



TECHNICAL DATA SHEET
April 1, 2011

DSC LIQUID GUAR E
Environmentally Safe Liquid Guar Viscosifier

Description:

DSC LIQUID GUAR E is an off white viscous liquid in which Guar polymer is suspended in a gelled environmentally safe base fluid. The viscous suspension is stable and the shelf life of the polymer is more than three years.

Application:

DSC LIQUID GUAR E is an environmentally safe product and is designed for viscosifying low density brines such as, sea water, 3 to 4 % Potassium and Sodium Chloride. The slurry in low density brines does not sheen in sea water if accidentally discharged. The oil and grease content of polymer slurry in 3% brine solution is below the environmental regulation limit of 22 ppm.

Recommended Treatment:

DSC LIQUID GUAR E mixes easily with low density brines and a viscous slurry can be prepared by pouring the required amount into the brine and mild agitation by a paddle mixer. In-situ breaker, if desired, can be added into the slurry for planned degradation of guar polymer.

PHYSICAL PROPERTIES:

- **Specific Gravity at 77⁰ F** = **8.98 lb/gallon**
 - **Active polymer in the suspension** = **3.22 lb/gallon**
 - **Odor** = **Mild alcohol**
 - **LC50 of slurry (loading level 2 lb/bbl) in sea water** = **316,200 ppm**
 - **Oil & Grease Content of the slurry in sea water.** = **6.0-12 ppm**
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Packaging:

DSC LIQUID GUAR E is available in 5-gallon pails, 275, 330, and 550 gallon tote tanks.