



MYKOWELL

PRODUCT BULLETIN

Zinc Bromide Liquor / Calcium Bromide

Zinc Bromide/Calcium Bromide brine, often referred to as 54.5% Zinc Bromide and 19.5% Calcium Bromide. It is used for clear-brine workover, completion and packer fluids that require high density range of up 19.2 ppg (2.3 SG).

Typical Physical Properties

Appearance	Clear Colourless to Yellowish Liquid
Zinc Bromide, %	50 - 55
Calcium Bromide, %	20 - 25
Specific gravity (25°C)	2.3 g/cm ³ min
pH @ 5% DI water	2.0 - 6.0

Application

Zinc Bromide/Calcium Bromide brine is used as clear-fluid brine during workover and completion operations which require densities up to 19.2 lb/gal (2301 kg/m³). It is blended with calcium chloride/calcium bromide brines to formulate and control density of various fluids blends.

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 Material Safety Data Sheet (MSDS).

Packaging and Storage

Packed in 55 USG HDPE drum or 1000 Litres IBC (Tote tank).

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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