

Product Bulletin

PRODUCT NAME

Shale Inhibitor CS-47

APPLICATION

Shale Control

DESCRIPTION

CS-47 is a polymer based shale control agent designed to inhibit the water absorption of clay formations. CS-47 is not subject shear at the bit or hydrolysis due to heat and alkalinity. CS-47 is compatible with all other Appalachian Drilling Services additives

PROPERTIES

Appearance.....Liquid
pH(neat).....7.0-9.0
Flash point.....None
Specific Gravity.....1.08
Freeze Point..... -7F

DATA

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

SOLUBILITY

Soluble in both fresh water and heavy brine.

STORAGE

CS-47 is a mild irritant to both skin and eyes and normal precautions should be taken to avoid eye and skin contact. CS-47 can be stored unopened for one year. 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.