

**T** ARCO 8905 will control algae and bacterial films found in recirculating cooling tower waters and oil field water floods. ARCO 8905 helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

ARCO 8905 is economical to use because it is concentrated. It should be handled with care.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

**DANGER**

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**Statement of Practical Treatment**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency.

**STORAGE AND DISPOSAL**

**1. PROHIBITIONS**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.

**2. PESTICIDE DISPOSAL**

PESTICIDE, SPRAY MIXTURE, OR RINSATE THAT CANNOT BE USED OR CHEMICALLY PROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

**3. CONTAINER DISPOSAL**

(a) RESEAL CONTAINER AND OFFER FOR RECONDITIONING, OR  
(b) TRIPLE RINGE (OR EQUIVALENT) AND:  
OFFER FOR RECYCLING, RECONDITIONING, OR DISPOSAL IN APPROVED LANDFILL, OR BURY IN A SAFE PLACE.

**4. GENERAL**

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

**ARCO Performance Chemicals Com**  
Subsidiary of Atlantic Richfield

**ARCO**

Twin-Chain Quaternary Ammonium  
Water Treatment Microbiocide for Building  
and Oil Field Water Flood or Salt W

Active Ingredient

Didecyl dimethyl ammonium

Inert Ingredients

EPA ESTABLISHMENT NO:

EPA REGISTRATION NO:

**KEEP OUT OF REACH OF  
DANGER**

"See left panel for additional precau

Manufactured by

**ARCO Performance Chemicals**

Subsidiary of Atlantic Richfield

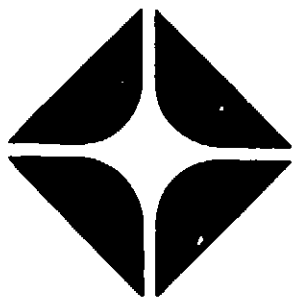
1500 Market Street P.O. Box 7258

Philadelphia, Pennsylvania 19101

Business Telephone: 215-557-2203

Emergency Telephone (24 hours): 215-557-2203

Chemicals Company, Inc.  
Subsidiary of Atlantic Richfield Company



# ARCO 8905

Quaternary Ammonium Compound Concentrate  
Microbiocide for Building and Industrial Cooling Towers  
Water Flood or Salt Water Disposal Systems

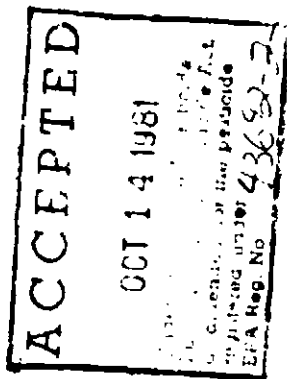
Ingredient  
Dimethyl ammonium chloride 50%  
Inhibitors 50%  
Water 100%  
ESTABLISHMENT NO: 6836-1 L-1  
REGISTRATION NO: 43692-2

KEEP OUT OF REACH OF CHILDREN.  
**DANGER**

See label for additional precautionary statements.

Manufactured For  
**ARCO Chemicals Company, Inc.**

A Subsidiary of Atlantic Richfield Company  
P.O. Box 7258  
Pittsburgh, Pennsylvania 15101  
Telephone: 215-557-2203  
24-hour telephone: 215-353-8300



## Directions for use GENERAL CLASSIFICATION

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

To control algae and bacterial slimes, use ARCO 8905 as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of ARCO 8905 follow this procedure.

### Recirculating Cooling Towers

1. Initially use 6 fluid ounces per 1000 gallons of water to be treated (20 ppm active quaternary).

Should the above dosage not give satisfactory results, use 9 fluid ounces per 1000 gallons of water.

Repeat the initial dose every seven days or increase the frequency if needed.

2. When the above treatment level is successful, use 2 to 3 fluid ounces per 1000 gallons of water to maximize efficiency. Repeat weekly as needed.

Should slime develop again, go back to initial dosage.

Cooling tower waters that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages; slug fed every seven days.

Dilute the appropriate amount of ARCO 8905 in 1 or 2 gallons of water, then add to the tower. Note, this product weighs 7.49 lbs. per gallon (at 20 degrees C).

Should tower be heavily fouled, a precleaning is required.

Oil Field Water Flood or Salt Water Disposal Systems: *(Do not apply in Marine and Estuarine Oil Fields)*

1. For the control of slime forming and sulfate reducing bacteria in oilfield water flood or salt water disposal systems, add 5-10 ppm (active) ARCO 8905 (1½-3 gallons per 3000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.
2. For intermittent use, dose at a rate of 5-20 ppm (active) ARCO 8905 (1½-6 gallons per 3000 barrels of water) for 4-8 hours per day, one to four times a week as needed to maintain control.

Add ARCO 8905 directly from the drum with the proper type of metering equipment.

This product weighs 7.73 lbs./gallon (at 20 degrees C).

### NET CONTENTS

NET WEIGHT:	425
NET VOLUME:	55 gals.

080881