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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

July 7, 2008

Ana Rodriguez-Koster
Lewis & Harrison Consultants for
Clearwater International, LLC
122 C Street, N.W., Suite 740
Washington, D.C. 20001

Subject: Product Name: BIO-CLEAR® 1000
 EPA Reg. Number: 59106-1
 Application Date: 06-Nov-2007
 EPA Receipt Date: 07-Nov-2007

Dear Mrs. Rodriguez-Koster:

The following amendments, submitted in connection with registration under section 3(c) (7) (A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

Proposed amendments:

- New source for active ingredient. See basic confidential statement of formula dated 11/06/2007.
- Revised labeling

General comments:

A stamped copy of the revised labeling is enclosed for your records.

The basic CSF dated November 6, 2007 supersedes all previously accepted ones. A copy of the revised basic CSF has been inserted in your file for future reference.

If you have further questions concerning this letter, please contact me by telephone at (703) 308-6422 or by e-mail at heyward.adam@epa.gov or Stacey Grigsby by telephone at (703) 305-6440 or by email at grigsby.stacey@epa.gov during the hours of 8:00 am to 4:00 pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Heyward".

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

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
DANGER. Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Causes skin irritation. Harmful if absorbed through skin. Do Not Breath Dust. Do not get in eyes, on skin, or on clothing. Chemical worker's goggles must be worn when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid breathing dust. Use with adequate ventilation.

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 of Regional Office of the EPA.

STORAGE AND DISPOSAL
 Do not contaminate water, food or feed by storage or disposal
STORAGE: Store in a 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 rinse 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.

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? 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 not reasonable foreseeable to seller, and buyer assumes the risk of any such use.



CLEARWATER™
Engineered Chemistry®

BIO-CLEAR® 1000

A MICROBIAL BACTERICIDE, FUNGICIDE, ALGAEICIDE AND SLIMICIDE IN TREATING NON-MARINE, OILFIELD DRILLING AND RECOVERY APPLICATIONS

ACTIVE INGREDIENT:
 2, 2-Dibromo-3-Nitropropionamide.....99.4%
 Inert Ingredients.....0.6%
TOTAL: 100.0%

Keep Out of Reach of Children
DANGER

First Aid	
If in eyes	<ul style="list-style-type: none"> ● Hold eye open and rinse slowly and gently with water for 15-20 minutes. ● Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. ● Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> ● Take off contaminated clothing. ● Rinse skin immediately with plenty of water for 15-20 minutes. ● Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> ● Call a poison control center or doctor immediately for treatment advice ● Have person sip a glass of water if able to swallow. ● Do not induce vomiting unless told to do so by the poison control center or doctor. ● Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> ● Move person to fresh air. ● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. ● Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

EPA Reg. No. 59106-1 EPA Est. No. 59106-PA-1
 Net contents: _____ LBS./ _____ KG.

Manufactured [by] [for]:
CLEARWATER INTERNATIONAL, LLC
 515 Post Oak Boulevard, Suite 200
 Houston, TX 77027

DIRECTION FOR USE

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

BIO-CLEAR® 1000 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 rate. Ensure the use of proper personal protective equipment prior to handling this product:

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 6-54 ppm **BIO-CLEAR® 1000** (1-9 pounds per 476 barrels or 20,000 gallons of water) depending on the severity of contamination.

CONTINUOUS FEED METHOD: When system is noticeably fouled, add 6-54ppm **BIO-CLEAR® 1000** (1-9 pounds per 476 barrels or 20,000 gallons of water) continuously until the desired degree of control is achieved. Subsequently, treat with 6-54ppm **BIO-CLEAR® 1000** (1-9 pounds per 476 barrels or 20,000 gallons of water) continuously or as needed to maintain control.

INTERMITTENT OR SLUG METHOD: When system is noticeably fouled, or to maintain control of the system, add 6-54ppm **BIO-CLEAR® 1000** (1-9 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® 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 6-54ppm **BIO-CLEAR® 1000** (1-9 pounds per 476 barrels or 20,000 gallons 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 6-54ppm (1-9 pounds per 476 barrels or 20,000 gallons of water) to freshly prepared fluid depending on the severity of the 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 6-54ppm (1-9 pounds per 476 barrels or 20,000 gallons of water) to freshly prepared drilling fluid depending on the severity of contamination.

MAINTAIN DOSAGE: As the total volume of the system increases due to increased well depths, maintain 6-54ppm level by adding 1-9 pounds per 476 barrels or 20,000 gallons of fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

BIO-CLEAR® 1000 antimicrobial should be added to a packer fluid at point of uniform mixing such as a circulating holding tank. Add 6-54ppm antimicrobial (1-9 pounds per 476 barrels or 20,000 gallons of water) to freshly prepared drilling 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 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 6-54ppm **BIO-CLEAR® 1000** (1-9 pounds per 476 barrels or 20,000 gallons of water). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 6-54ppm **BIO-CLEAR® 1000** (1-9 pounds per 476 barrels or 20,000 gallons of flood water) weekly, or as needed to maintain control.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Add **BIO-CLEAR® 1000** to the basin (or at any other point of uniform mixing). Addition should be made with a metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the retention time in the system. Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, the blowdown should be discontinued for 24-48 hours.

FOR CONTROL OF BACTERIA

Add sufficient **BIO-CLEAR® 1000** to reach a concentration in the system of 0.2-2.3 ppm active ingredient, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD: Initial dose: When the system is noticeably fouled, add sufficient **BIO-CLEAR® 1000** to reach a concentration in the system of 1.2-2.3 ppm active ingredient. Repeat until control is achieved. Subsequent dose: When microbial control is evident, add 0.6-2.3 ppm **BIO-CLEAR® 1000** to the system every 4 days, or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial dose: When the system is noticeably fouled, add sufficient **BIO-CLEAR® 1000** to achieve a concentration in the system of 1.2-2.3 ppm.

Subsequent dose: Maintain a concentration of 0.2-1.2 ppm **BIO-CLEAR® 1000** in the system.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add sufficient **BIO-CLEAR® 1000** to achieve a concentration in the system of 7.0-23.0 ppm active ingredient, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD: Initial dose: When the system is noticeably fouled, add sufficient **BIO-CLEAR® 1000** to achieve a concentration in the system of 11.6-23.0 ppm active ingredient. Maintain until control is achieved.

Subsequent dose: When microbial control is evident, add sufficient **BIO-CLEAR® 1000** daily to maintain a concentration in the system of 7.0-23.0 ppm active ingredient, or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial dose: When the system is noticeably fouled, add sufficient **BIO-CLEAR® 1000** to reach a concentration in the system of 11.6-23.0 ppm active ingredient.

Subsequent dose: Maintain a continuous feed of 7.0-23.0 ppm **BIO-CLEAR® 1000** in the system.

Badly fouled systems must be cleaned before treatment is begun.

METALWORKING FLUIDS CONTAINING WATER

This product is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100-1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeast that may deteriorate metalworking fluids containing water, add **BIO-CLEAR® 1000** to the fluid in the collection tank. Additions should be made with a metering pump.

INITIAL OR SLUG DOSE: When the system is just noticeably fouled, add 60.6 ppm **BIO-CLEAR® 1000** to the metalworking fluids. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, maintain a concentration of 24.2-48.4 ppm **BIO-CLEAR® 1000** in the system, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

EXPIRES
 JUL - 7 2008
 Under the Federal Insecticide, Fungicide, and Rodenticide, Act as amended, for the pesticide, registered under EPA Reg. No. 59106-1

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AIR WASHER SYSTEMS

Add sufficient **BIO-CLEAR® 1000** to reach a concentration in the system of 0.35-22.1 ppm active ingredient, depending upon the severity of contamination to control slime-forming bacteria and fungi in industrial air-washing systems.

INTERMITTENT OR SLUG METHOD: Initial Dose: When the system is noticeably fouled, add sufficient **BIO-CLEAR® 1000** to reach a concentration in the system of 0.7-22.1 ppm active ingredient. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add sufficient **BIO-CLEAR® 1000** every two days to reach a concentration in the system of 0.35-10.8 ppm active ingredient, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial Dose: When the system is noticeably fouled, add sufficient **BIO-CLEAR® 1000** to achieve a concentration in the system of 0.7-22.1 ppm active ingredient. Subsequent Dose: Maintain this level by pumping a continuous feed of 0.35-10.9 ppm active ingredient in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

NOTE: For use only in industrial air-washer systems that maintain effective mist eliminating components.

DOT / TDG / IMDG

**Proper Shipping name:
Toxic Solid, Organic, N.O.S.,
(2, 2-Dibromo-3-Nitropropionamide),
Class 6.1, UN2811, PG III**

**For Emergency Information:
Call TOLL FREE:
1-800-424-9300 (CHEMTREC)**

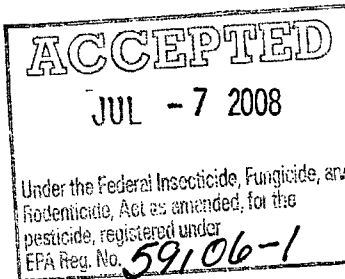
**KEEP CONTAINER TIGHTLY CLOSED
WHEN IN USE**

DO NOT SHIP WITH FOOD, FEEDS, DRUGS

**KEEP CONTAINER TIGHTLY CLOSED WHEN
NOT IN USE**

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

For Questions, please contact:
CLEARWATER INTERNATIONAL, LLC
(724) 318-1050



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