

ATTAPULGITE CLAY

GENERAL INFORMATION

SALT GEL is attapulgite clay mainly composed of magnesium hydroxy-silicates, primarily used as a viscosifier in wide range saline water for water based muds.

TYPICAL PROPERTIES

Appearance	Light cream granules
Type	Attapulgite clay conforming to API specifications.
Solubility	Insoluble
PH (10% solution)	9.5 ± 0.5
Density	2.2 (water = 1)

PRODUCT APPLICATION

‘SALT GEL’ attapulgite clay is highly effective viscosifier in salt water drilling muds, where bentonite becomes ineffective viscosifier. ‘SALT GEL’ does not control the fluid loss, which is due to the property of attapulgite particles. The fluid loss can be controlled by adding drilling starch or CMC or other polymers. SALT GEL usually used in drilling upper hole section where pre-hydrated bentonite can be added to the mud systems to control the fluid loss and build better and thinner filter cake. ‘SALT GEL’ is applicable in viscous pills with LCM to be spotted in lost circulation zones.

The recommended dosage of SALT GEL can vary significantly depending on the type of mud system, ranging from 1% to 4%.

SAFETY

SALT GEL – Attapulgite clay that may contain crystalline silica. Wear protective clothing when handling product. In case of eye or skin contact, flush and wash with plenty of fresh water, if irritation persists then consult a physician.

PACKAGING

SALT GEL is packaged in 25 kg bags and 1000kg IBC's.