Solent Chemicals
Solutions for a better tomorrow

TECHNICAL DATA SHEET
75% Potassium Formate Solution

Potassium Formate Solution is used to formulate high-density and solids-free fluids in water-based drilling, completion, workover and fracturing operations, ranging in densities from 1007 to 1570 kg/m^3 (8.4 to 13.1 lb/gal).

Typical Characteristics

Parameter	Specification
Appearance	Clear liquid
Assay (%)	≥ 75
Specific gravity @ 25°C (g/cm^3)	≥ 1.57
pH, 10% aqueous solution	9.0 – 11.0
Turbidity, NTU	≤ 10.0

Application

- Makes non-corrosive drilling and completion fluid formations that is stable in HTHP operations
- Stabilizes shales, extends polymer stability and enhances borehole stability
- Improves well productivity with excellent compatibility at reservoir conditions with reservoir fluids
- Offers better hole cleaning and increases circulation rates by providing optimum hydraulic flow
- Reduces potential formation damage resulting from clay swelling, clay dispersion or migration, as well as damage due to precipitate formation that can occur when using calcium-based fluids in wells with high carbonate, bicarbonate or sulfate concentrations

Packaging and Storage

Packaged in 1570 kg drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and /or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

This document is supplied solely for informational purposes and Solent Chemicals makes no guarantees or warranties, either expressed or implied, with respect to the accuracy and use of this data. All product warranties and guarantees shall be governed by the Standard Terms of Sale.

Solent Chemicals Private Limited (Company Reg. No: 200914789R)
No. 12 New Industrial Road, #03 -02A Morningstar Center, Singapore 536202
Tel: (65) 6383 0138 | Fax: (65) 6383 5228 | admin@solentchem.com