



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

464-8153

Date of Issuance:

6/8/23

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

AQUCAR™ A 20 Water Treatment  
Microbiocide

Name and Address of Registrant (include ZIP Code):

Lanxess Corporation  
1652 Larkin Center Drive  
Midland, MI 48642  
Electronic Transmittal: [Samantha.Ryder@Lanxess.com](mailto:Samantha.Ryder@Lanxess.com)

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above-named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Steven Snyderman, Product Manager 33  
RMB2, Antimicrobials Division (7510M)  
Office of Pesticide Programs

Date:

6/8/23

2. You are required to comply with the data requirements described in the DCI Order identified below:
  - a. 4,4 – Dimethyloxazolidine: GDCI-114801-1339

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 464-8153.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements 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, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated November 8, 2022

If you have any questions, please contact Zebora Johnson by phone at (703) 308-7080, or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

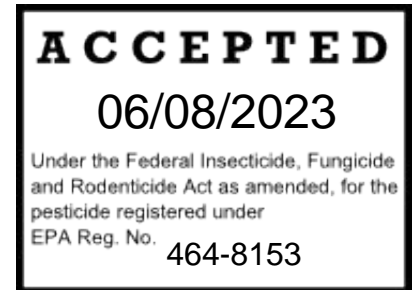
Enclosure: Approved Label

## AQUCAR™ A 20 WATER TREATMENT MICROBIOCIDES

Active Ingredient(s):

4,4-Dimethyloxazolidine. . . . . 19.5 % by wt.  
Inert Ingredients . . . . . 79.5 % by wt.  
Total 100.0 %

E.P.A. Registration No. 464- XXX  
E.P.A. Est. 83434-IL-001



**KEEP OUT OF REACH OF CHILDREN**

### DANGER

**[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.]**

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>HOT LINE NUMBER</b>	
<b>IN CASE OF AN EMERGENCY</b> endangering life or property involving this product, call collect 866-673-6350. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.	

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

### DANGER

**DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN, OR INHALED.**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse. Remove personal protective equipment and decontaminate it immediately after use. Wear the proper Personal Protective Equipment as specified below.

### **Personal Protective Equipment**

Applicators and other handlers must wear:

- Coveralls, over long -sleeved shirt and long pants
- socks and chemical resistant footwear
- goggles or face shields
- Chemical-resistant gloves (such as barrier laminate, butyl nitrile/neoprene rubber, PVC or Viton)

### **Engineering Controls**

Handlers must use a closed system that is designed by the manufacturer to prevent dermal and inhalation exposures.

At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that will limit drippage to no more than 2 ml per disconnect. The closed system must function properly and be used and maintained in accordance with the manufacturer's written operating instructions. Handlers must wear the personal protective equipment required on this labeling.

### **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, using the toilet or using tobacco. 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.

### **Application Restrictions**

Do not apply this product directly in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. 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 plan authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### **DIRECTIONS FOR USE**

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

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

**At a point of uniform mixing, apply AQUICAR™ A 20 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 concentrations listed provide control of microorganisms at differing levels of contamination.**

#### **Remediation of Soured Well in Waterflood operations**

For control of souring in waterflooding operations add, as an initial shock dose, to water used for flooding wells 190 to 3,774 ppm of product depending upon severity of souring. Repeat as needed at regular intervals to achieve control of sulfide levels in production wells. Once control is achieved use a lower maintenance dose, in the range of 190 to 3,774 ppm at regular intervals.

#### **DRILLING, COMPLETION, AND WORKOVER FLUIDS**

Add 190 to 3,774 ppm product to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 190 to 3,774 ppm due to fluid reuse or turn over.

#### **FRACTURING FLUIDS**

Add 190 to 3,774 ppm product at any point in the production or application of the fracturing fluid to reduce bacterial contamination and fracturing fluid degradation.

#### **PACKER FLUIDS**

Add 190 to 3,774 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.

#### **WATER FLOODS AND ENHANCED OIL RECOVERY FLUIDS**

Intermittent or continuous dosing can be applied to the fluid to achieve a concentration of 190 to 3,774 ppm product for effective microbial control.

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### **INJECTION WASTE FLUIDS**

Add 190 to 3,774 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 190 to 3,774 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 190 to 3,774 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 190 to 3,774 ppm as needed to maintain microbial control.

### **HYDROTESTING**

Water used to hydrotest pipelines or vessels should contain 190 to 3,774 ppm product.

### **PIPELINE PIGGING AND SCRAPING OPERATIONS**

Add 190 to 3,774 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 190 to 3,774 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**

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### **CONTAINER DISPOSAL:**

#### ***Option to Use for Nonrefillable Container:***

Nonrefillable Container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

#### ***Option to Use for Refillable Containers:***

Refillable Container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling, if available, or puncture and dispose of in a

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sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

NET WT:

LOT:

Produced for:

**[MC (US) 3 LLC**

1652 Larkin Center Drive

Midland, MI 48642]

**[Lanxess Corporation**

**111 RIDC Park West Drive**

**Pittsburgh, PA 15275]**

For information:

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[Optional Company Logo]

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