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**EPA**

United States  
**Environmental Protection Agency**  
 Washington DC 20460

☐ **Registration**  
☐ **Amendment**  
☒ **Other Notification**

OPP Identifier Number

**Application for Pesticide - Section I**

1 Company/Product Number <b>59106 7</b>	2 EPA Product Manager <b>Jacqueline Campbell McFarlane</b>	3 Proposed Classification  <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) <b>BIO CLEAR 5000</b>	PM# <b>Team 34</b>	
5 Name and Address of Applicant (Include ZIP Code) <b>Clearwater International, LLC</b> <b>D/B/A Weatherford Engineered Chemistry</b> <b>515 Post Oak Blvd</b> <b>Houston, TX 77027</b> <b><u>PLEASE SEND ALL CORRESPONDENCE TO</u></b> <b><u>"CONTACT POINT" LISTED BELOW</u></b> <input type="checkbox"/> Check if this is a new address		6 <b>Expedited Review</b> In accordance with FIFRA Section 3(c)(3) (b)(I) my product is similar or identical in composition and labeling to EPA Reg No <u>464 426</u> & <u>464 628</u>  Product Name <u>Antimicrobial 7287</u> & <u>Dowicil QK 20 Antimicrobial</u>

**Section - II**

☐ Amendment – Explain below ☐ Final printed labels in response to Agency letter dated \_\_\_\_\_  
☐ Resubmission in response to Agency letter dated \_\_\_\_\_ ☐ Me Too Application  
☒ Notification Explain below ☐ Other Explain below

**Explanation** Use additional page(s) if necessary (For Section I and Section II)**NOTIFICATION OF LABEL CHANGES PER PR NOTICE 2007-4**

This notification is consistent with the guidance in PR Notice 2007 4 and the requirements of EPA's regulations at 40 CFR §§ 156 10 156 140 156 144 156 146 and 156 156 No other changes have been made to the labeling or the Confidential Statement of Formula for this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156 10 156 140 156 144 156 146 and 156 156 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Signature Ana Rodriguez KosterDate 4/6/12**THIS SUBMISSION IS NOT SUBJECT TO PRIA FEES****Section - III****1 Material This Product Will Be Packaged In**

Child Resistant Packaging

☐ Yes  
☒ No

Unit Packaging

☐ Yes  
☒ No

Water Soluble Packaging

☐ Yes  
☒ No

**2 Type of Container**

☐ Metal  
☒ Plastic  
☐ Glass  
☐ Paper  
☐ Other (Specify)

**\*Certification must be submitted**

If Yes No per  
 Unit Packaging wgt container

If Yes No per  
 Package wgt container

**3 Location of Net Contents Information**

☒ Label ☐ Container

**4 Size(s) Retail Container**  
9 – 505 lbs Bulk**5 Location of Label Directions**

☒ On Label  
☐ On labeling accompanying product

**6 Manner in Which Label is Affixed to Product**

☐ Lithograph ☐ Other \_\_\_\_\_  
☒ Paper glued  
☐ Stenciled

**Section - IV****1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)**

Name **Ana Rodriguez Koster Lewis & Harrison, LLC**  
**122 C Street NW Ste 740 Washington DC 20001**

Title

Agent

Telephone No (Include Area Code) \_\_\_\_\_  
**202 393 3903 x 17**

**Certification**

I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law

**2 Signature****3 Title**

Agent

**4 Typed Name**

Ana Rodriguez Koster

**5 Date**

4/6/2012

**6 Date Application Received (Stamped)**

### Consultants in Government Affairs

April 6 2012

Document Processing Desk [NOTIF]  
Office of Pesticide Programs (7504P)  
U S Environmental Protection Agency  
Room S 4900 One Potomac Yard  
2777 South Crystal Drive  
Arlington VA 22202 4501

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Reduces microbial contamination in process water raw materials and formulated industrial products Reduces microbial contamination in process water raw materials and formulated consumer and institutional products that will not come in direct or indirect contact with food Reduces microbial contamination in wastewater recycled process water recycled products recycled wastewater and equipment cleaning operations

Active Ingredients	
2-2 Dibromo 3-nitrilopropionamide	5%
Other Ingredients	<u>95%</u>
Total	100%

# DANGER

EPA Reg No 59106-7  
EPA Est No  
NET WEIGHT \_\_\_\_\_ POUND (S)

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER** Corrosive Causes irreversible eye damage Causes skin burns Harmful if swallowed or absorbed through skin Harmful if inhaled Avoid breathing vapor or spray mist Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals Wear goggles face shield or safety glasses Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

### FIRST AID

#### IF IN EYES

- Hold eye open and rinse slowly and gently with water for 30 minutes
- Remove contact lenses if present after the first 5 minutes then continue rinsing eye
- Call a poison control center or doctor for treatment advice

#### IF ON SKIN OR CLOTHING

- 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

- 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

- Move person to fresh air
- If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to-mouth if possible
- Call a poison control center or doctor for further treatment advice

Have the product container or label with you when calling a poison control center or doctor or going for treatment For emergency information, call the **National Pesticides Information Center** at 1 800 858-7378 6 30 AM to 4 30 PM Pacific time (PT), seven days a week During other times call the poison control center 1-800 222 1222

**NOTE TO PHYSICIAN** Probable mucosal damage may contraindicate the use of gastric lavage

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms Apply this product only as specified on this label Do not contaminate water by cleaning of equipment, or disposal of wastes Do not discharge effluent containing this product into lakes streams ponds estuaries oceans or other water 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

### PHYSICAL AND CHEMICAL HAZARDS

Incompatible with potassium permanganate and powdered iron

## PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear  
coveralls over long-sleeved shirt and long pants

-socks and chemical resistant footwear

-goggles or face shields

-chemical resistant gloves (such as barrier laminate butyl rubber nitrile rubber Neoprene rubber polyvinyl chloride or Viton)

For mixing/loading wear a chemical resistant apron

Follow manufacturers instructions for cleaning and maintaining PPE If no such instructions exist for washables use detergent and hot water Keep and wash PPE separately from other laundry

## INSTRUCTIONS

Users must wash hands before eating drinking chewing gum or using the toilet Users must remove clothing immediately if pesticide gets inside Then wash thoroughly and put on clean clothing Users must remove PPE immediately after handling this product Wash the outside of the gloves before removing As soon as possible wash thoroughly

## PRECAUTIONS AND RESTRICTIONS

Do not apply this product directly in a way that will contact workers or other persons

## DIRECTIONS FOR USE

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

NOTE Add **BIO-CLEAR 5000** separately to the system Do not mix it with other additives in order to avoid decomposition of **BIO-CLEAR 5000** due to the high pH of many additive formulations

## METALWORKING FLUIDS CONTAINING WATER

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

For controlling (or inhibiting) the growth of bacteria fungi and yeasts that may deteriorate metalworking fluids containing water add **BIO CLEAR 5000** 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 1 1 gal of **BIO CLEAR 5000** per 1 000 gal of metalworking fluid to the system Repeat until control is achieved

SUBSEQUENT DOSE When microbial control is evident add 0 44 0 88 gal of **BIO CLEAR 5000** per 1 000 gal of metal working fluid per day, or as needed to maintain control Additions can be made continuously or intermittently Slug the system as required

## ENHANCED OIL RECOVERY SYSTEM

For controlling slime forming bacteria sulfide-producing bacteria yeasts and fungi in oil field water polymer or micellar floods water-disposal systems, or other oil field water systems add 4 320 ppm **BIO CLEAR 5000** (0 4-28 6 gal of **BIO-CLEAR 5000** per 2400 barrels of water) depending on the severity of contamination Additions should be made with a metering pump either continuously or intermittently

## CONTINUOUS FEED METHOD

When the system is noticeably fouled add 40 320 ppm **BIO-CLEAR 5000** (3 6 28 6 gal of **BIO CLEAR 5000** per 2400 barrels of water) continuously until the desired degree of control is achieved Subsequently treat with 4

60 ppm **BIO CLEAR 5000** (0 4 5 4 gal of **BIO-CLEAR 5000** per 2400 barrels of water) continuously or as needed to maintain control

#### INTERMITTENT OR SLUG METHOD

When the system is noticeably fouled or to maintain control of the system add 40-320 ppm **BIO-CLEAR 5000** (3 6-28 6 gal of **BIO CLEAR 5000** per 2400 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 5000** 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 60 320 ppm **BIO-CLEAR 5000** (5 4 28 6 gal of **BIO-CLEAR 5000** per 2400 barrels of water) Additions of **BIO CLEAR 5000** should be made with a metering pump immediately after preparation of the aqueous biopolymer solution to prevent loss of viscosity

### INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Add **BIO CLEAR 5000** to the basin (or any other point of uniform mixing) Additions should be made with a metering pump it may be continuous or intermittent depending on the severity of the contamination when the treatment has begun and the retention time of 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

Badly fouled systems must be cleaned before treatment has begun

#### FOR CONTROL OF BACTERIA

Add 0 0038-0 038 gal of **BIO CLEAR 5000** per 1 000 gal of water in the system depending on the severity of contamination

#### INTERMITTENT OR SLUG METHOD

**INITIAL DOSE** When the system is noticeably fouled add 0 019-0 038 gal of **BIO CLEAR 5000** per 1 000 gal of water in the system Repeat until control is achieved

**SUBSEQUENT DOSE** When microbial control is evident add 0 0095 0 038 gal of **BIO-CLEAR 5000** per 1,000 gal of water in the system every 4 days, or as needed to maintain control

#### CONTINUOUS FEED METHOD

**INITIAL DOSE** When the system is noticeably fouled add 0 019 0 038 gal of **BIO CLEAR 5000** per 1 000 gal of water to the system

**SUBSEQUENT DOSE** Maintain this level by pumping a continuous feed of 0 0038 0 019 gal of **BIO-CLEAR 5000** per 1,000 gal of water in the system per day

#### FOR CONTROL OF FUNGI AND ALGAE

Add 0 116 0 360 gal of **BIO-CLEAR 5000** per 1 000 gal of water in the system depending on the severity of contamination

#### INTERMITTENT OF SLUG METHOD

**INITIAL DOSE** When the system is noticeably fouled add 0 192-0 380 gal of **BIO-CLEAR 5000** per 1,000 gal of water in the system Repeat until control is achieved

**SUBSEQUENT DOSE** When microbial control is evident add 0 116-0 380 gal of **BIO-CLEAR 5000** per 1 000 gal of water in the system or as needed to maintain control

### CONTINUOUS FEED METHOD

**INITIAL DOSE** When the system is noticeably fouled add 0 192 0 380 gal of **BIO CLEAR 5000** per 1,000 gal of water to the system

**SUBSEQUENT DOSE** Maintain this level by pumping a continuous feed of 0 116 0 380 gal of **BIO-CLEAR 5000** per 1 000 gal of water in the system per day

### AIR-WASHING SYSTEMS

Add 0 0078-0 250 gal of **BIO CLEAR 5000** per 1,000 gal of water in the system depending upon the severity of contamination to control slime-forming bacteria and fungi in industrial air washer systems

Badly fouled systems must be cleaned before treatment has begun

### INTERMITTENT OR SLUG METHOD

**INITIAL DOSE** When the system is noticeably fouled add 0 156 0 250 gal of **BIO CLEAR 5000** per 1 000 gal of water in the system Repeat until control is achieved

**SUBSEQUENT DOSE** When microbial control is evident add 0 00785-0 125 gal of **BIO-CLEAR 5000** per 1 000 gal of water in the system every 2 days or as needed to maintain control

### CONTINUOUS FEED METHOD

**INITIAL DOSE** When the system is noticeably fouled add 0 156-0 250 gal of **BIO CLEAR 5000** per 1 000 gal of water to the system

**SUBSEQUENT DOSE** Maintain this level by pumping a continuous feed of 0 0078-0 125 gal of **BIO CLEAR 5000** per 1 000 gal of water in the system per day

Note For use only in industrial air-washer systems that maintain effective mist eliminating components

### REVERSE OSMOSIS SYSTEMS

**BIO CLEAR 5000** is used to control bacteria and reduce biofouling in industrial membrane systems (reverse osmosis, ultrafiltration microfiltration) Acceptable applications include reverse osmosis for the production of boiler makeup water rinsing of electric components and industrial wastewater treatment

**BIO CLEAR 5000** may be fed continuously to the membrane system feed water at a rate of 10 100 ppm **BIO-CLEAR 5000** (5 2-52 0 fl oz /1 000 gallons or 1 6 to 16 ml/min per 10 gpm of feed water) For off line system disinfection add 50-170 ppm **BIO-CLEAR 5000** (26-88 0 fl oz/ 1 000 gallons) to the off-line cleaning feed tank and re-circulate for 30 minutes to 3 hours Frequency of addition should be every 5 days or as needed

Note For industrial systems in which **BIO-CLEAR 5000** residuals cannot be tolerated **BIO CLEAR 5000** must be slug fed During and for 30 minutes to 1 hour following chemical addition permeate and concentrate streams must be diverted to waste

### HYDROTESTING

#### FOR CONTROL OF BACTERIA

Water used to hydrotest pipelines or vessels should contain 100 to 1 000 ppm of **BIO-CLEAR 5000** per 1 000 gallons of water (0 4 to 4 gallon of **BIO CLEAR 5000** per 1000 gallons of water) depending on water quality and length of time the equipment will remain idle

### PUBLICLY-OWNED TREATMENT WORKS

#### TO CONTROL COLIFORM AND BACTERIA

Add **BIO CLEAR 5000** at a concentration of 1 0 to 10 0 ppm by weight of water being treated depending on the severity and contamination in the system



Addition should be continuous and made with a metering pump at a point in the system where mixing will be rapid and thorough. Add **BIO CLEAR 5000** to the system in a location where contact time will be 30 minutes or greater before reaching the outfall.

#### TO USE AS A CO-TREATMENT WITH CHLORINE

Add 0.4-1.5 ppm **BIO-CLEAR 5000** by weight of water treated.

Chlorination should result in a minimum detectable residual (i.e., greater than zero but less than the NPDES permit level). Addition should be continuous and made at a point just after initial chlorine mixing. Rapid mixing is necessary for maximum effectiveness. **BIO CLEAR 5000** should be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outfall.

### PROCESS, PRODUCT, WASTEWATER & RECYCLE CLEAN UP

**BIO CLEAR 5000** is used to reduce microbial contamination in process water and raw materials during the formulating phase or it can be added directly to the final formulation product to reduce microbial contamination prior to packaging. **BIO-CLEAR 5000** may also be used for treatment of wastewater. The required concentration will depend upon the material being treated and the contamination load. Organic load, pH, exposure to load, and time are matrix effects that impact efficacy of the biocide. You will need to determine the optimum level to use for your system or product within the guidelines given below. Do not use at greater than recommended levels. Must mix thoroughly.

### CONSUMER, HOUSEHOLD & INSTITUTIONAL PROCESSES & PRODUCTS

**BIO-CLEAR 5000** is not intended for use in personal care products or products that will come in direct or indirect contact with food.

#### Process Water & Raw Material Clean Up

To reduce microbial contamination in process water or raw materials used to make consumer, household, or institutional products, add **BIO-CLEAR 5000** directly to the water or raw material at a concentration of 125-1,000 ppm by weight.

#### Direct Product Addition

To reduce microbial contamination in formulated products such as hard surface cleaners, laundry detergent, fabric softeners, and other hard surface cleansers, laundry detergent, fabric softeners, and other water-based formulations, add 125-250 ppm by weight **BIO CLEAR 5000** directly to the product prior to packaging. Thorough mixing is recommended.

### CONSUMER, HOUSEHOLD & INSTITUTIONAL RECYCLE WATER, RECYCLE PRODUCT CLEANUP & RECYCLE WASTEWATER

**BIO CLEAR 5000** is not intended for use in products that will come in direct or indirect contact with food.

**BIO CLEAR 5000** may be added to recycle process water, a recycle product stream, or added to a recycle waste water stream to reduce microbial contamination. Add at a convenient point of uniform mixing. This can be either continuous feed directly into a transfer line or slug fed to the storage container for either wash water or product. Add 125 to 1,000 ppm by weight. This concentration is equivalent to 152 to 1,212 ml (5.12 to 40.8 fluid oz) **BIO CLEAR 5000** per 100 gallons to be treated.

## INDUSTRIAL PROCESSES & PRODUCTS

### Process Water & Raw Material Clean Up

To reduce microbial contamination in process water or raw material used to make industrial products add **BIO CLEAR 5000** directly to the process water or raw material at a concentration of 125-2000 ppm by weight. This includes raw materials and/or products such as aqueous paints and coatings, polymers, slurries, adhesives, latex and resin emulsions and surfactant.

### Direct Product Addition

To clean up microbial contamination in a final formulated industrial product add 125-500 ppm by weight **BIO CLEAR 5000** directly to the product prior to packaging.

## INDUSTRIAL RECYCLE WATER, RECYCLE PRODUCT CLEAN UP & RECYCLE WASTEWATER

**BIO CLEAR 5000** may be added to recycle process water, a recycle product stream or added to a recycle wastewater stream to reduce microbial contamination. Add at a convenient point of uniform mixing. This can be either continuous feed directly into a transfer line or slug fed to the storage container for either wash water or product. Add 125 to 2000 ppm by weight. This concentration is equivalent to 152 to 2424 ml (5 to 81.6 fluid oz) **BIO CLEAR 5000** per 100 gallons to be treated.

## INDUSTRIAL WASTEWATER SYSTEMS

### WASTEWATER SYSTEMS, WASTEWATER SLUDGE AND WASTEWATER HOLDING TANKS

**BIO CLEAR 5000** may be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 125-2,000 ppm by weight. This concentration is equivalent to 1512-24216 milliliters **BIO CLEAR 5000** (51.2-818.8 fl oz) per 1000 gallons of water.

### TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS

**BIO CLEAR 5000** may be added as a tankside additive in recirculating electrodeposition systems and associated rinse systems to control microbial contamination. **BIO CLEAR 5000** should be added into the recirculating rinse system at a point to insure uniform mixing. Add 125 to 2000 ppm by weight. This concentration is equivalent to 1512-24216 milliliters of **BIO CLEAR 5000** (51.2-818.8 fl oz) per 1000 gallons of water.

## EQUIPMENT CLEANING

**BIO CLEAR 5000** can be used to kill microorganisms present in solution or growing on the surfaces of process equipment. For standard cleaning of equipment add 50 to 250 ppm by weight of **BIO CLEAR 5000** in an aqueous solution to process piping or equipment. Heavily fouled solutions or equipment must be treated with up to 2000 ppm of **BIO CLEAR 5000** after treating process equipment with **BIO CLEAR 5000**, allow the **BIO CLEAR 5000** solution to be in contact with surfaces for up to four hours.

If bleach is being used for cleaning purposes at 50 to 250 available chlorine, **BIO-CLEAR 5000** can be used as part of a dual treatment program at 50 to 100 ppm by weight in combination with sodium hypochlorite. Treat process equipment with chlorine first. Follow the treatment with **BIO CLEAR 5000**. Do not combine concentrated sodium hypochlorite solution with **BIO CLEAR 5000**.

## PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

**Pesticide Storage** To maintain product quality store at temperatures below 60°C Keep container tightly closed when not in use

**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 Handling

*[Note to Reviewer Bioclear 5000 is a ready-to-use product and not a dilutable product Therefore, residue removal instructions are not applicable ]*

Nonrefillable container Do not reuse or refill this container Triple rinse (or equivalent) promptly after emptying Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

**Spills** When handling or dealing with spills, wear protective clothing as indicated in the Personal Protective Equipment section Cover wet spills with 10% sodium bicarbonate solution, water and then 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 volume of water if necessary

[Batch Code]