



## PRODUCT DATA SHEET

### ECOPOL-2000LMS-4.5#

Ultra Clean, High Performance Guar

#### DESCRIPTION

Ecopol-2000LMS-4.5# is an ultra clean natural guar gum slurry in an environmentally friendly, non-regulated, 0% BTEX (benzene, toluene, ethylbenzene, xylene) mineral oil for fracturing fluid applications. Ecopol-2000LMS-4.5# has excellent hydration properties that enable for both batch mixing and on-the-fly addition. The high quality and high purity of this product means that lower polymer loadings can be achieved and fewer impurities are deposited down-hole, both resulting in cleaner, higher permeability wells.

#### PRODUCT FEATURES:

- **Builds high viscosity quickly**
- **Provides greater flexibility with chemical activators**
- **Cleaner polymer for less down-hole residue resulting in greater permeability and more efficient production**
- **Generates very high activation viscosities so that less polymer can be used on the job and cleanup is improved**
- **Ultra high regained permeability achieved when used with Economy Polymers' line of stimulation chemicals**
- **Not Regulated by the US Department of Transportation**
- **Environmentally friendly slurry that contains 0% BTEX chemicals**

#### PROPERTIES

##### Item

Appearance

pH of 1.0% solution

Slurry Viscosity

Active Concentration

Density

##### Specifications

Beige Liquid Slurry

6.5 - 8.0

1500 – 3000cps (Brookfield RVDV)

4.5 lbs/gallon

8.92 lbs/gallon



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**ECOPOL-2000LMS-4.5#**

**FANN 35 Viscosity, 40ppt gel, 2% KCl water, 1 Minute hydration, R1B1, 511s<sup>-1</sup>**

<b>3 Minutes</b>	<b>35<sub>±</sub>2 cps</b>
<b>5 Minutes</b>	<b>39<sub>±</sub>2 cps</b>
<b>30 Minutes</b>	<b>42<sub>±</sub>2 cps</b>
<b>60 Minutes</b>	<b>44<sub>±</sub>2 cps</b>

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.

This information relates only to the specific material designated and may not be valid *for* such material used in combination with any other materials or in any process. Such information is, the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer any warranty against patent infringement.



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