

pm 31 10352-22

**ACCEPTED**

JUN 19 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10352-22.

**DIRECTIONS FOR USE:** to use this product:

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

**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. Harmful if swallowed. Harmful if absorbed through skin. 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 this 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°C 1.118 Solubility in Water at 20°C Complete  
Vapor Pressure at 20°C 14.7 mm Hg Solubility of Water at 20°C Complete  
Freezing Point 17°C pH at 25°C 3.1 to 4.5

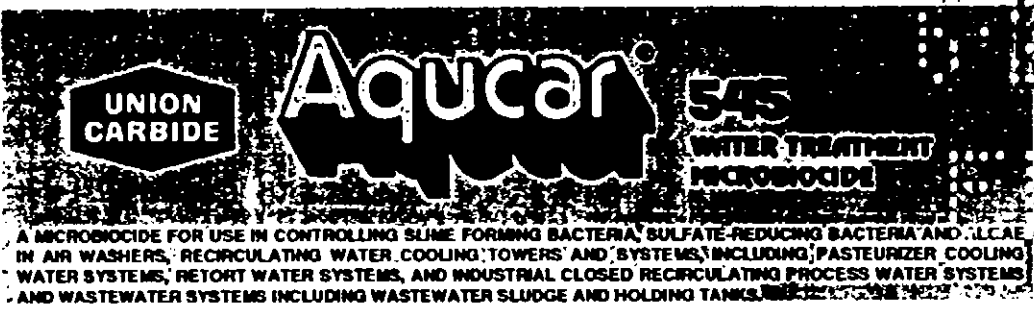
**STORAGE AND HANDLING**

AQUCAR® 545 Water Treatment Microbiocide 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 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 TFE O-RING is suitable for gaskets and packing.

**STORAGE AND DISPOSAL**

**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Open burning is prohibited. Pesticide wastes are toxic. Proper disposal of wastes will vary; spray mixture or residue is a liquid in U.S. Federal law. If these wastes cannot be disposed of by use according to label directions, contact your State or local Environmental Control Agency for the Hazardous Waste Representative at the appropriate Agency for handling and disposal.

**CONTAINER DISPOSAL:** Metal Containers or Plastic Containers: This is a highly corrosive liquid. Offer for recycling or other reuse. If recycling is not available, the container should be cleaned and disposed of as an empty container. Plastic Containers: Must be disposed of in accordance with local, state, or federal regulations. Metal Containers: Must be disposed of in accordance with local, state, or federal regulations.



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

39 Old Ridgebury Road • Danbury, CT 06817-0001  
EPA Reg No. 10352-22  
AQUCAR® is a registered trademark  
of Union Carbide Corporation  
Net Contents 504 lbs. (228.6 kg)

EPA Est. No. 10352-WV-2  
UCC-L90226 (C 4/93)  
Made In USA  
PE0593

DOT HAZARDING NAME	CORROSIVE LIQUID, N.O.S. (CONTAINS GLUTARALDEHYDE)	UN 1760 ID NUMBER	90226	CONTAINER SIZE
MO	CORROSIVE LIQUID, N.O.S.	1760		55 GALLONS
HAZ. ID. NAME	CORROSIVE LIQUID, N.O.S.	ID NUMBER	PROT. CODE	NET WEIGHT

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

**AIR WASHERS AND RECIRCULATING**

This product may be used only in the industrial air wash eliminating components. AQUCAR® 545 Water Treatment Microbiocide should be added to a water treatment system at application rates described below, to a water treatment system such as the basin area. Addition may be made intermittent systems can be shock treated with AQUCAR® 545. In conditions, blowdown should be discontinued for up to 24 hours.

**INTERMITTENT (SLUG DOSE)**

**Initial Dose:** When the system is noticeably fouled, apply Water Treatment Microbiocide per 1000 gallons of water in the system.  
**Subsequent Dose:** When microbial control is evident, a Water Treatment Microbiocide per 1000 gallons of water in the system.

Badly fouled systems must be cleaned before treatment is initiated.

**CONTINUOUS FEED**

**Initial Dose:** When the system is noticeably fouled, apply Water Treatment Microbiocide per 1000 gallons of water in the system.  
**Subsequent Dose:** Maintain this treatment level by starting AQUCAR® 545 Water Treatment Microbiocide per 1000 gallons of water in the system.

Badly fouled systems must be cleaned before treatment is initiated.

**HEAT TRANSFER**

(Evaporative Condensers, Hydrostatic Sterilizers and Retorts)  
AQUCAR® 545 Water Treatment Microbiocide could be used in the same manner as described above. It should be added to the basin area, sump area, or other reservoir or collecting tank circulated uniformly throughout the system.

**INDUSTRIAL WASTEWATER**

(Wastewater Systems, Wastewater Sludge and Wastewater Treatment Systems)  
AQUCAR® 545 Water Treatment Microbiocide should be added to a convenient point of uniform mixing such as the digester. Apply AQUCAR® 545 Water Treatment Microbiocide per 1000 gallons of wastewater.

**LIMITED WARRANTY AND**

The manufacturer warrants (a) that this product conforms to the description on the label for the purposes set forth in the directions for use when it is used in accordance with the directions, warnings and other statements on this label are based on the effectiveness and of toxicity to laboratory animals. Tests have not been conducted on other species. THE MANUFACTURER NEITHER MAKES NOR INTENDS TO REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES. THE BUYER SHALL BE SOLELY RESPONSIBLE FOR THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SUPPLIER'S LIABILITY FOR DAMAGES, LOSSES, OR INJURIES RESULTING FROM THE USE OF THIS PRODUCT, WHETHER OR NOT SUCH LIABILITY IS BASED ON CONTRACT OR TORT, SHALL BE LIMITED TO THE MANUFACTURER'S OR SUPPLIER'S RETAIL PRICE FOR THE PURCHASE PRICE FOR THE PRODUCT. THE BUYER'S USE OF THIS PRODUCT SHALL BE LIMITED TO THE USE OF THE PRODUCT FOR THE PURPOSES SET FORTH IN THE LABEL. THE BUYER SHALL BE SOLELY RESPONSIBLE FOR THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL.