**PRODUCT DATA SHEET**

**DEXTRID® E™**

**Filtration Control Additive**

**Product Description**
DEXTRID® E™ filtration control additive is a modified starch product used to reduce mud filtrate in most water-based fluid systems, especially polymer non-dispersed. DEXTRID E filtration control additive contains no starch preservative. DEXTRID E filtration control additive is functional in freshwater thru saturated salt environments and does not increase fluid viscosity. DEXTRID E filtration control additive is temperature stable to approximately 250°F (121°C). DEXTRID E filtration control additive can also be used to encapsulate drill cuttings and exposed wellbore formations to reduce particle dispersion & reactive clay/shale formation swelling. Fluid pH must be maintained at 8.0 or above (preferably 8.5-9.0) to prevent bacterial degradation of the starch. DEXTRID E filtration control additive is used in areas where environmental limitations prevent the use of the bacterially stabilized variants of DEXTRID filtration control additive. DEXTRID E filtration control additive is non-damaging and can be used in both Drilling Fluid and reservoir Drill-in Fluid applications.

**Applications/Functions**
- Helps lower filtration rates in most water-based drilling fluid systems
- Helps improve borehole stability
- Helps flocculate dispersed drill cuttings in clear water drilling

**Advantages**
- Helps maintain filtration control without detrimental viscosity increase
- Effective with fast drilling non-dispersed systems
- Helps decrease clay dispersion

**Typical Properties**
- Appearance: Off-white powder
- Specific Gravity: 1.5

**Recommended Treatment**
To help reduce filtration in drilling fluids, add 2-6 lb/bbl (5.7-17.1 kg/m³) of DEXTRID E filtration control additive slowly through the hopper.

Note: Small amounts of PAC™ filtration control additive will complement DEXTRID E filtration control additive in fresh and salty drilling fluids.

**Packaging**
DEXTRID E filtration control additive is packaged in 50-lb (22.7-kg) and 55.1-lb (25-kg) sacks.