



TECHNICAL DATA SHEET  
April 1, 2011

## DSC Liquid Friction Reducer for Water

### **Description:**

Effective friction reducer for fresh water and brine. Reduces pumping pressures and horsepower requirements.

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### **Application:**

DSC LIQUID FRICTION REDUCER is a high molecular weight, anionic, water-soluble emulsion polymer that lowers friction pumping pressures. Upon contact with water, the emulsion inverts and the polymer fully hydrates, changing the flow pattern from turbulent to laminar and reducing the horsepower required to obtain a given rate. Typical dosage level is 0.5 to 2.0 gpt.

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### **Benefits:**

Inverts easily to provide rapid friction reduction and reduce horsepower requirements.  
Can be pre-mixed or run continuously for ease of use in the field.  
Reduces friction pressures by over 67%.

### **Specifications:**

Appearance White Opaque Liquid  
Specific Gravity 1.05-1.07  
Density 8.76-8.92 lbs/gal  
Ionic Charge Anionic  
pH (at 5 g/L) 6.0-8.0  
Shelf-Life 6-9 months (re-mixing of product may be necessary)  
Packaging 55 gal drum  
or 5 gallon pail

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