

PureClean single-stage displacement pill additive

Efficient displacements with vegetable-based solvents

Applications

- Displacement of oil- and synthetic-based drilling fluids

How it works

PureClean* single-stage displacement pill additive combines the water-wetting surfactants of DEEPCLEAN* single-stage spacer pill additive with the dissolving capacity of powerful plant-based solvents to meet all the requirements of a multistage displacement wash train with a single product. The additive is designed to meet strict environmental criteria.

The combined action of solvents and surfactants provides efficient cleanup of solids and drilling fluid residue during displacement operations and leaves all downhole tubulars in a water-wet state without the need for a subsequent surfactant wash.

PureClean additive functions in freshwater, seawater, and high-density brines. Under static conditions, the solvent fraction will eventually phase separate. Mild agitation is required before pumping. The product can also be incorporated into a high-viscosity pill to help remove heavy solids prior to pumping the main cleanup spacer or as a high-viscosity displacement aid that follows the main cleanup spacer.

Additional information

- Centre for Environment Fishers and Aquaculture Science (CEFAS) Silver rating with no substitution warnings
- One-drum chemical that requires less storage space at the rig site
- Powerful chemistry that performs at lower concentration
- Improved environmental sustainability using plant-based and synthetic chemistries
- Smaller spacer size that reduces waste potential

Toxicity and handling

Bioassay information is available upon request. Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the safety datasheet.

Packaging and storage

PureClean additive is packaged in 1,000-L intermediate bulk containers (IBCs) and 55-galUS drums. Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks, and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping, and stacking.

Typical Physical Properties

Physical appearance	Clear liquid
Solubility in water	Emulsifies
Specific gravity	0.91
Flash point (Pensky–Martens closed-cup [PMCC])	>154 deg [68 degC]

All specifications are subject to change without notice.