

ACCEPTED  
with COMMENTS  
by EPA Letter Dated:

NOV 16 1982

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
7323-1



# Amoco Wellaid 847 MICROBIOCIDES

## Active Ingredient

1-Hydroxyethyl-1-benzyl-2-alkyl\*  
Imidazolium chloride 50%

## Inert Ingredients

50%

100%

\*Alkyl as in fatty acids of coconut oil

KEEP OUT OF REACH OF CHILDREN

## DANGER

### Statement of Practical Treatment

In case of contact, immediately flush eyes or skin  
with plenty of water for at least 15 minutes.

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.

See Side Panel for  
Additional Precautionary Statements

SOLD BY  
AMOCO CHEMICALS CORPORATION  
CHICAGO, ILLINOIS USA 60601  
PHONE 312-856-5371

EPA Establishment No.  
EPA Registration No.

Net Volume 55 gals. (208.2 liter)

BEST DOCUMENT AVAILABLE

W 847 will control algae and bacterial slimes found in  
recirculating cooling tower waters, oilfield water flood and  
crude oil pipelines and storage facilities.

W 847 helps clean and loosen slime debris from cooling  
and flooding system surfaces. When used in slug doses, no  
other microbiocide is required.

W 847 is economical to use because it is concentrated. It  
should be handled with care.

## Precautionary Statements

### Hazards to Humans and domestic animals

#### DANGER

Flammable. Corrosive. Causes severe  
eye and skin damage. Do not get in  
eyes, on skin, or on clothing. Wear  
goggles or face shield, impervious  
clothing and rubber gloves when han-  
dling. Wash thoroughly after handling.  
Harmful or fatal if swallowed. Do not  
contaminate food. Use with adequate  
ventilation. Keep container closed.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine  
and/or estuarine oil fields. Do not discharge treated ef-  
fluent 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.

### PHYSICAL HAZARDS

SPARKS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR  
OPEN FLAME.

### STORAGE AND DISPOSAL

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

### PESTICIDE DISPOSAL

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

### CONTAINER DISPOSAL

DISPOSE OF IN AN INCINERATOR OR LANDFILL  
APPROVED FOR PESTICIDE CONTAINERS. BURY IN A  
SAFE PLACE OR RETURN TO DRUM RECONDITIONER.

### GENERAL

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

NOTE: On the final label  
Amoco Wellaid 847 will appear  
wherever W847 appears on this  
draft.

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

For controlling algae, fungi, and a broad spectrum of bacteria and bacterial slime forming organisms that cause inefficient operation of cooling and industrial recirculating cooling towers, of field water flood and crude oil pipeline and storage facilities use **W-47** as directed. For best results, slug feed. The frequency of addition of microbicides depends on many factors. To optimize your use of **W-47** follow this procedure:

### Recirculating Cooling Towers

1. Initially use 7 fluid ounces per 1000 gallons of water to be treated (75 ppm active ingredient).  
Should the above dosage not give satisfactory results use 13 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 3 to 4 fluid ounces per 1000 gallons of water to maximize efficiency.  
Repeat weekly as needed.  
Should slimes develop again, go back to initial dosage.

Recirculating 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 feed every seven days.

Slugs the appropriate amount of **W-47**, 1 or 2 gallons of water, into the supply of the tower. Note: the product weighs 7.78 lbs per gallon (at 20°C).

Should tower be heavily fouled, a pre-cleaning is required.

### Oil Field Water Flooding and Water Disposal Systems (Do not apply in Marine and Estuarine Oil Fields)

1. For the control of sulfate forming and sulfate reducing bacteria in oil field water floods or salt water disposal systems, add 35-60 ppm (active) **W-47** (18 lbs - 13 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 35-70 ppm (active) **W-47** (18 lbs - 13 gallons per 3000 barrels of water) for 4-8 hours per day, one to four times a week as needed to maintain control.

### Crude Oil Pipeline and Storage Facilities

1. For the control of sulfate reducing bacteria, mesophilic bacteria and corrosion in crude oil pipelines, slug dose with 0.5-3 gallons of **W-47** per diameter inch per mile of pipeline. Apply the appropriate dosage in slug form in front of the pipeline pig as required by the system.
2. For continuous pipeline feed applications, add 9.5-13 gallons of **W-47** per 3000 barrels of crude oil **W-47** is added to the pipeline directly behind the pig.
3. For the treatment of crude oil storage facilities, add **W-47** at the rate of 9.5-13 gallons per 3000 barrels of crude oil. Add **W-47** directly from the drum with the proper type of metering equipment. The product weighs 7.78 lbs per gallon (at 20°C). Crude oil pipelines and storage facilities that are heavily fouled and non-flow, the recommended dosage may require adjustment based on practical experience.

## WARRANTY:

1. The seller guarantees and warrants (a) that the active ingredient content and the claim weight of this label microbicide brand and (b) that the directions, warnings and other statements on this label are based upon the best available scientific information and reasonable technical effectiveness and of efficacy is favorable.
2. The seller further warrants that the material herein is reasonably fit for use under normal conditions of application. The seller DOES NOT MAKE AND DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES OR REPRESENTATIONS OR WARRANTIES OF MERCHANTABILITY OR REPRESENTATION EXPRESS OR IMPLIED CONCERNING THIS MATERIAL. This product is sold "as is" and the buyer assumes all risks of use, handling, or storage which result in loss or damage and which are beyond seller's control. No claim of any kind and whether or not based on negligence, shall be proper, if a claim is made for no event shall seller be liable for special, indirect, or consequential damages resulting from the use, handling or storage of this material.
3. No modification of the warranty and conditions is authorized except by specific reference thereto in writing by an authorized employee of the seller.

1982

AMOCO, AMOCO Tech & Deal Divs., and AMOCO  
WELLS are trademarks of Amoco Oil Company.

01492-

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (WH-567)</b> <small>WASHINGTON, D.C. 20460</small>	EPA REGISTRATION NO. 7343-1	DATE OF ISSUANCE <b>16 NOV 1982</b>
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> RENEWAL <i>(Under the Federal Insecticide, Fungicide,  and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (include ZIP code)		
Arco Chemical Corporation 200 East Randolph Drive Chicago, IL 60601		
<b>NOTE:</b> Changes in labeling formula 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 U.S. 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.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an endorsement or approval of this product by this 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)(A), provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling changes listed below before you release the product for distribution:		
a. Add the phrase "EPA Registration No. 7343-1."		
b. The product name as declared on your application form "Arco <sup>(R)</sup> molluscicide, Bithionol" must be consistently declared throughout the label text and the front panel of the label. Approved variations are not acceptable.		
c. Revise the ENVIRONMENTAL HAZARD statement to read:		
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 discharge contact your Regional Office of the Environmental Protection Agency.		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

d. You are reminded that the EPA Establishment Number must appear in a suitable location on the label or on the immediate container. We recommend that you verify your EPA Establishment No. with your Regional EPA office located in Chicago, Illinois, for the appropriate EPA Establishment No. An application form is enclosed for your convenience.

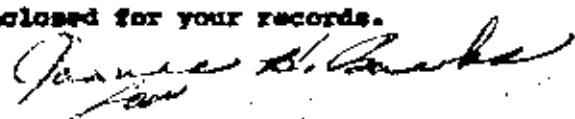
e. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.

f. Future revisions may be required, based on interpretations of warranty/disclaimer statements as declared on your label by our General Counsel for Program Support, Office of General Counsel. In lieu of future revisions, we prefer you delete the warranty/disclaimer statements from your label (left panel).

g. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed 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.

  
John M. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (78-767)

Enclosure