

COMPLETION FLUIDS & ADDITIVES PRODUCT

CALCIUM/ZINC BROMIDE SOLUTION

Multi-Salt Blends

OVERVIEW

Calcium/Zinc Bromide Solution is two-salt ($\text{CaBr}_2/\text{ZnBr}_2$) brine fluid used as a completion, workover or packer fluid. It can be formulated to meet individual density and crystallization temperature requirements over the density range from 15.0 lb/gal to 19.2 lb/gal. These blends are generally formulated using 14.2 ppg Calcium Bromide, 19.2, Calcium/Zinc Bromide, and Dry Calcium Bromide.

FEATURES AND BENEFITS

- ▶ Inhibitive properties can prevent hydration that may lead to migration of swelling clays.
- ▶ Can be blended with other clear brine fluids to achieve a specific density and crystallization temperature.
- ▶ Generally compatible with most oilfield elastomers.

Caution: Fluid additives, formation water and other contacting fluids should be screened for compatibility with the brine prior to use.

RECOMMENDED TREATMENT

- ▶ Use the amount necessary for density adjustment.
- ▶ See blending tables or consult a TETRA representative for specific requirements.

SAFETY AND HANDLING

- ▶ Please refer to the product's Safety Data Sheet.

PHYSICAL PROPERTIES

Appearance

Clear amber liquid

pH

< 4.0

Specific Gravity

1.8 to 2.30 @ 60°F (15.5°C)

Density

15.0 to 19.2 lb/gal @ 60°F (15.5°C)

Crystallization Temperature

Formulation Dependent

PACKAGING INFORMATION

Bulk Liquid



Contact us to learn more at: www.onetetra.com

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