**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PRECAUTIONARY STATEMENTS**

**Hazard to Humans and Domestic Animals**

**CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN IRRITATION. HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. COMBUSTIBLE LIQUID.**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear goggles or face shield and chemical resistant rubber gloves when handling. Wash thoroughly with soap and water immediately after handling. 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 launder or otherwise decontaminate it immediately after use. Do not use or store near heat or open flame.

**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 plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**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 rinsewater 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:**

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, if allowed by states and local authorities, by burning. If burned, stay out of smoke.

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**AQUACAR™ A 78 Water Treatment Microbicide**

**FOR CONTROL OF BACTERIA IN AQUEOUS SYSTEMS**

**Active Ingredient(s):**

4,4-Dimethylaminocinnoline 76.0% by wt.

**Inert Ingredients:**

24.0% by wt.

**Total:**

100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**FIRST AID**

**IF IN EYES:**

Hold eye open and rinse slowly and gently with water for 30 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.

Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:**

Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow.

Do not induce vomiting unless told to by a poison control center or doctor.

**IF ON SKIN:**

Take off contaminated clothing and shoes.

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or 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 a poison control center or doctor for further treatment.

**HOT LINE NUMBER**

In case of an emergency endangering life or property involving this product, call toll-free 1-800-538-0937.

**NOTE TO PHYSICIAN:**

Probable minimal damage may contaminate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

Produced by:

The Dow Chemical Company
Midland, Michigan 48674 U.S.A.

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**NET CONTENTS:** 4.75 gallons

**NET WEIGHT:** 50 lb / 17.63 kg

**LOT NO.**

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**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**

**USE IN PRESERVING DRILLING MUDS AND WORKOVER AND COMPLETION FLUIDS**

Determines the volume of AQUACAR A 78 Water Treatment Microbicide necessary to provide a concentration of 500-1000 ppm by weight of AQUACAR A 78 Water Treatment Microbicide in the drilling mud system, workover and completion fluid. For example, 21-42 gallons of AQUACAR A 78 Water Treatment Microbicide per each 1000 barrels of drilling mud provides this concentration. As the system circulates, add the AQUACAR A 78 Water Treatment Microbicide in a thin stream. Add additional AQUACAR A 78 Water Treatment Microbicide to the system to maintain the proper concentration as the total volume of the system increases.

**USE IN OILFIELD AND GAS WATER INJECTION SYSTEMS**

For controlling aerobic slime-forming bacteria (Pseudomonas sp.) or iron-oxidizing bacteria (Galibacterium sp.) and anaerobic sulfide-reducing bacteria (Desulfovibrio desulfuricans) in oil field and gas water systems, such as subsurface injection water, add 5-150 ppm of AQUACAR A 78 Water Treatment Microbicide depending on the severity of the contamination. Additions should be made at a metering pump at the few water inlets before or after the injection pumps or, if no metering is present, continuously until the desired degree of control is achieved. Subsequently, treat with 5-150 ppm AQUACAR A 78 Water Treatment Microbicide (0.43-12.8 gal per 3000 barrels of water) continuously as needed to maintain control. For hydraulic fracturing injection water, continuously feed to achieve 100-350 ppm AQUACAR A 78 Water Treatment Microbicide (4.2-10.5 gal per 1000 barrels of water).

**REVISED**

May 9, 2016

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