PERFORMATROL® shale stabilizer is a low weight polymer that stabilizes reactive clays and shale by inhibiting the uptake of water and thereby mitigating their swelling or dispersion tendencies. PERFORMATROL® shale stabilizer can also flocculate any dispersed clays or colloidal particles and aid their removal by solids control equipment. PERFORMATROL® shale stabilizer is effective in freshwater or monovalent brines, is shear thinning, provides lubricity, has a low environmental toxicity, is highly biodegradable and is non-hazardous to rig personnel. PERFORMATROL® shale stabilizer is stable to 250°F (121°C) but may achieve higher temperature stability with the use of oxygen scavengers.

**Applications / Functions**
- Helps inhibit swelling and disintegration of reactive shales
- Helps flocculate dispersed clays and other colloidal particles

**Advantages**
- Highly effective in potassium-based systems and can be used in freshwater fluids
- Very low environmental toxicity, highly biodegradable
- Minimal effect on drilling fluid viscosity and fluid loss control
- Non-hazardous to rig personnel
- Gold rated with no substitution warning for use in North Sea

**Typical Properties**
- Appearance: Clear, colorless viscous liquid
- Specific gravity: 1.03

**Recommended Treatment**
Dependant upon reactivity of shales encountered but typically 3% v/v

**Packaging**
PERFORMATROL® shale stabilizer is available in 964-kg IBC tanks and in bulk.