

PH 21 10352-40

1041

See MSDS for exposure limits of components

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**DANGER  
KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed. May cause skin sensitization.

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 HAZARD**

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless the product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL PROPERTIES**

Specific Gravity at 20/20°C ..... 1.013 Solubility in Water at 20°C ..... Complete  
Vapor Pressure at 20°C ..... 17 mm Hg Solubility of Water in at 20°C ..... Complete  
Freezing Point ..... 4°C pH at 25°C ..... 3.1 to 4.5

**STORAGE AND HANDLING**

AQUICAR® 504 Water Treatment Microbicide solutions are corrosive to 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 -4°C (25°F). 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 can be tolerated but the preferred maximum storage temperature is about 80°F. A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLO® is suitable for gaskets and packing.

**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. Do not cut or weld on or near metal containers. Plastic Containers: May be incinerated, if allowed by state and local authorities. If burned, stay out of smoke. Metal Containers: Must not be incinerated. For 1 Gallon Containers: DO NOT REUSE EMPTY CONTAINER (BOTTLES, CANS, BUCKETS) Wrap container and place in trash.



**AQUICAR® 504**

**WATER TREATMENT  
MICROBICIDE**

A MICROBICIDE FOR USE IN CONTROLLING SLIME FORMING BACTERIA, SULFATE-REDUCING BACTERIA AND ALGAE IN AIR WASHERS RECIRCULATING WATER COOLING TOWERS AND SYSTEMS, INCLUDING PASTEURIZER COOLING WATER SYSTEMS, RETORT WATER SYSTEMS, AND INDUSTRIAL CLOSED, RECIRCULATING PROCESS WATER SYSTEMS.

**ACCEPTED**

Active Ingredient: Glutaraldehyde ..... 4.0%  
Inert Ingredients: ..... 96.0%  
..... 100.0%

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10352-40

**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.  
**IF ON SKIN:** 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.

**UNION CARBIDE CHEMICALS AND PLASTICS COMPANY INC.  
SPECIALTY CHEMICALS DIVISION**

39 Old Ridgebury Road • Danbury, CT 06817-0001  
EPA Reg No 10352-40  
AQUICAR is a registered trademark of Union Carbide Corporation  
Net Contents 5 or 55 gallons

EPA Est. No. 10352-WV-2  
UCC-L14354 (D 3/91)  
Made In USA  
PE0494

14354	CONTAINER SIZE	CONTAINER SIZE
	55 GALLONS	5 GALLONS
PRODUCT CODE	505 POUNDS NET WEIGHT	43 POUNDS NET WEIGHT

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

**DIRECTIONS FOR USE**

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

**AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS**

AQUICAR® 504 Water Treatment Microbicide 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 AQUICAR® 504 Water Treatment Microbicide. Under these conditions, blowdown should be discontinued for up to 24 hours.

**INTERMITTENT (SLUG DOSE) METHOD**

*64 112 gallon*  
Initial Dose: When the system is noticeably fouled, apply 16-22 fluid ounces (1 pint - 1 quart) of AQUICAR® 504 Water Treatment Microbicide per 100 gallons of water in the system. Repeat until control is achieved.  
Subsequent Dose: When microbial control is evident, add 8-16 fluid ounces (1 cup - 1 pint) of AQUICAR® 504 Water Treatment Microbicide 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. *64*

**CONTINUOUS FEED METHOD**

*112 gallon*  
Initial Dose: When the system is noticeably fouled, apply 16-22 fluid ounces (1 pint - 1 quart) of AQUICAR® 504 Water Treatment Microbicide per 100 gallons of water in the system.  
Subsequent Dose: Maintain this treatment level by starting a continuous feed of 4-16 fluid ounces (1/2 cup - 1 pint) of AQUICAR® 504 Water Treatment Microbicide per 100 gallons of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

**HEAT TRANSFER SYSTEMS**

(Evaporative Condensers, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers.)

AQUICAR® 504 Water Treatment Microbicide 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.

**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.