

**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.

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 | 1.131 | Solubility in Water at 20°C | Complete |
| Vapor Pressure at 20°C | 15 mm. Hg | Solubility of Water in at 20°C | Complete |
| Freezing Point | -21°C | pH at 25°C | 3.1 to 4.5 |

STORAGE AND HANDLING

UCARCIDE® 150 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 -21°C (-6°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 MICROBIOCIDICIDE FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA IN OIL FIELD PROCESSING APPLICATIONS, AND OIL FIELD WATER SYSTEM FLOOD WATER, INJECTION WATER, HOLDING POND WATER, DISPOSAL WATER, AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATION WATER.

ACCEPTED
with COMMENTS
in EPA Letter D-10-86

Active Ingredient: Glutaraldehyde
Inert Ingredients:

FEB 18 1986

Under the Fungicide, and to be Act as amended, for the pesticide registered under EPA Reg. No. 10352-24

KEEP OUT OF REACH

DANGER

STATEMENT OF PRACTICE

- 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 irritation persists.
 - If swallowed: DO NOT INDUCE VOMITING. Give at least two glasses of water. Get medical attention.
 - If inhaled: Remove to fresh air. If breathing is difficult, call a physician. If symptoms persist, call a physician.
- Note to Physician: Probable mucosal damage.

UNION CARBIDE CORPORATION • SP

Hamden, CT 06817 • Offices in Principal Cities
A Reg. No. 10352-24
UCARCIDE is a registered trade mark
Union Carbide Corporation

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|-------------------|----------------------------|
| DOT SHIPPING NAME | Corrosive (Glutaraldehyde) |
|-------------------|----------------------------|

NET WT. 227 kg (500 lb)

Reg. # 10352-24

Pm 31 1/1



Ucarcide® 150 ANTIMICROBIAL

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It is a violation of Federal law to us

A MICROBIOCIDE 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 D-104

| | |
|---|--------|
| Active Ingredient: Glutaraldehyde | 50.0% |
| Inert Ingredients: | 50.0% |
| | 100.0% |

FEB 18 1986

Under the Fungicide, and it is to act as amended, for the pesticide registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

- in eyes:** Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.
- on skin:** Wash with plenty of soap and water. Get medical attention.
- swallowed:** **DO NOT INDUCE VOMITING.**
Give at least two glasses of water; seek medical advice with urgency.
- 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.

UCARCIDE® Antimicrobial 150 should be added to of make up water to the holding tank.
Initial Treatment: When the system is notice (0.09-0.18 gal UCARCIDE® 150/1000 gal. flood v
Subsequent Dose: When microbial control is evi 1000 gal. flood water) weekly, or as needed to m

UCARCIDE® Antimicrobial 150 should be added to mud tank.
Initial Treatment: Add 50-1000 ppm UCARCIDE freshly prepared drilling fluid depending on the s
Maintenance Dose: As the total volume of in UCARCIDE® 150 level by adding 0.19-3.8 gal. of U the severity of contamination.

COMPLETION

UCARCIDE® Antimicrobial 150 should be added to circulating tank. Add 50-1000 ppm UCARCIDE® An prepared fluid depending on the severity of contain the system down and idle for several hours. Rem
UCARCIDE® Antimicrobial 150 should be added to Add 50-600 ppm UCARCIDE® Antimicrobial 150 (depending on the severity of contamination. Seal

LIMITED WARRANTY

The manufacturer warrants (a) that this product reasonably fit for the purposes set forth in the (c) that the directions, warnings and other sta reasonable tests of effectiveness and of toxicity states or under all conditions. THE MANUFACTURER ANY AGENT OR REPRESENTATIVE TO MAKE, EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTY PURPOSE. This warranty does not extend to, which results from the use of this product in any

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S LIABILITY: WHETHER OR NOT SUCH LIABILITY IS BASED ON CONTRACT, TORT, OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S PURCHASE PRICE FOR THE QUANTITY OF PRODUCT. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR DAMAGES RESULTING FROM THE USE OR HANDLING OF

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Hamden, CT 06817 • Offices in Principal Cities
Reg. No. 10352-24
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of Union Carbide Corporation

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|-------------------|--|---------------------|
| DOT SHIPPING NAME | Corrosive Liquid, NOS (Glutaraldehyde) | UN 1760 I.D. Number |
|-------------------|--|---------------------|

EPA Est. No. 10352-WV-2
UCC No. 4170-1A
Made in U.S.A

NET WT. 227 kg (500 lb)

PC-90228