



## **KELZAN XCD POLYMER**

### **DESCRIPTION**

Kelzan XCD is a high molecular weight biopolymer of Xanthan Gum.

### **PROPERTIES**

<b>Physical</b>		<b>Chemical</b>	
Appearance:	White-tan powder	Type:	Xanthan Gum
Specific Gravity:	Not available	Solubility:	Soluble (water)
Moisture		pH:	7.0 (1% solution)
Content:	Not available	Microtox:	Pending
Flash Point:	Not applicable		

### **APPLICATION**

Kelzan XCD is used primarily as a viscosifier in fresh water, seawater or saline muds. It also provides a measure of filtration control. Kelzan XCD (in conjunction with an oxygen scavenger) is temperature stable to 150°C. It is stable in a wide pH range and is used in both weighted and unweighted drilling fluids, completion fluids and work over systems.

Kelzan XCD exhibits the rheological property of pseudoplasticity (shear thinning). Small quantities provide high yield points and low plastic viscosities, which provide excellent carrying capacities and high penetration rates.

### **MIXING AND HANDLING**

Kelzan XCD disperses in water with moderate agitation. Continued mixing provides a smooth viscous fluid. Kelzan XCD should be added slowly to the active system to avoid lumping or fish-eyes, which may occur if the polymer is not allowed to properly disperse.

<b>WHMIS:</b> Not controlled	<b>TDG:</b> Not regulated	<b>PACKAGING:</b> 25 kg sack
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