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**NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-8**

DATE: APR 21 1990

**DIRECTIONS FOR USE**

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

**WATER FLOODS**

UCARCIDE™ 150 Antimicrobial 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 100-200 ppm UCARCIDE™ 150 Antimicrobial (0.09-0.18 gallons UCARCIDE™ 150 per 1000 gallons flood water). Repeat until control is achieved.

**Subsequent Dose.** When microbial control is evident, add 20-100 ppm UCARCIDE™ 150 (0.18-0.09 gallons UCARCIDE™ 150 per 1000 gallons flood water) weekly, or as needed to maintain control.

**DRILLING FLUIDS**

UCARCIDE™ 150 Antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

**Initial Treatment.** Add 50-1000 ppm UCARCIDE™ 150 (0.19-3.8 gallons UCARCIDE™ 150 per 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 50-1000 ppm UCARCIDE™ 150 level by adding 0.19-3.8 gallons of UCARCIDE™ 150 per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

**COMPLETION AND WORKOVER FLUIDS**

UCARCIDE™ 150 Antimicrobial should be added to a completion and workover fluid at a point of uniform mixing such as a circulating tank. Add 50-1000 ppm UCARCIDE™ 150 Antimicrobial (0.19-3.8 gallons UCARCIDE™ 150 per 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™ 150 Antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 50-600 ppm UCARCIDE™ 150 Antimicrobial (0.19-2.3 gallons UCARCIDE™ 150 per 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 reasonable expert 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.

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