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## **AQUCAR™ 7140 LT Water Treatment Microbiocide**

**SOLUTION**

**COMMERCIAL**

**A FREEZE STABLE MICROBIOCIDE FOR USE IN CONTROLLING SLIME-FORMING BACTERIA AND SULFATE-REDUCING BACTERIA IN INDUSTRIAL APPLICATIONS**

**ACTIVE INGREDIENT:**

Glutaraldehyde ..... 14%  
n-Alkyl (C12 40%, C14 50%, C16 10%)  
Dimethyl benzyl ammonium chloride .....2.5%

**REGISTRATION NO. 33769 PEST CONTROL PRODUCTS ACT**

**READ THE LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**



**DANGER POISON**

**POTENTIAL SKIN AND RESPIRATORY TRACT SENSITIZER**

**CORROSIVE TO EYES AND SKIN**

Net contents: 3.8 Litres

LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112  
1-800-LANXESS

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## **EMERGENCY TELEPHONE NUMBERS**

### **TRANSPORTATION EMERGENCIES ONLY:**

CANUTEC (Canada): 1-613-996-6666  
CHEMTREC: 1-800-424-9300 (USA); 1-703-527-3887 (International)

### **ALL OTHER EMERGENCIES:**

LANXESS: 1-800-410-3063 (USA); 1-866-673-6350 (Canada)

## **PRECAUTIONS:**

### **KEEP OUT OF REACH OF CHILDREN.**

Corrosive to eyes and skin. Causes irreversible eye damage. Methanol may cause blindness if ingested. Harmful if inhaled. Harmful if swallowed. May be harmful if absorbed through the skin. Potential skin sensitizer. Causes asthmatic signs and symptoms in individuals with hyper-reactive airways.

Do not get in eyes, on skin, on clothing. Do not inhale fumes or vapor. Do not swallow. Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a full-face respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides 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.

## **ENVIRONMENTAL PRECAUTIONS:**

Toxic to aquatic organisms. This product 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. Only discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters if permitted by federal or provincial regulatory agencies.

## **FIRST AID:**

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with

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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:** 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.

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. This product is a potential sensitizer of the respiratory tract. Contains methanol. Avoid alcohol.

#### **STORAGE:**

To prevent contamination store this product away from food or feed.

AQUCAR 7140 LT Water Treatment Microbiocide 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.

The preferred storage temperature is about 20° C.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

#### **DISPOSAL:**

1. Triple or pressure-rinse the emptied container. Add the rinsings to the treatment site.
2. Follow provincial instruction 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.

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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.

#### **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 system if using more than 20 L of concentrate per day.

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

Only Discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other water if permitted by federal or provincial regulatory agencies.

Use in offshore oil or gas exploration or production requires user to first obtain authorization from the appropriate Offshore Petroleum Board. Discharge of effluent containing this product must be in compliance with regulatory requirements.

Product efficacy may be reduced in the presence of ammonia, secondary amines and bisulfite oxygen scavengers. This product may increase the tendency of foaming in aqueous systems and prevents the efficient separation of water/oil emulsion.

#### **Drilling Fluids**

Add 150 to 600 ppm product to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 150 to 600 ppm due to fluid reuse or turn over.

#### **Drilling Fluids – Offshore Use**

Add 150 to 600 ppm product to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 150 to 600 ppm due to fluid reuse or turn over.

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### **Completion and Workover Fluids**

Add 150 to 600 ppm product to the freshly-prepared fluid system.

### **Packer Fluids**

Add 150 to 600 ppm product to a circulating packer fluid to ensure uniform mixing. Seal the treated packer fluid in the wall between the casing and production tube.

### **Fracturing Fluids**

Add 360 to 1525 ppm product at any point in the production or application of the fracturing fluid to reduce bacterial contamination and fracturing fluid degradation.

### **Water Floods and Enhanced Oil Recovery Fluids**

Intermittent (150-3650 ppm product) or continuous (150-3650 ppm product) dosing can be applied to the fluid to achieve effective microbial control.

### **Injection Waste Fluids**

Add 150 to 3650 ppm product to the waste fluid prior to or at injection into an approved disposal well.

### **Injection Waste – Offshore Use**

Add 150 to 3650 ppm product to the waste fluid prior to or at injection into an approved disposal well.

### **Oil and Gas Water Storage and Transmission Systems**

Add 150 to 3650 ppm product to the water storage or transmission system as needed to maintain microbial control.

### **Gas Storage Wells and Systems**

Individual injection wells should be treated to produce a concentration of 150 to 3650 ppm product based on the water volume present in the system. Yearly treatments should be applied to maintain effective microbial control. Individual drips should contain 150 to 3650 ppm product as needed to maintain microbial control.

### **Hydrotesting**

Water used to hydrotest pipelines or vessels should contain 150 to 3650 ppm product.

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### **Pipeline Pigging and Scraping Operations**

Add the appropriate volume of product to achieve a concentration of 150 to 3650 ppm product in the water slug applied immediately following the scraper.

### **Hydrocarbon Production, Storage and Transmission Systems**

Add via direct injection to achieve a concentration of 150 to 3650 ppm product based on the volume of water in the system. For pipeline uses, after application and complete distribution throughout the pipeline, a detectable amount of residual product should be present at the back end of the pipeline system.

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