



CS-720 Clay Stabilizer

Product Features	Product Description	Recommended Application
<ul style="list-style-type: none">▪ Highly Effective Clay/Shale Stabilizer▪ Can Be Mixed On The Fly	<p>CS-720 is a highly effective permanent clay stabilizer designed for application in work over, acidizing and stimulation treatments. The product contains highly effective amine derivatives that stabilize water sensitive clays during aqueous treatments to prevent swelling and migration problems. The use of CS-702 in stimulation treatments protects the water sensitive formation to assure maximum well productivity, while maintaining formation integrity and permeability. The product is soluble in fresh water, KCl water, high TDS brine and acids. CS-720 may be mixed on the fly to prevent excess fluid on location.</p>	<p>CS-720 clay stabilizer may be applied to aqueous pre-flush fluids, acidizing fluids and fracturing fluids. Treatment concentrations will vary according to the individual application and the severity of the clay swelling potential of a particular formation. Typical load rates range from 1 to 5 gallons of CS-720 per 1,000 gallons of fluid. Due to the complexity of stimulation fluids, pilot testing is recommended with individual systems to assure compatibility. This is particularly important when utilizing CS-720 with cross linked gel system.</p>

Typical Properties

Appearance	Clear, Amber
Density @ 60°F, (15°C) g/cm ³	0.935
Flash Point, TCC, °F (°C)	54 (12.2)
Viscosity, Room Temperature, cSt @70 °F (21 °C)	4.0
Pour Point, °F (°C)	-20 (-28.9)
pH, 10% Solution	7.5 – 8.5
Solubility	
Fresh Water	Soluble
High TDS Brine	Soluble
Hydrocarbon	Insoluble
Ionic Charge	Cationic

Refer to the Safety Data Sheet for product specific information regarding personal safety, first aid, storage and handling.

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