



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

90924-15

Date of Issuance:

11/21/2019

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

EXP001184

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

11/21/2019

2. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 90924-15.”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

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 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.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 12/19/2018

If you have any questions, please contact Gina Burnett of my team by phone at (703) 605-0513 or via email at burnett.gina@epa.gov.

Sincerely,



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** 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

EXP001184

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>	

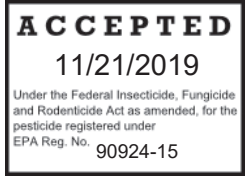
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

This product may be patented: www.ecolab.com/patents



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

EPA Registration Number 90924-xx
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



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	
	Active ppm	fluid ounces of total product (EXP001184 + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal	Active ppm	fluid ounces of total product (EXP001184 + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal
For Water Used In:				
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	
	Active ppm	fluid ounces of total product (EXP001184 + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal	Active ppm	fluid ounces of total product (EXP001184 + VX12338) / 1000 gal OR (EXP001184 + EXP001245) / 1000 gal
For Water Used In:				
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