

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
AOUCAR® 545 Water Treatment Microbiocide	10325-22
AOUCAR® 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
AOUCAR® 514 Water Treatment Microbiocide	10325-31
UCARCIDE® 142 Antimicrobial	10325-32
AOUCAR® 542 Water Treatment Microbicide	10325-33
UCARCIDE® 750 Antimicrobial	10325-36
PIROR® 850 Slimicide	10325-37
UCARCIDE® 250 Preservative	10325-38
UCARCIDE® 225 Preservative	10325-39
AOUCAR® 504 Water Treatment Microbicide	10325-40

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

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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 (R7505C)

BEST AVAILABLE COPY

(324)
See MSDS for exposure limits of components.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS**

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 HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product 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.

STORAGE AND HANDLING

UCARCIDE 750 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 -21°C (-6°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.

STORAGE AND DISPOSAL

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 residue 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 re-generated.

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UNION
CARBIDE

Ucarcide

Active Ingredient: Glutaraldehyde
Inert Ingredients:

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**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

10352-35
IF IN EYES: Immediately flush with plenty of water for at least 15 minutes.
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 SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to eat or drink.
Note to Physician: Aspiration may cause lung damage. Probable mucous gastric lavage.

UNION CARBIDE CORPORATION • SPECIAL

Danbury, CT 06817 • Offices in Principal Cities
EPA Reg. No. 10352-35
UCARCIDE is a registered trademark
of Union Carbide Corporation
Net Wt. 500 lb. (227 kg)

DOT SHIPPING NAME	CORROSIVE LIQUID, N.O.S. GLUTARALDEHYDE SOLUTION	UN ID
DOT SHIPPING NAME	CORROSIVE LIQUID, N.O.S. GLUTARALDEHYDE SOLUTION	UN

IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER)

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DIRECTIONS FOR USE

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

UCARCIDE® 750 Antimicrobial contains USP grade glutaraldehyde (glutaral USP), which may be used to control the growth of microorganisms which contaminate various systems used in production of paper and paper products. UCARCIDE® 750 Antimicrobial should be added at a point of uniform mixing.

Use from 0.001 : to 0.0066 gallons (0.14 to 0.82 fluid ounces) of Ucarcide® 750 Antimicrobial per 100 pounds of dry powder, to produce a concentration of from 100 to 500 ppm (parts per million) of USP grade glutaraldehyde (based on slurry solids) in the mixed slurry.

PHYSICAL PROPERTIES

Specific Gravity at 20/20°C	1.131	Solubility in Water at 20°C	Complete
Vapor Pressure at 20°C	15 mm. Hg	Solubility of Water in at 20°	Complete
Freezing Point	-21°C	pH at 25°C	3.1 to 4.5

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 direction of 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 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.

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