

Amoco® Wellaid 848 MICROBIOCIDES will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood Amoco® Wellaid 848 MICROBIOCIDES helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

Amoco® Wellaid 848 MICROBIOCIDES is economical to use because it is concentrated. It should be handled with care.

Precautionary Statements

Hazards to Humans and domestic animals

DANGER

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

ENVIRONMENTAL HAZARDS

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

PHYSICAL HAZARDS

DO NOT USE 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. BUY IN A SAFE PLACE OR RETURN TO DRUM RECONDITIONER

GENERAL

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 16 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7333-2



Amoco Wellaid 848 MICROBIOCIDES

Active Ingredients:

Alkyl (C ₁₂ , 50%; C ₁₄ , 40%; C ₁₆ , 10%)	
dimethyl benzyl ammonium chloride	20.0%
Octyl decyl dimethyl ammonium chloride	15.0%
Dioctyl dimethyl ammonium chloride	7.5%
Didecyl dimethyl ammonium chloride	7.5%

Inert Ingredients	50.0%
	100.0%

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 liters)

BEST DOCUMENT AVAILABLE

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 **Amoco® Wellaid 848 MICROBICIDE** as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use of **Amoco® Wellaid 848 MICROBICIDE**, follow this procedure:

Recirculating Cooling Towers

1. Initially use 8 fluid ounces per 1000 gallons of water to be treated (20 ppm active quaternary).
Should the above dosage not give satisfactory results, use 8 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 maintain efficiency. Repeat weekly as needed.
Should slimes 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.

Obtain the appropriate amount of **Amoco® Wellaid 848 MICROBICIDE** in 1 or 2 gallons of water, then add to the tower. Note: this product weighs 7.88 lbs per gallon (at 20°C).

Should tower be heavily fouled, a pre-cleaning 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) **Amoco® Wellaid 848 MICROBICIDE** (1% = 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) **Amoco® Wellaid 848 MICROBICIDE** (1% = 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 **Amoco® Wellaid 848 MICROBICIDE** directly from the drum with the proper type of metering equipment. The product weighs 7.88 lbs/gallon (at 20°C).

WARRANTY:

1. The seller guarantees and warrants that the active ingredient content and the label net weight are as stated within legal limits and that the directions, warnings, and other statements on this label are based upon reasonable expert evaluation of available facts, data, documents and of other relevant information.
2. Does not further warrant that the product herein is reasonably fit for use under normal conditions of intended use. The seller DOES NOT MAKE AND DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES OF FITNESS OR MERCHANTABILITY, GUARANTEE OR REPRESENTATION EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. This product is sold only on the basis that buyer assumes all risks of loss, handling or storage which result in loss or damage to the material. Buyer controls the time of use and whether or not based on strength or shall be greater in amount than the purchase price of the material in respect of which such claim is made. Buyer must take action to protect special interest or preserve material from damage by handling or storage of this material.
3. No claim under the warranty and no action or suit shall be brought or maintained in any court of law or equity by an actioning party of the seller.

AMOCO, AMOCO Trade & Dress Goods, and AMOCO WELLAID are trademarks of Amoco Oil Company.

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (NH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 72-13-2	DATE OF ISSUANCE 18 NOV 1982
NOTICE OF PESTICIDE: ☐ REGISTRATION ☐ RENEWAL (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	TERM OF ISSUANCE NAME OF PESTICIDE PRODUCT (Handwritten: 2,4-D)	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) Branch Chemicals Corporation 200 East Randolph Drive Chicago, IL 60601		
NOTE: 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 shipment:		
a. Add the phrase "EPA Registration No. 72-13-2." b. Revise the ENVIRONMENTAL HAZARD statement to read: This pesticide is toxic to fish. Do not apply in marine and/or freshwater off 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.		
c. You are reminded that the EPA Establishment Number must appear in a suitable location on the label of the final container. We recommend that you verify your EPA Establishment No. with your Regional EPA Office located in Chicago, Illinois.		
☐ ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

- d. 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.
 - e. 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).
3. 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.

James H. Lee
for

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767)

Enclosure