



Just The Right Chemistry

TECHNICAL DATA SHEET  
March 1, 2003

**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.

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**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.

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**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 77°F	=	8.98 lb./gallon
Active Polymer in suspension	=	3.22 lb./gallon
Odor	=	Mild Alcohol
LC50 of slurry in sea water (loading level 2 lb./bbl.)	=	142,200 ppm
Oil Grease Content of the slurry in sea water	=	6.0 ppm

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**Packaging:**

**DSC LIQUID GUAR E** is available in 5-gallon pails or 330-gallon tote tanks.