



# NO-SAG®

## Biopolymer Gel Strength Enhancer

**Description** NO-SAG® gel strength enhancer is a free-flowing, powdered and easily dispersed biopolymer. It enhances the carrying capacity of both clay and polymer-base drilling fluids without significantly increasing the viscosity of the slurry.

**Applications/Functions**

- Can increase gel strength of the drilling fluid for better suspension of the drilled cuttings, coarse sand and gravel
- Can enhance carrying capacity for solids suspension at lower viscosity to further ensure flowability on longer length bores and backreams
- Can improve resistance to contamination when drilling in brackish and salt water environments

**Advantages**

- Can mix easily into pre-hydrated bentonite-based fluids
- Help enhance system by increasing the suspension properties of the base drilling fluid with a minimal increase in viscosity
- Small packaging for ease of handling and reduction of waste

**Typical Properties**

- Appearance Beige powder
- Specific gravity 1.6
- Bulk density (lb/ft<sup>3</sup>) 45
- pH (0.14% or 0.5 lb/bbl) 7.1 - 7.4

**Recommended Treatment**

Mix 2-4 pounds (1-2 bags) of NO-SAG gel strength enhancer per 300 gallons (0.8-1.6 kg/m<sup>3</sup>) of BORE-GEL® drilling fluid slurry.

Amounts of NO-SAG Biopolymer added to a Drilling Fluid Slurry					
BORE-GEL fluid (30 – 50 lb/100 gal)		QUIK-GEL® viscosifer (15 – 40 lb/100 gal)		POLY-BORE™ polymer (0.5 – 1 lb/100 gal)	
lb/100 gal	kg/m <sup>3</sup>	lb/100 gal	kg/m <sup>3</sup>	lb/100 gal	kg/m <sup>3</sup>
0.5 – 1.5	0.6 – 1.8	0.5 – 2	0.6 – 2.4	1 – 4	1.2 – 4.8

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**Packaging** NO-SAG gel strength enhancer is packaged in a plastic bucket containing 10 airtight sealed plastic bags. Each bag contains 2 pounds (0.91 kg).

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**Availability** NO-SAG gel strength enhancer can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products  
Product Service Line, Halliburton**

3000 N. Sam Houston Pkwy E.  
Houston, TX 77032

<b>Customer Service</b>	(800) 735-6075 Toll Free	(281) 871-4612
<b>Technical Service</b>	(877) 379-7412 Toll Free	(281) 871-4613

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