

# CYBERMUL™

EMULSIFIER



**NEWPARK**  
DRILLING FLUIDS

www.newparkdf.com

## PRODUCT DESCRIPTION

CyberMul™ emulsifier is an environmentally acceptable liquid blend of organic acids which provides a stable water-in-oil emulsion. It is designed for use in the CyberDrill® synthetic-based drilling fluid system as the primary emulsifier when mixing the system and as a treating agent during drilling operations.

## BENEFITS

- Provides a stable emulsion in a cost-effective manner
- Allows adjustable concentrations to balance emulsion stability with increased ROP
- Imparts oil-wetting characteristics
- Performs effectively in the presence of contaminants

## APPLICATION

CyberMul emulsifier is effective with NaCl, CaCl<sub>2</sub> or NewPhase™ internal phases. It should be used in an alkaline environment. An excess of Ca(OH)<sub>2</sub> (lime) must always be present in the fluid.

## TREATMENT RECOMMENDATION

CyberMul concentrations should be engineered to the specific fluid design, but the typical range is 4-6 lb/bbl (0.55-0.83 gal/bbl). The emulsifier can be added through the hopper or directly into the pits, providing agitation is sufficient.

## TYPICAL PHYSICAL PROPERTIES

Appearance..... Dark brown/black liquid  
Flash Point (PMCC) ..... 252°F (122°C)  
Specific Gravity.....0.87 (7.26 lb/gal)

## HANDLING AND STORAGE

Store in a cool, dry, well ventilated area away from ignition sources and strong oxidizing agents. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

## PACKAGING

CyberMul emulsifier is available in 55-gallon (208-liter) drums, 275-gallon (1,041-liter) totes and bulk quantities.