

PM 31

10352-22

page 1

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER  
KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. May cause allergic skin reaction. 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 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**

AQUICAR® 545 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 1°F (-17°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 TEFLO® 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 the 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.**

**DIRECTIONS FOR  
GENERAL CLASSIFICATION**

It is a violation of Federal law to use this product in a manner not specified on the label.

**AIR WASHERS AND INDUSTRIAL SCRUBBERS  
RECIRCULATING COOLING AND PROCESS**

This product may be used only in industrial air washers and air wash components.

AQUICAR® 545 Water Treatment Microbiocide should be added at a convenient point of uniform mixing such as made intermittently (SLUG DOSE) or continuously. Badly fouled systems: Add 5.7 to 14.1 lbs (2.6 to 6.4 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system weekly. Under these conditions, up to 24 hours.

AQUICAR® 545 Water Treatment Microbiocide can be used in industrial ultra filtration units and non-medical reverse osmosis membranes (in membrane manufacturer) and associated distribution systems.

**INTERMITTENT (SLUG DOSE)**

Initial Dose: When the system is noticeably fouled, apply 14.2 to 56.1 lbs (6.4 to 25.4 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system. Repeat Subsequent Dose: When microbial control is evident, add 5.7 to 14.1 lbs (2.6 to 6.4 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system weekly. Badly fouled systems must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD**

Initial Dose: When the system is noticeably fouled, apply 14.2 to 56.1 lbs (6.4 to 25.4 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system. Subsequent Dose: Maintain this treatment level by starting a continuous feed of 0.5 to 2.5 lbs (0.2 to 1.1 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

**SERVICE WATER AND AUXILIARY SYSTEMS**

AQUICAR® 545 Water Treatment Microbiocide should be used at the same manner as described above. It should be added to the system at a point throughout the system.

**HEAT TRANSFER SYSTEMS**

(i.e. evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Steam Warmers and Once-Through Cooling Water Systems)

AQUICAR® 545 Water Treatment Microbiocide should be used at the same manner as described above. It should be added to the system at a point throughout the system.

**INDUSTRIAL WASTEWATER SYSTEMS**

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)

AQUICAR® 545 Water Treatment Microbiocide should be added at a convenient point of uniform mixing such as the digester. Add 0.5 to 2.5 lbs (0.2 to 1.1 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of wastewater or sludge.

**MACROFOULING CONTROL**

AQUICAR® 545 Water Treatment Microbiocide should be added continuously to the system for a period of at least 96 hours. Initial Dose: When macrofouling is present in the system, apply 5.6 lbs (2.5 kg) AQUICAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system. Continue active ingredient level for a period of at least 96 hours.

**STORAGE AND DISPOSAL**

**PESTICIDE DISPOSAL** Do not contaminate water, food, or feed. Dumping is prohibited. Pesticide wastes are toxic. Improper treatment or incineration is a violation of Federal law. If these wastes can be recycled, contact your State Pesticide or your Environmental Hazardous Waste representative at the nearest EPA Regional Office. **CONTAINER DISPOSAL** Metal Containers or Plastic Containers: Offer for recycling, reconditioning, or puncture and disposal procedures approved by state and local authorities. Plastic Containers: Must not be incinerated. Do not cut or weld on or near metal parts.



Active Ingredient: Glutaraldehyde \_\_\_\_\_ 45.0%  
Inert Ingredients: \_\_\_\_\_ 55.0%  
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.  
**IF 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**

39 Old Ridgebury Road • Danbury, CT 06817-0001  
EPA Reg. No. 10352-22  
AQUICAR is a registered trademark of Union Carbide  
Net Contents 55 gallons

EPA Est. No. 10352-WV-2  
UCC-L90226 (E 10/94)  
Made in USA  
PE1094

MAY 22 1995	CONTAINER SIZE 55 GALLONS	SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (CONTAINS GLUTARALDEHYDE)	
	504 POUNDS NET WEIGHT	HAZARD CLASS 8	ID NUMBER 1750	PG II

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

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