

S-TROL3 can be effectively adsorbed onto the surface of clay to prevent damage to the oil/gas bearing zones caused by hydrated expansion and dispersion of water-sensitive minerals. It is suitable in a wide range of applications given its long-term effectiveness, simple usage, low dosage and erosion resistance to acids, salts, alkalis and oil water.

Typical Characteristics

Parameter	Specification
Appearance	Clear yellow liquid
Solubility	Soluble in water Insoluble in oil
Density @ 20°C (g/cm ³)	1.05 – 1.15
Flash Point, closed (°C)	≥ 100
pH, 1% aqueous solution	6.0 – 9.5
CST (s, 4L/m ³)	≤ 25

Application

S-TROL3 is mainly used to inhibit the hydration, expansion and decomposition of clay minerals contained in shale to prevent wells from collapsing/sloughing. It can be used to prevent clay expansion in the formations of water injection wells as well as in the pretreatment process of converting oil wells into water injection wells. It can also be used in acidification, fracturing, water injection and as a drilling fluid or completion fluid.

Packaging and Storage

S-TROL3 is packaged in 210 kg Drum or 1050kg IBC (Tote tank).

Store in 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/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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