BENTONITE - HIGH YIELD (SUPER GEL-X®) VISCOSIFIER

Bentonite - High Yield (SUPER GEL-X®) is an easy mixing freshwater drilling fluid produced from the highest grade Wyoming sodium bentonite. Bentonite - High Yield (Super Gel-X®) provides viscosity, gelling and filtration control properties to most fresh water-based drilling fluids where a high quality bentonite is required. Super Gel-X® is also used in hydraulic-barrier applications (pond-sealing, slurry trenching, caissons, etc.).

FEATURES AND BENEFITS:
- Meets or exceeds API specifications for bentonite (13A, section 9)
- Provides viscosity to improve hole-cleaning capacity of drilling fluids
- Provides suspension for weighting material
- Provides filtration control and forms a thin filter cake with no permeability
- Cools and lubricates bit
- Mixes quickly and easily

Super Gel-X® requires a pH of 8.5-9.5 for optimal performance. Pre-treat make-up water with SODA ASH as required.

RECOMMENDED TREATMENT: 20-100 kg/m³

PHYSICAL PROPERTIES:
- Appearance: Tan-grey powder
- Specific Gravity: 2.5
- Solubility: Insoluble (forms colloidal suspension)
- pH: 8.5-11.0
- Bulk Density: 900 kg/m³ (uncompacted), 1400 kg/m³ (compacted)
- Particle Sizing: 70% min passing #200 mesh sieve

MIXING/HANDLING:
Mix slowly through a mixing hopper (5 minutes/bag). Refer to the SDS for specific precautions and handling requirements.

MICROTOX® THRESHOLD: TBD

PACKAGING: 22.68 kg bag / 60 bags/pallet