

# Surewet

SUREWET additive is the primary wetting agent in the RHELIANT system. It also functions as a secondary emulsifier. Additional benefits include improved thermal stability and HTHP filtration control. SUREWET wetting agent is effective over a wide temperature range, in the presence of contaminants, and in reducing the adverse effects of water contamination. SUREWET agent can also be used as a secondary emulsifier in NOVA and VERSA systems.

### Typical Physical Properties

Physical appearance .....	Light yellow liquid
Specific gravity .....	0.891
Flash Point.....	184C
Pour Point.....	4.4-15.6 C

### Applications

SUREWET additive functions as the wetting agent and secondary emulsifier in the RHELIANT system, when used in combination with the SUREMUL primary emulsifier. It can also be used as a secondary emulsifier in nova systems and in the VERSA family of systems in conjunction with a primary emulsifier. SUREWET additive preferentially wets barite and drill solids to prevent water-wetting of solids. Secondary functions include: improves thermal stability, rheological stability, filtration control and emulsion stability as well as improves a system's resistance to contamination. Initial formulation concentrations range from 1 to 3 lb/bbl (2.85 to 8.6 kg/m<sup>3</sup>) with occasional daily treatments of 0.063 lb/bbl (0.18 kg/m<sup>3</sup>), depending on the synthetic-water ratio, anticipated temperatures, desired properties and other products used in the formulation.

### Advantages

- Aids in providing improved wetting of solids in the system
- Tightens the emulsion and increases the thermal stability
- Lowers fluid loss
- Reduces risk of water in filtrate

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## Limitations

Avoid storage conditions where temperatures are less than 60°F (16°C).

## Toxicity and Handling

Information on biological data can be provided upon request.

Handle in accordance with the Material Safety Data Sheet (MSDS) and general requirements for working with industrial reagents

## Packaging and Storage

Surewet additive is packaged in a 55-gal (208-L) drum in 550-gal (2131-L) and 275 gal (1000-L) totes.

Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles.

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