



Product Information

Salt Gel

GENERAL DESCRIPTION

Salt Gel is a hydrous magnesium silicate (sepiolite) utilized as a viscosifier in water based drilling fluids, where the salinity exceeds 35,000mg/L.

Salt Gel is primarily utilized to provide viscosity in high salinity drilling fluids.

FEATURES AND BENEFITS

Salt Gel is a cost effective viscosifier for use in salt water and salt saturated drilling fluids. Salt Gel is very effective when utilized in lost circulation pills in zones of high porosity. Salt Gel is not affected by prolonged exposure to high temperatures and will exhibit stable rheology under high temperature conditions.

RECOMMENDED TREATMENTS

Salt Gel is normally added in concentrations of 45-75kg/m³ as needed to increase viscosity to desired level. Salt Gel yields more efficiently when subjected to high shear conditions.

TYPICAL PHYSICAL PROPERTIES

Appearance	Cream Coloured Powder
Specific Gravity	2.4
Bulk Density kg/m ³	720-770

HANDLING

Salt Gel is classified as a D2A controlled product using the WHMIS system.

Refer to MSDS information for specific precautions and handling.

AVAILABILITY

Salt Gel is available in 22.68kg bags from HiTech Fluid Systems Ltd.