



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

October 08, 2025

Luanne Jeram  
luanne.jeram@lanxess.com  
LANXESS CORPORATION

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Lowering use rate  
Product Name: AQUCAR(TM) TN 250 LT Water Treatment Microbiocide  
Admin Number: 464-8140  
EPA Receipt Date: 02/15/2019  
Action Case Number: 00223002

Dear Luanne Jeram:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Linda Amar via email at [amar.linda@epa.gov](mailto:amar.linda@epa.gov).


Sincerely,

*Steven Snyderman*

Steven Snyderman, Product Manager, Team 33  
RMB 2, AD  
Office of Pesticide Programs

KEEP OUT OF REACH OF CHILDREN

DANGER - POISON



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Methanol may cause blindness  
DANGER. HARMFUL IF SWALLOWED. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, Nitrile rubber, Neoprene rubber, PVC, Viton)

User Safety Requirements

Follow manufacturers' instructions for cleaning & maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users must wash hands before eating, drinking, chewing gum, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Physical or Chemical Hazards

Flammable. Keep away from heat and open flame. AQUCAR 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.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

The LANXESS Pittsburgh Emergency Response Telephone number is 800-410-3063

ACCEPTED

10/08/2025

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 464-8140

AQUCAR™ TN 250 LT Water Treatment Microbiocide

Active Ingredient: 2-Hydroxymethyl-2-nitro-1,3-propanediol	----- · 25.75%
Other Ingredients:	----- · 74.25%
Total:	----- · 100.00%

[Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label]

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eyes open and rinse slowly and gently with water for 15–20 minutes</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes</li><li>• Call a poison control center or doctor for treatment advice</li></ul>
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice</li><li>• Have a person sip a glass of water if able to swallow</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor</li><li>• Do not give anything by mouth to an unconscious person</li></ul>

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. You may also contact 1-800-222-1222, the poison control center, for emergency medical treatment information.

HOT LINE NUMBER
IN CASE OF EMERGENCY endangering the life or property involving this product, call 800-424-9300

E.P.A. Registration No.: 464-8140  
E.P.A. Est.:

Produced for  
LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112  
Phone: 412-809-1000

NET WT: /

Lot:

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling.

**USE IN OIL AND GAS PRODUCTION**  
At a point of uniform mixing, apply AQUCAR 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 and not to exceed the stated application rates, to maintain an effective microbial control concentration. The stated concentration ranges provide microbial control of microorganisms at differing levels of contamination.

**Drilling, Completion, And Workover Fluids**  
Not a use registered by California  
Add 300 to 2800 ppm product to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 300 to 2800 ppm due to fluid reuse or turn over.

**Packer Fluids**  
Not a use registered by California  
Add 300 to 2800 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**  
Not a use registered by California  
Add 200 to 2800 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**  
Not a use registered by California  
Intermittent or continuous dosing can be applied to the fluid to achieve a concentration of 200 to 2800 ppm product for effective microbial control.

**Injection Waste Fluids**  
Not a use registered by California  
Add 200 to 2800 ppm product to the waste fluid prior to or at injection into an approved disposal well.

**Oil And Gas Water Storage And Transmission Systems**  
Not a use registered by California  
Add 200 to 2800 ppm product to the water storage or transmission system as needed to maintain microbial control.

**Gas Storage Wells And Systems**  
Not a use registered by California  
Individual injection wells should be treated to produce a concentration of 200 to 2800 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 200 to 2800 ppm as needed to maintain microbial control.

**Hydrotesting**  
Not a use registered by California  
Water used to hydrotest pipelines or vessels should contain 200 to 2800 ppm product.

**Pipeline Pigging And Scraping Operations**  
Not a use registered by California  
Add the appropriate volume of product to achieve a concentration of 200 to 2800 ppm product in the water slug applied immediately following the scraper.

**Hydrocarbon Production, Storage And Transmission Systems**  
Not a use registered by California  
Add via direct injection to achieve a concentration of 200 to 2800 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 AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:**  
Keep container tightly closed when not in use.

**PESTICIDE DISPOSAL**  
Wastes resulting from the use of this product may be disposed of on site or any approved waste disposal facility.

**CONTAINER HANDLING:**  
**Nonrefillable Container:** Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.