

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Union Carbide Corporation
P. O. Box 670
Bound Brook, New Jersey 08806

MAR 13 1995

Attention: Joan E. Young,
Regulatory Affairs Manager

Subject: UCONEX 315 Antimicrobial
EPA Registration Number 10352-27
Your Submission Dated January 3, 1994
EPA Received Date 1/13, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to obtain approval for 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 "Causes asthmatic 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,



Walter C. Francis
Acting Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

273

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin irritation.
 Harmful if inhaled. Harmful if swallowed. 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® 315 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 20°F (-6.5°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 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, 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 the 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 15.0%
 Inert Ingredients: 85.0%
 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: 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 contraindicate 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 10352-27
 UCONEX® is a registered trademark of Union Carbide
 Net Contents 30 or 55 gallons

EPA Est. No. UCC-L90

90271 PRODUCT CODE	CONTAINER SIZE	CONTAINER SIZE
	30 GALLONS	55 GALLONS
	NET WEIGHT	NET WEIGHT
	260 POUNDS	470 POUNDS

EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-852-3243) OUTSIDE USA 01-304-744-3488

BEST COPY AVAILABLE

Under U.S. Federal Law, this document is registered.

103

3
39

MENTS
ESTIC ANIMALS

CHILDREN
ation.
in reaction.
duals.

RDS
oduct into lakes, streams, ponds,
ents of a National Pollutant
ity has been notified in writing
wer systems without previously
t your State Water Board or

NG
ronly used materials of
se solutions can be stored and
nforced epoxy-plastic equipment
e tank is inside or underground.
o high temperatures should be
up to 100°F (37.8°C) can be
26.7°C).
at wound stainless steel with

AIMER
description on the label, (b) that
ons for use when it is used in
d other statements on this label
ffectiveness and of toxicity to
tes or under all conditions. THE
AUTHORIZE ANY AGENT OR
ESSED OR IMPLIED, AND IT
TIES OF MERCHANTABILITY
tend to, and the Buyer shall be
the use of this product in any
ns

**IS EXCLUSIVE LIABILITY FOR
ULTING FROM THE USE OR
TY IS BASED IN CONTRACT,
HALL BE LIMITED, AT THE
AYMENT OF THE PURCHASE
CH DAMAGES ARE CLAIMED
OR SPECIAL, INDIRECT OR
KING OF THIS PRODUCT.**

**ND UNDERSTAND
L SAFETY DATA
CT.**



Active Ingredient: Glutaraldehyde 15.0%
Inert Ingredients: 85.0%
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: 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.

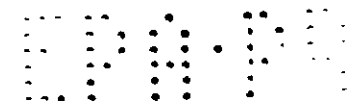
**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
UNION CARBIDE CORPORATION**

39 Old Ridgebury Road • Danbury, CT 06817-0001
EPA Reg No 10352-27
UCONEX® is a registered trademark
of Union Carbide
Net Contents 30 or 55 gallons

EPA Est No 10352-WV-2
UCC L90271 (E 01/94)
Made In USA
PE0194

90271 PRODUCT CODE	CONTAINER SIZE	CONTAINER SIZE
	30 GALLONS	55 GALLONS
260 POUNDS NET WEIGHT	470 POUNDS NET WEIGHT	

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



**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

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

HEAT TRANSFER SYSTEMS

(Cooling Towers, Evaporative Condensers, Air Washers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, Pasteurizers and Warmers, and Recirculating and Once Through Cooling Water Systems)

UCONEX® 315 Antimicrobial should be added to the system at a point of uniform mixing, such as a sump or collection basin. Either an Intermittent (SLUG DOSE) or continuous feed may be used. Use higher feed rates for fouled systems and lower rates for clean systems.

Intermittent (SLUG DOSE) Feed: Add 17 to 82 fluid ounces (20 to 100 ppm active) of UCONEX® 315 Antimicrobial per 1000 gallons of water in the system once or twice a week or as needed to maintain control.

Continuous Feed Method: Initially slug feed 17 to 82 fluid ounces (20 to 100 ppm active) of UCONEX® 315 Antimicrobial per 1000 gallons of water in the system. Then continuously feed UCONEX® 315 Antimicrobial to the system to maintain a 20 to 100 ppm level of active in process waters

WATER BASED CONVEYOR LUBRICANTS

(Brewery, Juice, Dairy, Beverage, and Food Processing Systems)

Thoroughly clean all tracks and conveyors to remove gross soil. Rinse well. Use an automatic feed system as recommended by our UCC representative to provide 4.1 to 24.6 fluid ounces (50 to 300 ppm active) of UCONEX® 315 Antimicrobial per 100 gallons of diluted lubricant

AQUEOUS METALWORKING FLUIDS

UCONEX® 315 Antimicrobial 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) at intervals of one week or less.

Initial Dose: When the system is noticeably fouled apply 8.2 to 24.6 fluid ounces (100 to 300 ppm active) of UCONEX® 315 Antimicrobial per 100 gallons of metalworking fluid to the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 3.4 to 16.4 fluid ounces (40 to 200 ppm active) of UCONEX® 315 Antimicrobial per 100 gallons of metalworking fluid to the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

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. Plastic Containers: May be incinerated, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal Containers: Must not be incinerated. Do not cut or weld on or near metal containers.

ACCEPTED
with COMMENTS
in EPA Form 1600-1
11/13/95

Under the Federal Insecticide,
Fungicide, and Rodenticide
Act, this pesticide is
registered under EPA Reg. No.
10352-27