



19.2 Calcium/Zinc Bromide

MULTI-SALT BLENDS

Overview

19.2 Calcium/Zinc Bromide is a two-salt ($\text{CaBr}_2/\text{ZnBr}_2$), clear, solids-free brine fluid with a density of 19.2 pounds per gallon. It is typically blended with calcium bromide and calcium chloride to formulate blends with various densities and crystallization temperatures. 19.2 Calcium/Zinc Bromide can also be used as a spike fluid in clear brine fluids.

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, except nitriles.

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

Physical Properties

Appearance	Clear to amber liquid
pH	< 4.0
Specific gravity	2.30 @ 60°F (15.5°C)
Density	19.2 lb/gal @ 60°F
Crystallization Temperature	16°F

Packaging Information

Bulk Liquid

Recommended Treatment

Use the amount necessary for density adjustment. Consult a TETRA representative for specific requirements.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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