

2020-08-20
Sub.No. 2020-3006

BIOC16734A Microbiocide SOLUTION COMMERCIAL DANGER

[SCULL WITHIN OCTAGON] [HAND WITHIN OCTAGON] POISON CORROSIVE CORROSIVE TO
EYES AND SKIN

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT: Peroxyacetic acid 15.2 % Hydrogen Peroxide 11.2 %

REGISTRATION NO.: 33140PEST CONTROL PRODUCTS ACT

NET CONTENTS: LOT NO.:

ChampionX Canada ULC
6040 46TH STREET SE
CALGARY, AB
T2C 4P9
403-234-7881

IN CASE OF EMERGENCY, PHONE CHEMTREC 1-800-463-3216 (24 HOURS)

PRECAUTIONS: DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive to eyes and skin. Causes eye and skin damage. Causes skin burns. Harmful if inhaled. Harmful or fatal if swallowed. **DO NOT** get in eyes, on skin, or on clothing. Causes irritation of the respiratory tract. **DO NOT** breathe vapour.

Ensure that acetic acid and hydrogen peroxide air concentrations in the workplace do not exceed the exposure levels established by occupational health and safety authorities in your jurisdiction (e.g. engineering controls, monitoring). If values exceed these levels, wear NIOSH approved respiratory protection.

Wear goggles and face shield, protective coveralls, boots and chemical resistant gloves while transferring/handling the product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID: If swallowed, call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. If inhaled, 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 or doctor for further advice. 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 centre or doctor for treatment advice. Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.

STORAGE: Product must be kept cool and in a vented container to avoid any explosion hazard. Do not store on wooden pallets. Keep container out of direct sunlight.

PHYSICAL AND CHEMICAL HAZARDS: Strong oxidizing agent. Corrosive. Mix only with water according to the label instructions. Never bring concentrate in contact with other organic substances.

NEVER RETURN PRODUCT TO THE ORIGINAL CONTAINER AFTER IT HAS BEEN REMOVED. Avoid all contaminants, especially dirt, caustic materials, reducing agents, and metals. Contamination and

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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.

ENVIRONMENTAL PRECAUTIONS: Toxic to aquatic organisms.

DIRECTIONS FOR USE:

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of unused, unwanted product.

NOT FOR USE IN ESTUARINE OR MARINE OIL AND GAS OPERATIONS.

The requirements of applicable laws should be determined before using the product.

For antimicrobial use with aqueous treatment fluids in oilfield and gas-field well operations such as well drilling, formation fracturing, productivity enhancement and secondary recovery. BIOC16734A can be used for control of microorganisms commonly found in oilfield systems which can lead to reservoir souring, localized corrosion of metals, biofouling, H₂S management and FeS management. This product must be introduced through a closed mixed/loading and delivery transfer system equipped with a metering device that is appropriate for its intended uses.

WATER USED IN FRAC For the control of slime and corrosion-causing bacteria in water used in frac, mix BIOC16734A with the water at a point of uniform mixing at 29.3 mL per 1000 L of water (5 ppm peroxyacetic acid by weight) to 590 mL per 1000 L of water (100 ppm peroxyacetic acid by weight) as required. Depending on the severity of the contamination, initial application may be added up to 5900 mL (5.9L) per 1000 L of water (1000 ppm peroxyacetic acid by weight).

FLOODING, INJECTION AND PRODUCED WATER For Water Flooding operations, add BIOC16734A initially at 29.3 mL per 1000 L of water (5 ppm peroxyacetic acid by weight) to 590 mL per 1000 L of water (100 ppm peroxyacetic acid by weight) and repeat until control is achieved. Subsequent treatment may be continued on a weekly basis or as required. Injection wells associated with gas storage systems may be treated up to 100 ppm (peroxyacetic acid by weight) when diluted in the formation water. Any additional

top-up water must be treated as required. For hydrostatic systems, apply 29.3 mL per 1000 L of water (5 ppm peroxyacetic acid by weight) to 590 mL per 1000 L of water (100 ppm peroxyacetic acid by weight) depending on the water quality and the duration of the shut-in. Depending on the severity of the contamination, initial application may be added up to 5900 mL (5.9L) per 1000 L of water (1000 ppm peroxyacetic acid by weight).

PIPELINE AND TANK MAINTENANCE For microbial control in water-bottoms in crude and refined hydrocarbon storage tanks, piping and transportation systems. Apply 29.3 mL of BIOC16734A per 1000 L of water (5 ppm peroxyacetic acid by weight) to 590 mL per 1000 L of water (100 ppm peroxyacetic acid by weight) in the aqueous phase, directly injected into the water-bottom, pipeline or may be added to the hydrocarbon phase. Treatment may be applied daily or monthly for both storage and transportation systems as needed. Depending on the severity of the contamination, initial application may be added up to 5900 mL (5.9L) per 1000 L of water (1000 ppm peroxyacetic acid by weight).

In all oilfield and gas-field well operation applications always prepare a new solution daily to ensure effectiveness. Do not re-use solutions. Dispose of unused solution.

DISPOSAL: For Returnable Totes: 1. Close Valve, 2. Arrange for return of totes. Do not reuse the totes for any other purpose. For Other Containers: 1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site. 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. 3. Make the empty container unsuitable for further use. 4. Dispose of the container in accordance with provincial requirements. 5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of spill, and for cleanup of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label.