

## GlucoDri-IN®

GlucoDri-IN® is designed for filtration control and enhanced rheology in a variety of water-based drilling and completion fluids.

GlucoDri-IN is particularly suited for use in conjunction with a sized calcium carbonate or sized salt bridging agent where it provides a thin, flexible filter cake that is easily removed during cleanup operations.

GlucoDri-IN exhibits a synergy with a number of different components used in fluid systems. In particular, GlucoDri-IN exhibits a strong synergy with low levels of xanthan gum and bentonite to provide enhanced low-shear rate viscosity.

GlucoDri-IN's non-ionic nature makes it especially suitable for fluids containing salts or ion-sensitive additives.

GlucoDri-IN exhibits thermal stability to 250° F and up to 300° F with the use of thermal extenders.

Usage is generally recommended at 2 – 4 ppb (11.5 – 17.1 kg/m<sup>3</sup>) with best results in muds with BHT above 200° F.

### Appearance

GlucoDri-IN is a free-flowing off-white powder. Aqueous solutions are translucent in nature.

### Compatibility

GlucoDri-IN polymer effectively controls fluid loss in a wide range of brine based systems including seawater, sodium chloride, potassium chloride, calcium chloride, sodium bromide, and formate salt systems.

### Fermentation

#### Stability/Enzyme Stability

GlucoDri-IN is not biocide treated. If the potential exists for microbial growth within the fluid, biocide addition is recommended. Upon request, Chemstar can biocide-treat the GlucoDri-IN product during the time of production.

### Storage, Handling and Safety

Due to the hygroscopic nature of GlucoDri-IN, it is highly recommended that the material be stored in its original package in a dry facility. Shelf life can be affected by storage conditions such as temperature, humidity and overall surroundings of the storage area. A Safety Data Sheet is available from Chemstar and should be consulted prior to handling or using GlucoDri-IN.

### Availability

GlucoDri-IN is available in 50 lb multi-wall poly-lined paper bags for truckload and LTL shipments. For additional information, samples or technical assistance in using GlucoDri-IN or any other Chemstar product please contact 1-800-328-5037 or [info@chemstar.com](mailto:info@chemstar.com).

### Typical Analysis

GlucoDri-IN	
Nature	Nonionic
Form	Fine powder
Viscosity (cP), 5% Solids LVT, 60 RPM, #2 Spindle	50 – 175
Bulk Density (lb/ft <sup>3</sup> )	32 – 48
pH (5% solution)	7.0 – 10.0
Particle Size (% thru)	97 min (-) 420 micron
Appearance	Off white
Solubility	Complete



## TECHNICAL DATA SHEET

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