

JUN 21 1990

Union Carbide Corporation  
Speciality Chemicals Division  
P.O. Box 670  
Bound Brook, NJ 08805

Attention: Joan E. Young

Gentleman:

Subject: Amended Application Dated: 11/29/88

|   |          |
|---|----------|
| UCARCIDE® 125 Antimicrobial                       | 10325-14 |
| UCARSAN® 420 Sanitizer                            | 10325-18 |
| UCARCIDE® 225 Antimicrobial                       | 10325-20 |
| UCARCIDE® 250 Antimicrobial                       | 10325-21 |
| AQUCAR® 545 Water Treatment Microbiocide          | 10325-22 |
| AQUCAR® 515 Water Treatment Microbiocide          | 10325-23 |
| UCARCIDE® 150 Antimicrobial                       | 10325-24 |
| UCARCIDE® 145LT Antimicrobial                     | 10325-25 |
| UCARSAN® 4128 Sanitizer                           | 10325-26 |
| UCONEX® 315 Antimicrobial                         | 10325-27 |
| UCONEX® 345 Antimicrobial                         | 10325-28 |
| UCARCIDE® 602 Sterilizing & Disinfecting Solution | 10325-29 |
| UCARCIDE® 114 Antimicrobial                       | 10325-30 |
| AQUCAR® 514 Water Treatment Microbiocide          | 10325-31 |
| UCARCIDE® 142 Antimicrobial                       | 10325-32 |
| AQUCAR® 542 Water Treatment Microbiocide          | 10325-33 |
| UCARCIDE® 750 Antimicrobial                       | 10325-35 |
| PIROR® 850 Slimicide                              | 10325-37 |
| UCARCIDE® 250 Preservative                        | 10325-38 |
| UCARCIDE® 225 Preservative                        | 10325-39 |
| AQUCAR® 504 Water Treatment Microbiocide          | 10325-40 |

54101:I:Leavy:L-2;KENC0:06/07/90:07/07/90:ka:sw:vo:dd:ka

POST APPROVED

The amendment referred to above, submitted in connection with registration under FIFRA to make changes in the precautionary statements, is acceptable provided that you:

1. Make the following labeling listed below before you release the product for shipment bearing the amended labeling:

a. In lieu of supporting data delete the following statement: "Harmful if inhaled".

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-557-3966.

Sincerely yours,

John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

BEST AVAILABLE COPY

**BEST AVAILABLE**

See MSDS for exposure limits of components.

Corrosive Causes irreversible eye damage. Causes skin irritation. 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.

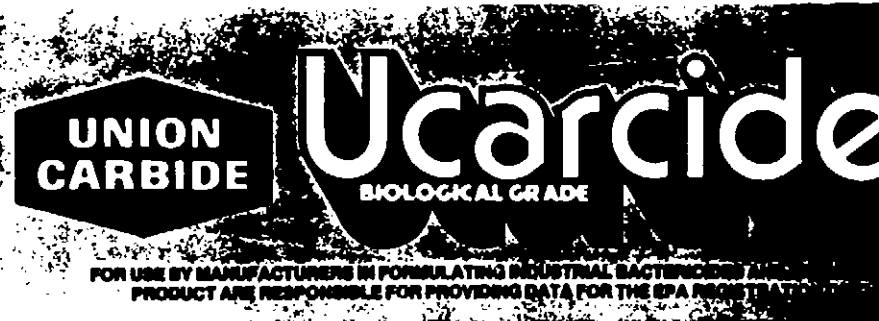
This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems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

UCARCIDE® 225 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 -10°C (14°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 teflon is suitable for gaskets and packing.

**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.



Active Ingredient: Glutaraldehyde ..... 25.0  
Inert Ingredients: ..... 75.0  
100.0

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
FIRST AID: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get 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 symptomatic, get medical attention. IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. See a physician. Note to Physician: Aspiration may cause lung damage. Probable mucosal damage. Gastric lavage.

**UNION CARBIDE CORPORATION SPECIALTY CHEMICALS**

Danbury CT 06817 • Offices in Principal Cities  
EPA Reg. No. 10352-20  
UCARCIDE is a registered trademark of Union Carbide Corporation

|              |                              |
|--------------|------------------------------|
| 90223        | CONTAINER SIZE<br>55 GALLONS |
| PRODUCT CODE | 486 POUNDS<br>NET WEIGHT     |

**IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER DAY)**

3 of 4

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**BEST AVAILABLE COPY**

AGREEMENT  
with CONSUMERS  
in EPA Labeling Act

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

JUN 21 1980

# Ucarbide 225

**UNION  
CARBIDE**

BIOLOGICAL GRADE

ANTIMICROBIAL

FOR USE AS A DISINFECTANT AND PRESERVATIVE. FORMULATORS USING THIS  
PRODUCT MUST REGISTER WITH THE EPA FOR THE REGISTRATION OF THEIR FORMULATED PRODUCTS.

10352-20

Active Ingredient: Glutaraldehyde ..... 25.0%  
Inert Ingredients: ..... 75.0%  
100.0%

|                             |            |                                |            |
|-----------------------------|------------|--------------------------------|------------|
| Specific Gravity at 20/20°C | 1.066      | Solubility in Water at 20°C    | Complete   |
| Vapor Pressure at 20°C      | 16.4 mm Hg | Solubility of Water in at 20°C | Complete   |
| Freezing Point              | -10°C      | pH at 25°C                     | 3.1 to 4.5 |

KEEP OUT OF REACH OF CHILDREN

## DANGER

STATEMENT OF PRACTICAL INFORMATION

**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.

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, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A 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.**

**UNION CARBIDE CORPORATION**

Danbury CT 06817 • Offices in Principal Cities  
EPA Reg. No. 10352-20  
UCARCIDE is a registered trademark  
of Union Carbide Corporation

EPA Est. No. 10352-WV-2  
UCC-L 90223 (10/88)  
Made in U.S.A.

|              |                |
|--------------|----------------|
| 90223        | CONTAINER SIZE |
| PRODUCT CODE | 55 GALLONS     |
|              | 486 POUNDS     |
|              | NET WEIGHT     |

**IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER DAY) IN USA 1-800-UCC-HELP.**