

PRODUCT DATA

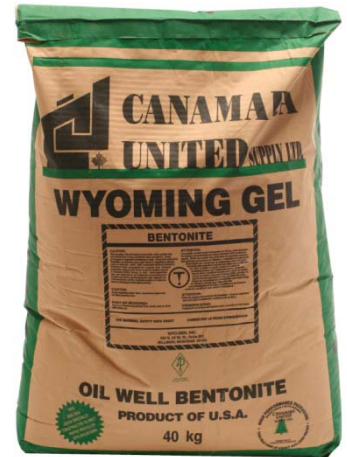
Wyoming Gel

Viscosifier, Clay Controller
Flocculant, Lubricant

Description **Wyoming Gel** is a trade name for sodium montmorillonite. In fresh water, **Wyoming Gel** yields 92-100 bbl/ton of 15 cps viscosity fluid.

Wyoming Gel forms a suspension of 22.5 g in 350 ml of distilled water, conforming to the API specifications (*API Spec 13A, Section 4 Fourteenth Ed. Aug. 1991*).

Application **Wyoming Gel** is used in most drilling industries.



Properties

Physical		Chemical	
Appearance:	Tan powder	Mineral:	Sodium Montmorillonite
Specific Gravity:	2.45-2.55	Solubility:	Not soluble (forms colloidal suspension)
Bulk Density:	881 kg/m ³	pH:	9.1 (5% suspension)
Moisture Content:	10% maximum	Microtox:	Not applicable

Function Wyoming Gel is used for viscosity and filtration control in fresh water mud systems.

Mixing In fluids with a salinity of 3500 mg/L or higher, pre-hydrate **Wyoming Gel** in fresh water. Mix **Wyoming Gel** directly through the mud hopper at no faster than 4-6 minutes per sack.

Handling Avoid breathing in **Wyoming Gel** dust. Use a dust mask and eye protection while mixing.

WHMIS: Controlled (see MSDS)

TDG: Not regulated

Packaging: 40 kg bag

Physical properties and bioassay information are available on request.

