

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

EPA Reg. Number:  
11435-4

Date of Issuance:  
June 3, 2005



NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

**CMC 10.3 Wood Preservative**

Name and Address of Registrant (include ZIP Code):

**Phibro-Tech, Inc.  
65 Challenger Road, 3<sup>rd</sup> Floor  
Ridgefield Park, NJ 07660**

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 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 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 11435-4".

Signature of Approving Official:

**Adam Heyward  
Product Manager Team-34  
Regulatory Management Branch II  
Antimicrobials Division (7510C)**

Date:

June 3, 2005

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

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,

A handwritten signature in black ink, appearing to read 'A. Heyward', with a long horizontal stroke extending to the right.

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

Enclosure: (Stamped Labeling)

# PHIBRO-TECH, INC.

## CMC 10.3 Wood Preservative

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

**ACTIVE INGREDIENT:**

Copper Carbonate\* ..... 17.94%

**OTHER 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 para que 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.  
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.**

PHIBRO-TECH, INC.  
Ridgefield Park, NJ 07660

EPA REG. NO. 11435-XX

EPA EST. NOS. 11435-TX-01  
35896-SC-01  
35896-IL-01  
**ACCEPTED**  
with **COMMENTS**  
EPA Letter Dated:

Net Contents: JUN - 3 2005

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 11435-4

## 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.

### 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

So 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.

## DIRECTIONS FOR USE

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

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

**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 you 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.

**WARRANTY STATEMENT**

PHIBRO-TECH, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. **THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions nor reasonably foreseeable to seller and buyer assumes all risk of any such use.

PHIBRO-TECH, INC.  
Ridgefield Park, NJ 07660

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**Solution Mixing Table for CMC 10.3 Wood Preservative 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 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

**Solution Mixing Table for CMC 10.3 Wood Preservative and 80% Didecyl Dimethyl Ammonium Chloride (2-Component System)**

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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	963.8
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

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**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



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

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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