

464-714

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

APR 3 2008



United States  
Environmental Protection  
Agency

**Office of Pesticide Programs**

The Dow Chemical Company  
1803 Building  
Midland, Mi 48674

Attention: Maureen Mikszal

**Subject: AQUAR GA 30 LT Water Treatment Microbiocide**  
EPA Registration No. 464-714  
Amendment Dated February 20, 2008

The amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to change the primary brand name from "UCARCIDE 130Lt Antimicrobial" to "AQUAR GA 30LT Water Treatment Microbiocide", is acceptable.

A stamped copy of the "accepted" labeling is enclosed for your records.

If you have any questions or comments concerning this letter, please contact Martha L. Terry at (703) 308-6217.

Sincerely,

A handwritten signature in cursive script that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through the skin. Prolonged or frequently repeated 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, on clothing.  
Avoid breathing vapor. Do not swallow.  
Wear goggles, protective clothing, and butyl or nitrile gloves.  
Wash thoroughly with soap and water after handling.  
Remove contaminated clothing and wash before reuse.

**PHYSICAL AND CHEMICAL HAZARDS**

Extremely Flammable! Keep away from heat, sparks and open flame.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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.

**STORAGE AND HANDLING**

AQUCAR GA 30LT Water Treatment Microbiocide is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. AQUCAR GA 30LT Water Treatment Microbiocide can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -45.4°F (-43°C). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C). A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON® Polymer 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.

**LIMITED WARRANTY AND DISCLAIMER**

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 WITH RESPECT TO THE PRODUCT 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.

**BEFORE USING THIS PRODUCT, SEE YOUR EMPLOYER AND READ THE MATERIAL SAFETY DATA SHEET.**



**NOTICE**

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

**AQUCAR™ GA 30LT  
Water Treatment Microbiocide**

A MICROBIOCIDAL FOR USE IN CONTROLLING BACTERIA INCLUDING SULFATE-REDUCING BACTERIA AND SLIME-FORMING BACTERIA IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL FIELD WATER SYSTEMS, GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE FIELDS AND EQUIPMENT, SUCH AS STEAM-INJECTION WATER HOLDING TANKS, FLOOD WATER, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, FUEL STORAGE TANKS AND RELATED REFINERY AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS.

Active Ingredient: Glutaraldehyde ..... 30.0%  
Inert Ingredients: ..... 70.0%  
..... 100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER  
FIRST AID**

**If swallowed:**

- Call CHEMTREC or a doctor immediately for treatment advice.
- DO NOT INDUCE VOMITING.
- Do not give anything to drink.

**If in eyes:**

- Wash immediately and continuously with flowing water for 15-20 minutes.
- Remove contact lenses after the first 5 minutes and continue washing.
- Obtain prompt medical consultation, preferably from an ophthalmologist and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 464-714

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call CHEMTREC or a doctor for treatment advice.

**If inhaled:**

- 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 CHEMTREC or a doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

Produced for:

EPA Reg. No. 464-714  
EPA Est. No. 464-WV-1



**The Dow Chemical Company**  
Midland, Michigan 48674 U.S.A.  
(989)636-4400

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

Made in U.S.A.

Net Contents: 55 gallons

CONTAINER SIZE 55 GALLONS	SHIPPING NAME FLAMMABLE LIQUID, CORROSIVE, N.O.S. (CONTAINS ACETONE, GLUTARALDEHYDE)	ID NUMBER UN 2924	PGII
448 lb NET WEIGHT	HAZARD CLASS 3,8		

**IN CASE OF AN EMERGENCY** endangering life or property involving this product, call collect, (989)636-4400.

**DIRECTIONS FOR USE**

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

**WATER FLOODS**

AQUCAR GA 30LT Water Treatment Microbiocide should be added to a water flood system at a point of uniform mixing.

**Initial Treatment:** When the system is noticeably contaminated, add 167 to 8,333 ppm AQUCAR GA 30LT Water Treatment Microbiocide to the system (0.17 to 8.4 gallons AQUCAR GA 30LT Water Treatment Microbiocide per 1,000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 33 to 8,333 ppm AQUCAR GA 30LT Water Treatment Microbiocide (0.33 to 8.4 gallons AQUCAR GA 30LT Water Treatment Microbiocide per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

**DRILLING, COMPLETION, AND WORKOVER FLUIDS**  
AQUCAR GA 30LT Water Treatment Microbiocide should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

**Initial Treatment:** Add 90 to 1,665 ppm AQUCAR GA 30LT Water Treatment Microbiocide (0.38 to 7.1 gallons AQUCAR GA 30LT Water Treatment Microbiocide per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination.

**Maintenance Dosage:** Maintain a concentration of 90 to 1,665 ppm AQUCAR GA 30LT Water Treatment Microbiocide by adding 0.38 to 7.1 gallons of AQUCAR GA 30LT Water Treatment Microbiocide per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

**PACKER FLUIDS**

AQUCAR GA 30LT Water Treatment Microbiocide should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 90 to 1,005 ppm AQUCAR GA 30LT Water Treatment Microbiocide (0.38 to 4.3 gallons AQUCAR GA 30LT Water Treatment Microbiocide per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the well between the casing and production tube.

**GAS OR OIL PRODUCTION AND TRANSMISSION PIPELINE SYSTEMS**

AQUCAR GA 30LT Water Treatment Microbiocide should be added to a gas or oil production or transmission pipeline via direct injection. The application should be conducted to ensure maximum distribution of the AQUCAR GA 30LT Water Treatment Microbiocide through the entire internal surface of the pipelines. Pipelines should be treated with a sufficient quantity to produce a concentration of 840 to 8340 ppm of AQUCAR GA 30LT Water Treatment Microbiocide when diluted by the water phase present with the pipeline system. To facilitate application in gas pipeline systems, it may be desirable to dilute the AQUCAR GA 30LT Water Treatment Microbiocide within an appropriate solvent immediately before use. Injections to the gas or oil pipeline system should be weekly, or as needed to maintain control.

**HYDROTESTING**

Water used to hydrotest pipelines or vessels should contain 165 to 6,660 ppm AQUCAR GA 30LT Water Treatment Microbiocide (0.17 to 6.7 gallons AQUCAR GA 30LT Water Treatment Microbiocide per 1,000 gallons water), depending on water quality and length of time the equipment will remain idle.

**PIPELINE PIGGING AND SCRAPING OPERATIONS**

Add AQUCAR GA 30LT Water Treatment Microbiocide to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient AQUCAR GA 30LT Water Treatment Microbiocide should be added to produce a concentration of 0.15 to 1.7% (0.15 to 1.7 gallons AQUCAR GA 30LT Water Treatment Microbiocide per 100 gallons water), depending on the length of the pipeline and the severity of biofouling.

**STORAGE AND DISPOSAL**

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Metal Containers or Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Plastic Containers: May be incinerated, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal Containers: Must not be incinerated. Do not cut or weld on or near metal containers.

Handwritten initials/signature.