

2017-8229  
2018-03-21

# MC B-8750

## Solution

COMMERCIAL MICROBIOCIDE

A microbiocide for controlling slime-forming bacteria, sulfate-reducing bacteria, fungi, yeast and algae in oil well drilling, oil field processing applications, gas production and transmission systems.

REGISTRATION NO.: 28999

PEST CONTROL PRODUCTS ACT READ THE LABEL BEFORE USING

ACTIVE INGREDIENT: Glutaraldehyde.....50%

DANGER

POISON



CORROSIVE



NET CONTENTS:

Multi-Chem Production Chemicals  
645-7th Avenue S.W., Suite 1800, Calgary, AB, T24G8  
403-231-9300 (Non-Emergency Telephone  
Number) Emergency Contact Number (24 Hours  
per Day):  
1-866-519-4752 or 1-760-476-3962  
Global Incident Response Access Code: 334305 Contract Number: 14012

### PRECAUTIONS:

**HAZARDOUS TO HUMANS.**

**DANGER KEEP OUT OF REACH OF CHILDREN**

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

Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks, chemical-resistant footwear, and eye protection during mixing, loading, application, clean-up and repair. Wash thoroughly with soap and water after handling. Use only in well ventilated area. Remove contaminated clothing and shoes and wash them before reuse.

### FIRST AID

**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.

**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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. Take container, label or product name and **Pest Control Product** Registration Number with you when seeking medical attention.

### TOXICOLOGICAL INFORMATION

Corrosive. This product may produce a sensitization response or allergic reaction in some individuals. Treat Symptomatically.

### ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms.

### DISPOSAL

1. Triple or pressure rinse the empty container. Add the rinsings to the spray mixture in the tank.
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 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

MC B-8750 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, stainless steel or reinforced epoxy equipment. This product freezes at approximately -20°C (-4°F). 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 (1 month) temperatures up to 38°C (100°F) can be tolerated; however, the preferred maximum storage temperature is approximately 27°C (80°F). Keep away from fire and open flames. A stainless steel centrifugal pump is suggested for transfer service. To prevent contamination store this product away from food or feed.

### SPILLAGE

Absorb onto sand, earth or inert mineral. Sweep up and remove the spillage to a polythene lined container for subsequent correct disposal. Clean the area with detergent and water.

### 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.

### DIRECTIONS FOR USE

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

multi-chem®

A HALLIBURTON SERVICE

### Transport Information:

UN2922, Corrosive Liquid, Toxic, N.O.S. (Glutaraldehyde) 8 (6.1)  
II

**Not subject to PMRA**

### OIL WELL DRILLING, OIL FIELD PROCESS APPLICATIONS, GAS PRODUCTION AND TRANSMISSION SYSTEMS

#### WATER FLOODS

MC B-8750 should be added to a water flood system at a point of uniform mixing.

**Initial Treatment:** When the system is noticeably contaminated, add 100 – 5000 ppm MC B-8750 (Litres to 5 Litres of MC B-8750 per 1000 Litres flood water). Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 20 – 5000 ppm MC B-8750 (Litres to 5 Litres of MC B-8750 per 1000 Litres flood water) to the system weekly or as needed to maintain control.

#### DRILLING MUDS/DRILLING COMPLETION, WORKOVER FLUIDS

MC B-8750 should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

**Initial Treatment:** Add 50 – 1000 ppm MC B-8750 (0.8 Litres to 15.1 Litres MC B-8750 per 100 barrels of fluids) to a freshly prepared drilling fluid, depending on the severity of contamination. **Maintenance Dosage:** Maintain a concentration of 50 to 1000 ppm MC B-8750 by adding 0.8 Litres to 15.1 Litres MC B-8750 per 100 barrels of fluid, as needed, depending on the severity of contamination.

#### PACKER FLUIDS

MC B-8750 should be added to a packer fluid at a point of uniform mixing such as circulating holding tank. Add 50-600 ppm (0.8 to 9.5 litres per 100 barrels of fluid) of MC B-8750 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.

#### GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

MC B-8750 should be added to a gas production or transmission line via direct injection. The application should be conducted to ensure maximum distribution of MC B-8750 through the entire internal surface of the pipeline by adding an amount of biocide which eventually comes out the other end of the pipeline. Criteria for success of the treatment will be reduction in bacterial count and/or corrosion rates. To facilitate application it may be desirable to dilute the MC B-8750 with the appropriate solvent immediately before use. The concentration in the solvent should not fall below the 500 to 5000 ppm range. Injections to the system should be made on a weekly basis, or as needed to maintain control.

#### GAS STORAGE WELLS AND SYSTEMS

Individual injection wells should be treated with sufficient quantity of MC B-8750 to produce a concentration of 500 to 5000 ppm MC B-8750 when diluted by the water present in the formation. Injection should take place before gas is injected (during the summer). Injections should be repeated yearly, or as needed to maintain control. Individual drips should be treated with a sufficient quantity of MC B-8750 to produce a concentration of 200 to 2000 ppm MC B-8750 when diluted by the water present in the drip. Injections should be repeated yearly, or as needed to maintain control.

#### HYDROTESTING

Water used to hydro test pipelines or vessels should contain 100 to 4000 ppm (0.1 to 4 litres per 1000 litres water) of MC B-8750, depending on water quality and length of time the equipment will remain idle.

#### PIPELINE PIGGING AND SCRAPING OPERATION

Add MC B-8750 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 trailing pig). Sufficient MC B-8750 should be added to produce a concentration of 0.1 to 1.0% (0.1 to 1.0 litres MC B-8750 per 100 litres water), depending on the length of the pipeline and the severity of biofouling.