

3377-46

04/03/2007

1/4

Albemarle DAQ1010-5-W Biocide label

**ALBEMARLE DAQ1010-5-W**

**A Water Treatment Microbiocide for Re-circulating Cooling Water Tower and Oil Field  
Water Flood/Salt Water Disposal System and Once Through Fresh Water Cooling Systems  
and fracturing fluids**

**ACTIVE INGREDIENT:**

Didecyl dimethyl ammonium chloride .....50.0%

**INERT INGREDIENTS:** .....50.0%**TOTAL:** .....100.0%**KEEP OUT OF REACH OF CHILDREN****DANGER**

See left panel for additional precautionary statements

**ALBEMARLE CORPORATION**

451 Florida St.

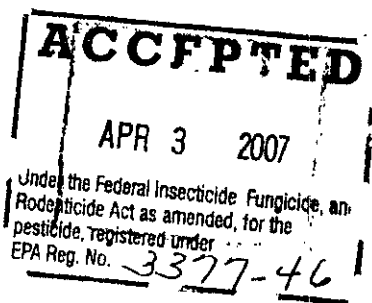
Baton Rouge, LA 70801

In case of emergency endangering life or property involving this product, call collect (225) 344-7147

EPA Reg. No. 3377-46

EPA Est. \_\_\_\_\_

Net Contents: \_\_\_\_\_



**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**DANGER**  
**CORROSIVE**

Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**FIRST AID**

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

**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 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 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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 OR CHEMICAL HAZARDS**

Do not mix with soap or anionic materials. Do not use near heat or open flame.

**DIRECTIONS FOR USE**

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

Do not use water containing residues from use of this product to irrigate crops used for food or feed.

To control algae and bacterial slimes use DAQ1010-5-W as directed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of DAQ1010-5-W, follow this procedure.

### **INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER TOWERS**

1. Initially use 6 fluid ounces per 1,000 gallons of water to be treated (20 ppm active Quaternary).  
Should the above dosage not give satisfactory results, use 9 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.
2. The above treatment level is successful use 2 to 3 fluid ounces per 1,000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage.  
Cooling towers that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages; slug feed every seven days. Dilute appropriate of DAQ1010-5-W in 1 or 2 gallons of water, and then add to the tower. Note, this product weighs 7.73 lbs per gallons (at 20° C).  
Should tower be heavily fouled, a pre-cleaning is required.

### **OIL FIELD WATER FLOOD OR SALT WATER DISPOSAL SYSTEMS AND FRACTURING FLUIDS**

(Do not apply in Marine or Estuarine Oil Fields)

1. For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5-10 ppm (active) DAQ1010-5-W (1 ½ - 3 gallons per 3,000 barrels of water) continuously. Levels for effective control will vary depending upon conditions at the site.
2. For intermittent use, dose at rate of 5-20 ppm (active) DAQ1010-5-W (1 ½ - 6 gallons per 3,000 barrels of water) for 4-8 hours per day, one to four times a week as needed to maintain control.

### **ONCE TROUGH FRESH WATER COOLING SYSTEM**

1. Wear safety glasses, rubber gloves and impervious apron.
2. Add product directly from drum or add the product at a point where it will be mix uniformly.
3. To reduce foaming, mix 2 parts of water to 1 part of product.
4. 0.15 to 1.5 fluid ounces (1-10 ppm on an active quaternary basis) per thousand gallons.
5. Do not discharge without performing proper deactivation. To perform deactivation use Bentonite Clay. The minimum ratio to be used is 5 ppm of clay to 1 ppm of product.
6. Do not use product more than 4 times per year.
7. Treatment time cannot exceed 120 hour/application.
8. Avoid oxidizers and reducing agents.
9. Product is cationic and should not be mixed with soap or anionic surfactants.

## STORAGE AND DISPOSAL

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

STORAGE: Store in original container. Keep from freezing.

### 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 instruction, contact your State Pesticide or Environmental Control agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer recycling or reconditioning, or puncture and dispose of in sanitary landfill, or by other procedures approved by state and local authorities.