

## HYPERDRILL® AF 247RD FLOCCULATION AGENT

**HYPERDRILL® AF 247RD** is a low molecular weight, anionic polyacrylamide supplied as a dry, granular powder. When added to water-based drilling fluids, this specially processed polymer disperses rapidly, allowing hydration to occur without the formation of lumps or “fish eyes”. HYPERDRILL® AF 247RD is a very versatile polymer which can be used for oil, gas, water and mineral drilling. It can be added to fresh, KCl or seawater-based drilling fluids.

### FEATURES AND BENEFITS:

- Shale Stabilization:* Can be used alone or in conjunction with KCl to stabilize active shales by decreasing the shale’s tendency to absorb water, swell and slough-off. As an additional benefit, fluid loss is often reduced when using this product.
- Friction Reduction:* Addition into a drilling fluid will help reduce turbulent flow, friction and power losses at points of high shear. Lower turbulent flow also helps reduce erosion and washouts of fragile geologic structures.

### RECOMMENDED TREATMENT:

- Shale Stabilization:* Normal application rates are between 3.0-9.0 kg/m<sup>3</sup> as supplied.

### PHYSICAL PROPERTIES:

Appearance:	White powder
Solubility:	Soluble
Bulk Density:	700 kg/m <sup>3</sup>
pH:	6-8 (0.5% solution) @ 25°C

### MIXING/HANDLING:

Mix *slowly* through the hopper. **Extremely slippery** when wet. Refer to the SDS for specific handling requirements.

**MICROTOX® THRESHOLD: TBD**

**PACKAGING: 25 kg bag / 30 bags/pallet**