



## ALCOMER 74

### DESCRIPTION

Alcomer 74 is a highly efficient, thermally stable deflocculant or thinner with improved capabilities in high solids and contaminated muds. It is a cost effective, environmentally acceptable alternative to heavy metal lignosulphonates, lignites and tannins.

### PROPERTIES

<b>Physical</b>		<b>Chemical</b>	
Appearance:	White micro bead	Type:	Acrylate co-polymer
Specific Gravity:	0.75-0.85	Solubility:	Dispersible (water)
Flash Point:	Not applicable	pH:	7.0-7.5 (1% solution)
		Microtox:	>91% @ (0.7 kg/m <sup>3</sup> )
		Character:	LMW Anionic

### APPLICATION

Alcomer 74 functions primarily as a rheology control agent by reducing viscosity and gel strengths. It has been designed to offer increased thermal stability (260°C) and provide better rheology control and cost efficiency than Alcomer 72L when drilling green cement, salt or anhydrite stringers. Its effectiveness has been proven in fresh water gel, K<sup>+</sup> polymer, gyp, and saturated salt muds. Alcomer 74 is effective at any pH and due to its rapid dissolution, immediately affects the rheology of a drilling fluid. Alcomer 74 will also function as a gel suppressor and help reduce the fluid loss in most mud systems. A highly concentrated "pill" of Alcomer 74 will induce wall cake breakdown prior to completion, cementing or stimulation operations. Dose requirements are typically 1/4 that of lignosulphonate with the actual amount required dependent upon the amount of solids present in the system. Alcomer 74 has also been found to be a very effective thinner in carbonate/bicarbonate and sulphate contaminated muds where conventional thinners have little or no effect. Concentrations range from 0.3-3.0 kg/m<sup>3</sup>.

### MIXING AND HANDLING

Alcomer 74 should be added directly to the mud system through the mixing hopper. Store away from acids. It is advisable to use a dust mask and eye protection while mixing all products. Alcomer 74 is slippery when spilled and should be cleaned up with an absorbent material.

<b>WHMIS:</b> Not controlled	<b>TDG:</b> Not regulated	<b>PACKAGING:</b> 15 kg sack
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