



Product Bulletin

PRODUCT NAME

K-SUB QS-42

APPLICATION

Potassium Chloride Replacement for Shale Control

DESCRIPTION

QS-42 is a clay control additive that is designed to work by forming a barrier that prevents the swelling of clay. QS-42 has a low toxicity and no effect on formation wetting. QS-42 is compatible with all other Appalachian Drilling Services additives.

PROPERTIES

Appearance.....Clear liquid
Density.....8.6 – 8.8 lbs./gallon
pH(neat).....7.0- 9.0
Freeze point.....-12°F
Specific Gravity @25C.....1.09

DATA

DOT Classification.....Nonhazardous
Environmental.....Readily Biodegradable

SOLUBILITY

Soluble

STORAGE

QS-42 is a mild irritant to both skin and eyes and normal precautions should be taken to avoid eye and skin contact. QS-42 can be stored unopened for six months. If frozen, thaw and remix contents. Pumping and storage materials should be constructed of 316 stainless steel, PVC, CPVC, TYGON, Polypropylene, or buna rubber. Mild steel or copper should be avoided.

HANDLING

Refer to SDS for safety and handling information.