

Brenntag Canada Inc.

Brenntag T-352 Antimicrobial

SOLUTION

A MICROBIOCIDAL FOR USE IN CONTROLLING SULFATE REDUCING BACTERIA AND SLIME FORMING BACTERIA IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, AND OIL FIELD WATER SYSTEMS SUCH AS STREAM INJECTION WATER HOLDING TANKS, FLOOD WATER, INJECTION WATER, HOLDING POND WATER, DISPOSAL WELL WATER, AND WATER HOLDING TANKS.

REGISTRATION NO. 28194 PEST CONTROL PRODUCTS ACT

GUARANTEE: Glutaraldehyde.....25%

COMMERCIAL

DANGER



POISON

CORROSIVE

READ THE LABEL BEFORE USING

**CORROSIVE LIQUID N.O.S. UN1760
SHIPPING NAME (GLUTARALDEHYDE SOLUTION) ID NUMBER**

**IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER DAY) CALL COLLECT
(403) 263-8660
CANUTEC (24 HOUR EMERGENCY) (613) 996-6666**

Brenntag is a trademark of Brenntag Canada Inc.

Brenntag Canada Inc.
5025 Creekbank Road
Building 'A', Suite 201
Mississauga, Ontario

Net Contents: 20 L, 205 L, Bulk

2024-2968
2024-07-18

L4W 0B6 Canada
416 259 8231

PRECAUTIONS HAZARDS TO HUMANS

DANGER KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns.
Harmful or fatal if inhaled. Harmful 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, on clothing.
Do not inhale fumes or vapor. Do not swallow.

Wear goggles, protective clothing, and rubber gloves.
Wash thoroughly with soap and water after handling.
Remove contaminated clothing and wash before reuse.

FIRST AID INSTRUCTIONS

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.

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

Returnable Containers

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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 the case of a spill, and for clean-up of spills.

Refillable Containers

For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

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 the case of a spill, and for clean-up of spills.

STORAGE AND HANDLING

Brenntag T-352 Antimicrobial solutions are corrosive in 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 epoxyplastic equipment. **This product freezes at about minus 10°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

WATER FLOODS

Brenntag T-352 Antimicrobial should be added to a water flood system at a point of uniform mixing.

Initial Treatment: When the system is noticeably contaminated, add 200 to 10000 ppm Brenntag T-352 Antimicrobial (0.8 to 37.9 Liters Brenntag T-352 Antimicrobial per 3785 liters flood water). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 40 to 10000 ppm Brenntag T-352 Antimicrobial (0.15 to 37.9 Liters Brenntag T-352 per 3785 Liters flood water) to the system weekly, or as needed to maintain control.

DRILLING MUDS/DRILLING, COMPLETION, WORKOVER FLUIDS

Brenntag T-352 Antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 100 to 2000 ppm Brenntag T-352 Antimicrobial (1.5 to 30.3 Liters Brenntag T-352 Antimicrobial per 100 barrels of fluid) to a freshly prepared drilling fluid, depending on the severity of contamination.

Maintenance Dosage: Maintain a concentration of 100 to 2000 ppm Brenntag T-352 Antimicrobial by adding 1.5 to 30.3 Liters Brenntag T-352 Antimicrobial per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

Brenntag T-352 Antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 100 to 1200 ppm Brenntag T-352 Antimicrobial (1.5 to 18.9 Liters Brenntag T-352 per 100 barrels of fluid) 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.

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.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.