

# GUAR GELLING AGENT

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## WG- 100P

WG-100P is a natural high viscosity polymer used to gel and viscosify water for fracturing, coiled tubing cleanouts, milling and workover treatments. It is a guar powder based additive and the viscosity of the gel can be customized based on the needs of the client and conditions of the well. Forms a shear stable, temperature tolerant high viscosity fluid, when mixed with a cross-linker.

## **ADVANTAGES**

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- Hydrates rapidly to form a viscous linear gel.
- Suitable for temperatures up to 140°C.
- Very cost-effective gelling agent, more economical than liquid version.
- Eliminate use of oil based slurries, increasing environmental profile.
- Can be customized based on water and well conditions.

## **TREATMENT**

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WG-100P typical dosage for oilfield fluids is 1.8 – 3.6 kg/m<sup>3</sup> of product. Specific loadings are dependent on the desired application and wellbore characteristics and variables.

## **PRODUCT HANDLING**

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Read the SDS carefully and completely prior to handling this product. Proper PPE should always be used.

## **PHYSICAL DATA**

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<b>Appearance</b>	Yellow Powder
<b>Odour</b>	Slight
<b>pH (0.5% Solution)</b>	6.5-8
<b>Flash</b>	>100°C
<b>Density</b>	0.97
<b>Solubility</b>	Dispersible in water

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