

DIRECTIONS FOR USE

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

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/ RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.

AQUCARTM 515 Water Treatment Microbiocide should be added to a water treatment system at a point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with AQUCARTM 515 Water Treatment Microbiocide. Under these conditions, blowdown should be discontinued for up to 24 hours.

AQUCARTM 515 Water Treatment Microbiocide can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

INTERMITTENT (SLUG DOSE) METHOD

Initial Dose: When the system is noticeably fouled, apply 4.2 to 8.5 fluid ounces of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 1.7 to 4.2 fluid ounces of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 4.2 to 8.5 fluid ounces of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of water in the system.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 0.8 to 4.2 fluid ounces of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

SERVICE WATER AND AUXILIARY SYSTEMS

(Fire water systems and spray paint booths)

AQUCARTM 515 Water Treatment Microbiocide should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS

(Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers and Once-Through Cooling Water Systems)

AQUCARTM 515 Water Treatment Microbiocide should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

INDUSTRIAL WASTEWATER SYSTEMS

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)

AQUCARTM 515 Water Treatment Microbiocide should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 1.5 to 7.5 gallons (1,500 to 7,500 ppm AQUCARTM 515 Water Treatment Microbiocide) per 1,000 gallons of wastewater or sludge.

MACROFOULING CONTROL

AQUCARTM 515 Water Treatment Microbiocide should be added continuously to maintain a level of 20 ppm active ingredient in the system for a period of at least 96 hours.

Initial Dose: When macrofouling is present in the system, apply 17.5 fluid ounces of AQUCARTM 515 Water Treatment Microbiocide per 1,000 gallons of water in the system. Continue to add as needed to maintain the 20 ppm active ingredient level for a period of at least 96 hours.

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.

CONTINUED ON PAGE TWO

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Harmful if swallowed. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters 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

AQUCARTM 515 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. This product freezes at about 20.3°F (-6.5°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® is suitable for gaskets and packing.

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 HANDLING OR USING, READ AND UNDERSTAND
CURRENT MATERIAL SAFETY DATA SHEET FOR THIS
PRODUCT.

ACCEPTED

OCT 12 2001

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended for the
pesticide, registered under
EPA Reg. No. 464-693



NOTICE

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

This label is BUSINESS CONFIDENTIAL and shall not be distributed to
anyone unless duly authorized by Regulatory Affairs.



Active Ingredient: Glutaraldehyde _____ 15.0%
Inert Ingredients: _____ 85.0%
100.0%

KEEP OUT OF REACH OF CHILDREN DANGER FIRST AID

If swallowed:

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

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- After at least 15 minutes of rinsing or after it is judged that nearly all of the contamination has been removed, contact an Ophthalmologist before attempting to remove the contact lens(es).
- Call a poison control center or a doctor immediately for treatment advice.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center 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 a poison control center 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.



THE DOW CHEMICAL COMPANY
Midland, Michigan 48674 U.S.A.
1-800-258-CHEM

*Trademark of THE DOW CHEMICAL COMPANY

EPA Reg. No. 464-
EPA Est. No. 10352-WV-2
L90225 (J 06/01)
Made In USA
PE0601

Net Contents: 5, 30, or 55 gallons

CONTAINER SIZE	CONTAINER SIZE	CONTAINER SIZE
55 GALLONS	30 GALLONS	5 GALLONS
470 POUNDS	260 POUNDS	43 POUNDS
NET WEIGHT	NET WEIGHT	NET WEIGHT

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

464-693

10-12-2001

1/2

BEET SUGAR MILLS AND BEET SUGAR MILL PROCESS WATER SYSTEMS

AQUCARTM 515 Water Treatment Microbiocide should be added to the system at a point of uniform mixing such as the diffuser, transport water pump, weir box, or diffuser feed water pump. Additions may be made intermittently (SLUG DOSE) or continuously.

INTERMITTENT (SLUG DOSE) METHOD

Initial Dose: When the system is noticeably contaminated, add 19.7 to 49.2 fluid ounces (667 to 1,667 ppm product) of AQUCARTM 515 Water Treatment Microbiocide per ton or 667 to 1,667 mL of AQUCARTM 515 Water Treatment Microbiocide per metric ton of sliced beets as a slug dose. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 2.95 to 29.5 fluid ounces (100 to 1,000 ppm) of AQUCARTM 515 Water Treatment Microbiocide per ton or 100 to 1,000 mL of AQUCARTM 515 Water Treatment Microbiocide per metric ton of sliced beets in the system as a slug dose as necessary to maintain control. The total should not exceed 106 gallons per 1,000 tons of beets sliced per day.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably contaminated, add 19.7 to 49.2 fluid ounces/minute (667 to 1,667 ppm product) of AQUCARTM 515 Water Treatment Microbiocide per ton or 667 to 1,667 mL/minute of AQUCARTM 515 Water Treatment Microbiocide per metric ton of beets sliced per minute in the system via automatic pump of suitable construction.

Subsequent Dose: When microbial control is evident, add 2.95 to 29.5 fluid ounces/minute (100 to 1,000 ppm) of AQUCARTM 515 Water Treatment Microbiocide per ton or 100 to 1,000 mL/minute of AQUCARTM 515 Water Treatment Microbiocide per metric ton of beets sliced per minute in the system, or as necessary to maintain control. The total should not exceed 106 gallons per 1,000 tons of beets sliced per day.

PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS

AQUCARTM 515 Water Treatment Microbiocide should be added to the paper making system at a point of uniform mixing such as the beaters, broke chest pump, save-all tank, or white-water tank.

Initial Dose: When the system is noticeably contaminated, add 1.8 to 9.9 lbs of AQUCARTM 515 Water Treatment Microbiocide per ton of pulp or paper (dry basis) as a slug dose. Repeat until control is achieved. Heavily fouled systems should be boiled out prior to initial treatment.

Subsequent Dose: When microbial control is evident, add 0.9 to 6.6 lbs of AQUCARTM 515 Water Treatment Microbiocide per ton of pulp or paper (dry basis) as a slug dose as necessary to maintain control.

PIGMENTS AND FILLER SLURRIES FOR PAPER AND PAPERBOARD

Use from 0.34 to 2.0 lbs. of AQUCARTM 515 Water Treatment Microbiocide per 1,000 lbs. of dry powder to produce a concentration from 333 to 2,000 ppm as product (based on slurry solids) in the mixed slurry.

WATER BASED COATINGS FOR PAPER AND PAPERBOARD

NOTE: For use in non-food contact coatings only.

Use from 0.34 to 2.0 lbs. of AQUCARTM 515 Water Treatment Microbiocide per 1,000 lbs. of dry powder to produce a concentration from 333 to 2,000 ppm as product (based on slurry solids) in the mixed slurry.

AQUEOUS METALWORKING FLUIDS

AQUCARTM 515 Water Treatment Microbiocide should be added to a metalworking fluid system at a point of uniform mixing such as the fluid collection tank. Additions may be made intermittently (SLUG DOSE) at intervals of one week or less.

Initial Dose: When the system is noticeably fouled apply 6.2 to 24.6 fluid ounces (100 to 300 ppm active) of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of metalworking fluid to the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 3.4 to 16.4 fluid ounces (40 to 200 ppm active) of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of metalworking fluid to the system weekly, or as needed to maintain control. Badly fouled systems should be cleaned before treatment is begun.

WATER BASED CONVEYOR LUBRICANTS

(Brewery, Juice, Dairy, Beverage, and Food Processing Systems)

Avoid contamination of food in application of product.

Thoroughly clean all tracks and conveyors to remove gross soil. Rinse well. Use an automatic feed system as recommended by our DOW representative to provide 4.1 to 24.6 fluid ounces (50 to 300 ppm active) of AQUCARTM 515 Water Treatment Microbiocide per 100 gallons of diluted lubricant.

GENERAL PRESERVATIVE USE

AQUCARTM 515 Water Treatment Microbiocide is recommended for use in aqueous or water containing products and systems, including industrial, institutional and consumer in-can processes and products, to control the growth of bacteria and fungi. For effective preservation, add AQUCARTM 515 Water Treatment Microbiocide to the product formulation at a rate of 0.066% to 0.66% (666.9 to 6,669 ppm) based on the water content of the product (0.66 to 6.6 lbs AQUCARTM 515 Water Treatment Microbiocide /1,000 lbs water content). Mix uniformly.

PRESERVATIVE FOR CONCENTRATES

For use in concentrates where effective preservation is needed after dilution, add AQUCARTM 515 Water Treatment Microbiocide to the product formulation at a rate such that the diluted end-use product will contain 0.066% to 0.66% AQUCARTM 515 Water Treatment Microbiocide.

At no time during the preservation process should the level of AQUCARTM 515 Water Treatment Microbiocide exceed 6.6%.

REVERSE OSMOSIS MEMBRANES

For effective preservation of reverse osmosis elements (where approved for compatibility by membrane manufacturer), immerse elements in a tank containing 0.66% to 6.6% AQUCARTM 515 Water Treatment Microbiocide.

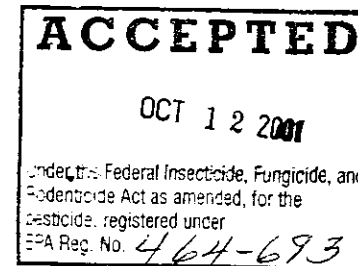
AQUCARTM 515 Water Treatment Microbiocide can also be added to in-line recirculating systems for preservation of installed out-of-service reverse osmosis equipment (where approved for compatibility by membrane manufacturer). Add 0.66% to 6.6% AQUCARTM 515 Water Treatment Microbiocide to the tank in the circulating system. Maintain AQUCARTM 515 Water Treatment Microbiocide concentration by periodic addition to counteract any system leakage.

CONCRETE ADMIXTURES

For effective preservation of concrete admixtures, add AQUCARTM 515 Water Treatment Microbiocide to the product formulation at a rate of 6,666 to 26,667 ppm based on the weight of the admixture (5.7 to 26.7 lbs AQUCARTM 515 Water Treatment Microbiocide/1,000 lbs. concrete admixture). Mix uniformly.

FUEL OIL STORAGE TANKS

AQUCARTM 515 Water Treatment Microbiocide should be added to the fuel oil storage tank at a rate of 4.2 ounces to 8.5 ounces per 1,000 gallons of fuel oil. Additions may be made intermittently or reapplied as a slug dose with each oil delivery at a rate of 4.2 ounces to 8.5 ounces per 1,000 gallons of oil delivered. Apply to the tank just prior to or at the time of oil delivery or to a tank recirculation line to ensure adequate mixing.



2/2