

05-MAY-2003

CSI

READ THE LABEL BEFORE USING

ACQ-2B

**COMPONENT FOR WOOD PRESERVATIVE ACQ
COMMERCIAL**

GUARANTEE:

Didecyl dimethylammonium chloride: 80%

DANGER

POISON

**CORROSIVE TO EYES AND SKIN
KEEP OUT OF REACH OF CHILDREN**

**REGISTRATION NO. 23814
PEST CONTROL PRODUCTS ACT**

**NET CONTENTS:
208 LITRES**

Chemical specialties, Inc.
200 E. Woodlawn Road
Charlotte, NC 28217
USA

For further information on the storage, handling, use and disposal of ACQ-2B, refer to "Ammoniacal Copper Quat (ACQ) WoodPreservation Facilities, Recommendations for Design and Operation".

PRECAUTIONS:

Concentrate is harmful or fatal if swallowed or inhaled. Corrosive. Causes irreversible eye damage and severe skin burns.

Do not get in eyes, on skin or on clothing.

Wear full face protection, coveralls, chemical resistant boots and chemical resistant gloves when handling the concentrate or dilute solution, when opening treating cylinder doors and during cleaning, maintenance and repair activities on storage vessels or treating cylinders. In addition, wear a cartridge respirator when handling the concentrate, when handling the dilute solution if the area is not well ventilated, when opening treating cylinder doors and during cleaning, maintenance and repair activities on storage vessels or treating cylinders. Wear coveralls and gloves when handling freshly treated wood.

Wash hands and face before eating, drinking, smoking and using the toilet. Change clothing daily. Wash contaminated clothing separately from household laundry.

FIRST AID:

Skin contact: Remove contaminated clothing. Flush affected areas immediately with flowing water for at least 15 minutes. Get prompt medical attention if the skin becomes inflamed.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention.

Inhalation: Immediately remove the exposed person to fresh air. Apply artificial respiration if breathing has stopped (do not use mouth to mouth method). Keep the affected person warm and quiet. Get immediate medical attention.

Ingestion: Promptly drink a large quantity of milk, egg whites or gelatin solution. If these are not available, drink large quantities of water. Never give liquid to an unconscious person. Call an industrial physician or poison control centre IMMEDIATELY for subsequent advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

USE LIMITATIONS:

Treated wood is not to be used in contact with foodstuffs such as edible plants or for construction of food holding containers, food storage facilities or food growing buildings, e.g., mushroom

houses. Treated sawdust, shavings and residues of the treatment process should not come in contact with livestock or be used as bedding or litter.

DIRECTIONS FOR USE:

To be used only in pressure-treatment, wood-preserving plants by combining with ACQ-1A concentrate and diluting the resulting solution to produce ACQ wood preserving solution.

Function of ACQ-2B and ACQ-1A:

ACQ-2B is a concentrate of didecyl dimethylammonium chloride and is to be used ONLY by combining with ACQ-1A (copper carbonate in ammonium hydroxide solution) and diluting to produce the wood preservative ACQ (see formulation instructions below). ACQ-1A and ACQ-2B are to be combined only in industrial wood preserving plants. The formulated preservative ACQ is to be used for pressure treatment of wood according to CSA or other national, international or customer specifications.

FORMULATION INSTRUCTIONS:

1. To prepare 29,500 litres of 2% ACQ 1:1

Add 26,600 litres of water and 465 litres of 29% aqueous ammonium hydroxide to the mix tank and begin slow agitation. Add 2,035 litres of ACQ-1A, followed by 415 litres of ACQ-2B. Continue agitation to ensure complete mixing. The product will be 29,500 litres of treating solution containing 2% of combined CuO plus quat. The ratio of NH_3 to CuO will be 1.2. The amount of water added to the mix tank can be varied to obtain treating solutions of different concentrations.

2. To prepare 22,200 litres of 2% ACQ 2:1

Add 19,450 litres of water and 465 litres 29% aqueous ammonium hydroxide to the mix tank and begin slow agitation. Add 2,035 litres of ACQ-1A, followed by 207 litres of ACQ-2B. Continue agitation to ensure complete mixing. The product will be 22,200 litres of treating solution containing 2% of combined CuO plus quat. The ratio of NH_3 to CuO will be 1.2. The amount of water added to the mix tank can be varied to obtain treating solutions of different concentrations.

STORAGE:

DO NOT USE OR STORE CONCENTRATE NEAR HEAT OR OPEN FLAME.
DO NOT USE IN CONTACT WITH BRASS, BRONZE OR COPPER.

ENVIRONMENTAL HAZARD:

ACQ-2B is toxic to fish. Do not flush liquid wastes into streams or other surface water.

DISPOSAL:

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean up of spills

NOTICE TO USER:

This control product is to be used only in accordance with the direction on this label. It is an offence under The Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.