



TECHNICAL DATA SHEET

POTASSIUM CHLORIDE – KCl 98%-99% PREMIUM OIL FIELD GRADE, CRYSTALLINE

DESCRIPTION:

POTASSIUM CHLORIDE (KCl) IS A CRYSTALLINE SOLID AVAILABLE IN PURITIES OF 96% TO 99%. IT IS AN EXTREMELY EFFICIENT SHALE STABILIZER WHEN DRILLING HYDRO SENSITIVE CLAYS AND SHALES. KCl IONS ENTER CLAY PLATELETS IN THE SHALE PREVENTING ENTRY OF WATER FROM THE DRILLING FLUID.

OVERVIEW

POTASSIUM CHLORIDE (KCl) IS A NATURAL, HIGH-PURITY, DRY CRYSTALLINE INORGANIC SALT, SPECIFICALLY FORMULATED TO FORM CLEAR BRINED USED IN WORKOVER AND COMPLETION OPERATIONS THAT REQUIRE DENSITIES RANGING FROM 8.4 TO 9.7 LB/GAL (1007 TO 1162 KG/M³ OR 1 SG TO 1.162 SG).

APPLICATION:

POTASSIUM CHLORIDE IS USED TO MAINTAIN OR INCREASE THE DENSITY OF KCl SYSTEMS POTASSIUM CHLORIDE (KCl) BRINE SYSTEMS ARE SINGLE-SALT SOLUTIONS OF POTASSIUM CHLORIDE AND WATER. POTASSIUM CHLORIDE BRINE SYSTEMS HAVE RANGING DENSITIES FROM 8.4 TO 9.7 LB/GAL (1,007 TO 1,162 KG/M³). THE DESIRED DENSITY IS OBTAINED BY MIXING DRY POTASSIUM CHLORIDE AND WATER.

HANDLING AND STORAGE:

STORE POTASSIUM CHLORIDE INDOORS, TAKING SPECIAL CARE TO KEEP THE MATERIAL DRY. PROTECTIVE CLOTHING, INCLUDING GOGGLES AND DUST MASK IS RECOMMENDED. IN THE EVENT OF SKIN CONTACT, WASH WITH LARGE QUANTITIES OF WATER. FOR EYE CONTACT, FLUSH WITH LARGE QUANTITIES OF WATER AND IMMEDIATELY SEEK MEDICAL ATTENTION.

PACKAGING:

POTASSIUM CHLORIDE CAN BE PACKED IN VARIETY OF SACKS, AS PER CUSTOMER'S REQUIREMENTS

Disclaimer for Specifications: Every effort is made to ensure accuracy of specifications. However, specifications should be used as a guideline. Final specifications are to be determined by an independent inspection at port of loading. Handling and transportation may affect the analysis of the delivered product.



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