

## INFORMATION

# MESUCO-BEN

API Sec 13A Section 6 OCMA GRADE BENTONITE

### DESCRIPTION

MESUCO-BEN is a selected bentonite that is carefully processed and converted to a high yielding sodium montmorillonite bentonite, which is guaranteed to strictly conform to API Specification 13A Section 11 covering OCMA Grade bentonite. It is non-toxic in nature, and suitable for a variety of applications, including water well drilling.

### APPLICATION

MESUCO-BEN is an effective viscosifier and water loss control agent for fresh water muds. The yield of MESUCO-BEN is above 16.0 m<sup>3</sup>/tonne (91 bbl/st) of 15 centipoise mud. In concentrations of approximately 7.5 g/100 ml (26.25 ppb), the API filtrate will be reduced to 15 ml and below. Prehydrated MESUCO-BEN also provides viscosity with some filtration control in sea and salt muds.

### RECOMMENDED TREATMENT

In conventional freshwater muds, 22 to 35 ppb (63 to 100 kg/m<sup>3</sup>). In polymer-extended (low solids) muds, 14 to 20 ppb (40 to 57 kg/m<sup>3</sup>). In KCl or salt-polymer muds, 4 to 10 ppb (11 to 29 kg/m<sup>3</sup>) of prehydrated MESUCO-BEN is sometimes used to improve filter cake and lubricity. In sea and salt muds, 10 to 30 ppb (29 to 86 kg/m<sup>3</sup>), prehydrated.

### MISCELLANEOUS

Quality reports are issued on each shipment of MESUCO-BEN.

MESUCO-GEL, an API Sec 13A Section 4 grade Wyoming bentonite, and PUREGEL, an API Spec 13A Section 5 nontreated bentonite, are also available upon request.

### PACKAGING

MESUCO-BEN is normally packaged in 25 or 50 kg net export quality bags (5-ply, one ply being water-proofed). Alternate packaging as well as palletization, overwrapping and strapping, is available on request.

MESUCO-BEN is a Messina trademark