

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# DANGER

KEEP OUT OF REACH OF CHILDREN

Causes eye damage and skin irritation. Avoid breathing vapors. Do not get in eyes, on skin or on clothing. Harmful if absorbed through skin. Wear goggles or face shield and rubber gloves when handling. May be harmful or fatal if swallowed. Avoid contamination of food.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA. Do not contaminate water by cleaning of equipment, or disposal of wastes.

### PHYSICAL PROPERTIES

Specific Gravity at 20/20°C	1.1184	Solubility in Water at 20°C	Complete
Vapor Pressure at 20°C	14.7 mm.Hg	Solubility of Water in at 20°C	Complete
Freezing Point	-17°C	pH at 25°C	3.7 to 4.5

### STORAGE AND HANDLING

UCARCIDE® 345 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, stainless steel, or reinforced epoxy plastic equipment. This product freezes at about -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 a month), temperatures 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. Asbestos is suitable for gaskets and packing.

### STORAGE AND DISPOSAL

- 1. PROHIBITIONS** - Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- 2. PESTICIDE DISPOSAL** - Pesticide, spray mixture, or rinsate that cannot be used or chemically processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- 3. CONTAINER DISPOSAL** - (a) Reseal container and offer for reconditioning, or (b) Triple rinse (or equivalent) and: Offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place.
- 4. GENERAL** - Consult Federal, State, or local disposal authorities for approved alternative procedures.



ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

OCT 25 1982

Under the Federal Insecticide, Fungicide, and Plant-Nutrient Act as amended, for the pesticide registered under EPA Reg. No. 10352-28

In case of contact, immerse before reuse.

If swallowed, drink plenty of water and consult a physician immediately.

**NOTE TO PHYSICIAN**  
convulsion may be noted.

See Side Panel for Additional Information.

**UNION CARBIDE**  
OLD RIDGEBURY ROAD

EPA Reg. No. 10352-28  
UCARCIDE is a registered pesticide.

NET WT. 50 LBS.

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RBIDE

# Ucarcide

# 345

ANTIMICROBIAL

A MICROBIOCIDIC FOR USE IN CONTROLLING BACTERIA, FUNGI AND YEASTS IN AQUEOUS METALWORKING FLUIDS.

ACCEPTED  
COMMENTS  
Letter Dated:

25 1982

Federal Insecticide,  
Fungicide and Rodenticide Act  
Registration No. 10352-28  
EPA Reg. No.

Active Ingredients: Glutaraldehyde.....	45.0%
Inert Ingredient:.....	55.0%
	100.0%

KEEP OUT OF REACH OF CHILDREN.

# DANGER

### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call physician immediately.

**TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and shock may be needed.

See Panel for Additional Precautionary Statements

## UNION CARBIDE CORPORATION • SPECIALTY CHEMICALS AND PLASTICS

ROGEBURY ROAD, DANBURY, CT 06817

EPA Reg. No. 10352-28

UCC is a registered trade mark of Union Carbide Corporation.

EPA Est. No. 10352-WV-2

UCC No.

Made in U.S.A.

WT. 504 LBS. (229.1 Kg.)

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# 345

## ANTIMICROBIAL

### DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

#### AQUEOUS METALWORKING FLUIDS

UCARCIDE Antimicrobial 345 should be added to a metalworking fluid system at a point of uniform mixing, such as the fluid collection tank. Additions may be made intermittently (slug dose) or continuously.

#### INTERMITTENT (SLUG DOSE) METHOD

**Initial Dose:** When the system is noticeably fouled, apply 1.5-4 gal. of UCARCIDE Antimicrobial 345 per 1,000 gal. of metalworking fluid in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 0.2-4 gal. of UCARCIDE Antimicrobial 345 per 1,000 gal. of metalworking fluid to the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

#### CONTINUOUS FEED METHOD:

**Initial Dose:** When the system is noticeably fouled, apply 1.5-4 gal. of UCARCIDE Antimicrobial 345 per 1,000 gal. of metalworking fluid in the system. Repeat until control is achieved.

**Subsequent Dose:** Maintain treatment level by suitably metering a continuous feed of 0.1-1.5 gal. of UCARCIDE Antimicrobial 345 per 1,000 gal. of metalworking fluid in the system, per day. Badly fouled systems must be cleaned before treatment is begun.

and wash contaminated clothing

ities of water. Avoid alcohol. Call

shock, respiratory depression and

## AND PLASTICS

EPA Est. No. 10352-WV-2

UCC No.

Made in U.S.A.

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<p>U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i></p>	<p>EPA REGISTRATION NO. <b>10352-28</b></p> <p>TERM OF ISSUANCE <b>23 OCT 1982</b></p> <p>NAME OF PESTICIDE PRODUCT <b>UCARCIDE Antimicrobial 345</b></p>
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p>Union Carbide Corporation Specialty Chemicals and Plastics Old Ridgesbury Road Danbury, CT 06817</p>	
<p>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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement 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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</li> <li>2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration No. 10352-28."</li> <li>b. The "Hazard to Humans" precautionary statement must be expanded to include "May cause skin sensitization." See our letter dated June 25, 1982, paragraph 2a.</li> <li>c. Under AQUEOUS METAL WORKING FLUIDS, correct the spelling of the product name.</li> <li>d. Correct the ingredient statement as instructed in paragraph 2 of our May 20, 1982 letter.</li> <li>e. In answer to the July 5, 1982 letter last paragraph inquiry, the product represents "new uses" of an old pesticide.</li> </ol> </li> </ol> <p><input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE</p> <p>SIGNATURE OF APPROVING OFFICIAL <i>James H. Bank</i> <i>John H. Lee</i></p> <p>DAYS</p>	

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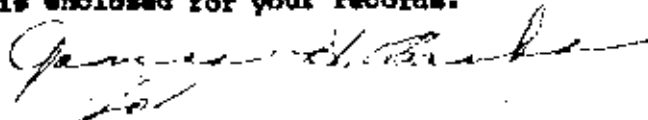
0358-28

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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(a). Your release for shipment of the product constitutes acceptance of these conditions.

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



John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

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