

pm31

10352-33

103

JUN 21 1990

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

Attention: Joan E. Young

Gentlemen:

Subject: Amended Application Dated: 11/29/88

UCAPCIDE® 125 Antimicrobial	10325-14
UCARSAN® 420 Sanitizer	10325-18
UCAPCIDE® 225 Antimicrobial	10325-20
UCARCIDE® 250 Antimicrobial	10325-21
AQUCAP® 545 Water Treatment Microbiocide	10325-22
AQUCAP® 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
AQUCAP® 514 Water Treatment Microbiocide	10325-31
UCARCIDE® 142 Antimicrobial	10325-32
AQUCAP® 542 Water Treatment Microbiocide	10325-33
UCARCIDE® 750 Antimicrobial	10325-35
PIVOR® 850 Bifluoride	10325-37
UCARCIDE® 250 Preservative	10325-38
UCARCIDE® 225 Preservative	10325-39
AQUCAP® 504 Water Treatment Microbiocide	10325-40

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54101:1:Leavy:L-2,KEMCO:06/07/90:07/07/90:kasew:vo:dd:ka

2 of 3

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)

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See MSDS for exposure limits of components.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive Causes irreversible eye damage Causes skin burns. May be fatal if swallowed or absorbed through the skin. Harmful if inhaled. May cause skin sensitization.

Do not get in eyes, on skin or on clothing.
Avoid breathing vapor. Do not swallow.

Wear goggles, protective clothing and rubber gloves.
Avoid breathing vapors. 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.

PHYSICAL PROPERTIES

Specific Gravity at 20/20°C	1.03	Solubility in Water at 20°C	Complete
Vapor Pressure at 20°C	15 mm Hg	Solubility of Water in at 20°C	Complete
Freezing Point	14°C	pH at 25°C	3.1 to 4.5

STORAGE AND HANDLING

AQUICAR® 542 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 beaded phenolic lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 14°C (57°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 tetlon 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 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, as allowed by state and local authorities. If burned, stay out of smoke. Metal Containers must not be incinerated.

UNION
CARBIDE

Aquicar

with COMMENTS
in EPA Letter D-100

JUN 21 1990

Active Ingredients:

Glutaraldehyde	42.5%
Alkyl (C14 50%, C12 40%, C16 10%)	7.5%
dimethyl benzyl ammonium chloride	50.0%
Inert Ingredients	100%

KEEP OUT OF REACH OF CHILDREN

DANGER

OF PHRAC

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, get medical attention.
IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical attention.
NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may occur. Gastric lavage.

UNION CARBIDE CORPORATION • SPECIALTY CHEMICALS

Danbury, CT 06817 • Offices in Principle Cities
EPA Reg. No. 10352-33

AQUICAR® is a registered trademark of Union Carbide Corporation
Net Wt. 505 lb (229 kg)

DOT SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (GLUTARALDEHYDE SOLUTION)	UN 1760 ID NUMBER	14350	C
IMO SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (GLUTARALDEHYDE SOLUTION)	1760 UN NUMBER	PRODUCT CODE	

IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER DAY) IN USA 1