SODIUM BROMIDE

P1619.9603

WBM/OBM Drilling

Product Description

SODIUM BROMIDE (NaBr) is a single salt clear brine fluid and a strong salt solution.

Product Function

SODIUM BROMIDE can be used with sodium chloride brine to formulate non-damaging fluids of densities from 10.0 lb/gal to 12.7 lb/gal.

Features and Benefits

SODIUM BROMIDE is typically used where the formation or produced water is sensitive to calcium fluids. SODIUM BROMIDE exhibit lower crystallization temperatures than corresponding sodium chloride or sodium chloride/sodium bromide-based completion brines in the same density range. SODIUM BROMIDE exhibits lower potential for stress corrosion cracking with high-chrome tubulars. SODIUM BROMIDE is non-damaging to the formation, thermally and chemically stable, can be blended with other solutions of bromides and chlorides and especially useful when used in formations that are known to have calcium sensitivity.

Recommended Treatment

Treatment levels are determined by specified requirements.

International Shipping References

Transportation of SODIUM BROMIDE is not restricted by any regulatory agency.

Standard Packing

SODIUM BROMIDE is packaged in 25 kg sack or one metric ton jumbo bag.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Both
- Sub Category: Heavy Brines
- SG value: 3.21
- Bulk Density Kg/m³: 1200 - 1300
- Purityss: 99
- Max Temperature: 300
- Category: Dry Salts
- Product Tier: Regular
- Appearance: White crystalline solid
- pH (5% solution): 5.5 - 8.5

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