

18 FEB 1986

Union Carbide Corporation
Specialty Chemicals Division
Old Ridgebury Road
Danbury, CT 06817

Attention: Bill Scott

Gentlemen:

Subject: UCARCIDE 125 Antimicrobial
EPA Registration No. 10352-14
Your Amendment Application Dated November 12, 1985

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Revise the Environmental Hazards statement to read as follows:

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient 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.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

86150;Lee:CBI-12;KENCO:2/7/86;2/19/86;TAR:LF

CONCURRENCES

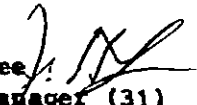
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

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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.

Sincerely yours,


John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive - Causes irreversible eye damage. Causes skin burns. May cause skin sensitization. Harmful if swallowed.

Do not get in eyes, on skin or on clothing. 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 apply in marine and/or estuarine oil fields. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your regional office of the EPA. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL PROPERTIES

Specific Gravity at 20/20 C.	1.066	Solubility in Water at 20 C.	Complete
Vapor Pressure at 20 C.	16.4 mm. Hg	Solubility of Water in at 20 C.	Complete
Freezing Point	-10°C	pH at 25 C.	3.1 to 4.5

STORAGE AND HANDLING

UCARCIDE® 125 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 -10°C (14°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. Asbestos is suitable for gaskets and packing.

STORAGE AND 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. 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.



A MICROBIOLOGICAL
OIL FIELD FLOCCULANT
FLOOD WATER

If in eyes:
If on skin:
If swallowed:

UNION CARBIDE
Danbury, CT 06811
EPA Reg. No. 103-103-01
UCARCIDE is a registered pesticide

NET WT. 22

DIRECTIONS FOR USE

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

WATER FLOODS

UCARCIDE[®] Antimicrobial 125 should be added to a water flood system at a point of uniform mixing such as the area of addition of make up water to the holding tank.

Initial Treatment: When the system is noticeably contaminated, add 200-400 ppm UCARCIDE[®] Antimicrobial 125 (0.19-0.38 gal. UCARCIDE[®] 125/1000 gal. flood water). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 40-200 ppm UCARCIDE[®] 125 (0.038-0.19 gal. UCARCIDE[®] 125/1000 gal. flood water) weekly, or as needed to maintain control.

DRILLING MUDS

UCARCIDE[®] Antimicrobial 125 should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 100-2000 ppm UCARCIDE[®] Antimicrobial 125 (0.4-7.9 gal. UCARCIDE[®] 125/100 barrels of fluid) to a freshly prepared drilling fluid depending on the severity of contamination.

Maintenance Dosage: As the total volume of the system increases due to increased well depths, maintain 100-2000 ppm UCARCIDE 125 level by adding 0.4-7.9 gal. of UCARCIDE[®] 125/100 barrels of additional fluid, or as needed, depending on the severity of contamination.

COMPLETION AND WORKOVER FLUIDS

UCARCIDE[®] Antimicrobial 125 should be added to a completion and workover fluid at a point of uniform mixing such as a circulating tank. Add 100-2000 ppm UCARCIDE[®] Antimicrobial 125 (0.4-7.9 gal. UCARCIDE[®] 125/100 barrels of fluid) to freshly prepared fluid depending on the severity of contamination. Circulate the workover fluid system until the fluid returns clear, shut the system down and idle for several hours. Remove the workover fluid. The well should be ready for productive use.

PACKER FLUIDS

UCARCIDE[®] Antimicrobial 125 should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 100-1200 ppm UCARCIDE[®] Antimicrobial 125 (0.4-8 gal. UCARCIDE[®] 125/100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the well between the casing and production tube.

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, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A 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.



...FATE-REDUCING BACTERIA AND SLIME-FORMING BACTERIA IN OIL WELL DRILLING
...IL FIELD WATER SYSTEMS; SUCH AS, STEAM-INJECTION WATER HOLDING TANKS,
...Y WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, AND RELATED REFINERY
... INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS.

...nt: Glutaraldehyde 25.0%
...s: 75.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

...EMENT OF PRACTICAL TREATMENT

...nty of water for at least 15 minutes. Get immediate medical attention.

...and water. Get medical attention.

...ING.
...ses of water; seek medical advice with urgency.

If breathing is difficult, administer oxygen.
...call a physician.

...ole mucosal damage may contraindicate the use of gastric lavage.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 18 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

10352-14

ATION • SPECIALTY CHEMICALS DIVISION

Corporation.

EPA Est. No. 10352-WV-2
UCC No. 4096-1C
Made in U.S.A.