

DEFLOCCULANT**GENERAL INFORMATION**

DESCO CF® Deflocculant is a proprietary tannin-based product used for rheology control in water-based muds. It is very effective for rheology control in areas with the strictest environmental regulations. It is effective in low concentrations without requiring the use of caustic soda.

APPLICATION

DESCO CF® Deflocculant can be used in freshwater, seawater and salt water drilling fluids as a conditioner for drilling fluids used as packer fluids and in cement pre-flushes. The concentration of material used in these applications will be similar to those of DESCO CF® Deflocculant. Like original DESCO CF® Deflocculant, DESCO CF® Deflocculant is effective in low-pH applications.

ADVANTAGES

- ✓ Environmentally compatible. Maximum deflocculation at low concentrations
- ✓ Soluble in systems of high-salinity, high-hardness and at any pH
- ✓ 4 to 8 times more effective than CF lignosulfonates, depending on conditions
- ✓ Temperature tolerance in excess of 300°F (149°C). Solution pH is 8.5± - no caustic needed to activate

RECOMMENDED USAGE

Low solids, semi-dispersed muds	0.1 to 0.5 ppb (0.3 to 2 kg/m ³)
Supplement lignosulfonate, lignite muds	Ratio of 4CF lignosulfonate to 1 DESCO CF®
Deep, hot drilling where lignosulfonate starts to degrade	Ratio of 2-4CF lignosulfonate to 1DESCO CF®
Conditioning drilling muds for packer fluids (any density)	0.5 to 3 ppb (2 to 9 kg/m ³) for shear strength control
Inhibited KCl, lime or GYP muds	0.5 to 3 ppb (2 to 9 kg/m ³)
Cement preflush	2 to 3 ppb (6 to 9 kg/m ³)

PACKAGING

DESCO CF is packaged in 25-pound (11.3 kg), multi-layered export light blue and tan bags, 80 bags to a pallet.