

PM 32 59106-1

10/8

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.)</i>	EPA REGISTRATION NO. 59106-1	DATE OF ISSUANCE 01 MAR 1993
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Bio·Clear 1000	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Clearwater, Inc.
 5605 Grand Avenue
 Pittsburgh, PA 15225

NOTE: Changes in labeling formula different 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 indorsement 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/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Add the phrase, "EPA Registration No. 59106-1" to your label before you release the product for shipment.
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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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A stamped copy of the label is enclosed for your records.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H-7504C)

Enclosures

Left Panel

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

DANGER

**CORROSIVE
CAUSES SEVERE BURNS OF EYES,
EYE CONTACT MAY CAUSE LOSS OF VISION
IRRITATING TO NOSE AND THROAT
MAY BURN THE SKIN * MAY BE FATAL IF SWALLOWED**

ACCEPTED
with COMMENTS
in EPA Letter Dated:
01 MAR 1993
Under the Federal Insecticide,
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Do Not Breathe Dust. Do Not Get in Eyes, on Skin, or on Clothing. Impact-resistant Goggles with Side-shields, or Face Shield, and Rubber Gloves Must be Worn when Handling. Use with Adequate Ventilation.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment, or disposal of wastes.

NOTE: 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 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.

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.

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.

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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.

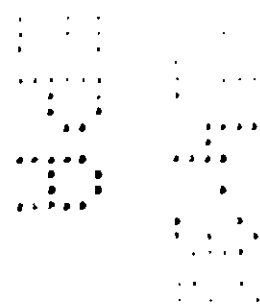
SPILLS: Cover wet spills with 10% sodium bicarbonate solution, water and then add an inert absorbent before sweeping up and disposing as described for pesticide disposal. If drum contents are contaminated or decomposing, isolate unsealed drum in the open or in a well-ventilated area; flood with 10% sodium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

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Center Panel

**BIO-CLEAR 1000
DBNPA**

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

ACTIVE INGREDIENT: 2,2-Dibromo-3-Nitrilopropionamide.....	98%
INERT INGREDIENTS.....	2%
	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. _____

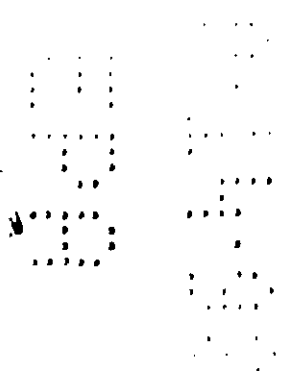
**CLEARWATER, INC.
5605 Grand Ave.
Pittsburgh, PA 15225
412-264-1100**

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

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**Under the Federal Insecticide,
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Right Panel

NON-MARINE, ENHANCED OIL RECOVERY SYSTEMS

For controlling slime-forming bacteria, sulfide-producing bacteria, yeasts, and fungi in oil field water, polymer of micellar floods, water-disposal systems or other oil field water systems, add 1-16 ppm BIO-CLEAR 1000 (.1-.6 pound Bio-Clear 1000 per 100 barrels of water) depending on the severity of contamination.

Continuous Feed Method

When the system is noticeably fouled, add 2-16 ppm Bio-Clear 1000 (.1-.6 pound Bio-Clear 1000 per 100 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 1-16 ppm Bio-Clear 1000 (0.1-.6 pound Bio-Clear 1000 per 100 barrels 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 2-16 ppm Bio-Clear 1000 (.1-.6 pound Bio-Clear 1000 per 100 barrels 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 1000 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 3-16 ppm Bio-Clear 1000 (.1-.6 lb. Bio-Clear 1000 per 100 barrels of water).

COMPLETION AND WORKOVER FLUIDS

BIO-CLEAR 1000 antimicrobial should be added to a completion and workover fluid at a point of uniform mixing such as a circulating tank. Add antimicrobial (.1-.6 pound per 100 barrels of fluid) 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 1000 antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

INITIAL TREATMENT: Add (.1-.6 pound antimicrobial per 100 barrels of fluid) 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 10-16 ppm level by adding .1-.6 pounds per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

BIO-CLEAR 1000 antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 16 ppm antimicrobial (.1-.6 pounds per

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100 barrels of fluid) 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 1000 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 10-16 ppm BIO-CLEAR 1000 (.1-.6 pound BIO-CLEAR 1000 per 100 barrels of water). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 16 ppm BIO-CLEAR 1000 (.1-.6 pounds per 100 barrels flood water) weekly, or as needed to maintain control.

Poisonous Solid, N.O.S.
UN 2811

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 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

or

Call Collect: (412) 264-1100

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Proper Shipping Name:
POISONOUS SOLID, N.O.S.
 (2-2-Dibromo-3-Nitrilopropionamide)
UN 2811

In Event of Emergency, Call TOLL FREE:
 800-424-9300 (Chemtrec)

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 59106-1

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