

ChemSol

DRILLING FLUID PRODUCTS

POTASSIUM CHLORIDE (KCL)

PRODUCT DESCRIPTION

Potassium Chloride provides potassium ions to inhibit shale swelling and dispersion. By inhibiting shale swelling and dispersion borehole stability is maintained.

RECOMMENDED TREATMENT

Drilling conditions and system requirements will determine the concentration of Potassium Chloride needed. Concentrations of potassium and chlorides should be compared to a chlorides chart. Potassium Chloride may be added through the mud hopper.

PRODUCT ADVANTAGES

- The most economical source of potassium ions.
- Does not affect pH levels of the fluid.
- Proven effective in troublesome shale's and sands.

TYPICAL CHEMICAL SPECIFICATION AND PROPERTIES

Physical Appearance:	Fine White Granules
Typical Bulk Density:	65 – 75lb/ft ³
Potassium Chloride as KCL:	98.80% - Typical

PRODUCT HANDLING

Review all product specification and MSDS information prior to product application. Utilize chemical handling equipment and personal protection apparel (i.e. goggles & gloves) as specified in product MSDS when handling this material. Avoid inhalation and direct contact with eyes.

STORAGE

Store Potassium Chloride in a well ventilated area away from contact with moisture.

PACKAGING

Potassium Chloride is available in 50lb bags, 2450lb bulk bags, and in bulk.