



TECHNICAL DATA SHEET

April 1, 2011

DSC WELL WASH II

Description:

DSC WELL WASH II is a mixture of surfactants, solvents and flocculating agent, developed by Deep South Chemical, Inc., which is specifically designed for displacement and cleaning of water based drilling fluid containing 3-4% oil, and other oil based drilling fluids. It is a water-soluble system and it is very effective in cleaning wellbore during displacement of drilling fluids which contain small amounts of oil. This system of surfactants offers the following advantages:

- 100% Active
- Excellent for all types of water based synthetic, and oil based drilling fluid displacements.
- Completely soluble in water. Also, removes all other residues for reliability and complete solids removal prior to displacement with clean brine.

Application:

DSC WELL WASH II was developed to combine the organic removal characteristics of the alcohol with the ionic removal properties of a flocculent and therefore should be mixed in a drill water system. **DSC WELL WASH II** can be pumped through all surface lines and equipment, down hole tubulars and casing to remove all mud particles and debris that can cause formation damage.

It is recommended to dilute **DSC WELL WASH II** mixed in drill water in the chemical wash stage. The use of agitation will enhance the rate of dissolution of the residues. Turbulent flow characteristics, and mechanical surface agitation are both appropriate methods of agitation.

Health and Safety:

Fumes and vapors and precaution: Excessive inhalation of the product may result in respiratory irritation, coughing and breathing difficulty. If this occurs in the process, NIOSH approved respirator for organic vapors is generally accepted. **DSC WELL WASH II** should always be used in a well ventilated area.

Packaging:

DSC Well Wash II is available in 55 gallon drums, 330 gallon and 550 gallon stainless steel tote tanks. A Material Safety Data Sheet outlining recommended safe handling of **DSC Well Wash II** is available upon request. The shelf- life of **DSC Well Wash II** is more than 3 years when stored at a temperature range of 70°F to 90°F.