



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

April 9, 2020

Marne Rasinen
Principal Regulatory Specialist II
Agent for Championx, LLC
c/o Ecolab, Inc.
1 Ecolab Place
St. Paul, MN 55102

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – Acceptable
Addition of Alternate Brand Names and Container Sizes and Weights
Product Name: EXP001184
EPA Registration Number: 90924-15
Application Date: 11/26/2019
OPP Decision Number: 557782

Dear Ms. Rasinen:

The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) 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 labeling submitted with this application has been stamped “Notification” and will be placed in our records. The alternate brand name BIOC16736A has been added to the product’s records. You must submit one (1) copy of the final printed labeling with the modifications.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA 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 Assurance.

Page 2 of 2
EPA Reg. No. 90924-15
OPP Decision No. 557782

If you have any questions, please contact Anna O'Neil of my team by phone at (703) 347-8274 or via email at oneil.anna@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with a long horizontal stroke at the end.

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. May be fatal if in contact with skin. Harmful if swallowed or inhaled. Avoid contact with skin and eyes. Avoid breathing vapor. Wear safety glasses, goggles, or face shield and rubber gloves (PVC or Nitrile) when handling this product. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, estuaries, oceans, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination Systems (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 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 and disposal

PESTICIDE STORAGE: Store in a cool, dry area away from direct sunlight and heat. In case of spill, flood area with large quantities of water. Keep this product in tightly closed container when not in use.

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. Onshore and offshore disposal of this product is regulated by NPDES permits. Do not dispose effluent containing this product to a publicly operated treatment works (POTW).

CONTAINER DISPOSAL: *Non-refillable container > 5 gallons:* Do not reuse or refill this container. Offer for recycling, if available. Triple rinse empty container (or equivalent) promptly after emptying. Triple rise as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand 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 rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two or more times.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. [EXP001184] [BIOC16736A] must be used in conjunction with VX12338 or EXP001245. These products must be used only with a Nalco Champion approved, closed-loop delivery system that produces performic acid on site. The delivery system ensures the automatic production of the dilute Performic Acid solution, controls the optimization of the production process, and ensures adequate dosing into the water system requiring treatment. The design, treatment, installation, and operation of the delivery system are to be conducted only by authorized and trained personnel. Use of this product for any other purpose or contrary to the label instructions, or without the supervision of authorized trained personnel is prohibited.

UN1779 FORMIC ACID, with more than 85% acid by mass, 8, 3, II

Container Size: 55gal 265gal 275gal 330gal 5000gal
Container weight: 460lbs 2216lbs 2300lbs 2760lbs 41820lbs
Net Contents: As indicated on the label or elsewhere on container.

[EXP001184] [BIOC16736A]

For Use Only with VX12338 or EXP001245

A microbiocide for use in controlling sulfate reducing prokaryotes, biofilm, slime forming bacteria, algae, and fungi in water used for: oil well drilling, oil field fracturing fluids and gels, 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, membranes, and related refinery and oil field closed industrial recirculating water handling systems.

ACTIVE INGREDIENT:

FORMIC ACID 87.4%
OTHER INGREDIENTS 12.6%
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, and then continue rinsing the eye. •Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> •Call poison control center or doctor immediately for treatment or 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, and 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.
<p>FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE, 1-800-424-9300</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

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 90924-15
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; 68708-ND-2;
90924-OK-1; 90924-TX-1; 90924-IL-1

NOTIFICATION

90924-15

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:

04/09/2020

DIRECTIONS FOR USE – continued

PRODUCED WATER, SALT WATER DISPOSAL SYSTEMS, WATER DISPOSAL OPERATIONS, AND FLUID STORAGE

For the control of slime, biofilm, and corrosion causing bacteria in produced water, salt water disposal systems, water disposal operations, and water / fluid storage tanks, product must be added at a point of uniform mixing. **Initial Treatment:** Add (up to) 512 ounces of total product per 1000 gallons of water to achieve a performic acid concentration of (up to) 250 ppm. Repeat until control is achieved. **Maintenance Doses:** When microbial control is evident, add 4 to 164 fluid ounces of total product per 1000 gallons flood water (2 to 80 ppm performic acid) to the system weekly, or as needed to maintain control. (See dosage rates).

WATER FLOOD SYSTEMS

For the control of slime, biofilm, and corrosion causing bacteria in water flood systems, product must be added at a point of uniform mixing. **Initial Treatment:** Add (up to) 512 ounces of total product per 1000 gallons of water to achieve a performic acid concentration of (up to) 250 ppm. Repeat until control is achieved. **Maintenance Doses:** When microbial control is evident, add 4 to 164 fluid ounces of total product per 1000 gallons flood water (2 to 80 ppm performic acid) to the system weekly, or as needed to maintain control. (See dosage rates).

DRILLING MUDS, PACKER FLUIDS, COMPLETION, AND WORKOVER FLUID

For the control of slime, biofilm, and corrosion-causing bacteria in water used in drilling muds, packer fluids, completion and workover fluids. Product must be added to the fluid system at a point of uniform mixing, such as the circulating mud tank. **Initial Treatment:** Add (up to) 512 ounces of total product per 1000 gallons of water to achieve a performic acid concentration of (up to) 250 ppm. Repeat until control is achieved. **Maintenance Doses:** When microbial control is evident, add 4 to 164 fluid ounces of total product per 1000 gallons flood water (2 to 80 ppm performic acid) to the system weekly, or as needed to maintain control. (See dosage rates).

DIRECTIONS FOR USE - continued

FRACTURING FLUIDS

For the control of slime, biofilm, and corrosion-causing bacteria in water used in fracturing fluids. Product must be added to the fluid system at a point of uniform mixing. **Initial Treatment:** Add (up to) 512 ounces of total product per 1000 gallons of water to achieve a performic acid concentration of (up to) 250 ppm. Repeat until control is achieved. **Maintenance Doses:** When microbial control is evident, add 4 to 164 fluid ounces of total product per 1000 gallons flood water (2 to 80 ppm performic acid) to the system weekly, or as needed to maintain control. (See dosage rates).

PIPELINE PIGGING AND SCRAPING OPERATIONS

Add sufficient product 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) to produce a concentration of 4 to 164 fluid ounces of total product per 1000 gallons of water (2 to 80 ppm performic acid), depending on the length of pipeline and severity of biofouling. (See dosage rates).

HYDROTESTING

For water used to hydrotest pipelines or vessels, add at a rate of 4 to 164 fluid ounces of total product per 1000 gallons of water (2 to 80 ppm performic acid) depending on water quality and length of time the equipment will remain idle. (See dosage rates).

MEMBRANES

For the control of slime, biofilm, and corrosion-causing bacteria in water used on membranes. **Initial Treatment:** Add (up to) 512 ounces of total product per 1000 gallons of water to achieve a performic acid concentration of (up to) 250 ppm. Repeat until control is achieved. **Maintenance Doses:** When microbial control is evident, add 4 to 164 fluid ounces of total product per 1000 gallons flood water (2 to 80 ppm performic acid) to the system weekly, or as needed to maintain control. (See dosage rates).

Dosage Rates for Oxygen Sensitive Applications		Initial Dose: (up to) 250 ppm active Performic Acid		Maintenance Dose: 2 - 80 ppm active Performic Acid	
For Water Used In:	Active ppm	fluid ounces of total product ((EXP001184) [BIOC16736A] + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal	Active ppm	fluid ounces of total product ((EXP001184) [BIOC16736A] + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal	
Water Floods	250	512	2 - 80	4 - 164	
Produced Water, Salt Water Disposal Systems, Water Disposal Operations, Water / Fluid Storage	250	512	2 - 80	4 - 164	
Drilling Muds, Packer Fluids, Completion and Workover Fluids	250	512	2 - 80	4 - 164	
Fracturing Fluids	250	512	2 - 80	4 - 164	
Hydrotesting	250	512	2 - 80	4 - 164	
Pipeline Pigging, Scraping Operations	250	512	2 - 80	4 - 164	
Membranes	250	512	2 - 80	4 - 164	

Dosage Rates for Oxygen Insensitive Applications		Initial Dose: (up to) 250 ppm active Performic Acid		Maintenance Dose: 2 - 80 ppm active Performic Acid	
For Water Used In:	Active ppm	fluid ounces of total product ((EXP001184) [BIOC16736A] + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal	Active ppm	fluid ounces of total product ((EXP001184) [BIOC16736A] + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal	
Water Floods	250	320	2 - 80	3 - 102	
Produced Water, Salt Water Disposal Systems, Water Disposal Operations, Water / Fluid Storage	250	320	2 - 80	3 - 102	
Drilling Muds, Packer Fluids, Completion and Workover Fluids	250	320	2 - 80	3 - 102	
Fracturing Fluids	250	320	2 - 80	3 - 102	
Hydrotesting	250	320	2 - 80	3 - 102	
Pipeline Pigging, Scraping Operations	250	320	2 - 80	3 - 102	
Membranes	250	320	2 - 80	3 - 102	