

## INFORMATION

# OIL AID-BG-32

PH/ALKALINITY CONTROL AGENT

### DESCRIPTION

OIL AID-BG-32 is a water-soluble compound which serves to establish a moderately alkaline pH in stimulation fluid systems. The product is a white, free-flowing granular material.

### APPLICATION

OIL AID-BG-32 is used in high-pH fracturing fluid systems to provide the ideal environment for maximum stability of water gellant polymers at high temperatures. OIL AID-BG-32 provides pH control in the range of 9.0 to 10.0, and contains no extremely alkaline materials. Thus the risk of over treatment is minimized. OIL AID-BG-32 also serves to increase hydration rate of gellants after they have been dispersed in the mix water at low-to-neutral pH.

### RECOMMENDED TREATMENT

Dosage will vary with mix water chemistry and the type and concentration of other additives used in preparation of the frac fluid. Generally, 2 to 5 lb per 1000 gal (0.24 to 0.60 kg/m ) will give a pH of 9.0 to 10.0, the optimum range for best thermal stability of gellants like OIL AID-WG-41 and OIL AID-WG-49. OIL AID-BG-32 should be mixed into the fluid after the gellant and other surface-mixed additives, allowing time for pH to stabilize while circulating the fluid on the surface.

### PACKAGING

OIL AID-BG-32 is packaged in 100 lb or 50 kg multi-layer paper bags with PE moisture barrier.

OIL AID-BG-32 is a Messina trademark