

Description

POTASSIUM CHLORIDE (KCl) is a white inorganic powdered salt of 99% purity.

Typical Properties

Appearance : White free flowing powder
pH (1% solution) : 7.5 - 8.0
Purity : 99%

Features and Benefits

POTASSIUM CHLORIDE is used to prepare solids free workover and completion fluids with densities up to 9.7 lb/gal.

POTASSIUM CHLORIDE brines contribute to formation damage control by stabilizing the water sensitive clays during workover and completion operations.

POTASSIUM CHLORIDE is used as economical source of potassium for inhibitive water-base drilling and completion fluids.

POTASSIUM CHLORIDE brines eliminate the risk of scale formation when either the produced gas or formation waters are rich in carbonate and sulfate ions.

Application

POTASSIUM CHLORIDE is used to build clear brine workover and completion fluids for formations with pressure gradients ranging from 0.437 to 0.504 psi/ft. POTASSIUM CHLORIDE is also used as a potassium source in inhibitive water-base drilling fluids.

Treatment

Refer to mixing tables to obtain the desired density and crystallization temperature. POTASSIUM CHLORIDE is added to fresh water through the rig hopper while agitating until crystals completely dissolve.

Packaging

POTASSIUM CHLORIDE is supplied in 25 kg (55 lb) or 50 kg (110 lb) moisture-proof of multi-wall sacks. It is also available in 1MT big bag.