
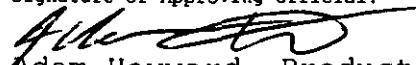


1

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number:  59106-2	Date of Issuance:  FEB - 2 1999
		Term of Issuance: Conditional Registration	
		Name of Pesticide Product:  BioClear 750	
(under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code):  Clearwater, Inc. 5605 Grand Avenue Pittsburgh, PA 15225			
<b>Note:</b> Changes in labeling 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 EPA registration number.			
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistration under the Federal Insecticide, Fungicide and Rodenticide Act.  Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 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:			
Signature of Approving Official:  Adam Heyward, Product Manager (34) Regulatory Management Branch II Antimicrobials Division (7510W)		Date:  FEB - 2 1999	

page 2 of 3  
EPA Reg. No. 59106-2

- a. Add the phrase, "EPA Registration No. 59106-2".
- b. The signal word is "Danger"
- c. Revise the precautionary statement to read:

**DANGER:** Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Harmful if adsorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### **STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention. If symptoms persist.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

#### **NOTE TO PHYSICIAN:**

The proposed label must contain a Note to Physicians. Some suggested types of information include the following:

- technical information on symptomatology;
- use of supportive treatments to maintain life function;
- medicine that will counteract the specific physiological effects of pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

Probable mucosal damage may contraindicate the use of gastric lavage.

page 3 of 3  
EPA Reg. No. 59106-2

d. Revise the ingredient statement to read:

**INGREDIENT STATEMENT**

Active Ingredients

2,2-Dibromo-3-Nitrolopropionamide.....19.6%

1-Bromo-1-(bromomethyl)-1,  
3-propanedicarbonitrile.....78.4%

Inert Ingredients.....02.0%

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.

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510W)

Enclosure

4 7 8

Center Panel

BIO•CLEAR 750

A MICROBIAL BACTERICIDE, FUNGICIDE, ALGAECIDE AND SLIMICIDE IN  
TREATING NON-MARINE, OIL FIELD DRILLING AND RECOVERY APPLICATIONS

ACTIVE INGREDIENT: 2,2-Dibromo-3-Nitrilopropionamide .....	20%
1-Bromo-1-(Bromomethyl)-1,3-Propanedicarbonitrile .....	80%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

- If in eyes: Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention at once.
- If on skin: Wash with soap and plenty of water. Wash contaminated clothing before reuse.
- If inhaled: Remove person to fresh air immediately. Get him quiet and warm; apply artificial respiration if necessary. Get medical attention at once.
- If swallowed: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

WASH THOROUGHLY AFTER HANDLING

See side panels for additional precautionary statement.

EPA Reg. No. \_\_\_\_\_

EPA Est. No. 59106-PA-1

CLEARWATER, INC.  
5605 Grand Ave.  
Pittsburgh, PA 15225

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
FEB - 2 1979

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
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registered under EPA Reg. No. 59106-2

Left Panel

PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE

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Causes irreversible eye damage. May be fatal if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before use.

ENVIRONMENTAL HAZARD

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.

CHEMICAL AND PHYSICAL HAZARDS

Reaction with strong reducing agents may be explosive. Avoid comminution and dust.

DIRECTIONS FOR USE

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

BioClear 750 is packaged in 1 pound water soluble bags, which are enclosed in outer protective mylar bags. For application of product simply open the mylar bag, remove the inner package, and apply the product in accordance with the prescribed dose rates. Ensure the use of proper personal protective equipment prior to handling this product.

STORAGE AND DISPOSAL

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

STORAGE: Store in dark, cool, dry, well-ventilated area, not above 40°C, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, and moisture. When handling, or dealing with spills, use impact-resistant goggles with side-shields, or face shield; wear body-covering clothes, including impervious rubber gloves and boots; use a dust respirator.

Right Panel

## NON-MARINE, ENHANCED OIL RECOVERY SYSTEMS

For controlling slime-forming bacteria, sulfide-producing bacteria, yeast, and fungi in oil field water, polymer of micellar floods, water-disposal systems or other oil field water systems, add 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water) depending on the severity of contamination.

### Continuous Feed Method

When the system is noticeably fouled, add 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water) continuously until the desired degree of control is achieved. Subsequently, treat with 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water) continuously or as needed to maintain control.

### Intermittent of Slug Method

When the system is noticeably fouled, or to maintain control of the system, add 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water) intermittently for 4-8 hours per day, and from 1-4 times per week, or as needed depending on the severity of contamination.

Addition of Bio•Clear 750 may be made at the free water knockouts, before or after the injection pumps and injection well headers.

NOTE: For control of bacteria, yeast, and fungi in aqueous solutions of biopolymer used in flooding operations, add 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water).

## COMPLETION AND WORKOVER FLUIDS

Bio•Clear 750 antimicrobial should be added to a completion and workover fluid at a point of uniform mixing such as a circulating tank. Add antimicrobial 18-162 ppm (3-27 pounds per 476 barrels or 20,000 gallons of water) to freshly prepared fluid depending on the severity of contamination. Circulate the workover fluid system until the fluid returns clear, shut the system down and idle for several hours. Remove the workover fluid. The well should be ready for productive use.

## DRILLING MUDS

Bio•Clear 750 antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

INITIAL TREATMENT: Add 18-162 ppm (3-27 pounds per 476 barrels or 20,000 gallons of water) to a freshly prepared drilling fluid depending on the severity of contamination.

MAINTENANCE DOSAGE: As the total volume of the system increases due to increased well depths, maintain 18-162 ppm level by adding 3-27 pounds per 476 barrels or 20,000 gallons of additional fluid, or as needed, depending on the severity of contamination.

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## PACKER FLUIDS

Bio•Clear 750 antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 18-162 ppm antimicrobial (3-27 pounds per 476 barrels or 20,000 gallons of water) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

## WATER FLOODS

Bio•Clear 750 should be added to a flood water system at a point of uniform mixing such as the area of addition to make up water to the holding tank.

INITIAL TREATMENT: When the system is noticeably contaminated, add 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 18-162 ppm Bio•Clear 750 (3-27 pounds per 476 barrels or 20,000 gallons of water) weekly, or as needed to maintain control.

DO NOT SHIP WITH FOOD, FEEDS, DRUGS OR CLOTHING

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

TO MAINTAIN PRODUCT QUALITY, STORE IN THE DARK AT TEMPERATURES BELOW 40°C.

Net contents: \_\_\_\_\_ LBS./ \_\_\_\_\_ KG.

### WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

IN CASE OF EMERGENCY CONTACT:

CLEARWATER, INC.  
5605 Grand Ave.  
Pittsburgh, PA 15225

CHEMTREC (800) 424-9300

Call Collect: (412) 264-1100

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**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**SPILLS:** Cover wet spills with 10% sodium bicarbonate solution, water and then add an inert absorbent before sweeping up and disposing as described for pesticide disposal. If drum contents are contaminated or decomposing, isolate unsealed drum in the open or in a well ventilated area; flood with 10% sodium bicarbonate solution and large volumes of water if necessary.

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