

Product Bulletin

WELL SWEEP 50 Well Surfactant

GENERAL INFORMATION

Applied Chemical Technologies Well Sweep 50 is a mixture of surfactants, solvents and flocculating agent, 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.

PHYSICAL PROPERTIES

Specific Gravity:	1.1-1.2
Appearance:	Hazy pale viscous liquid
Solubility:	Soluble in water
pH Stability:	6.7-7.2

RECOMMENDED USES

Well Sweep 50 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. Well Sweep 50 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 Well Sweep 50 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. Well Sweep 50 should always be used in a well ventilated area.

PACKAGING

Well Sweep 50 is furnished in 5-gallon pails, 55-gallon poly drums, or in bulk.

AVAILABILITY

Well Sweep 50 is conveniently warehoused on the Gulf Coast, in Broussard, LA for quick and easy pickup or delivery 24 hours/day 365 days/year