

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# DANGER

**KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes burns. Causes eye damage and skin irritation. Avoid breathing vapor. Do not get in eyes, on skin or on clothing. May be absorbed through skin. Wear goggles or face shield and rubber gloves when handling. May be harmful or fatal if swallowed. Avoid contamination of food.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent 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	1.124	Solubility in Water at 20 C	Complete
Vapor Pressure at 20 C	17 mm Hg	Solubility of Water in at 20 C	Complete
Freezing Point	-14 C	pH at 25 C	3.7 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, stainless steel, or reinforced epoxy plastic equipment. This product freezes at about -14 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 a month), temperatures 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. Avoid contact with blankets and parking.

**STORAGE AND DISPOSAL**

- 1 **PROHIBITIONS** Do not contaminate water, food, or feed by storage or disposal.
- 2 **PESTICIDE DISPOSAL** Pesticide may be disposed of in accordance with local, state, or federal regulations. Do not be disposed of in a landfill approved for pesticides or buried in a trench or away from water.
- 3 **CONTAINER DISPOSAL** Washable containers and other containers that have been used for this product may be recycled or disposed of in accordance with local, state, or federal regulations.
- 4 **GENERAL** For additional information, contact your local or state health department.



In case of contact with skin, wash immediately with soap and water. If swallowed, drink promptly. Avoid alcohol. Call a physician. **NOTE TO PHYSICIAN:** Precautionary depression and convulsions. See Side Panel for Additional Information.

**UNION CARBIDE**  
OLD RIDGEBURY ROAD  
EPA Reg. No. 10352-2-1  
UCARCIDE is a trademark

**NET WT. 500 LBS.**



# Ucarcide 150

A MICROBIOCIDAL FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA  
IN OIL WELL DRILLING AND OIL FIELD PROCESSING APPLICATIONS.

Active Ingredients: Glutaraldehyde 50.0  
Inert Ingredients 50.0  
100.0

KEEP OUT OF REACH OF CHILDREN.

## DANGER

### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water or cold alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

See Side Panel for Additional Precautionary Statements.

## UNION CARBIDE CORPORATION • SPECIALTY CHEMICALS AND PLASTICS

OLD RIDGE BURY ROAD, DANBURY, CT 06811

EPA Reg. No. 10352-01-2

UCARCIDE is a trademark of Union Carbide Corporation.

EPA Est. No. 10352-WV  
UCCN

Made in U.S.A.

NET WT. 500 LBS. (227.3 Kg.)

NET VOL. 55 GALS.(U.S.) (203.7 LITERS)

# 150

IA

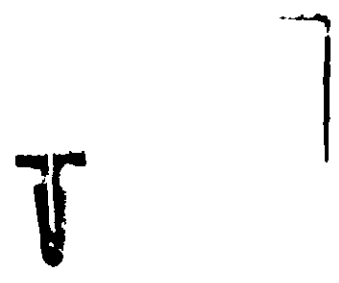
call a physician. Remove  
large quantities of water  
circulatory shock, respira

## LS AND PLASTICS

EPA Est. No. 10352 - WV 2  
UCC No.

Made in U.S.A.

U.S.) (203.7 LITERS)



## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

### DRILLING MUDS

1. Calculate the total volume of the drilling mud system and using this volume calculate the number of gallons of UCARCIDE 150 needed to produce a concentration of approximately 2000 ppm UCARCIDE 150. For example, 42.5 gallons of UCARCIDE 150 per each 1000 barrels of total volume will produce this dilution.
2. While the system is circulating, add the UCARCIDE 150 as a slug.
3. As the well depth increases, increasing the total volume of the system, add additional UCARCIDE 150 to maintain the proper concentration.

### WORKOVER FLUIDS

1. Calculate the total volume of the workover fluid system and using this volume calculate the number of gallons of UCARCIDE 150 needed to produce a concentration of approximately 2000 ppm UCARCIDE 150. For example, 42.5 gallons of UCARCIDE 150 per each 1000 barrels of total volume will produce this dilution.
2. Add UCARCIDE 150 into the system.
3. Circulate the workover fluid system until the fluid returns clear.
4. Shut the system down and idle for several hours.
5. Remove the workover fluid. The well should be ready for productive use.

### OIL WELL WATER FLOODS

1. Calculate the total volume of the water flood system and using this volume calculate the number of gallons of UCARCIDE 150 needed to produce a concentration of approximately 150 ppm UCARCIDE 150. For example, 3.2 gallons of UCARCIDE 150 per each 1000 barrels of total volume will produce this dilution.
2. Add UCARCIDE 150 as a slug, or intermittently.
3. Fifty ppm UCARCIDE 150 added each week is recommended to maintain bacterial control. This may be accomplished by adding 1 gallon of UCARCIDE 150 to each 1000 barrels of total volume.

### WARRANTY:

1. The manufacturer guarantees and warrants (a) that the active ingredient content and the total net weight are as stated within lawful limits and (b) 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.
2. The manufacturer further warrants that the material herein is reasonably fit for use under normal conditions as directed hereon. The manufacturer DOES NOT MAKE AND DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES OF FITNESS OR OF MERCHANTABILITY, GUARANTEE, OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. This product is sold only on the basis that buyer assumes all risks of use, handling, or storage which result in or cause damage and which are beyond manufacturer's control. No claim of any kind, and whether or not based on negligence, shall be made or asserted against the manufacturer in respect of the purchase price of the material or respect of which the manufacturer is made or asserted against the manufacturer, or other liable for special, indirect, or consequential damages resulting from the use, handling, or storage of this material.
3. No modification of this warranty and disclaimer is authorized, except by printed materials written and signed by an authorized employee of the manufacturer.