



OMV-100

DESCRIPTION

An organophilic clay used to develop gel strength and adjust rheological properties of an oil based drilling fluid.

PROPERTIES

Physical		Chemical	
Appearance:	Tan coloured powder	Type:	Organophilic clay
Specific Gravity:	1.7	Solubility:	Not soluble (water, oil)
Bulk Density:	Not available	pH:	Not available
Moisture Content:	Not available	Microtox:	Not applicable
Flash Point:	Not available		

APPLICATION

The concentration of OMV-100 required depends on the oil/water ratio and density of the mud system. A fluid with a higher oil/water ratio (90/10) will require more OMV-100 than a fluid with a lower oil/water ratio (70/30). A higher density fluid will generally require less product than low-density fluids.

In water-free oil base systems, small amounts of polar additive, such as methanol, will be required to produce full yield. Generally, concentrations will be in the range of 2.85-14.25 kg/m³ depending on requirements.

MIXING AND HANDLING

Mix directly through the mud hopper. Avoid mixing too rapidly. A mask and goggles must be worn to prevent inhalation of dust and contact with the eyes. Fresh air ventilation should be provided in the mixing area.

WHMIS: Controlled (see MSDS)	TDG: Not regulated	PACKAGING: 50 lb sack
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