

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75 767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
10352-49

DATE OF ISSUANCE  
DEC 13 1994

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

AQUCAR 536 Water Treatment  
Microbiocide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Union Carbide Chemicals and Plastics Company Inc.  
P.O. Box 670  
Bound Brook, NJ 08805

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 10352-49".
- b. Delete the phrase "General Classification" from the label.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Walter C. Francis  
Acting Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosures

394  
8

**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. 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**

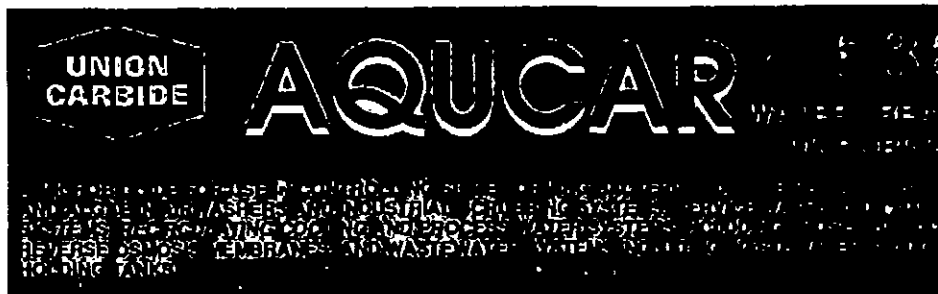
AQUICAR® 536 Water Treatment Microbiocide solutions are incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes 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 ON 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.**



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.  
**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 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-  
AQUICAR is a registered trademark  
of Union Carbide  
Net Contents 55 gallons

EPA Est. No. 10  
UCC-L1432  
Ma

|                       |                          |
|-----------------------|--------------------------|
| 14327<br>PRODUCT CODE | CONTAINER SIZE           |
|                       | 55 GALLONS               |
|                       | 458 POUNDS<br>NET WEIGHT |

EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-852-4352)  
OUTSIDE USA 01-304-744-3487

**BEST AVAILABLE COPY**

ACCEPTED  
WITH COMMENTS  
DEC 1  
Under the Freedom of Information Act, this document is available for review upon request.  
10352

494

**MENTS**  
**ESTIC ANIMALS**

**CHILDREN**  
Harmful if inhaled.  
May cause allergic skin  
reactions in sensitive individuals.

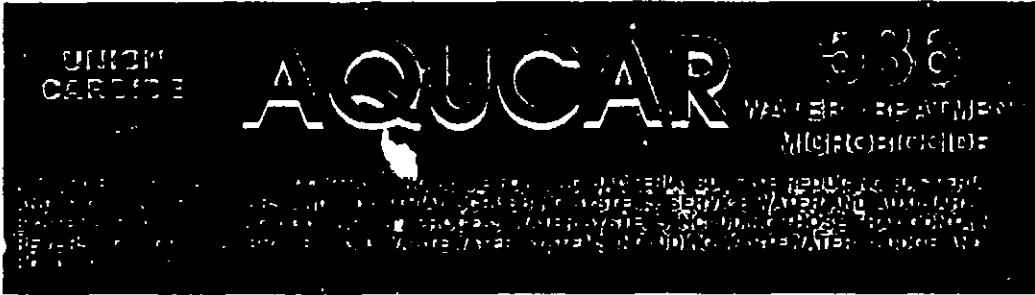
**SDS**  
Do not discharge this product into lakes, streams, ponds, rivers or creeks, or into the ground. It is a violation of Federal law to use this product in a manner inconsistent with the label directions. It is a violation of Federal law to use this product in a manner inconsistent with the label directions. It is a violation of Federal law to use this product in a manner inconsistent with the label directions.

**ING**  
Compatible with many commonly used materials. These solutions can be used on steel, or reinforced epoxy-plastic storage tank in inside or outside service. Exposure to high temperatures of up to 200°F is allowed. Use on mild steel with stainless steel with

**CLAIMER**  
The description on the label; (b) that the label does not authorize any agent or representative of Union Carbide Corporation to make any statement or claim, or to imply or suggest that the product is safe or effective under all conditions. THE COMPANY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AND NO REPRESENTATION OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND THE BUYER SHALL BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN ANY MANNER.

THE COMPANY'S EXCLUSIVE LIABILITY FOR DAMAGES FROM THE USE OR MISUSE OF THIS PRODUCT IS LIMITED TO THE EXTENT OF THE PURCHASE PRICE. NO DAMAGES ARE CLAIMED FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF THIS PRODUCT.

**AND UNDERSTAND**  
**L SAFETY DATA**  
**CT.**



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.  
**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-  
AQUUCAR is a registered trademark  
of Union Carbide  
Net Contents 55 gallons

EPA Est. No. 10352-WV-2  
UCC-L14327 (A08/94)  
Made in USA  
PE0804

|                          |                |
|--------------------------|----------------|
| 14327<br>PRODUCT CODE    | CONTAINER SIZE |
|                          | 65 GALLONS     |
| 458 POUNDS<br>NET WEIGHT |                |

**EMERGENCY CONTACT (24 HOURS PER DAY):** IN USA 1-800-UCC-HELP (1-800-822-4957)  
OUTSIDE USA 01-304-744-3487

ACCEPTED FOR COMMENTS  
with Comment Date: DEC 13 1994  
Under the Toxic Substances Control Act, this pesticide and its ingredients are exempt from the registration requirements of the Act.  
10352-49

**BEST AVAILABLE COPY**

**DIRECTIONS FOR USE**  
**GENERAL CLASSIFICATION**

It is a violation of Federal law to use this product in a manner inconsistent with the label directions.  
**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 the capability of eliminating components.  
AQUUCAR® 536 Water Treatment Microbicide 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 above. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems treated with AQUUCAR® 536 Water Treatment Microbicide. Under these conditions, treatment should be discontinued for up to 24 hours.

AQUUCAR® 536 Water Treatment Microbicide can be used in industrial process water systems which contain ultra filtration units and non-medical reverse osmosis membranes (where appropriate) 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 AQUUCAR® 536 Water Treatment Microbicide (0.1 to 0.5 gallons per 1000 gallons of water) to the system. Re-treatment should be achieved.  
**Subsequent Dose:** When microbial control is evident, add 50 to 250 ppm of AQUUCAR® 536 Water Treatment Microbicide (0.05 to 0.25 gallons per 1000 gallons of water) to the system weekly to maintain control.  
Badly 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 AQUUCAR® 536 Water Treatment Microbicide (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 50 ppm AQUUCAR® 536 Water Treatment Microbicide (0.03 to 0.15 gallons per 1000 gallons of water) per day.  
Badly fouled systems must be cleaned before treatment is begun.

**SERVICE WATER AND AUXILIARY SYSTEMS**

AQUUCAR® 536 Water Treatment Microbicide should be used at the same application rate and in the same manner as described above. It should be added to the system at a point that will allow for mixing throughout the system.

**HEAT TRANSFER SYSTEMS**

(Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Fletch, Pasteurizers and Warmers.)

AQUUCAR® 536 Water Treatment Microbicide should be used at the same application rate 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 is circulated uniformly throughout the system.

**INDUSTRIAL WASTEWATER SYSTEMS**

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)

AQUUCAR® 536 Water Treatment Microbicide should be added to a wastewater system at a convenient point of uniform mixing. Add 500 to 2500 ppm AQUUCAR® 536 Water Treatment Microbicide (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. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray material, or empty containers is a violation of Federal law. If these wastes cannot be disposed of by use according to the label, 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) for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or approved by state and local authorities. Plastic Containers: May be incinerated, or, if approved by state and local authorities, by burning. If burned, stay out of smoke. Metal Containers: Must be incinerated. Do not cut or weld on or near metal containers.