PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Concentrated biocide for use as a wood preservative. When used as directed, will protect treated wood articles from the destructive attack of fungi, mold and mildew.

Active Ingredients:
Dicyclo dimethyl ammonium carbonate and Dicyclo dimethyl ammonium bicarbonate .................................................. 50.0% 
Inert Ingredients: ........................................................................ 50.0% 
TOTAL: .................................................................................... 100.0%
Contains 7.0 lbs. of product per gallon at 25°C

KEEP OUT OF REACH OF CHILDREN
DANGER
See side panel for additional precautionary statements

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

IF IN EYES:
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 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.

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

Manufactured for:
Lonza, Inc., 90 Burlington Road, Andellea, New Jersey 07421 USA
Emergency Tel. No. 309-697-7200

PPR Reg. No. 66784-720
EPA Reg. No. 66364-I-1
Net Contents: 250 gallons (2000 lb) (907.19 Kg)

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
BARamine™ is an end-use product that is intended to be used with registered alkaline copper wood preservatives. Prepare a use-solution (0.6-3.9% active) by mixing BARamine™ with water and the copper product according to the attached mixing tables. BARamine™ can also be used alone or in combination with other EPA-registered organic and inorganic wood preservatives, provided that the mixing is not inconsistent with the labeling of any product in the mixture. When used alone, prepare a 0.5-3.0% active use-solution of BARamine™ in water. A closed-system must be used when preparing the use-solution and for delivery of the use-solution to the treatment vessel.

PRESSURE TREATMENT INSTRUCTIONS
Place the wood article to be treated into the pressure cylinder and seal unit. Tent the wooden articles using the pressure treatment procedures consistent with the equipment being used and standard treatment practices. Treatment conditions must be calibrated to yield a 0.5 to 0.8 lb/ft² (0.8 to 3.2 kg/m²) active retention in the treated article of dicyclo dimethyl ammonium carbonate/bicarbonate. When used as a moldicide in combination with other EPA-registered wood preservatives the active retention can be reduced to provide the required mold protection. A final vacuum should be used during treatment process to remove any excess treatment solution from surface of treated wood article. Consult the BARamine™ Technical Bulletin for additional information.

DIP TREATMENT (Not for use in California)

Spray the wood to be treated on a suitable holder and convey the stack into the treating solution making sure that the stack is completely immersed. Dip times should range from 30 seconds (individual pieces) up to 30 minutes (bundled wooden articles). Use a concentration of 0.5-3.0% active dicyclo dimethyl ammonium carbonate/bicarbonate; the concentration should be customized to the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood. When used as a moldicide the concentration can be reduced to provide the required mold protection.

SPRAY-BASED APPLICATION (Not for use in California)

For sapstain and mold protection only; a negative-pressure spraybox equipped with effective mist elimination may be used. Prepare the treating solution by adding 1 gallon BARamine™ to 15 - 30 gallons of water. The concentration should be customized to achieve the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood. When used as a moldicide the concentration can be reduced to provide the required mold protection. Mix thoroughly to ensure uniform composition. Application rates will vary according to wood species and moisture content, temperature, humidity, storage conditions and inoculum pressure. Ensure that the treatment conditions are such that the wood articles are uniformly covered with the treating solution. Monitor spray booth mixtures to ensure proper concentrations are being maintained.

NOTE: BARamine™ cannot be used to treat wood intended for direct continuous salt water (marine) immersion. Treated wood must be marked accordingly. In addition, BARamine™ is not approved for treating wooden articles that are used or intended for use in the packaging of food or feed.

STORAGE AND DISPOSAL:
Do not store or dispose untreated water, food or feed by storage or disposal.

PESTICIDE STORAGE:
Do not store on side, Avoid creasing or Impacting of side walls.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these pesticides 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: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

Plastic and Metal Containers) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill tank the full tank with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If rinseate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acutely hazardous wastes and must be disposed in accordance with local, state and federal regulations. DO NOT cut or weld metal containers.

Tote Container: Nonrefillable container. Do not reuse or refill this container. Empty tote container must be returned to a tote collection agent. Residue Removal — Cleaning container before final disposal is the responsibility of the person disposing of the container. To clean container before final disposal, fill container about 10 percent full with water, agitate container vigorously, discard rinseate according to pesticide disposal instructions; repeat this rinsing procedure two more times. For additional container disposal information, contact product supplier.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Do not get in eyes, on skin or clothing. Do not breathe vapor. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Harmful if absorbed through the skin.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear:
• Long-sleeved shirt and long-pants
• Chemical-resistant gloves
• Chemical-resistant footwear plus socks
• Protective eyewear (chemical splash goggles or face shield)

Individuals who enter pressure treatment cylinders and other related equipment that are contaminated with the wood treatment solution (e.g., cylinders that are in operation or are not free of the treatment solution) must wear the following PPE: long-sleeved shirt and long-pants, chemical-resistant gloves, chemical resistant footwear plus socks, protective eyewear (chemical splash goggles or face shield) and a respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

Protective clothing must be changed when it shows signs of contamination. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Applicators must not eat or drink, or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation (e.g., manually opening/closing cylinder doors, moving trams out of cylinders, chemicals, handling freshly treated wood).

ENVIRONMENTAL HAZARDS
This product is toxic to fish and aquatic invertebrates. Do not contaminate water by cleaning of equipment or disposal of wash waters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other 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.

PHYSICAL AND CHEMICAL HAZARDS
Do not use or store near heat or open flame.

BARamine™
Concentrated biocide for use as a wood preservative. When used as directed, will protect treated wood articles from the destructive attack of fungi, mold and mildew.

Active Ingredients:
Didexyl dimethyl ammonium carbonate and Didexyl dimethyl ammonium bicarbonate ........................................ 50.0%
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TOTAL............................................................................... 100.0%
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FIRST AID
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IF IN EYES:
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• Remove contact lenses, if present, after 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 a 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.

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

Manufactured for:
Lonza, Inc., 90 Boroline Road, Allendale, New Jersey 07401 USA
Emergency Tel. No. 309-697-7200
EPA Reg. No. 6836-304
EPA Est. No. 6836-IL1
Net Contents: 250 gallons (2000 lbs) (907.19 Kg)
DIRECTIONS FOR USE

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PRESSURE TREATMENT INSTRUCTIONS

Place the wood article to be treated into the pressure cylinder and seal unit. Treat the wooden articles using the pressure treatment procedures consistent with the equipment being used and standard treatment practices. Treatment conditions must be calibrated to yield a 0.05 to 0.2 lb/ft³ (0.8 to 3.2 kg/m³) active retention in the treated article of didecyl dimethyl ammonium carbonate/bicarbonate. When used as a moldicide in combination with other EPA-registered wood preservatives the active retention can be reduced to provide the required mold protection. A final vacuum should be used during treatment process to remove any excess treatment solution from surface of treated wood article. Consult the BARamine™ Technical Bulletin for additional information.

DIP TREATMENT (Not for use in California)

Stack the wood to be treated on a suitable holder and convey the stack into the treating solution making sure that the stack is completely immersed. Dip times should range from 30 seconds (individual pieces) up to 30 minutes (bundled wooden articles). Use a concentration of 0.5-3.0% active didecyl dimethyl ammonium carbonate/bicarbonate; the concentration should be customized to the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood. When used as a moldicide the concentration can be reduced to provide the required mold protection.

SPRAY-BOX APPLICATION (Not for use in California)

For sapstain and mold protection only; a negative-pressure spraybox equipped with effective mist elimination may be used. Prepare the treating solution by adding 1 gallon BARamine™ to 15 - 30 gallons of water. The concentration should be customized to achieve the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood. When used as a moldicide the concentration can be reduced to provide the required mold protection. Mix thoroughly to ensure uniform composition. Application rates will vary according to wood species and moisture content, temperature, humidity, storage conditions and inoculum pressure. Ensure that the treatment conditions are such that the wood articles are uniformly covered with the treating solution. Monitor spray booth mixtures to ensure proper concentrations are being maintained.

NOTE: BARamine™ cannot be used to treat wood intended for direct continuous salt water (marine) immersion. Treated wood must be marked accordingly. In addition, BARamine™ is not approved for treating wooden articles that are used or intended for use in the packaging of food or feed.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Do not store on site. Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these pesticides 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: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

Plastic and Metal Containers: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. DO NOT cut or weld metal containers.

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