

2023-1679  
23-08-03

AQUCAR™ TN 250 LT Water Treatment Microbiocide  
Tris(hydroxymethyl) nitromethane

Solution

For use in the control of microorganisms in oil and gas production

REGISTRATION NO. 33986  
PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT:  
Tris(hydroxymethyl) nitromethane.....25.75%

COMMERCIAL



CAUTION

FLAMMABLE



CAUTION

POISON

READ THE LABEL BEFORE USING

Net Contents: 216 kg

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

**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)

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### PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. Avoid contact with eyes. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Wash contaminated clothing with soap and water before reuse. Formaldehyde can be released during the use of this product. It is recommended that this product not be used in circumstances which would result in formaldehyde air concentrations in the workplace exceeding the exposure levels established by occupational health and safety authorities in your jurisdiction. If values exceed this level, wear a respirator with a NIOSH-approved organic-vapour-removing cartridge with a pre-filter approved for pesticides, or a NIOSH-approved canister approved for pesticides.

### 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 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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

### TOXICOLOGICAL INFORMATION

Treat symptomatically

### ENVIRONMENTAL PRECAUTIONS

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. This registration is granted under the Pest Control Products Act and does not exempt the user from any other legislative requirements. Use of this product and management of any resulting discharge or release of effluents containing this product must also be in accordance with the Fisheries Act and with any other applicable federal or provincial legislation. Consult with provincial regulatory authorities on any authorizations or other

requirements for use of this product and management of any resulting discharge or release of effluents containing this product.

#### DIRECTIONS FOR USE

For use in terrestrial oil fields only. Do not apply in marine and/or estuarine oil fields.

For use in the control of microorganisms in oil and gas production

#### **OIL AND GAS PRODUCTION USES**

At a point of uniform mixing, apply AQUICAR™ TN 250 LT Water Treatment Microbiocide at a concentration within the stated dosing range for the relevant product application. Subsequent treatments can be applied, as needed, to maintain an effective microbial control concentration, within the described dosage range. The stated concentration ranges provide microbial control of microorganisms at differing levels of contamination.

#### **Drilling, Completion, and Workover Fluids**

Add 291 to 3883 ppm product to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 291 to 3883 ppm due to fluid reuse or turn over.

#### **Packer Fluids**

Add 291 to 3883 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 291 to 3883 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 or continuous dosing can be applied to the fluid to achieve a concentration of 194 to 3883 ppm product for effective microbial control.

#### **Injection Waste Fluids**

Add 194 to 3883 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 194 to 3883 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 194 to 3883 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 194 to 3883 ppm as needed to maintain microbial control.

### **Hydrotesting**

Water used to hydrotest pipelines or vessels should contain 194 to 3883 ppm product.

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

Add the appropriate volume of product to achieve a concentration of 194 to 3883 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 194 to 3883 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.

### **STORAGE**

AQUICAR™ TN 250 LT Water Treatment Microbiocide decomposes in the presence of alkaline materials.

Protect from vapors of ammonia and amines during the handling and storage to prevent deterioration and release of formaldehyde.

### **DISPOSAL OF CONTAINER**

1. Triple- or pressure-rinse the empty 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.
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 a spill, and for clean-up of spills.

### **WASTE DISPOSAL**

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DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterization and compliance with applicable laws are the responsibility solely of the waste generator. Wastes resulting from the use of this product may be disposed of on site or any approved waste disposal facility.

**NOTICE TO USER**

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