



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

EPA Reg. Number:

464-8142

Date of Issuance:

8/30/18

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Aquacar 7140 LT Water
 Treatment Microbiocide

Name and Address of Registrant (include ZIP Code):

Alexis L. Chapman
 Dow Microbial Control
 200 Larkin Center
 Midland, MI 48674

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.

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:

Zeno Bain, Product Manager 33
 Regulatory Management Branch I
 Antimicrobials Division (7510P)
 Office of Pesticide Programs

Date:

8/30/18

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16)
GDCI-069105-30882
 - b. 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. 464-8142.”
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 the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. 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) list 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. 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 Compliance.

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:

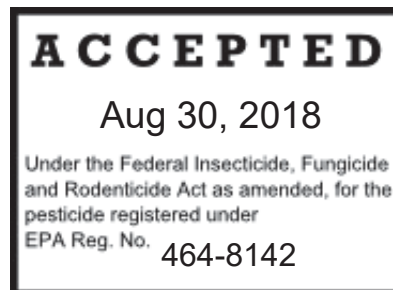
- Basic CSF dated 08/09/2018

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.teria@epa.gov.

Enclosure: Approved label

AQUCAR™ 7140 LT Water Treatment Microbiocide

| | |
|---|-------|
| Active Ingredient: Glutaraldehyde..... | 14.0% |
| Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride..... | 2.5% |
| Other Ingredients:..... | 83.5% |
| Total | 100% |



KEEP OUT OF REACH OF CHILDREN

DANGER

POISON

| | FIRST AID |
|--|---|
| IF IN EYES: | <ul style="list-style-type: none"> Hold eyes 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 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 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 |
| 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 |
| <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p> <p>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.</p> | |
| HOT LINE NUMBER | |
| <p>IN CASE OF EMERGENCY endangering the life or property involving this product, call 800-424-9300</p> | |

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED OR INHALED. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. 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 and wash contaminated clothing before use.

Causes asthmatic signs and symptoms in hyper-reactive individuals. If respiratory irritation occurs, a NIOSH approved respirator with any N, R, P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C is recommended.

Methanol may cause blindness.

Physical or Chemical Hazards

Flammable. Keep away from heat and open flame.

Product is a strong reducer. Keep away from oxidizers.

Personal Protective Equipment

Applicators and other handlers must wear: goggles or face shield, long -sleeve shirt, long pants, shoes, socks, chemical -resistant gloves (such as butyl rubber) and chemical resistant apron.

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

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.

USE IN OIL AND GAS PRODUCTION

If product is applied manually, a dust mist respirator must be worn during application and DO NOT open pour more than 20 L of concentrate per day. Use an automatic system if using more than 20 L of concentrate per day.

At a point of uniform mixing, apply AQUACAR 7140 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. The stated concentration ranges provide microbial control of microorganisms at differing levels of contamination. The specific gravity of AQUACAR 7140 LT Water Treatment Microbiocide is 0.886 (7.39 lb/gal).

Drilling Fluids

Add 150 to 3000 ppm product to the freshly-prepared fluid system. Subsequent treatments may be applied, as needed, to maintain a concentration of 150 to 3000 ppm due to fluid reuse or turn over.

Completion and Workover Fluids

Add 150 to 3000 ppm product to the freshly-prepared fluid system.

Packer Fluids

Add 150 to 1800 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 360 to 17,900 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 (300 - 15,000 ppm product) or continuous (60 - 15,000 ppm product) dosing can be applied to the fluid to achieve effective microbial control.

Injection Waste Fluids

Add 300 to 15,000 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 300 to 30,000 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 1500 to 15,000 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 600 to 6000 ppm product as needed to maintain microbial control.

Hydrotesting

Water used to hydrotest pipelines or vessels should contain 300 to 12,000 ppm product.

Pipeline Pigging and Scraping Operations

Add the appropriate volume of product to achieve a concentration of 3000 to 30,000 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 500 to 5000 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 AND HANDLING:

AQUCAR 7140 LT 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.

NET WT:

Lot:

Produced For (when produced by a contract manufacturer)



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674

989-636-4400

™ Trademark of The Dow Chemical Company ("Dow") or an affiliated of Dow.

LIMITED WARRANTY AND DISCLAIMER

Notice: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES TO THE EXTENT CONSISTENT WITH APPLICABLE LAW.