

Potassium Formate Powder

Potassium Formate powder easily soluble in water, non-toxic and non-corrosive, is a high-purity, dry crystalline organic salt used to formulate brine. Potassium Formate is used to make high density and solids-free formate brine in the operations of water based drilling, completion, workover and fracturing, which require densities ranging from 8.4 to 13.1 lb/gal (1004 – 1573 kg/m³).

Typical Physical Properties

Appearance	White Crystalline Powder
HCOOK, %	97.0 min
Relative Density @ 25°C	1.91 g/cm ³

Application

Formate brine make non-corrosive drilling and completion fluid formations that is stable in HTHP operations. Formate brine stabilizes shales, extend polymer stability and enhance borehole stability. Formate brine improves well productivity with excellent compatibility at reservoir conditions with reservoir fluids. Formate brine provides an excellent chloride free, environmentally benign, and alternative to traditional high density brines.

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 Material Safety Data Sheet (MSDS).

Packaging and Storage

Packed 25 kgs Sack or 1 MT Jumbo Bag.

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.

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