PM-31

# Reg # 10352-49

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER **KEEP OUT OF REACH OF CHILDREN** 

Corrostve, Causes irreversible eve damage. Causes skin irritation, Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause attergic 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 rubber 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 unless in accordance with the requirements of a National Polkitant 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® 536 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; fined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product (reezes at about -12°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 37.8°C can be tolerated but the preferred maximum storage temperature is about 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

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness and of toxicity to laboratory animals. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions,

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT SUCH LIABILITY IS BASED IN CONTRACT, NEGLIGENCE. STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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

BEST AVAILABLE COPY

# Aquca UNION CARBIDE A MICROBIOCIDE FOR USE IN CONTROLLING SLIME FORMING BACTERIA, SULFATE-REDUCING BACTERIA AND ALGAE IN AIRWASHERS AND INDUSTRIAL SCRUBBING SYSTEMS, SERVICE WATER AND AUXILIARY SYSTEMS, RECIRCULATING COOLING AND PROCESS WATER SYSTEMS INCLUDING THOSE THAT CONTAIN REVERSE OSMOSIS MEMBRANES, AND WASTEWATER SYSTEMS INCLUDING WASTEWATER SLUDGE AND HOLDING TANKS.

Active Ingredient: Glutaraldehyde 36.0%

Inert Ingredients:

64.0%

# 100.0%

# **KEEP OUT OF REACH OF CHILDREN** DANGER

## STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

(F ON SKIN: Immediately wash with plenty of soap and water. Get medical attention,

IF INHALED: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician. IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical advice with urgency. NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

#### SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

## UNION CARBIDE CORPORATION

89 Old Ridgebury Road + Danbury, CT 06817-0001 EPA Reg. No. 10352-49 AQUCAR is a registered trademark of Union Carbide Net Contents 55 gallons

APA Reg. No/0352

EPA Est. No.10352-WV-2 UCC-L14327 (B) Made In USA

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(Wastewater Systems, Wastewate (0.5 to 2.5 gallons per 1000 gallon

PESTICIDE DISPOSAL: Do not is prohibited. Pesticide wastes a is a violation of Federal law, If the contact your State Posticide or yo representative at the nearest EP CONTAINER DISPOSAL: Meta offer for recycling or reconditionin approved by state and local authority and local authorities, by burning, incinerated. Do not out or weld o

PE1196 CONTAINER SIZE 55 GALLONS 14327 458 POUNDS PRODUCT CODE NETWEIGH 04 EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-822-4357) ACCEPTED DEC 29 1996 OUTSIDE USA 01-304-744-3487 RECD CHAVOPPLI Under the Vederal Insections. Fungicide, and Rodenticide Act. as amended, for the pesticide

#### It is a violation of Federa AIR WASHERS AND I

RECIRCULATING CO This product may be used only i

eliminating components.

AOUCAR® 536 Water Treatment convenient point of uniform mixir Addition may be made intermitte treated with AQUCAR® 536 Wat be discontinued for up to 24 hour

AQUCAR® 536 Water Treatmen contain utira titration units and n compatibility by the membrane m

## INTERMITT

Initial Dose: When the system i Treatment Microbiocide (0.1 to 0. is achieved.

Subsequent Dose: When micro Treatment Microbiocide (0.05 to needed to maintain control.

Badiy fouled systems must be cit CON

initial Dose: When the system i Treatment Microbiocide (0.1 to 0. Subsequent Dose: Maintain thi AQUCAR® 536 Water Treatment system per day.

Badly fouled systems must be ck SERVICE WATER

AQUCAR® 536 Water Treatment same manner as described abov mixing throughout the system,

# HEAT TRANSFER

(Evaporative Condensers, Dairy & Pasteurizers and Warmers.)

AQUCAR® \$36 Water Treatment same manner as described above a basin area, sump area, or other circulated uniformly throughout th

# INDUSTRIAL WAS

AQUCAR® 536 Water Treatment convenient point of uniform mixing

#### DIRECTIONS FOR USE

## ENTS TIC ANIMALS

# HILDREN

 Harmful if Inhaled. longed or frequently kluais. Causes asthmatic



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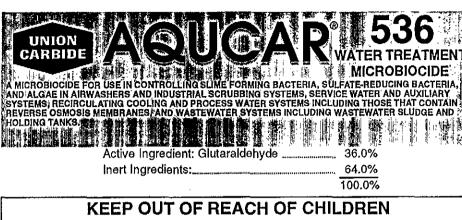
with many commonly used zine. These solutions can be teel, or reinforced epoxy-plastic orage lank is inside or I, exposure to high nonth), temperatures of up to about 28.7°C. wound stainless steel with

#### AIMER

description on the label; (b) that ons for use when it is used in d other statements on this label effectiveness and of toxicity to tes or under all conditions. THE AUTHORIZE ANY AGENT OR ESSED OR IMPLIED, AND IT THES OF MERCHANTABILITY axtend to, and the Buyer shall be the use of this product in any

3'S EXCLUSIVE LIABILITY FOR ULTING FROM THE USE OR ITY IS BASED IN CONTRACT. HALL BE LIMITED, AT THE AYMENT OF THE PURCHASE ICH DAMAGES ARE CLAIMED. FOR SPECIAL, INDIRECT OR ING OF THIS PRODUCT.

NO UNDERSTAND L SAFETY DATA CT.



# DANGER

### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention. IF ON SKIN: Immediately wash with plenty of scap and water. Get medical attention.

IF INHALED: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical advice with urgency. NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

# SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

# UNION CARBIDE CORPORATION

39 Old Ridgebury Road • Danbury, CT 06817-0001 EPA Reg. No. 10352-49 AQUCAR is a registered trademark of Union Carbide Net Contents 55 gallons

EPA Est. No.10352-WV-2 UCC-L14327 (B) Made In USA PE1196

CONTAINER SIZE 55 GALLONS 14327 458 POUNDS PRODUCT CODE NETWEIGHT 07 ANN

EMERGENCY CONTACT-(24 HOURS PER DAY); IN USA 1-800-UCC-HELP (1-800-822-4357) CCEPTED OUTSIDE USA 01-304-744-3487

# RECUERAL OPPORT

Under the Federal Insecticiue, Fungicide, and Rodenticide Act, as amended, for the pesticide mgistered under Nol DA

BEST AVAILABLE COPY

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 misteliminating components,

AQUCAR® 536 Water Treatment Microbiooide should be added to a water treatment system at a convenient point of uniform mixing such as the basin area, at the application rates described below. Addition may be made intermittenly (SLUG DOSE) or continuously. Badly fouled avalants can be shock treated with AOUCAR® 536 Water Treatment Microbiocide. Under these conditions, blowdown should be discontinued for up to 24 hours.

AQUCAR® 536 Water Treatment Microblocide 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, add 100 to 500 ppm of AQUCAR® 536 Water Treatment Microbiocide (0.1 to 0.5 gallons per 1000 gallons of water) to the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 50 to 250 ppm of AQUCAR® 536 Water Treatment Microbiocide (0.05 to 0.25 gallons per 1000 gallons of water) to the system weekly, or as needed to maintain control.

Bedly fouled systems must be cleaned before treatment is begun.

#### CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add 100 to 500 ppm AQUCAR® 536 Water Treatment Microbiocide (0,1 to 0.5 gallons per 1000 gallons of water) to the system. Subsequent Dose: Maintain this treatment level by starting a continuous feed of 30 to 150 ppm of AQUCAR® 536 Water Treatment Microbiocide (0.03 to 0.15 gallons per 1000 gallons of water) to the system per day.

#### Badly fouled systems must be cleaned before treatment is begun. SERVICE WATER AND AUXILIARY SYSTEMS

AQUCAR® \$36 Water Treatment Microblocide 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 Reforts, and Pasteurizers and Warmers.)

AQUCAR® 536 Water Treatment Microblooide should be used at the same application rates, and in the same menner 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)

AQUCAR® 536 Water Treatment Microbiocide should be added to a wastewater system of sludge at a convenient point of uniform mixing. Add 500 to 2500 ppm AQUCAR® 536 Water Treatment Microbiocide (0.5 to 2.5 gallons per 1000 gallons of wastewater or sludge) to the system.

# 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.