

83997-4

5/27/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

MAY 27 2014

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Kevin Archer, Director R&D
Viance LLC
One Woodlawn Green Suite 350
200 E Woodlawn Road
Charlotte, NC 28217

Subject: ACQ-C2
EPA Registration Number: 83997-4
Application Date: February 21, 2014

Dear Mr. Archer:

The Agency has reviewed your amendment submitted in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action acceptable.

In summary, you have proposed to add new mixing tables to enhance the use directions. These tables allow for tank mixing two additional products registered for wood preservative uses. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 1(gg) and its implementing regulation at 40 CFR 152.3. If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Harmful if inhaled. Avoid breathing vapor or mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT:

Mixers, loaders, applicators and other handlers must wear: Coveralls over long sleeved-shirt and long pants; Socks and Chemical resistant footwear; Goggles or face shield; chemical resistant gloves made of barrier laminate, Butyl rubber, Nitrile rubber, Neoprene rubber, Polyvinyl chloride; and a Chemical resistant apron when mixing, loading, or cleaning equipment.

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 materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY REQUIREMENTS:

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

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water 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 Environmental Protection Agency.

ACCEPTED
MAY 27 2014
This product was analyzed for Pesticides, Fungicides, and Herbicides and is certified for use in accordance with the label instructions.
83997-4

Net Contents: _____

ACQ-C2

For the Control of Wood Damaging Fungi and Insects

Active Ingredient:	
Copper Ethanolamine Complex, (CAS # 14215-52-2)*	26.0%
Inert Ingredients	74.0%
Total	100.0%

*Metallic Copper equivalent, 9.0%

KEEP OUT OF REACH OF CHILDREN DANGER FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

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

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured For:
Viance, LLC
200 East Woodlawn Road,
Suite 350
Charlotte NC 28217
Email: productinfo@viance.net



In case of transportation emergency
Phone: 1-800-424-9300 (CHEMTREC)

EPA Reg. No. 83997-4
EPA Est. No. 10465-NC-1

DIRECTIONS FOR USE

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

Use ACQ-C2 to control all types of fungal decay of wood products - brown, white and soft rot and wood eating insects including termites. ACQ-C2 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 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 ACQ-C2 with EPA registered wood preservative compounds approved for wood treatment. Apply the tank mixed solution by pressure impregnation. Use the example mixing instructions attached to this label to achieve 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.

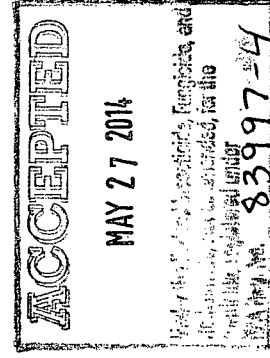
STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container in a cool, dry place.

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 for guidance.

Container Disposal: Non refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth several times. Empty the rinsate in application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration or by other procedures allowed by state and local authorities.



ACCEPTED

MAY 27 2014

Under the Federal Insecticide, Fungicide, and
Rodenticide Act, the following quantities of
product are required for the following quantities of
water: 839 97-4

Example Mixing Table for ACQ®-C2 and Q50-C to make ACQ Type D

Required Solution strength (% active)	Component balance (actives basis)		To mix 1000 gal treating solution, combine the following quantities of			Required Solution strength (% active)	Component balance (actives basis)		To mix 1000 gal treating solution, combine the following quantities of		
	CuO (equivalent)	Quat	ACQ-C2 (gal)	Q50-C, Q50 (gal)	Water (gal)		CuO (equivalent)	Quat	ACQ-C2 (gal)	Q50-C, Q50 (gal)	Water (gal)
2.10%	1.40%	0.70%	97.9	14.5	887.6	2.10%	1.40%	97.9	14.5	887.6	
2.15%	1.43%	0.72%	100.2	14.9	885.0	2.15%	1.43%	100.2	14.9	885.0	
2.20%	1.47%	0.73%	102.5	15.2	882.3	2.20%	1.47%	102.5	15.2	882.3	
2.25%	1.50%	0.75%	104.8	15.6	879.6	2.25%	1.50%	104.8	15.6	879.6	
2.30%	1.53%	0.77%	107.2	15.9	876.9	2.30%	1.53%	107.2	15.9	876.9	
2.35%	1.57%	0.78%	109.5	16.2	874.2	2.35%	1.57%	109.5	16.2	874.2	
2.40%	1.60%	0.80%	111.8	16.6	871.6	2.40%	1.60%	111.8	16.6	871.6	
2.45%	1.63%	0.82%	114.2	16.9	868.9	2.45%	1.63%	114.2	16.9	868.9	
2.50%	1.67%	0.83%	116.5	17.3	866.2	2.50%	1.67%	116.5	17.3	866.2	
2.55%	1.70%	0.85%	118.8	17.6	863.5	2.55%	1.70%	118.8	17.6	863.5	
2.60%	1.73%	0.87%	121.2	18	860.9	2.60%	1.73%	121.2	18	860.9	
2.65%	1.77%	0.88%	123.5	18.3	858.2	2.65%	1.77%	123.5	18.3	858.2	
2.70%	1.80%	0.90%	125.8	18.7	855.5	2.70%	1.80%	125.8	18.7	855.5	
2.75%	1.83%	0.92%	128.2	19	852.8	2.75%	1.83%	128.2	19	852.8	
2.80%	1.87%	0.93%	130.5	19.4	850.2	2.80%	1.87%	130.5	19.4	850.2	
2.85%	1.90%	0.95%	132.8	19.7	847.5	2.85%	1.90%	132.8	19.7	847.5	
2.90%	1.93%	0.97%	135.1	20	844.8	2.90%	1.93%	135.1	20	844.8	
2.95%	1.97%	0.98%	137.5	20.4	842.1	2.95%	1.97%	137.5	20.4	842.1	
3.00%	2.00%	1.00%	139.8	20.7	839.5	3.00%	2.00%	139.8	20.7	839.5	
3.05%	2.03%	1.02%	142.1	21.1	836.8	3.05%	2.03%	142.1	21.1	836.8	
3.10%	2.07%	1.03%	144.5	21.4	834.1	3.10%	2.07%	144.5	21.4	834.1	
3.15%	2.10%	1.05%	146.8	21.8	831.4	3.15%	2.10%	146.8	21.8	831.4	
3.20%	2.13%	1.07%	149.1	22.1	828.7	3.20%	2.13%	149.1	22.1	828.7	
3.25%	2.17%	1.08%	151.5	22.5	826.1	3.25%	2.17%	151.5	22.5	826.1	
3.30%	2.20%	1.10%	153.8	22.8	823.4	3.30%	2.20%	153.8	22.8	823.4	
3.35%	2.23%	1.12%	156.1	23.2	820.7	3.35%	2.23%	156.1	23.2	820.7	
3.40%	2.27%	1.13%	158.5	23.5	818.0	3.40%	2.27%	158.5	23.5	818.0	
3.45%	2.30%	1.15%	160.8	23.8	815.4	3.45%	2.30%	160.8	23.8	815.4	
3.50%	2.33%	1.17%	163.1	24.2	812.7	3.50%	2.33%	163.1	24.2	812.7	
3.55%	2.37%	1.18%	165.5	24.5	810.0	3.55%	2.37%	165.5	24.5	810.0	
3.60%	2.40%	1.20%	167.8	24.9	807.3	3.60%	2.40%	167.8	24.9	807.3	
3.65%	2.43%	1.22%	170.1	25.2	804.7	3.65%	2.43%	170.1	25.2	804.7	
3.70%	2.47%	1.23%	172.4	25.6	802.0	3.70%	2.47%	172.4	25.6	802.0	
3.75%	2.50%	1.25%	174.8	25.9	799.3	3.75%	2.50%	174.8	25.9	799.3	

Required Solution strength (% active)	Component balance (actives basis)		To mix 1000 gal treating solution, combine the following quantities of			Required Solution strength (% active)	Component balance (actives basis)		To mix 1000 gal treating solution, combine the following quantities of		
	CuO (equivalent)	Quat	ACQ-C2 (gal)	Q50-C, Q50 (gal)	Water (gal)		CuO (equivalent)	Quat	ACQ-C2 (gal)	Q50-C, Q50 (gal)	Water (gal)
0.40%	0.27%	0.13%	18.6	2.8	978.6	0.40%	0.27%	18.6	2.8	978.6	
0.45%	0.30%	0.15%	21	3.1	975.9	0.45%	0.30%	21	3.1	975.9	
0.50%	0.33%	0.17%	23.3	3.5	973.3	0.50%	0.33%	23.3	3.5	973.3	
0.55%	0.37%	0.18%	25.6	3.8	970.6	0.55%	0.37%	25.6	3.8	970.6	
0.60%	0.40%	0.20%	28	4.1	967.9	0.60%	0.40%	28	4.1	967.9	
0.65%	0.43%	0.22%	30.3	4.5	965.2	0.65%	0.43%	30.3	4.5	965.2	
0.70%	0.47%	0.23%	32.6	4.8	962.6	0.70%	0.47%	32.6	4.8	962.6	
0.75%	0.50%	0.25%	34.9	5.2	959.9	0.75%	0.50%	34.9	5.2	959.9	
0.80%	0.53%	0.27%	37.3	5.5	957.2	0.80%	0.53%	37.3	5.5	957.2	
0.85%	0.57%	0.28%	39.6	5.9	954.5	0.85%	0.57%	39.6	5.9	954.5	
0.90%	0.60%	0.30%	41.9	6.2	951.8	0.90%	0.60%	41.9	6.2	951.8	
0.95%	0.63%	0.32%	44.3	6.6	949.2	0.95%	0.63%	44.3	6.6	949.2	
1.00%	0.67%	0.33%	46.6	6.9	946.5	1.00%	0.67%	46.6	6.9	946.5	
1.05%	0.70%	0.35%	48.9	7.3	943.8	1.05%	0.70%	48.9	7.3	943.8	
1.10%	0.73%	0.37%	51.3	7.6	941.1	1.10%	0.73%	51.3	7.6	941.1	
1.15%	0.77%	0.38%	53.6	7.9	938.5	1.15%	0.77%	53.6	7.9	938.5	
1.20%	0.80%	0.40%	55.9	8.3	935.8	1.20%	0.80%	55.9	8.3	935.8	
1.25%	0.83%	0.42%	58.2	8.6	933.1	1.25%	0.83%	58.2	8.6	933.1	
1.30%	0.87%	0.43%	60.6	9	930.4	1.30%	0.87%	60.6	9	930.4	
1.35%	0.90%	0.45%	62.9	9.3	927.8	1.35%	0.90%	62.9	9.3	927.8	
1.40%	0.93%	0.47%	65.2	9.7	925.1	1.40%	0.93%	65.2	9.7	925.1	
1.45%	0.97%	0.48%	67.6	10	922.4	1.45%	0.97%	67.6	10	922.4	
1.50%	1.00%	0.50%	69.9	10.4	919.7	1.50%	1.00%	69.9	10.4	919.7	
1.55%	1.03%	0.52%	72.2	10.7	917.1	1.55%	1.03%	72.2	10.7	917.1	
1.60%	1.07%	0.53%	74.6	11.1	914.4	1.60%	1.07%	74.6	11.1	914.4	
1.65%	1.10%	0.55%	76.9	11.4	911.7	1.65%	1.10%	76.9	11.4	911.7	
1.70%	1.13%	0.57%	79.2	11.7	909.0	1.70%	1.13%	79.2	11.7	909.0	
1.75%	1.17%	0.58%	81.5	12.1	906.4	1.75%	1.17%	81.5	12.1	906.4	
1.80%	1.20%	0.60%	83.9	12.4	903.7	1.80%	1.20%	83.9	12.4	903.7	
1.85%	1.23%	0.62%	86.2	12.8	901.0	1.85%	1.23%	86.2	12.8	901.0	
1.90%	1.27%	0.63%	88.5	13.1	898.3	1.90%	1.27%	88.5	13.1	898.3	
1.95%	1.30%	0.65%	90.9	13.5	895.7	1.95%	1.30%	90.9	13.5	895.7	
2.00%	1.33%	0.67%	93.2	13.8	893.0	2.00%	1.33%	93.2	13.8	893.0	
2.05%	1.37%	0.68%	95.5	14.2	890.3	2.05%	1.37%	95.5	14.2	890.3	

4/9

MAY 27 2014

Under the Federal Insecticide, Fungicide, and
Rodenticide Act, as amended, for the
purpose of this registration, the
Required Solution

8397-4

Example Mixing Table for ACQ®-C2 and Q50-C to make ACQ Type A

Required Solution Strength (% active)	Component balance (actives basis)				To mix 1000 gal treating solution of combine the following quantities of				Required Solution Strength (% active)	Component balance (actives basis)				To mix 1000 gal treating solution of combine the following quantities of			
	CuO equivalent	Quat	ACQ-C2 (gal)	Q50-C, Q50 (gal)	Water (gal)	CuO equivalent	Quat	ACQ-C2 (gal)		Q50-C, Q50 (gal)	Water (gal)	CuO equivalent	Quat	ACQ-C2 (gal)	Q50-C, Q50 (gal)	Water (gal)	
0.40%	0.20%	0.20%	14	4.1	981.9	0.20%	0.20%	14	4.1	981.9	1.05%	1.05%	73.4	21.8	904.8		
0.45%	0.23%	0.23%	15.7	4.7	979.6	0.23%	0.23%	15.7	4.7	979.6	1.08%	1.08%	75.1	22.3	902.6		
0.50%	0.25%	0.25%	17.5	5.2	977.3	0.25%	0.25%	17.5	5.2	977.3	1.10%	1.10%	76.9	22.8	900.3		
0.55%	0.28%	0.28%	19.2	5.7	975.1	0.28%	0.28%	19.2	5.7	975.1	1.13%	1.13%	78.6	23.3	898		
0.60%	0.30%	0.30%	21	6.2	972.8	0.30%	0.30%	21	6.2	972.8	1.15%	1.15%	80.4	23.8	895.8		
0.65%	0.33%	0.33%	22.7	6.7	970.6	0.33%	0.33%	22.7	6.7	970.6	1.18%	1.18%	82.1	24.4	893.5		
0.70%	0.35%	0.35%	24.5	7.3	968.3	0.35%	0.35%	24.5	7.3	968.3	1.20%	1.20%	83.9	24.9	891.2		
0.75%	0.38%	0.38%	26.2	7.8	966	0.38%	0.38%	26.2	7.8	966	1.23%	1.23%	85.6	25.4	889		
0.80%	0.40%	0.40%	28	8.3	963.8	0.40%	0.40%	28	8.3	963.8	1.25%	1.25%	87.4	25.9	886.7		
0.85%	0.43%	0.43%	29.7	8.8	961.5	0.43%	0.43%	29.7	8.8	961.5	1.28%	1.28%	89.1	26.4	884.4		
0.90%	0.45%	0.45%	31.4	9.3	959.2	0.45%	0.45%	31.4	9.3	959.2	1.30%	1.30%	90.9	27	882.2		
0.95%	0.48%	0.48%	33.2	9.8	957	0.48%	0.48%	33.2	9.8	957	1.33%	1.33%	92.6	27.5	879.9		
1.00%	0.50%	0.50%	34.9	10.4	954.7	0.50%	0.50%	34.9	10.4	954.7	1.35%	1.35%	94.4	28	877.6		
1.05%	0.53%	0.53%	36.7	10.9	952.4	0.53%	0.53%	36.7	10.9	952.4	1.38%	1.38%	96.1	28.5	875.4		
1.10%	0.55%	0.55%	38.4	11.4	950.2	0.55%	0.55%	38.4	11.4	950.2	1.40%	1.40%	97.9	29	873.1		
1.15%	0.58%	0.58%	40.2	11.9	947.9	0.58%	0.58%	40.2	11.9	947.9	1.43%	1.43%	99.6	29.5	870.8		
1.20%	0.60%	0.60%	41.9	12.4	945.6	0.60%	0.60%	41.9	12.4	945.6	1.45%	1.45%	101.4	30.1	868.6		
1.25%	0.63%	0.63%	43.7	13	943.4	0.63%	0.63%	43.7	13	943.4	1.48%	1.48%	103.1	30.6	866.3		
1.30%	0.65%	0.65%	45.4	13.5	941.1	0.65%	0.65%	45.4	13.5	941.1	1.50%	1.50%	104.9	31.1	864		
1.35%	0.68%	0.68%	47.2	14	938.8	0.68%	0.68%	47.2	14	938.8	1.53%	1.53%	106.6	31.6	861.8		
1.40%	0.70%	0.70%	48.9	14.5	936.6	0.70%	0.70%	48.9	14.5	936.6	1.55%	1.55%	108.4	32.1	859.5		
1.45%	0.73%	0.73%	50.7	15	934.3	0.73%	0.73%	50.7	15	934.3	1.58%	1.58%	110.1	32.7	857.2		
1.50%	0.75%	0.75%	52.4	15.5	932	0.75%	0.75%	52.4	15.5	932	1.60%	1.60%	111.9	33.2	855		
1.55%	0.78%	0.78%	54.2	16.1	929.8	0.78%	0.78%	54.2	16.1	929.8	1.63%	1.63%	113.6	33.7	852.7		
1.60%	0.80%	0.80%	55.9	16.6	927.5	0.80%	0.80%	55.9	16.6	927.5	1.65%	1.65%	115.3	34.2	850.4		
1.65%	0.83%	0.83%	57.7	17.1	925.2	0.83%	0.83%	57.7	17.1	925.2	1.68%	1.68%	117.1	34.7	848.2		
1.70%	0.85%	0.85%	59.4	17.6	923	0.85%	0.85%	59.4	17.6	923	1.70%	1.70%	118.8	35.3	845.9		
1.75%	0.88%	0.88%	61.2	18.1	920.7	0.88%	0.88%	61.2	18.1	920.7	1.73%	1.73%	120.6	35.8	843.6		
1.80%	0.90%	0.90%	62.9	18.7	918.4	0.90%	0.90%	62.9	18.7	918.4	1.75%	1.75%	122.3	36.3	841.4		
1.85%	0.93%	0.93%	64.7	19.2	916.2	0.93%	0.93%	64.7	19.2	916.2	1.78%	1.78%	124.1	36.8	839.1		
1.90%	0.95%	0.95%	66.4	19.7	913.9	0.95%	0.95%	66.4	19.7	913.9	1.80%	1.80%	125.8	37.3	836.8		
1.95%	0.98%	0.98%	68.1	20.2	911.6	0.98%	0.98%	68.1	20.2	911.6	1.83%	1.83%	127.6	37.8	834.6		
2.00%	1.00%	1.00%	69.9	20.7	909.4	1.00%	1.00%	69.9	20.7	909.4	1.85%	1.85%	129.3	38.4	832.3		
2.05%	1.03%	1.03%	71.6	21.3	907.1	1.03%	1.03%	71.6	21.3	907.1	1.88%	1.88%	131.1	38.9	830		

Example Mixing Table for ACQ®-C2 and Ecovance™ wood preservative components

Solution strength (active)	Component balance (actives basis)			To Mix 1000 gallons treating solution combine the following quantities of		
	CuO (equivalent)	DCOIT		ACQ-C2 (gal)	EcoVance™ (gal)	Water (gal)
0.50%	0.479%	0.021%		33.4	0.9	965.7
0.55%	0.527%	0.023%		36.8	1.0	962.2
0.60%	0.574%	0.026%		40.1	1.1	958.8
0.65%	0.622%	0.028%		43.5	1.1	955.4
0.70%	0.670%	0.030%		46.8	1.2	951.9
0.75%	0.718%	0.032%		50.2	1.3	948.5
0.80%	0.766%	0.034%		53.5	1.4	945.1
0.85%	0.814%	0.036%		56.9	1.5	941.6
0.90%	0.862%	0.038%		60.2	1.6	938.2
0.95%	0.910%	0.040%		63.5	1.7	934.8
1.00%	0.957%	0.043%		66.9	1.8	931.3
1.05%	1.005%	0.045%		70.2	1.9	927.9
1.10%	1.053%	0.047%		73.6	1.9	924.5
1.15%	1.101%	0.049%		76.9	2.0	921.0
1.20%	1.149%	0.051%		80.3	2.1	917.6
1.25%	1.197%	0.053%		83.6	2.2	914.2
1.30%	1.245%	0.055%		87.0	2.3	910.7
1.35%	1.293%	0.057%		90.3	2.4	907.3
1.40%	1.340%	0.060%		93.6	2.5	903.9
1.45%	1.388%	0.062%		97.0	2.6	900.4
1.50%	1.436%	0.064%		100.3	2.6	897.0
1.55%	1.484%	0.066%		103.7	2.7	893.6
1.60%	1.532%	0.068%		107.0	2.8	890.1
1.65%	1.580%	0.070%		110.4	2.9	886.7
1.70%	1.628%	0.072%		113.7	3.0	883.3
1.75%	1.676%	0.074%		117.1	3.1	879.8
1.80%	1.723%	0.077%		120.4	3.2	876.4
1.85%	1.771%	0.079%		123.8	3.3	873.0
1.90%	1.819%	0.081%		127.1	3.4	869.5
1.95%	1.867%	0.083%		130.4	3.4	866.1
2.00%	1.915%	0.085%		133.8	3.5	862.7

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MAY 27 2014
University of California, Riverside, Riverside, and
California State University, Fullerton, for the
California Department of Pesticide Regulation
PRA Ref. No. 83997-4

Example Mixing Table for ACQ®-C2 and Viance Pack PT

wood preservative components

Solution Strength (%active)	Component balance (actives basis)		To mix 1000 gal treating solution combine the following quantities of			
	Cu (equivalent)	Pack PT (Total azoles)	ACQ C2 (gal)	Viance Pack PT (oz)	Water (gal)	
0.2	0.1922	0.0078	17.5	105	981.7	
0.3	0.2883	0.0117	26.3	157	972.5	
0.4	0.3844	0.0156	35.0	209	963.4	
0.5	0.4805	0.0195	43.8	261	954.2	
0.6	0.5766	0.0234	52.5	314	945.0	
0.7	0.6727	0.0273	61.3	366	935.8	
0.8	0.7688	0.0312	70.0	418	926.7	
0.9	0.8649	0.0351	78.8	470	917.5	
1.0	0.961	0.0390	87.5	523	908.4	
1.1	1.0571	0.0429	96.3	575	899.2	
1.2	1.1532	0.0468	105.0	627	890.1	
1.3	1.2493	0.0507	113.8	680	880.9	
1.4	1.3454	0.0546	122.5	732	871.8	
1.5	1.4415	0.0585	131.3	784	862.6	
2.0	1.9220	0.0780	175.0	1045	816.8	

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83997-4

Example Mixing table for tank mixing ACQ-C2 with Polymeric Betaine EP

Solution Strength % Active	Component balance Actives Basis (%)			To mix 1000 gallons of solution, combine the following in gallons		
	CuO	Polymeric Betaine	ACQ-C2	Polymeric Betaine EP	Water	
0.40%	0.271%	0.129%	19.23	2.17	978.60	
0.60%	0.406%	0.194%	28.85	3.25	967.90	
0.80%	0.542%	0.258%	38.46	4.33	957.21	
1.00%	0.677%	0.323%	48.08	5.42	946.51	
1.50%	1.016%	0.484%	72.11	8.13	919.76	
2.00%	1.354%	0.646%	96.15	10.83	893.01	
2.50%	1.693%	0.807%	120.19	13.54	866.27	
3.00%	2.031%	0.969%	144.23	16.25	839.52	
3.50%	2.370%	1.130%	168.27	18.96	812.77	
4.00%	2.709%	1.291%	192.31	21.67	786.03	

ACCEPTED

MAY 27 2014

Used by the Pesticide, Insecticide, Fungicide, and Herbicide, not to be utilized, for the purpose, registered under EPA Reg. No. 83997-3

8/9

Example Mixing table for tank mixing ACQ-C2 with Impralit-ECO custom blend

Solution Strength % Active	Component balance Actives Basis (%)			To mix 1000 gallons of solution, combine the following in gallons		
	Cu	ECO	Water	ACQ-C2	ECO	Water
0.12%	0.115%	0.005%	989.28	10.26	0.46	989.28
0.16%	0.154%	0.006%	985.71	13.68	0.62	985.71
0.20%	0.192%	0.008%	982.14	17.09	0.77	982.14
0.24%	0.231%	0.009%	978.56	20.51	0.92	978.56
0.28%	0.269%	0.011%	974.99	23.93	1.08	974.99
0.32%	0.308%	0.012%	971.42	27.35	1.23	971.42
0.36%	0.346%	0.014%	967.85	30.77	1.38	967.85
0.40%	0.385%	0.015%	964.27	34.19	1.54	964.27
0.45%	0.433%	0.017%	959.81	38.46	1.73	959.81
0.50%	0.481%	0.019%	955.34	42.74	1.92	955.34
0.55%	0.529%	0.021%	950.88	47.01	2.12	950.88
0.60%	0.577%	0.023%	946.41	51.28	2.31	946.41
0.70%	0.673%	0.027%	937.48	59.83	2.69	937.48
0.80%	0.769%	0.031%	928.55	68.38	3.08	928.55
0.90%	0.865%	0.035%	919.62	76.92	3.46	919.62
1.00%	0.962%	0.038%	910.68	85.47	3.85	910.68
1.10%	1.058%	0.042%	901.75	94.02	4.23	901.75

