

Reg. # 10352-25 PM 31 1 of 1

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**DANGER**

**KEEP OUT OF REACH OF CHILDREN**

Corrosive - Causes irreversible eye damage. Causes 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. Flammable: Keep away from sparks, heat, and open flame.

**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 .....	1.095	Solubility in Water at 20°C .....	Complete
Vapor Pressure at 20°C .....	28 mm Hg	Solubility of Water in at 20°C .....	Complete
Freezing Point .....	-29°C	pH at 25°C .....	3.1 to 4.5

**STORAGE AND HANDLING**

UCARCIDE<sup>®</sup> 125 LT 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 -29°C (-20°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.



**Ucarcide<sup>®</sup>**

A low freeze point

MICROBIOCIDAL FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA AND SLIME-FOF OIL FIELD PROCESSING APPLICATIONS, AND OIL FIELD WATER SYSTEMS; SUCH AS, STEAM FLOOD WATER, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER H AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HAN

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Active Ingredient: Glutaraldehyde.....  
Inert Ingredients: .....

FEB 13 1986

Under the Fungicide, Insecticide, and Molluscicide Act as amended, this pesticide registered under EPA Reg. No. 10352-25

KEEP OUT OF REACH OF CHILDREN

**DANGER**

STATEMENT OF PRACTICAL TREAT

- If in eyes: Immediately flush with plenty of water for at least 15 minutes
- If on skin: Wash with plenty of soap and water. Get medical attention.
- If swallowed: DO NOT INDUCE VOMITING. Give at least two glasses of water; seek medical attention.
- If inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

Note to Physician: Probable mucosal damage may contraindicate

**UNION CARBIDE CORPORATION • SPECIALTY**

Danbury, CT 06817 • Offices in Principal Cities  
EPA Reg. No. 10352-25  
UCARCIDE is a registered trade mark  
of Union Carbide Corporation

DOT SHIPPING NAME	Flammable Liquid, NOS (Acetone mixture)
-------------------	--

NET WT. 224 kg (494 lb)



# Ucarcide® 145LT ANTIMICROBIAL

A low freeze point

MICROBIOCIDAL FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA AND SLIME-FORMING BACTERIA IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, AND OIL FIELD WATER SYSTEMS; SUCH AS, STEAM-INJECTION WATER HOLDING TANKS, FLOOD WATER, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, AND RELATED REFINERY AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Active Ingredient: Glutaraldehyde.....	45.0%
Inert Ingredients: .....	55.0%
	100.0%

FEB 13 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide registered under EPA Reg. No. 10352-25

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 swallowed: **DO NOT INDUCE VOMITING.** Give at least two glasses of water; seek medical advice with urgency.
- If inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

### UNION CARBIDE CORPORATION • SPECIALTY CHEMICALS DIVISION

Hartford, CT 06187 • Offices in Principal Cities  
Reg. No. 10352-25  
UCARCIDE is a registered trade mark  
of Union Carbide Corporation

DOT SHIPPING NAME	Flammable Liquid, NOS (Acetone mixture)	UN 1993 I.D. Number
-------------------------	--	------------------------

EPA Est. No. 10352-WV-2  
UCC No. 4177-1A  
Made In U.S.A

NET WT. 224 kg (494 lb)

PC-55997

### DIRECTIONS FOR

is a violation of Federal law to use this product in a manner

#### WATER FLOODS

UCARCIDE® Antimicrobial 145 LT should be added to a water flood system at addition of make up water to the holding tank.  
**Initial Treatment:** When the system is noticeably contaminated, add 110 (0.10-0.21 gal. UCARCIDE® 145 LT/1000 gal. flood water). Repeat until control.  
**Subsequent Dose:** When microbial control is evident, add 22-110 ppm UCARCIDE® 145 LT/1000 gal. flood water) weekly, or as needed to maintain control.

#### DRILLING MUDS

UCARCIDE® Antimicrobial 145 LT should be added to a drilling fluid system at a mud tank.  
**Initial Treatment:** Add 55-1100 ppm UCARCIDE® Antimicrobial 145 LT (0.21-4 to a freshly prepared drilling fluid depending on the severity of contamination.  
**Maintenance Dosage:** As the total volume of the system increases due to UCARCIDE® 145 LT level by adding 0.21-4.3 gal. of UCARCIDE® 145 LT/100 bar on the severity of contamination.

#### COMPLETION AND WORKOVER

UCARCIDE® Antimicrobial 145 LT should be added to a completion and workover circulating tank. Add 55-1100 ppm UCARCIDE® Antimicrobial 145 LT (0.21-4.3 freshly prepared fluid depending on the severity of contamination. Circulate clear, shut the system down and idle for several hours. Remove the workover fluid.

#### PACKER FLUIDS

UCARCIDE® Antimicrobial 145 LT should be added to a packer fluid at a point tank. Add 55-670 ppm UCARCIDE® Antimicrobial 145 LT (0.21-2.6 gal. UCARCIDE® 145 LT/1000 gal. packer fluid) depending on the severity of contamination. Seal the treated production tube.

### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description reasonably fit for the purposes set forth in the directions for use when it is used in accordance with the directions, (b) that the directions, warnings and other statements on this label are based on reasonable tests of effectiveness and of toxicity to laboratory animals. Tests are conducted under all conditions. THE MANUFACTURER NEITHER MAKES ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE. This warranty does not extend to, and the Buyer shall be solely responsible for, any results from the use of this product in any manner which is inconsistent with the directions for use.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S LIABILITY FOR CLAIMS OF LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OF THIS PRODUCT, WHETHER OR NOT SUCH LIABILITY IS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPAIR OR REPLACEMENT OF THE PRODUCT PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO THE EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL DAMAGES, INCLUDING ATTORNEY'S FEES, RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.