

# 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 @ 68°F (20°C)
Flash point .....	363°F (184°C)
Pour point .....	40 – 60°F (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

## Limitations

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

## Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

## Packaging and Storage

SUREWET additive is packaged in 55-gal (208-L), steel drums and 550-gal (2131-L) totes.

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



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