

Sodium Formate is a high-purity, dry crystalline organic salt used to formulate brines used in drilling, workover and completion operations which require densities ranging from 1004 – 1320 kg/m<sup>3</sup> (8.4 – 11.0 lb/gal).

### Typical Physical Properties

Appearance	Crystalline Powder
Assay (%)	98.0 min
NaOH (%)	0.5 max
Na <sub>2</sub> CO <sub>3</sub> (%)	1.0 max
NaCl (%)	0.2 max
Na <sub>2</sub> S	0.03 max
Water (%)	0.6 max

### Application

Sodium Formate drilling fluid system is a completion fluid system with a semi-permeable membrane effect. It has high density and low viscosity, and helps improve drilling speed, protect oil (gas)-bearing layer, prevent collapse and extend the life of the drill bit and oil well. Sodium Formate fluids are excellent shale stabilizers for water-sensitive clay/shale formations and clay containing sandstones. They provide an environmentally safe alternative to chloride 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 Safety Data Sheet (SDS).

### Packaging and Storage

Packed in 25 kgs Bag and 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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