

464-619

10/5/2009

10/6/09



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OCT 5 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Rhonda Vance-Moeser, Senior Regulatory Specialist  
The Dow Chemical Company  
1803 Building  
Midland, MI 48674

Subject: Notification per PR Notice 98-10  
Antimicrobial DTEA 15%  
EPA Registration Number: 464-619  
Application Date: September 14, 2009  
Receipt Date: September 15, 2009

Dear Ms. Vance-Moeser:

This acknowledges receipt of your notification, submitted under the provisions of PR Notice 98-10 and FIFRA section 3 (c) 9.

**Proposed Notification:**

Label revision as per PR Notice 2007-4.

**General Comments:**

The notification is acceptable. A copy has been inserted in your file for future reference.

Should you have further questions concerning this letter, please contact Killian Swift by telephone at 703-308-6346 or by email at [swift.killian@epa.gov](mailto:swift.killian@epa.gov). When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

ShaRon Carlisle  
(Acting) Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> 464-619	<b>2. EPA Product Manager</b> Adam Heyward	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Dow Chemical /Antimicrobial DTEA 15%	<b>PM#</b> 34	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> The Dow Chemical Company 1803 Building Midland, MI 48674  <input type="checkbox"/> Check if this is a new address	<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification to update label in response to PR Notice 2007-4. Enclosed cover letter reflects the required Notification statement.

**Section - III**

**1. Material This Product Will Be Packaged In:**

<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  If "Yes" Unit Packaging wgt.    No. per container	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  If "Yes" Package wgt    No. per container	<b>2. Type of Container</b> <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
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*\* Certification must be submitted*

<b>3. Location of Net Contents Information</b> <input type="checkbox"/> Label <input type="checkbox"/> Container	<b>4. Size(s) Retail Container</b>	<b>5. Location of Label Directions</b> <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
<b>6. Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

**Section - IV**

**1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)**

<b>Name</b> Rhonda Vance-Moeser	<b>Title</b> Sr. Regulatory Specialist	<b>Telephone No. (Include Area Code)</b> (989) 636-1884
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<p align="center"><b>Certification</b></p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>	<p><b>6. Date Application Received (Stamped)</b></p> <p style="text-align: center;">                 . . . . .                  . . . . .                  . . . . .                  . . . . .                  . . . . .                  . . . . .                  . . . . .                  . . . . .                  . . . . .                  . . . . .             </p>
<b>2. Signature</b> 	<b>3. Title</b> Sr. Regulatory Specialist
<b>4. Typed Name</b> Rhonda Vance-Moeser	<b>5. Date</b> Sept. 14, 2009



4096

# ANTIMICROBIAL DTEA 15%

Controls bacterial, fungal and algal slimes in recirculating cooling water systems  
FOR INDUSTRIAL USE ONLY

**Active Ingredient:**

2-(Decylthio)ethanamine, hydrochloride salt* .....	15%
Inert Ingredient(s): .....	85%
<b>Total</b>	<b>100%</b>

**NOTIFICATION**  
 Date Reviewed: 10/5/09  
 Reviewed By: *[Signature]*

\*2-(Decylthio)ethanamine equivalent: 12.8%

E.P.A. Registration No. 464-619

E.P.A. Est. 464-MI-1

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUSES IREVERSIBLE EYE DAMAGE; CAUSES SKIN IRRITATION;  
 HARMFUL OR FATAL IF SWALLOWED; HARMFUL IF ABSORBED THROUGH SKIN  
 DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING WEAR GOGGLES OR FACE  
 SHIELD, PROTECTIVE CLOTHING, AND RUBBER GLOVES WHEN HANDLING.  
 WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. REMOVE  
 CONTAMINATED CLOTHING AND WASH BEFORE REUSE.**

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 30 minutes</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue Rinsing eye.</li> <li>• Call 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 poison control center or doctor for treatment advice</li> <li>• Promptly drink a large quantity of milk, egg whites, or gelatin solution; if these are not available, drink large quantities of water. Avoid alcohol.</li> <li>• Do not induce vomiting unless told to do so by poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p><b>IN CASE OF AN EMERGENCY</b> endangering life or property involving this product, call collect 989-636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<b>NOTE TO PHYSICIAN</b>	
<p>Probable mucosal damage may contraindicate the use of gastric lavage</p>	

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, oceans, estuaries, or public waters unless this product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product to public sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PESTICIDE STORAGE AND DISPOSAL**

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

**Storage:** To maintain product quality, store at temperatures below 60°C. Keep container tightly closed when not in use.

**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:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**DIRECTIONS FOR USE**

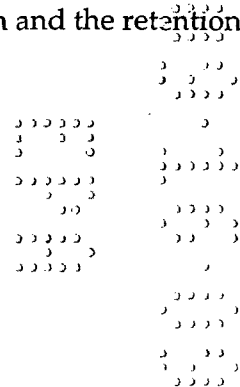
It is a violation of Federal Law to use this product in a manner inconsistent with the labeling.

**RECIRCULATING COOLING WATER SYSTEMS**

ANTIMICROBIAL DTEA 15% controls bacterial, fungal, and algal slimes in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow-through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers.

Add ANTIMICROBIAL DTEA 15% to any point of uniform mixing in the system being treated. Addition should be made with a metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun and the retention time in the system.

Badly fouled systems must be cleaned before treatment is begun.



**FOR CONTROL OF BACTERIA, FUNGI, AND ALGAE**

ANTIMICROBIAL DTEA 15% is effective against bacteria, fungi, and algae, particularly in systems operating at pH 7.5 or higher.

**INTERMITTENT OR SLUG METHOD**

Initial Treatment: To clean fouled systems, add 6-41 fluid ounces of ANTIMICROBIAL DTEA 15% per 1,000 gallons of water in the system. Repeat this dosage as needed until fouling has been reduced to an acceptable level and microbial control has been attained.

Maintenance Treatment: After initial microbial control has been attained, or to prevent fouling of a clean system, add 0.5-25 fluid ounces of ANTIMICROBIAL DTEA 15% per 1,000 gallons of water in the system as needed to maintain control.

**CONTINUOUS FEED METHOD**

Initial Treatment: When the system is noticeably fouled, add ANTIMICROBIAL DTEA 15% at the rate of 6-41 fluid ounces per 1,000 gallons of water in the system.

Maintenance Treatment: After the desired level of control has been achieved, continuously feed ANTIMICROBIAL DTEA 15% at a dosage of 0.5-2.0 fluid ounces per 1,000 gallons of water in the system.

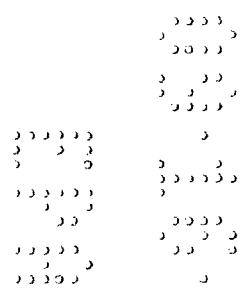
**Notice:** Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label (except uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration) when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

**NOTICE**

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

NET WT:

**Dow Diamond**  
**THE DOW CHEMICAL COMPANY**  
**Midland, Michigan 48674**  
**1-800-258-CHEM**



**\*Trademark of THE DOW CHEMICAL COMPANY**

