



Product Information

Gel (Natural Bentonite)

GENERAL DESCRIPTION

Bentonite – Natural Gel is used in drilling operations where unaltered high quality bentonite is desired. Ideal for drilling water monitor wells where additives may affect chemical analysis.

Bentonite – Natural Gel is used in oil and gas exploration, slurry trenching, diaphragm walls, and as a soil add mixture.

FEATURES AND BENEFITS

- Manufactured to exceed API 13A, Section 10 Specifications
- 200 mesh viscosity builder
- Naturally enhances fluid loss characteristics
- Aids bore hole and trench stabilization
- Has no additives to influence water analysis
- pH of 9.1 ± 0.1

RECOMMENDED TREATMENT

Mix 20 to 50lbs per 100 gallons of make-up water. Allow extra circulation time before drilling to insure proper hydration of Bentonite – Natural Gel.

TYPICAL PHYSICAL PROPERTIES

SiO ₂	61.04	MgO	1.70
Al ₂ O ₃	18.10	CaO ₃	0.40
Fe ₂ O ₃	3.50	TiO ₂	0.20
K ₂ O	0.10	Na ₂ O	2.30
MnO	0.10	H ₂ O	7.80
L.O.I *	4.40	Other	0.07

*Loss on Ignition

HANDLING

Bentonite – Natural Gel is a controlled product using the WHMIS classification D2A but is not regulated by TDG.

Refer to MSDS information for specific precautions and handling.

AVAILABILITY

Bentonite – Natural Gel is available in 40kg bags from HiTech Fluid Systems Ltd.