



Technical Data Sheet

DESCO®

Product Description

DESCO® Deflocculant is a proprietary tannin-based product used for rheology control in water-based drilling fluids. It is readily soluble over a wide range of temperatures and is effective in low concentrations without requiring the use of caustic soda.

Applications: Low pH deflocculation, defoamer in salt water muds, supplement lignosulfonate, lignite muds, Deep, hot drilling where lignosulfonates degrade.

Treatments: Typical system treatments range from 1 - 4 lb/bbl, defoamer treatments 0.1 to 0.25 ppb, supplement lignosulfonate 4 lignosulfonate to 1 DESCO.

Daily maintenance treatment are required. Pilot testing is suggested to determine the actual treatment required to obtain the desired properties.

KEY BENEFITS

- **Maximum deflocculation and shear strength reduction at low concentrations**
- **4 to 8 times more effective than lignosulfonates, depending on conditions**
- **Soluble in systems of high salinity, high hardness and any pH**
- **Scavenges oxygen and inhibits corrosion**
- **High-Temperature rheology control: proven effective in excess of 400°F**
- **Soluble pH is approximately 8.5 - no caustic needed to activate**
- **Reduces the effects of cement contamination**

Key Properties

pH	8.5
Color	Black/Brown
Physical Form	Powder
Sg	1.4
Packaging	25 lb Sacks

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