

# WYOMING GEL

Bentonite

## VISCOSIFIER AND FILTRATION CONTROL

Sodium montmorillonite (**Wyoming Gel**) is sold under various trade names. In fresh water it yields 92-100 bbl/ton of 15 cps viscosity mud.

**Earth Pro Wyoming Gel** conforms to the following API specifications (API Spec 13A, Section 4 Fourteenth Ed. Aug. 1991). Suspension of 22.5 grams in 350 ml of distilled water.

**Wyoming Gel** is used for viscosity and filtration control in fresh water mud systems. In muds with a salinity of 3500 mg/L or higher the bentonite must first be prehydrated in fresh water.

## PHYSICAL PROPERTIES:

Appearance: Tan powder  
Specific Gravity: 2.45-2.55  
Bulk Density: 881 kg/m<sup>3</sup>  
Flash Point: 10% maximum

## CHEMICAL PROPERTIES:

Type: Sodium montmorillonite  
pH: 9.1 (5% solution)

## MIXING & HANDLING

Mix directly through the mud hopper at no faster than 4-6 minutes per sack. Avoid breathing dust. It is advisable to use a dust mask and eye protection while mixing all powdered products.

WHMIS: Controlled (see SDS)

TDG: Not regulated

Packaging: 40kg sack

