

Reg # 10352-43

(PM-31)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

193

MAR 13 1995

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

Attention: Joan E. Young,  
Regulatory Affairs Manager

Subject: UCARCIDE 115 Antimicrobial  
EPA Registration Number 10352-43  
Your Submission Dated February 25, 1994  
EPA Received Date February 8, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to obtain approval of the Hazards 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)

193

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

293

**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. May cause allergic skin reaction. Harmful if swallowed. 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**

UCARCIDE® 115 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 -8.5°C (20.3°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 (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 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.**

**UNION CARBIDE**

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 contribute to 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. 10352-43  
UCARCIDE is a registered trademark of Union Carbide  
Net Contents 55 gallons

EPA Est. No. UCC-L90

ACCEPTED with COMMENTS  
In EPA Letter Dated: MAR 13 1995

90219 PRODUCT CODE	CONTAINER SIZE
	55 GALLONS
	478 POUNDS NET WEIGHT

**EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (7-4352) OUTSIDE USA 913-01-741-348**

Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Federal Food, Drug, and Cosmetic Act (FDCA), this product is registered with the EPA. The registration number is 10352-43.

10352-43

2

393

MENTS  
ESTIC ANIMALS

CHILDREN

ion. Harmful if inhaled.

uals.

RDS

duct into lakes, streams, ponds,  
ents of a National Pollutant  
y has been notified in writing  
er systems without previously  
your State Water Board or

IG

monly used materials of  
olutions can be stored and  
forced epoxy-plastic equipment.  
ge tank is inside or  
l. exposure to high temperatures  
atures of up to 100°F (37.8°C)  
0°F (26.7°C).  
ground stainless steel with

AIMER

Description on the label; (b) that  
he for use when it is used in  
Other statements on this label  
effectiveness and of toxicity to  
es or under all conditions. THE  
AUTHORIZE ANY AGENT OR  
SSED OR IMPLIED, AND IT  
IES OF MERCHANTABILITY  
tend to, and the Buyer shall be  
the use of this product in any

IS EXCLUSIVE LIABILITY FOR  
LTING FROM THE USE OR  
Y IS BASED IN CONTRACT,  
ALL BE LIMITED, AT THE  
YMENT OF THE PURCHASE  
H DAMAGES ARE CLAIMED.  
OR SPECIAL, INDIRECT OR  
ING OF THIS PRODUCT.

ND UNDERSTAND  
SAFETY DATA

CT.

W



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. 10352-43  
UCARCIDE is a registered trademark  
of Union Carbide  
Net Contents 55 gallons

EPA Est. No. 10352-WV-2  
UCC-L90219 (E 02/94)  
Made in USA  
PE0294

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

MAR 13 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
EPA Reg. No. 10352-43  
UNION CARBIDE CORPORATION  
DANBURY, CT 06817-0001  
10352-43

90219	CONTAINER SIZE
PRODUCT CODE	55 GALLONS
	475 POUNDS
	NET WEIGHT

EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-822-4357)

## DIRECTIONS FOR USE

### GENERAL CLASSIFICATION

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

### WATER FLOODS

UCARCIDE® 115 Antimicrobial should be added to a water flood system at a

**Initial Treatment:** When the system is noticeably contaminated, add 330 to 1115 Antimicrobial to the system (0.3 to 16.7 gallons UCARCIDE® 115 Antimicrobial per 1000 gallons of water). Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 70 to 16670 ppm UCARCIDE® 115 Antimicrobial (0.07 to 16.7 gallons UCARCIDE® 115 Antimicrobial per 1000 gallons of water) to the system weekly, or as needed to maintain control.

### DRILLING, COMPLETION, AND WORKOVER FLUIDS

UCARCIDE® 115 Antimicrobial should be added to a drilling fluid system at a concentration such as the circulating mud tank.

**Initial Treatment:** Add 170 to 3330 ppm UCARCIDE® 115 Antimicrobial (0.7 to 16.7 gallons UCARCIDE® 115 Antimicrobial per 100 barrels of fluid) to a freshly prepared system of contamination.

**Maintenance Dosage:** Maintain a concentration of 170 to 3330 ppm UCARCIDE® 115 Antimicrobial by adding 0.7 to 19.3 gallons of UCARCIDE® 115 Antimicrobial per 100 barrels of fluid, as needed, depending on the severity of contamination.

### PACKER FLUIDS

UCARCIDE® 115 Antimicrobial should be added to a packer fluid at a point of injection (such as a circulating holding tank. Add 170 to 2000 ppm UCARCIDE® 115 Antimicrobial (0.7 to 19.3 gallons UCARCIDE® 115 Antimicrobial per 100 barrels of fluid) to a freshly prepared system on the severity of contamination. Seal the treated packer fluid in the well before production begins.

### GAS PRODUCTION AND TRANSMISSION PIPELINES

UCARCIDE® 115 Antimicrobial should be added to a gas production or transmission pipeline. The application should be conducted to ensure maximum distribution of UCARCIDE® 115 Antimicrobial through the entire internal surface of the pipeline. Upon application, it may be desirable to dilute the UCARCIDE® 115 Antimicrobial with a solvent immediately before use. Injections to the system should be weekly, or as needed to maintain control.

### GAS STORAGE WELLS AND SYSTEMS

Individual injection wells should be treated with a sufficient quantity of UCARCIDE® 115 Antimicrobial to produce a concentration of 1670 to 16670 ppm UCARCIDE® 115 Antimicrobial diluted by the water present in the formation. Injection should take place before production begins (during the summer). Injections should be repeated yearly, or as needed to maintain control.

Individual drips should be treated with a sufficient quantity of UCARCIDE® 115 Antimicrobial to produce a concentration of 670 to 6670 ppm UCARCIDE® 115 Antimicrobial diluted by the water present in the drip. Injections should be repeated yearly, or as needed to maintain control.

### HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 330 to 1330 ppm UCARCIDE® 115 Antimicrobial (0.3 to 13.3 gallons UCARCIDE® 115 Antimicrobial per 1000 gallons of water). The use of UCARCIDE® 115 Antimicrobial will improve water quality and length of time the equipment will remain idle.

### PIPELINE PIGGING AND SCRAPING OPERATION

Add UCARCIDE® 115 Antimicrobial to a slug of water immediately following the pigging operation. Sufficient UCARCIDE® 115 Antimicrobial should be added to produce a concentration of 670 to 6670 ppm UCARCIDE® 115 Antimicrobial per 100 gallons of water, depending on the pipeline and the severity of blockout.

## 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 container is a violation of Federal law. 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 offer for recycling or reconditioning, or purchase and dispose of in a sanitary land fill approved by state and local authorities. Plastic Containers: May be incinerated and local authorities, by burning. If burned, stay out of smoke. Metal Containers: Incinerated. Do not cut or weld on or near metal containers.