



HUMALITE (Lignite)

DESCRIPTION

Humalite is a naturally oxidized coal known as Leonardite. The name applies to all forms of highly weathered humic acid.

PROPERTIES

Physical		Chemical	
Appearance:	Dark brown/black powder	Mineral:	Leonardite
Specific Gravity:	1.5	Solubility:	Soluble (pH dependant)
Moisture Content:	16-24%	pH:	1.45 (1% solution)
Flash Point:	>200°C	Microtox:	Pending

APPLICATION

Humalite is used in water-based muds as a thinner (dispersant), oil emulsifier and a secondary filtration control agent. Concentrations vary from 6.0-60.0 kg/m³ depending upon the solids content of the system. Super-Lig is also a much more stable thinner and filtration control additive at high temperatures than are the lignosulfonates.

Humalite requires the presence of hydroxyl ions (OH) for maximum effectiveness.

MIXING AND HANDLING

Mix directly through the mud hopper. Caustic Soda additions will be required to maintain the pH at 9.5 or higher. It is advisable to use a dust mask and eye protection while mixing all powdered products.

WHMIS: Controlled (see MSDS)	TDG: Regulated (see MSDS)	PACKAGING: 50 lb sack
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