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.

- 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