



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

EPA Reg. Number:

464-8152

Date of Issuance:

4/5/22

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

AQUCAR™ 724 SR Water
Treatment Microbiocide

Name and Address of Registrant (include ZIP Code):

Nutrition & Biosciences USA 1, LLC
1652 Larkin Center Drive
Midland, MI 48642

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)(B). 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)

Date:

4/5/22

2. You are required to comply with the data requirements described in the DCI Order identified below:

- a. Glutaraldehyde: GDCI-043901-1668

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. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 464-8152.”
5. 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.

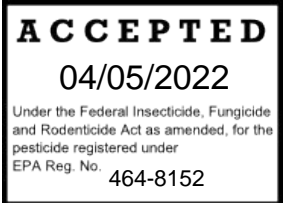
If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.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

- Basic CSF dated 02/09/2021

If you have any questions, please contact Perri Moeller by phone at (202) 566-0813, or via email at moeller.perri@epa.gov.

Enclosure: Stamped Label

MASTER LABEL
March 25, 2022



AQUCAR™ 724 SR Water Treatment Microbiocide

Active Ingredient: Glutaraldehyde:.....24.0%
Other Ingredients:.....76.0%
Total 100%

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.]

	FIRST AID
IF IN EYES:	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with water for 30 minutes• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing• Call a poison control center or doctor for treatment advice
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none">• Take off contaminated clothing• Rinse skin immediately with plenty of water for 15-20 minutes• Call a poison control center or doctor for treatment advice
IF INHALED:	<ul style="list-style-type: none">• 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 center or doctor for further treatment advice
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice• Have a person sip a glass of water if able to swallow• Do not induce vomiting unless told to by a poison control center or doctor• Do not give anything to an unconscious person
NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.	
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 the poison control center at 1-800-222-1222 for emergency medical treatment information.	
HOT LINE NUMBER	
IN CASE OF EMERGENCY endangering the life or property involving this product, call 800-424-9300	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN BURN. MAY BE FATAL IF SWALLOWED OR INHALED. HARMFUL IF ABSORBED THROUGH SKIN. Prolonged or frequently repeated

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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, or on clothing. Do not breathe vapor or spray mist. Do not swallow. Wear protective eyewear such as goggles, face shield, or safety glasses. Coveralls worn over long-sleeve shirt and long pants, socks, chemical-resistant footwear, chemical-resistant gloves (Barrier Laminate, or Butyl Rubber, or Nitrile Rubber, or Neoprene Rubber, or Natural Rubber, or Polyethylene, or Polyvinyl Chloride (PVC), or Viton, selection Category A), and chemical-resistant apron. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Causes asthmatic signs and symptoms in hyper-reactive individuals. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp. 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.

DIRECTIONS FOR USE

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

Oil and Gas Production Uses

At a point of uniform mixing, apply **AQUCAR 724 SR Water Treatment Microbicide** 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.

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 500 to 10,000 ppm of product (0.5-10 gallons AQUICAR 724 SR Water Treatment Microbiocide per 1000 gallons flood water) 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 250 – 10,000 ppm (0.25-10 gallons per 1000 gallons flood water) at regular intervals.

Drilling, Completion, Fracturing Fluids and Workover Fluids

Add 200 to 5000 ppm product (0.84-21 gallons AQUICAR 724 SR Water Treatment Microbiocide per 100 barrels of fluid) to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 50 to 1000 ppm (0.21-4.2 gallons product per 100 barrels of fluid) due to fluid reuse or turn over.

Fracturing Fluids

Add 200 to 10,000 ppm product (2-100 gallons per 10,000 gallons) at any point in the production or application of the fracturing fluid to reduce bacterial contamination and fracturing fluid degradation.

Packer Fluids

Add 100 to 1200 ppm product (0.42-5.04 gallons product per 100 barrels of fluid) to a circulating packer fluid to ensure uniform mixing. Seal the treated packer fluid in the wall between the casing and production tube.

Enhanced Oil Recovery Fluids

Intermittent or continuous dosing can be applied to the fluid to achieve a concentration of 40 to 10,000 ppm product (0.04 – 10 gallons AQUICAR 724 SR Water Treatment Microbiocide per 1000 gallons) for effective microbial control.

Injection Waste Fluids

Add 200 to 10,000 ppm product (0.2- 10 gallons AQUICAR 724 SR Water Treatment Microbiocide per thousand gallons) to the waste fluid prior to or at injection into an approved disposal well.

Oil and Gas Water Storage and Transmission Systems

Add 200 to 20,000 ppm product (concentration should not fall below 500-5000 ppm active based on volume of water in the pipeline) 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 500 to 5,000 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 400 to 4000 ppm as needed to maintain microbial control.

Hydrotesting

Water used to hydrotest pipelines or vessels should contain 200 to 8,000 ppm per product (0.2-8 gallons AQUICAR 724 SR Water Treatment Microbiocide per 1000 gallons water).

Pipeline Pigging and Scraping Operations

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Add the appropriate volume of product to achieve a concentration of 2,000 to 20,000 ppm product (0.2-2 gallons AQUACAR 724 SR Water Treatment Microbiocide per 100 gallons water) in the water slug applied immediately following the scraper.

Hydrocarbon Production, Storage and Transmission Systems

Add via direct injection to achieve a concentration of 1,000 to 20,000 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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STORAGE AND DISPOSAL

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

STORAGE AND HANDLING:

AQUCAR 724 SR 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.

Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge) may be required.

PESTICIDE DISPOSAL

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

CONTAINER Handling:

Option to use for labels on nonrefillable rigid containers of all sizes

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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Option to use on labels on refillable rigid tote 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 sanitary landfill, or by incineration, or, by other procedures allowed by state and local authorities.

MASTER LABEL
March 25, 2022

NET WT:
Lot:

Produced For (when produced by a contract manufacturer)

{logo}
MC (US) 3 LLC
1652 Larkin Center Drive
Midland, Michigan 48642
1-800-526-3649