

75269-1

10/31/2006

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:

75269-1

Date of Issuance:

October 31, 2006

Term of Issuance:

**Conditional**

Name of Pesticide Product:

Polymeric betaine

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Rutgers Organics GmbH  
Sandhofer Strasse Postfach 31 01 60  
Mannheim, Germany D-68305

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)(C) 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 re-registration 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.75269-1".

Signature of Approving Official:

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

Date:

October 31, 2006

- b. Revise the precautionary statement to read as follows:

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

**CORROSIVE:** Causes irreversible eye damage and skin burn. Do not get in eyes, on skin, or on clothing. Fatal if inhaled. Do not breathe vapor or spray. Harmful if swallowed. Wear a chemical resistant apron. When handling in open system, coveralls, long-sleeved shirt and long pants, socks and chemical resistant foot wear; goggles or face shield, and chemical resistant gloves (such as barrier laminate or butyl nitrile/neoprene Rubber, PVC, viton at ≥ 14 mils). Promptly wash hands and skin with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

- c. Revise the signal word to read:

**DANGER**  **POISON**

**CORROSIVE TO SKIN AND EYES**

- d. Under the storage and disposal heading, add the following statement:

*“Do not contaminate water, food, or feed by storage and disposal.”*

- e. Revise the first sentence in the environmental hazard statement to read:

*“This product is toxic to fish and aquatic invertebrates, including oysters and shrimp.”*

- f. Revise the heading to read “PHYSICAL OR CHEMICAL HAZARDS.”

- g. Add the establishment number to the labeling.

3. Submit the following data, conducted under the conditions of the Good Laboratory Practice (GLP) Standards by the date specified below. Note these studies must be submitted, reviewed and found acceptable in order to satisfy the conditions of this registration :

Mouse Carcinogenicity study	870.4200	10/31/2009
Dermal Sensitization Study for the Technical Grade Product	870.2600	10/31/2007
Hydrolysis study (30 days, using radiolabeled compound and identifying degradation products)	835.2120	4/31/2007
Aerobic soil metabolism at 20-30 degrees C	835.4100	10/31/2007

Avian acute oral <sup>1</sup>	850.2100	10/31/2007
Freshwater fish acute - coldwater species (e.g. rainbow trout or salmon species) <sup>1</sup>	850.1075	10/31/2007
Freshwater invertebrate acute <sup>1</sup>	850.1010	10/31/2007
Data to confirm that polymeric betaine fixes in treated wood within three days of application		4/31/2007

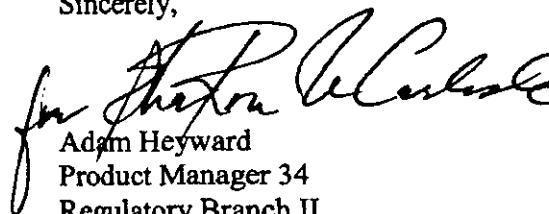
<sup>1</sup>Use the compound actually leached from poly B treated wood, as "bridging" data to confirm that it is comparable DDAC in toxicity

4. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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 (7510P)

Enclosure: (Stamped Label)

**Polymeric betaine  
Technical Grade Active Ingredient  
Wood Preservative**

**FOR MANUFACTURING USE ONLY**  
in formulating end-use products



**DANGER – CORROSIVE TO SKIN AND EYES**

Active Ingredient –

Didecyl-bis(2-hydroxyethyl)ammonium	
Borate.....	59.6%
Other ingredients.....	40.4%
TOTAL .....	100.0%

Registration No. 75269-XX

Net Contents: See waybill; shipped in bulk

Rütgers Organics GmbH  
Sandhofer Strasse  
Postfach 31 01 60  
D-68305 Mannheim, Germany  
49.621.7654.408

**ACCEPTED**  
with COMMENTS  
EPA Letter Dated:

OCT 31 2006

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

75269-1

<b>FIRST AID</b>	
[This product contains a quaternary ammonium salt]	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>▪ Call a poison control center or doctor immediately for treatment advice.</li> <li>▪ Have person sip a glass of water if able to swallow.</li> <li>▪ Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>▪ Move person to fresh air.</li> <li>▪ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>▪ Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
For emergency information call 1-800-XXXX	
Have container, label or product name and Registration Number with you when calling a poison control center or doctor, or going for medical treatment.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

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## PRECAUTIONARY STATEMENTS

### DANGER

#### HAZARD TO HUMANS

**Corrosive.** Causes irreversible eye damage. Causes skin burns. Do not get in eyes or on clothing. When handling in open systems, wear protective eyewear (goggles or face shield), coveralls over long-sleeve shirt and long pants, socks, chemical-resistant footwear and chemical-resistant (such as nitrile or butyl) gloves. Removed contaminated clothing and wash clothing before reuse. Promptly wash hands and skin with soap and water after handling.

#### ENVIRONMENTAL HAZARDS

Toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with 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.

#### CHEMICAL HAZARDS

This product, and its diluted solutions, are not compatible with non-ferrous heavy metals such as zinc, brass and galvanized equipment. Please ask for technical advice before mixing with other products. Concentrate becomes very viscous at low temperatures.

## STORAGE AND DISPOSAL

**Pesticide Storage:** Store in an appropriate container, such as iron or steel. Keep container tightly sealed. Protect from extreme heat and cold.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide concentrate, diluted solution, 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 Return:** Return empty shipping container to point of purchase (manufacturer or distributor).

## DIRECTIONS FOR USE

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

This product is intended only for use by formulators preparing end-use products for pressure-vacuum treatment of wood. It may be used for formulating products for additional uses not listed on the label if the formulator, user group or user has complied with EPA data submission requirements regarding support of such uses.

## WARRANTY

RÜTGERS Organics GmbH warrants that this product conforms to the chemical description on the label. RÜTGERS Organics GmbH makes no warranties of merchantability or fitness for a particular purpose nor any other expressed or implied warranty except as stated above.