



Potassium Chloride Solution

SINGLE SALT BLENDS

Overview

Potassium Chloride Solution is a single-salt potassium chloride solution that is used as a completion, workover, or packer fluid. It is also an effective clay/shale stabilizer in water sensitive formations.

It can be formulated to meet density and crystallization temperature requirements over the density range from 8.4 lb/gal to 9.7 lb/gal.

These blends are generally formulated using dry potassium chloride and fresh water.

Features and Benefits

- Its inhibitive properties can prevent hydration and migration of swelling clays.
- It can be used to avoid scaling and precipitation problems in certain environments.
- This fluid is generally compatible with most oilfield elastomers.

Caution: Fluid additives, formation water and other contacting fluids should be screened for compatibility with the brine prior to use.

Physical Properties

Appearance	Odorless, colorless liquid
pH	6 to 9
Specific gravity	1.007 - 1.163 @ 60°F (15.5°C)
Crystallization Temperature	14°F - 60°F

Packaging Information

Bulk Liquid

Recommended Treatment

See blending tables or consult a TETRA representative for specific recommendations.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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