



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 27, 2017

Glen P. Nilsen  
Senior Regulatory Specialist II, Biocides  
Ecolab Energy  
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11177 S. Stadium Drive  
Sugarland, TX 77478

**Subject:** Notification per PRN 98-10 – Updating Company Address and Adding Patent Link  
Product Name: BIOC16944A  
EPA Registration Number: 90924-2  
Application Date: February 27, 2017  
Decision Number: 527131

Dear Mr. Nilsen:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Terria Northern at 703-347-0265 or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "J. Hebert", written over a horizontal line.

for

John Hebert, Chief  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

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

**DANGER: CORROSIVE:** Causes irreversible eye damage. Do not get in eyes or on clothing. Wear appropriate protective eyewear such as 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. Avoid contact with skin or clothing. Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is very toxic to aquatic organisms. 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

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**PESTICIDE STORAGE:** Product should be kept cool and in a vented container to avoid any explosion hazard.  
**NEVER RETURN PRODUCT TO THE ORIGINAL CONTAINER AFTER IT HAS BEEN REMOVED.** Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, douse container with cool water and dilute with large volumes of water.  
**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: Non-refillable container.** Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by local authorities.  
**Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Cleaning of the container before final disposal is the responsibility of the person disposing of the the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.  
**RESIDUE REMOVAL INSTRUCTIONS:** For containers greater than 5 gallons. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times.

# UN2924

**FLAMMABLE LIQUID, CORROSIVE, N.O.S., (Isopropanol, Quaternary ammonium compound), 3 (8), II, RQ (Xylene), MP (Quaternary ammonium compound)**

# BIOC16944A

**ACTIVE INGREDIENT:**  
Tetrakis(hydroxymethyl) phosphonium sulfate ..... 7.5%  
**OTHER INGREDIENTS:**..... 92.5%  
**TOTAL:**..... 100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER

### FIRST AID

**IF IN EYES:** 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 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 for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**IF INHALED:** Move the 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

**FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-424-9300**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**This product may be patented: [www.ecolab.com/patents](http://www.ecolab.com/patents)**

**NALCO Champion** **NALCO Champion**  
An Ecolab Company **11177 S. Stadium Drive**  
**Sugar Land, TX 77478**

**EPA Reg. No.: 90924-2**  
**EPA Est. No.: 68708-TX-1; 68708-LA-1; 8133-CO-001; 8133-CO-002**

Container Size: 200gal 500gal  
Container weight: 1528lbs 3810lbs

## DIRECTIONS FOR USE

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

**For antimicrobial use with aqueous treatment fluids in oil field and petrochemical operations, oilfield water flood or salt water disposal systems, drilling muds, packer fluids, and completion and workover fluids**

### OIL FIELD AND PETROCHEMICAL OPERATIONS

BIOC16944A is effective in controlling slime forming, sulfate reducing prokaryotes, general aerobic prokaryotes, including microorganisms that contribute to biofilm formation in oil field recovery, processing and distribution applications and supporting systems, such as injection water, water holding tanks, disposal well water, recirculating water handling systems, and pipelines. BIOC16944A has been shown to dissolve iron sulfide and sequester iron when used under these conditions, leading to improved filter life and well injectivity, and reduction of hydrocarbon sheen. BIOC16944A controls biofilm deposits on pumps, pipework, heat exchangers, and filters associated with oilfield systems. It also controls biofilm downhole in formations.

### OIL FIELD WATER FLOOD OR SALT WATER DISPOSAL SYSTEMS

For the control of slime forming and sulfate reducing bacteria in oil field water fluid or salt water disposal systems, BIOC16944A must be added at a point of uniform mixing. Initial Treatment: When system is noticeably contaminated, add 50 to 2000 ppm BIOC16994A to the system. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, and 25 to 1000 ppm BIOC16994A to the system weekly, or as needed to maintain control.

### DRILLING MUDS, PACKER FLUIDS, COMPLETION AND WORKOVER FLUIDS

BIOC16944A must be added to the fluid system at a point of uniform mixing such as the circulating mud tank or circulating holding tank. Initial Treatment: Add 50 to 2000 ppm BIOC16994A to a freshly prepared fluid depending on the severity of contamination. Maintenance Dosage: Maintain a concentration of 25 to 1000 ppm BIOC16994A

### PIPELINE PIGGING AND SCRAPING OPERATION

Add BIOC16944A to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient BIOC16944A should be added to produce a concentration of 50 – 2000 ppm through the entire internal surface of the pipeline.

### OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

BIOC16944A should be added at a point in the pipeline where uniform mixing will occur. The application should be conducted to ensure maximum distribution of BIOC16944A through the entire internal surface of the pipeline

**Slug Dosing:** Follow instructions for water flood treatment.  
**Continuous Dosing:** BIOC16944A can be dosed continuously at a level of 25 - 1000 ppm.

Net Contents: As indicated on the label or elsewhere on container

## NOTIFICATION

90924-2

March, 2017

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/27/2017