



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 29, 2017

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

Subject: Notification per PRN 98-10 – Updating Company Address and Adding Patent Link
Product Name: Bactron K-139
EPA Registration Number: 90924-9
Application Date: February 27, 2017
Decision Number: 527138

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.

Sincerely,

A handwritten signature in black ink, appearing to read "John 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. Cause irreversible eye damage. Harmful if swallowed inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin, Avoid breathing vapor. 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 restroom. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

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.

STORAGE AND HANDLING

BACTRON K-139 solutions are incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel or reinforced epoxy-plastic equipment. To avoid freezing, locate the storage tank inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures must be avoided. For short, storage times (up to about 1 month), temperature of up to 100°F can be tolerated, but the preferred maximum storage temperature is about 80°F. A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON® is suitable for gaskets and packing.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of a spill, flood the area with large quantities of water.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the 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 and forth, 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.
CONTAINER HANDLING: 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 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.

DIRECTIONS FOR USE

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

WATER FLOODS, ENHANCED OIL RECOVERY (EOR) FLUIDS

BACTRON K-139 can be used to control slime and corrosion causing bacteria in waters used for secondary oil and gas recovery and reduces bacterial contamination and degradation of EOR polymers and gels. If the system is heavily fouled, slug treat at the higher rate to remove biofilm. BACTRON K-139 must be added at a point of uniform mixing. **Initial Treatment:** When system is noticeably contaminated, add 200 to 10000 ppm BACTRON K-139 to the system (0.2 to 10.0 gallons per 1000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, and 20 to 10,000 ppm BACTRON K-139 (0.02 to 10.0 gallons per 1000 gallons flood water) to the system weekly, or as needed to maintain control.

UN3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES), 9, III, MP

BACTRON K-139

A MICROBIOCIDIC FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA AND SLIME-FORMING BACTERIA IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL FIELD WATER SYSTEMS, GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE FIELDS AND EQUIPMENT; SUCH AS, STEAM-INJECTION WATER HOLDING TANKS, FLOOD WATER, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, FUEL STORAGE TANKS AND RELATED REFINERY AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS.

ACTIVE INGREDIENT:

Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆) dimethyl benzyl ammonium chloride.....10%
 Glutaraldehyde.....5%
OTHER INGREDIENTS:.....85%
TOTAL:.....100%

**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 eye. • 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 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:	<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 mouth-to-mouth, if possible. • Call a poison control center for further 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.
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



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

EPA Registration Number: 90924-9
 EPA Establishment Number (s): 8133-TX-001; 8133-TX-002; 1706-PA-1; 8133-OH-1; 68708-OH-1; 8133-WV-1; 8133-PA-1; 68708-LA-1

Container Size:	5gal	55gal	265gal	275gal	330gal	5000gal
Container weight:	42lbs	460lbs	2218lbs	2302lbs	2762lbs	41850lbs

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

DIRECTIONS FOR USE – continued

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, BACTRON K-139 must be added at a point of uniform mixing. **Initial Treatment:** When system is noticeably contaminated, add 200 to 10,000 ppm BACTRON K-139 to the system (0.2 to 10.0 gallons per 1000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, and 20 to 10,000 ppm BACTRON K-139 (0.02 to 10.0 gallons per 1000 gallons flood water) to the system weekly, or as needed to maintain control.

DRILLING MUDS, PACKER FLUIDS, COMPLETION AND WORKOVER FLUIDS

BACTRON K-139 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 100 to 2000 ppm BACTRON K-139 0.4 to 8.0 gallons per 100 barrels fluid) to a freshly prepared fluid depending on the severity of contamination. **Maintenance Dosage:** Maintain a concentration of 100 to 2000 ppm BACTRON K-139 by adding 0.4 to 8.0 gallons per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

FRACTURING FLUIDS

BACTRON K-139 reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. BACTRON K-139 must be added to the water storage tanks before gelling and circulated to ensure mixing. BACTRON K-139 can be added at the well head for "on-the-fly" fracturing jobs. **Frequency and Dose:** BACTRON K-139 must be added at a rate of 100 to 10,000 ppm BACTRON K-139 (0.1 to 10.0 gallons per 1000 gallons), depending on water quality. Retreat after 48 hours if the frac job is delayed

GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS AND PIPELINE PIGGING AND SCRAPING OPERATIONS

BACTRON K-139 must be added to a gas production or transmission pipeline via direct injection. The application must be conducted to ensure maximum distribution of the BACTRON K-139 through the entire internal surface of the pipeline. Add BACTRON K-139 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 BACTRON K-139 must be added to produce a concentration of 200 to 10,000 ppm BACTRON K-139 per 100 gallons water, depending on the length of the pipeline and the severity of biofouling.

GAS STORAGE WELLS AND SYSTEMS

Individual injection wells must be treated with a sufficient amount of BACTRON K-139 to produce a concentration of 100 to 10,000 ppm of BACTRON K-139 when diluted by the water present in the formation. Injection must take place before gas is injected. Injections must be repeated yearly, or as needed to maintain control.

HYDROTESTING

Water used to hydrotest pipelines or vessels must contain 200-10,000 ppm BACTRON K-139 (0.2 to 10.0 gallons per 1000 gallons water), depending on water quality and length of time the equipment will remain idle.

COOLING TOWERS, WASHERS, AND RECIRCULATING COOLING WATER SYSTEMS

BACTRON K-139 must be added to a water treatment system at a point of uniform mixing such as the basin area. Addition may be intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with BACTRON K-139. Under these conditions, blow down must be discontinued for up to 24 hours.

Intermittent (Slug Dose) Method

Initial Dose: When the system is noticeably fouled, add 4.0 to 8.0 fluid ounces of BACTRON K-139 per 100 gallons of water to the system. Repeat until control is obtained. **Subsequent Dose:** When microbial control is evident, add 2.0 to 4.0 fluid ounces of BACTRON K-139 per 100 gallons of water to the system weekly, 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 4.0 to 8.0 fluid ounces of BACTRON K-139 per 100 gallons of water to the system. Repeat until control is obtained. **Subsequent Dose:** When microbial control is evident, add 2.0 to 4.0 fluid ounces of BACTRON K-139 per 100 gallons of water to the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

HEAT TRANSFER SYSTEMS (Evaporative Condensers, Hydrostatic Sterilizers and Retorts, Brewery and Pasteurizers, and Warmers)

BACTRON K-139 must be used at the same application rates, and in the same manner as described above. It must be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

Note: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk and/or handling of this material, when such use and/or handling is contrary to label directions.

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

March, 2017

90924-9

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:

03/29/2017