

2021-5319

2021-11-01

BPC 68970

Solution

A MICROBIOCIDIC FOR USE IN CONTROLLING SLIME-FORMING BACTERIA, SULFATE-REDUCING BACTERIA, AND ALGAE IN AIR WASHERS AND IN INDUSTRIAL SCRUBBING SYSTEMS, SERVICE WATER AND AUXILIARY SYSTEMS, RECIRCULATING COOLING AND PROCESS WATER SYSTEMS INCLUDING THOSE THAT CONTAIN REVERSE OSMOSIS MEMBRANES AND WASTEWATER SYSTEMS INCLUDING WASTEWATER SLUDGE AND HOLDING TANKS.

GUARANTEE: Glutaraldehyde 45.0%

COMMERCIAL

DANGER



POISON



CORROSIVE

READ THE LABEL BEFORE USING

Distributed By:

Baker Hughes Canada Company

Gulf Canada Square 1100-401 9th Ave. SW
Calgary, Alberta T2P 3C5 CANADA

~~(403) 537-3850~~ 877-285-9910

EMERGENCY CONTACT (24 HOURS PER DAY) 800-231-3606

REGISTRATION NO. 26942

Pest Control Products Act

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PRECAUTIONS

HAZARDS TO HUMANS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. Harmful or fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin or on clothing. Do not inhale fumes or vapour. Do not swallow.

When handling the concentrate and during cleaning, maintenance and repair activities on contaminated equipment, wear goggles and face shield, chemical resistant gloves, protective clothing (i.e., long sleeve shirt, long pants and apron), and boots. Wash thoroughly with soap and water after handling. Use only in well ventilated area. Remove contaminated clothing and shoes and wash them before reuse.

Environmental Hazards

This product is toxic to aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

FIRST AID

IF SWALLOWED: Contact a poison control centre or doctor immediately for treatment advice. If the person is fully alert and cooperative, have the person rinse mouth with plenty of water. In cases of ingestion have the person drink 120-240 mL (4 to 8 ounces) of water. Do not induce vomiting. Do not attempt mouth rinse if the person has respiratory distress, altered mental status, or nausea and vomiting.

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IF IN EYES: Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses, if present, after the first 5 minutes and continue washing. Call a poison control centre or doctor immediately for treatment advice.

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 a doctor for treatment advice.

IF INHALED: 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 Centre or a 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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DISPOSAL

Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.

Follow provincial instructions for any required additional cleaning of the container prior to its disposal.

Make the empty container unusable for further use

Dispose of the container in accordance with provincial requirements.

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 a spill and for clean-up of spills.

STORAGE AND HANDLING

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BPC 68970 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. This product freezes at about -17° C. Therefore, unless the storage tank is 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 38° C can be tolerated but the preferred maximum storage temperature is about 27° C. A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

DIRECTIONS FOR USE

DO NOT open pour more than 20L of concentrate per day. Use an automatic addition system if using more than 20L of concentrate per day.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/ RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.

BPC 68970 should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with BPC 68970. Under these conditions, blowdown should be discontinued for up to 24 hours.

BPC 68970 can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where

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approved for compatibility by the membrane manufacturer) and associated distribution systems.

INTERMITTENT (SLUG DOSE) METHOD

INITIAL DOSE: When the system is noticeably fouled, apply 111 mL to 444 mL of BPC 68970 per 1000 litres of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 33 mL to 111 mL of BPC 68970 per 1000 litres of water in 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 noticeable fouled, apply 111 mL to 444 mL of BPC 68970 per 1000 litres of water in the system.

SUBSEQUENT DOSE: Maintain this treatment level by starting a continuous feed of 16 mL to 333 mL of BPC 68970 per 1000 litres of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

SERVICE WATER AND AUXILIARY SYSTEMS

BPC 68970 should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS

(Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers and Once-Through Cooling Water Systems) BPC 68970 should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as the basin area,

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sump area, or other reservoir collecting area from which the treated water will be circulated uniformly throughout the system.

INDUSTRIAL WASTEWATER SYSTEMS

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)

BPC 68970 should be added to a wastewater system or a sludge at a convenient point of uniform mixing such as the digester. Add 0.5 to 2.5 litres (500 to 2500 ppm BPC 68970) per 1000 litres of wastewater or sludge.

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. The user assumes the risk to persons or property that arises from any such use of this product.

NET CONTENTS: 229 Kg

REV 09/21