Solent Chemicals
Solutions for a better tomorrow

# TECHNICAL DATA SHEET
# 98% Sodium Formate Powder

Sodium Formate Powder 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 to 1320 kg/$m^3$ (8.4 to 11.0 lb/gal).

**Typical Characteristics**

| Parameter | Specification |
|---|---|
| Appearance | Crystalline powder |
| Assay (%) | ≥ 98.0 |
| NaOH (%) | ≤ 0.5 |
| $Na_2CO_3$ (%) | ≤ 1.0 |
| NaCl (%) | ≤ 0.2 |
| $Na_2S$ (%) | ≤ 0.03 |
| Water (%) | ≤ 0.6 |

**Application**

- Completion fluid system with a semi-permeable membrane effect
- Having high density and low viscosity – helps improve drilling speed, protect oil (gas)-bearing layer, prevent collapse and extend the life of the drill bit and oil well
- Excellent shale stabilizers for water-sensitive clay/shale formations and clay-containing sandstones
- Environmentally safe alternative to chloride brines

**Packaging and Storage**

Packed in 25 kg 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.

**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).

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