

## INFORMATION

# KLEEN-VIS-2

LOW-RESIDUE NON-DAMAGING VISCOSIFIER

### DESCRIPTION

KLEEN-VIS-2 is an alkyl ether modified polysaccharide of high molecular weight. KLEEN-VIS-2 is an exceptionally efficient viscosifier for waters and brines of various types. The product is an off-white powder.

### APPLICATION

KLEEN-VIS-2 is used to thicken water and brines of salt (NaCl), potassium chloride, and calcium chloride for use as workover/completion fluids or drilling fluids.

### RECOMMENDED TREATMENT

Dosage varies according to viscosity requirements, brine type, and salinity. For most requirements, 0.5 to 2.5 lbs/bbl (1.4 to 7.1 kg/m<sup>3</sup>) provides suitable performance with typical dosage falling in the midrange near 1.5 lbs/bbl (4.3 kg/m<sup>3</sup>) as a workover/completion fluid thickener. Pilot tests should be run to determine exact treatment required.

A biocide is recommended to assure stability. Welcide-522 or paraformaldehyde are suitable, in low concentrations.

KLEEN-VIS-2 is not recommended for CaCl<sub>2</sub> brines above 280,000 mg/L (10.6 lbs/gal, or 1.27 S.G.).

### PACKAGING

KLEEN-VIS-2 is packaged in 50 lb or 25 kg multi-ply paper bags with moisture barrier.

KLEEN-VIS-2 is a Messina trademark