

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS Hazards To Humans and Domestic Animals

Caution. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with skin and eyes. Chemical resistant gloves must be worn when handling. Do not wear clothing grossly contaminated with the product.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers must wear chemical-resistant gloves (such as Nitrile, butyl, Neoprene, and/or Barrier -4- laminate).

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and invertebrates. 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.

PESTICIDE STORAGE AND DISPOSAL

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

NOTICE: Do not ship with food, feeds, drugs or clothing.

PESTICIDE STORAGE:

For Product Supplied in Water-Soluble Bags:

Store in a dry place between 40 °F and 140 °F.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Nonrefillable container: Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mix tank. Triple rinse drum liner and remove liner and dispose of liner in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Then offer drum for recycling if available. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

Notice: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

AQUCAR™ TA 64 WSB Water Treatment Microbiocide

A highly effective preservative to protect household, institutional and industrial formulations against deterioration from bacteria and fungi.

FOR INDUSTRIAL USE ONLY

Active Ingredient(s):

1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride **64.0%**

Other Ingredient(s): **36.0%**

Total 100.0%



LICENSED 9197.347

PERIOD 2015-2017 LIC. NO.		FIRST AID
IF SWALLOWED	<ul style="list-style-type: none">• Call 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 do so by the poison control center or doctor	
IF IN EYES	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 minutes• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye• Call 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 minutes• Call a poison control center or doctor immediately for treatment advice	
HOT LINE NUMBER		
IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 989-636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.		

E.P.A. Registration No. 464-403

E.P.A. Est. 5905-GA-01

When product produced for Dow: Produced For



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674

(989) 636-4400

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NET WT: 100 lb / 45.4 kg

LOT:

DIRECTIONS FOR USE

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

AQUCAR TA 64 WSB Water Treatment Microbiocide when used according to good manufacturing practices, meets the requirements of Food Additive Regulations 21 CFR 175.105 for use as a preservative for adhesives; 21 CFR 177.1680 for preservation of polyurethane resins in contact with dry bulk foods; 21 CFR 176.170 for preservation of components of paper and paperboard intended for use in contact food and 21 CFR 176.180 for preservation of components of paper and paperboard intended for use in contact with dry foods.

Additional Directions for Use information for product packaged in 2½ lb water soluble bags.

Refer to the table below as a formulation guide:

AQUCAR™ TA 64 WSB Water Treatment Microbiocide	Formulation Weight (lbs)	Percent Solution
1	100,000	0.0025
1	5,000	0.05
1	2,500	0.1
1	1,250	0.2
1	1,000	0.25

PULP AND PAPER

To protect coatings, finishes, and printing colors based on starch and latex (natural and synthetic) from bacterial and fungal attack, add 0.13-0.27% AQUCAR TA 64 WSB Water Treatment Microbiocide by wt of the formulation. Add as an aqueous solution. These concentrations will protect against bacterial and fungal growth for 3-6 days. Longer periods of preservation require higher concentrations.

OIL AND GAS PRODUCTION USES:

FOR USE WITH CLOSED DELIVERY SYSTEM ONLY

WATER FLOODS

Product not registered for this use in California

Add AQUCAR TA 64 WSB Water Treatment Microbiocide to a water flood system at a point of uniform mixing. Add 25 to 500 ppm AQUCAR TA 64 WSB Water Treatment Microbiocide to the system weekly, or as need to maintain control.

FRACTURING FLUIDS

Product not registered for this use in California

AQUCAR TA 64 WSB Water Treatment Microbiocide reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add AQUCAR TA 64 WSB Water Treatment Microbiocide to the fracturing water storage tanks, to the solid blend system, or directly into the well head injection pipeline as the water is being pumped down-hole.

Dose Range: Dose AQUCAR TA 64 WSB Water Treatment Microbiocide at a rate of 25 to 500 ppm, depending on the degree of bacterial fouling in the source water.

DRILLING, COMPLETION, AND WORKOVER FLUID

Product not registered for this use in California

Add AQUCAR TA 64 WSB Water Treatment Microbiocide to a drilling fluid system at a point of uniform mixing, such as the circulating mud tank.

Initial Treatment: Add 25 to 500 ppm AQUCAR TA 64 WSB Water Treatment Microbiocide to a freshly prepared fluid, depending on the severity of contamination.

Maintenance Dosage: Maintain a concentration of 25 to 500 ppm AQUCAR TA 64 WSB Water Treatment Microbiocide as needed, depending on the severity of contamination.

PACKER FLUIDS

Add AQUCAR TA 64 WSB Water Treatment Microbiocide to a packer fluid at a point of uniform mixing, such as a circulating holding tank. Add 25 to 500 ppm

AQUCAR TA 64 WSB Water Treatment Microbiocide to freshly prepared fluid, depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

INJECTION FLUIDS

Product not registered for this use in California

For the control of contamination and corrosion from bacterial sources in fluids/waste fluids that are disposed of through injection into an approved well, following approved guidelines, add AQUCAR TA 64 WSB Water Treatment Microbiocide as a dry product or pre-dissolved in each volume of fluid prior to injection.

Frequency and Dose: Dose AQUCAR TA 64 WSB Water Treatment Microbiocide at a rate of 25 to 500 ppm based in the water percent of the injection fluid.

WELL SQUEEZE FLUIDS

Product not registered for this use in California

For the effective control of aerobic and anaerobic bacteria in squeeze fluids and downhole well bore areas, add AQUCAR TA 64 WSB Water Treatment Microbiocide during pre-mixing of the well squeeze fluid or (in the case of direct mix injection systems) an aqueous solution may be added by direct injection at the well head during the well squeeze procedure.

Frequency And Dose: Use AQUCAR TA 64 WSB Water Treatment Microbiocide for each well squeeze operation to ensure best results. Add AQUCAR TA 64 WSB Water Treatment Microbiocide at a concentration of 25 to 500 ppm, depending on the quality of the makeup water.

PRODUCED WATER

Product not registered for this use in California

To inhibit the growth of slime-forming or corrosion-inducing sulfate-reducing bacteria in formation water produced by wells together with oil or gas, AQUCAR TA 64 WSB Water Treatment Microbiocide may be used as the solid or pre-dissolved in a quantity of water, then injected into the water-containing oil or gas stream at any convenient point. Inject as slug doses, not as a continuous feed.

Frequency And Dose: Depending on severity and rapidity of contamination, slug-dose AQUCAR TA 64 WSB Water Treatment Microbiocide from once a week to once a month at 25 to 500 ppm.