



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 28, 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: GKN-O  
EPA Registration Number: 90924-7  
Application Date: February 27, 2017  
Decision Number: 527135

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

### DANGER

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### Keep Out of Reach of Children

**Corrosive.** Causes severe eye and skin damage. May cause skin sensitization. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, protective clothing and rubber gloves. Avoid breathing vapors. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

##### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or any other waters, unless in accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product into sewer systems without previously notifying local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

##### STORAGE AND HANDLING

GKN-O solutions are corrosive to 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 should be avoided. For short storage times (up to about 1 month), temperatures 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. Asbestos is suitable for gaskets and packing.

##### PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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 your 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. 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 the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

# UN 3265

**CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (Glutaraldehyde, Quaternary ammonium compounds), 8, III, MP**

## GKN-O

WATER TREATMENT MICROBIOCIDE FOR BUILDING AND INDUSTRIAL COOLING TOWERS, AND OIL FIELD WATER FLOODS OR SALT WATER DISPOSAL SYSTEMS.

##### Active Ingredients:

Glutaraldehyde .....	25.75%
Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>18</sub> , 5% C <sub>12</sub> ) dimethyl benzyl ammonium chloride .....	6.25%
Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chloride .....	6.25%
Other Ingredients: .....	61.75%
TOTAL: .....	100.00%

### KEEP OUT OF REACH OF CHILDREN

### DANGER

### FIRST AID

**IF IN EYES:** Hold eye open. Rinse slowly 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 to 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move victim to fresh air. If 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.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

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

**NALCO Champion**

An Ecolab Company

**Nalco Champion**

**11177 S. Stadium Drive**

**Sugar Land, TX 77478**

EPA Reg.#: 90924-7

EPA Est. Number: 8133-NE-1; 8133-CO-1; 8133-CO-2 ; 8133-NM-1; 8133-TX-1, 8133-TX-4; 8133-TX-7; 8133-TX-10; 8133-OK-3; 8133-TX-12; 8133-TX-5; 90924-WY-2; 8133-PA-1

Container Size: 5 gal 55 gal 330 gal  
Net Contents: 45 lbs 500 lbs 2940 lbs

**USE AS HYDROGEN SULFIDE SCAVENGER (NON-BIOCIDAL):** This product may also be used as a hydrogen sulfide scavenger in oil field processing and refining operations. For hydrogen sulfide scavenging applications, inject GKN-O concentrate full strength to attain concentrations of up to 500 ppm of active ingredient in target areas on a continuous basis or in slug treatment.

##### DIRECTIONS FOR USE

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

##### WATER FLOODS

GKN-O should be added to a water flood system at a point of uniform mixing such as the area of addition of make-up water to the holding tank.

**Initial Treatment:** When the system is noticeably contaminated, add 100 - 200ppm GKN-O (0.09 - 0.18 gallons GKN-O per 1000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 20 - 100 ppm GKN-O (0.018 - 0.09 gallons GKN-O per 1000 gallons flood water) weekly, or as needed to maintain control.

##### DRILLING MUDS

GKN-O should be added to a drilling fluid system at a point of uniform mixing such as a circulating tank. **Initial Treatment:** Add 50 - 1000 ppm GKN-O (0.19 - 3.8 gallons GKN-O 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 50 - 1000 ppm GKN-O level by adding 0.19 to 3.8 gallons of GKN-O per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

##### COMPLETION AND WORKOVER FLUIDS

GKN-O should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 50 - 1000 ppm GKN-O (0.19 - 3.8 gallons GKN-O per 100 barrels of fluid) to freshly prepared fluid depending on the severity of contamination. Circulate the workover fluid system until the fluid returns clean, shut the system down and idle for several hours. Remove all the workover fluid. The well should be ready for productive use.

##### PACKER FLUIDS

GKN-O should be added to a packer fluid at a point of uniform mixing such as circulating holding tank. Add 50 - 600 ppm GKN-O (0.19 - 2.3 gallons GKN-O per 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.

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

BEFORE HANDLING OR USING, READ AND UNDERSTAND CURRENT MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT

### NOTIFICATION

March, 2017

90924-7

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:

03/28/2017