION RATES FOR QUIESCENT OR SLOW MOVING WATER			
Amount of SYMMETRY II per acre to achieve desired copper content.			
Depth of Water	**0.2 ppm Cu**	**0.5 ppm Cu**	**1.0 ppm Cu**
3 inches	1.18 pints	2.94 pints	5.89 pints
4 inches	1.57 pints	3.92 pints	7.85 pints
5 inches	1.96 pints	4.90 pints	1.23 gallons
6 inches	2.35 pints	5.89 pints	1.47 gallons
7 inches	2.75 pints	6.87 pints	1.72 gallons
8 inches	3.14 pints	7.85 pints	1.96 gallons
12 inches (1 foot)	4.71 pints	1.47 gallons	2.94 gallons
24 inches (2 feet)	1.18 gallons	2.94 gallons	5.89 gallons
36 inches (3 feet)	1.77 gallons	4.41 gallons	8.83 gallons

Summer Application (stratified lakes) – When the average depth exceeds 4 feet and the lake is known to be stratified, it is necessary to treat only the upper 6 feet of water.

Spring/Fall Application (unstratified lake) – Treat the entire body of water remembering to treat 1/3 to 1/2 of the surface area at a time to reduce the possibility of adverse effects on the fish population.

METHODS OF APPLICATION

Surface Application: Spray diluted mixture from shore or boat evenly across the surface of water at rates to achieve a particular copper concentration according to the table above.

Subsurface Application: In deeper water, make a subsurface application of SYMMETRY II at recommended rates through weighted trailing hoses where the greatest concentration of algae is present. Do not drag hoses on the bottom.

Polymer Application: A polymer may be added to SYMMETRY II or to a SYMMETRY II/water premix to improve sinking, deposition and retention of the spray. Consult the manufacturer's recommendations regarding the use of a polymer for improved algae control.

Invert Emulsions: SYMMETRY II may be subsurface applied alone or in combination with other herbicides, including RedWing (see below) by injecting the products in an invert emulsion carrier. Invert applications should be made through weighted hoses drug below the surface of the water. Observe all precautions and limitations on the labels of all products used with SYMMETRY II.

Aircraft Application: Apply the recommended rate of SYMMETRY II in 20 gallons of total spray solution per surface acre. Add the recommended rates of a drift control or sinking agent to the spray solution. Maintain constant agitation during addition of the polymer and continue throughout the application. When treating moving water, apply the spray solution counter to the flow of water.

Drip System Application (For use in Irrigation Conveyance Systems and Other Moving Water):
For best results, application should be made in anticipation of algae that may interfere with normal flow or delivery of water (obstruction of lateral headgates, screens, pumps, pumping systems and siphon tubes). Delayed treatment may result in matting or compaction of algae mats. Since low flow rates may result in poor chemical distribution and unsatisfactory algae control, it may be necessary to increase water flow rates during treatment.

Determine the water flow rate prior to treatment of the water system. If available, use weirs, orifices or similar devices which give accurate water flow measurements. If these devices are not available, volume of flow may be estimated by the following formula:

Average Width (feet) X Average Depth (feet) X Average Velocity (feet/second) X 0.9 =
Cubic Feet per Second (C.F.S.)

To determine velocity, measure the time it takes a floating object in the middle of the canal to travel a given distance. Divide the distance (feet) by the time (seconds) for velocity (feet/second). Repeat this procedure at least three times and then calculate the average velocity. Use the average velocity (feet/second) in the formula above to determine the flow rate (C.F.S.).

Once the water flow rate (C.F.S. or Gallons per Minute) has been calculated, find the corresponding drip rate for SYMMETRY II in the table below.

APPLICATION RATES FOR MOVING WATER				
WATER FLOW RATE		***SYMMETRY II DRIP RATE***		
C.F.S.	**Gal./Min.**	**Qts./Hr.**	**Ml./Min.**	**Fl. Oz./Min.**
1	449	1.0	18	0.5
2	898	1.9	36	1.0
3	1,346	2.9	54	1.6
4	1,795	3.9	71	2.1
5	2,244	4.9	89	2.6

Determining Amount of SYMMETRY II to Use: To calculate the amount of SYMMETRY II needed to maintain the drip rate for three hours, calculate as follows:

QTS./HR X 3; or ML/MIN X 180; or FL OZ/MIN X 180.

Thorough mixing is necessary to uniformly disperse the SYMMETRY II in the water; therefore, apply SYMMETRY II in the channel at weirs or other structures that create turbulence or at several points across the flow.

Calibrating for Drip Application (Gravity Feed): Pour the amount of SYMMETRY II needed to treat for three hours (calculated above) into a drum or tank equipped with a brass needle valve designed to maintain a constant drip rate. Open the needle valve and allow SYMMETRY II to drip into a graduated container (measuring cup, graduated cylinder, etc.), using a stop watch to measure the time required to reach the desired volume. Adjust the valve so that SYMMETRY II is dripping at the desired rate. **NOTE:** If the flow rate changes during the 3-hour treatment period, it may be necessary to readjust the needle valve. If power is available, a small pump can be used to meter the SYMMETRY II into the water more accurately.

Distance of algae control from the application point will vary with severity of infestation. Repeat application at a point 3 hours downstream from the previous treatment station. Repeat as necessary to treat entire infested area. It may be necessary to periodically repeat treatments to maintain seasonal control.

HYDRILLA VERTICILLATA CONTROL

Tank mix SYMMETRY II with RedWing to kill algae that cover Hydrilla verticillate and interfere with herbicide uptake. Observe all precautions and limitations on the Current and RedWing labels.

APPLICATION INSTRUCTIONS

SYMMETRY II +Current®Tank Mix: Apply 1.4 to 2.9 gallons of SYMMETRY II plus 3.34 gallons of Current per acre-foot of water when water temperature is above 60° F. Use the low rate of SYMMETRY II for light algae infestations or easy-to-control species. Use the high rate of SYMMETRY II for heavy infestations or difficult-to-control species. Ally using an application method which provides uniform coverage of the treated area and delivers the spray solution to the plant surface.

SYMMETRY II + RedWing Tank Mix: Apply 3.2 to 3.5 gallons of SYMMETRY II plus 2 gallons of RedWing per surface acre in bright sunlight when water is above 60° F.

Surface Application: Apply by handgun, spray boat, aircraft or other method of application which provides uniform coverage of the treated area. Combine SYMMETRY II and RedWing with water in a mix tank or use an injection system to make approximately 100 gallons for each surface acre treated. When using a spray boat, apply the mixture through hoses which are dragged as close to the bottom as possible. For best results, do not drag hoses on the bottom. Complete effect of the treatment will be observed in 8 to 12 weeks. In heavily infested areas, a second application may be necessary.

Subsurface Application: Use a boom with trailing hoses fitted with Delavan or Spraying System 80-degree nozzle tips with 06 orifices, or a similar nozzle. Hoses 18 to 24 inches long will apply the material 3 to 6 inches below the water surface. Apply from bow or stern of the boat in strips no more than 20 feet apart.

Bottom Placement: In firm, sandy-bottomed lakes where water is quiescent or slowly moving and Hydrilla has reached the surface, apply in a water carrier, injecting the diluted SYMMETRY II plus RedWing mixture 1 to 2 feet above the bottom using weighted, trailing hoses. Where water is slowly moving through submersed growth, or if suspended silt or muddy water is present, apply in an invert emulsion carrier. Inject the SYMMETRY II plus RedWing mixture in an invert emulsion carrier 1 to 2 feet above the bottom using weighted trailing hoses.

SYMMETRY II + WhiteCap™ SC Tank Mix: Apply 1.6 to 4.0 gallons of SYMMETRY II plus the recommended rate of WhiteCap SC. per surface acre. Refer to the WhiteCap SC label for appropriate rate recommendations. This combination may be applied as a tank mix or via the use of appropriate metering equipment.

SWIMMING POOLS

Dilute SYMMETRY II with at least nine parts water and sprinkle around the edge of pool. Add additional SYMMETRY II every two weeks according to directions on chart.

For best results, begin pool maintenance with SYMMETRY II when pool is first filled with water. Add SYMMETRY II according to the size of pool as given in the chart below.

DILUTION CHART FOR SWIMMING POOLS		
Swimming Pool Capacity* (Gallons of Water)	**Initial Treatment with SYMMETRY II (ounces)**	**Treatment Once Every Two Weeks with SYMMETRY II WP**
5,000	2 to 5	1.0 to 2.5
10,000	4 to 10	2 to 5
20,000	8 to 20	4 to 10
30,000	12 to 30	6 to 15
40,000	16 to 40	8 to 20
50,000	20 to 50	10 to 20
* How to estimate gallon capacity of your pool: Measure length (L), Width (W), and Average Depth (D) in feet. For square or rectangular pools: L X W X D X 7.5 = Gallons. For circular or elliptical pools: L X W X D X 5.9 = Gallons.		

NOTE: This product is an algestatic rather than an algaecide to some Black Algae. Recommended rates will prevent formation of Black Algae. If Black Algae are already established, triple the initial does.

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 DISPOSAL: 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.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Phoenix Environtmental Care, LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Phoenix Environmental Care, LLC and Seller harmless for any claims relating to such factors.

Phoenix Environmental Care, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Phoenix Environmental Care, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, PHOENIX ENVIRONMENTAL CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Phoenix Environmental Care, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF PHOENIX ENVIRONMENTAL CARE, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF PHOENIX ENVIRONMENTAL CARE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Phoenix Environmental Care, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Phoenix Environmental Care, LLC.

Symmetry®, Current®, RedWing® and the Phoenix logo are registered trademarks of Phoenix Environmental Care, LLC
WhiteCap™ is a trademark of Tessenderlo Kerley Inc.

For wood preservative labeling only:

Solution Mixing Table for SYMMETRY II WP 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	SYMMETRY II	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

Solution Mixing Table for SYMMETRY II WP 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	SYMMETRY II	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	919.6
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 SYMMETRY II WP 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	SYMMETRY II	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 SYMMETRY II Wood Preservative and 50% Didecyl Dimethyl Ammonium Carbonate (2-Component System)

Solution Strength % Active	Component Balance Actives Basis (%)		To Mix 1000 Gallons Solution Combine Following Gallons of		
	CuO	DDACarbonate	SYMMETRY II	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	916.2
1.60%	1.067%	0.533%	78.3	11.24	910.5
1.70%	1.133%	0.567%	83.3	11.95	904.8
1.80%	1.200%	0.600%	88.3	12.67	899.1
1.90%	1.267%	0.633%	93.3	13.39	893.3
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