

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

MAY 8 1995

Attention: Joan E. Young

Subject: UCONEX 345 Antimicrobial
EPA Registration Number 10352-28
Your Submission Date January 3, 1994
EPA Received Date January 13, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to amend the Hazard Warnings Statement, is acceptable provided that you make the following labeling revisions:

The heading "Hazards to Humans and Domestic Animals" is acceptable.

Revise the statement "May cause allergic skin reaction" to read "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

The addition of the statement "Cause asthma signs and symptoms in hyper-reactive individuals" to the product labeling is acceptable.

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-305-6966.

Sincerely yours,



Marion J. Johnson
Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns. 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

UCONEX® 345 Antimicrobial 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 1° F (-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 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C).

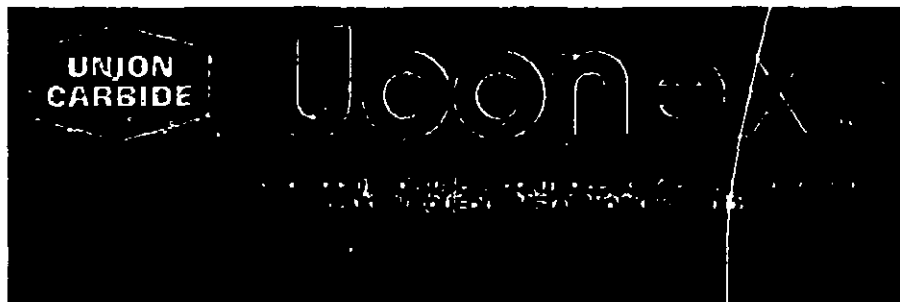
A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

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 the 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 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.

**BEFORE HANDLING OR USING, READ AND UNDERSTAND
CURRENT UNION CARBIDE MATERIAL SAFETY DATA
SHEET FOR THIS PRODUCT.**



Active Ingredient: Glutaraldehyde 45.0%

Inert Ingredients: 55.0%
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, get medical attention.

IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical attention immediately.

NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may occur. 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. 10352-28

UCONEX® is a registered trademark

of Union Carbide

Net Contents 55 gallons

EPA Est. No. 10-0000000

UCC-L90270 (1-1-80)

Made In USA

PE1293

90270 PRODUCT CODE	CONTAINER SIZE	SHIPPING NAME	CORROSIVE LIQUID N.O.S. (CONTAINS GLUTARALDEHYDE)	
	55 GALLONS		HAZARD CLASS	PG II
	NET WEIGHT	8	ID NUMBER UN 1760	

**EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-822-4357)
OUTSIDE USA 01-304-744-3400**

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DIRECTIONS FOR USE
GENERAL CLASSIFICATION

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

AQUEOUS METALWORKING FLUIDS

UCONEX[®] 345 Antimicrobial should be added to a metalworking fluid system at a pre-mixing such as the fluid collection tank. Additions may be made intermittently (SLUG intervals of one week or less).

Initial Treatment: When the system is noticeably fouled apply 2 to 6 gallons of UCON Antimicrobial per 10,000 gallons of metal working fluid to the system. Repeat until control achieved.

Subsequent Dose: When microbial control is evident, add 0.8 to 4 gallons of UCON Antimicrobial per 10,000 gallons of metalworking fluid to the system weekly, or as ne control. Badly fouled systems should be cleaned before treatment is begun.



Active Ingredient: Glutaraldehyde 45.0%
Inert Ingredients: 55.0%
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. 10352-28
UCONEX[®] is a registered trademark of Union Carbide
Net Contents 55 gallons

EPA Est. No. 10352-WV-2
UCC-L90270 (D 12/93)
Made In USA
PE1293

90270 PRODUCT CODE	CONTAINER SIZE	SHIPPING NAME	CORROSIVE LIQUID, N O S (CONTAINS GLUTARALDEHYDE)	
	55 GALLONS		HAZARD CLASS	PG II
	504 POUNDS NET WEIGHT	8	UN 1760	

**EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-822-4357)
OUTSIDE USA 01-304-744-3487**

RECEIVED
MAY 8 1995
10352-28

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 mix, or empty containers is prohibited. If these wastes cannot be disposed of by use according to label directions, 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) and offer 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.

MENTS
ESTIC ANIMALS

CHILDREN
Harmful if inhaled. May cause allergic skin reaction. Avoid contact with eyes.

RDS
Do not discharge into lakes, streams, ponds, or other waters of a National Pollutant Discharge Elimination System. If you have been notified in writing by your State Water Board or other authority, do not discharge into these waters without previously obtaining a permit.

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This product is made of highly flammable materials. Do not use near open flames or sparks. Store in a cool, dry place. Do not store in a confined space. Do not use in a confined space. Do not use in a confined space. Do not use in a confined space.

AIMER
The description on the label, (b) that describes the conditions for use when it is used in accordance with the other statements on this label, and of its effectiveness and of toxicity to humans or other animals under all conditions. THE BUYER AUTHORIZES ANY AGENT OR REPRESENTATIVE OF THE BUYER TO MAKE ANY STATEMENTS OR IMPLICATIONS OF MERCHANTABILITY OF THIS PRODUCT, AND THE BUYER SHALL BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN ANY MANNER.

THE EXCLUSIVE LIABILITY FOR DAMAGES FROM THE USE OR NON-USE OF THIS PRODUCT IS BASED IN CONTRACT, TORT OR OTHERWISE, SHALL BE LIMITED, AT THE OPTION OF THE PURCHASER, TO THE PURCHASE PRICE OF THIS PRODUCT. DAMAGES ARE CLAIMED FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF THIS PRODUCT.

DO NOT UNDERSTAND
- SAFETY DATA
CT.