



Potassium Chloride 98%

DRY SALTS

Overview

Potassium Chloride dry salt weighting material is a free flowing crystalline powder of 98% potassium chloride that can be used for formulation and density maintenance of workover and completion fluids up to 9.7 lb/gal. It is effective in water sensitive formations as a shale stabilizer and may be used in combination with other salts to enhance inhibition.

Features and Benefits

- Inhibitive properties can prevent hydration and migration of swelling clays.
- Can be used to avoid scaling and precipitation problems in certain environments.
- 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.

Application Information

Potassium Chloride dry salt weighting material can be added to make-up water or an existing brine system while agitating until crystals dissolve. Potassium Chloride solutions become saturated at 24% by weight (9.7 ppg). The dissolution rate of this salt decreases as saturation approaches; therefore, rapid agitation and heat may be required to attain a density of 9.7 ppg.

Physical Properties

Appearance	White free flowing crystals
pH	5.4 - 8.6 @ 5% solution
Specific gravity	1.98 @ 25°C
Water Solubility	25.6% (wt) @ 20°C

Packaging Information

50, 100, 2,000 and 3,400 lb. bags
25 and 1,000 kg. bags

Recommended Treatment

Use the amount necessary for density adjustment. 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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