Product Information

ALCOMER 74

GENERAL DESCRIPTION

Alcomer 74 is a synthetic, low molecular weight, anionic, acrylate based copolymer. It is supplied in a dust free microbead form. Alcomer 74 is a highly efficient, thermally stable deflocculant or thinner with improved capabilities in high solids contaminated mud. It is a cost effective, environmentally acceptable alternative to heavy metal Lignosulfonates, Lignites and Tannins.

APPLICATIONS

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, KCL or K_2SO_4 Polymer, Gyp and saturated Salt muds. Alcomer 74 is effective at any pH, and due to its rapid dissolution, it immediately affects the rheology of a drilling fluid.

Alcomer 74 will also function as a Gel preventer, and help reduce the fluid loss in most mud systems. A high concentration "pill" of Alcomer 74 will induce wall cake breakdown prior to completion, cementing and stimulation.

RECOMMENDED TREATMENTS

Dose requirements are typically ¼ that of Lignosulfonate with the actual amount required dependant upon the amount of solids present in the system. Alcomer 74 has also been found to be a thinner in Carbonate / Bicarbonate and Sulfate contamination where conventional thinners have little or no effect. Concentrations for normal use range from 2.5 to 3.0 kg/m^3.

TYPICAL PHYSICAL PROPERTIES

Appearance	White, free flowing microbeads

HANDLING

Alcomer 74 is not a controlled product using the WHMIS classification.

Refer to MSDS information for specific precautions and handling.

AVAILABILITY

Alcomer 74 is available in 15kg sacks.