

# ANCO DD

*Solutions Through Technology.....*

*Environmentally Friendly Chemicals*

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## Product Description

ANCO DD is a specially formulated, highly active, detergent and wetting agent for use in water based drilling fluids.

## Typical Application

ANCO DD is used in the upper part of the hole to promote settling of drilled solids, reduce surface tension and minimize bit balling. It can also be used to aid in the emulsification of oil into the drilling fluid.

## Product Advantages

- Enhances the settling of drilled solids from the fluid in settling and reserve pits.
- Applicable in all water based drilling fluids.
- An excellent oil in water emulsifier.
- Helps to minimize torque and drag due to excessive solids content.
- Aids in the reduction of bit & bottom hole assembly balling.

## Recommended Treatment

ANCO DD should be added directly to the mud in the suction pit. Normal treatment may vary from 0.02 to 0.04 gal/bbl (0.5 - 1.0 l/m<sup>3</sup>) of drilling fluid.

## Handling

Employees should use normal precautions when handling chemical products. The use of a safety goggles or face shield, chemical gloves and apron are recommended when handling this product. In case of eye contact flush immediately with water for 15 minutes and seek medical aid. In case of skin contact wash the affected area with soap and water. Remove the contaminated clothing and launder before reuse. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

## Storage

Store in a sealed container at ambient temperature.

## Packaging

Supplied in 55 gal (208 liter) drums.

## Typical Chemical and Physical Properties

|  |                                |
|--|--------------------------------|
| Specific Gravity g/cm <sup>3</sup> ..... | 1.00                           |
| Solubility .....                         | Completely miscible with water |
| Appearance .....                         | Clear liquid                   |
| Color .....                              | Yellow                         |
| Boiling Point, °F .....                  | 212                            |
| pH .....                                 | 4.5 - 6.5                      |