

CALCIUM BROMIDE 14.2 CLEAR BRINE FLUID (CBF)

Product Data Sheet

General Description

Calcium bromide is a single salt (CaBr_2) clear brine fluid with a density of 14.2 pounds per gallon. Calcium bromide has the following feature and benefits:

- It is nondamaging to the formation,
- It is thermally and chemically stable,
- It can be blended with other solutions containing bromides and chlorides, and
- It contains 52% (by weight) calcium bromide in solution.

Applications

Calcium bromide can be used with calcium chloride brines and dry calcium chloride to formulate nondamaging fluids of densities from 11.7 lb/gal to 15.1 lb/gal.

Availability

Calcium bromide is available from a variety of Gulf Coast plant locations.

Safety and Handling

Calcium bromide is a strong salt solution. Protective clothing, rubber gloves, and eye protection are recommended. Rubber safety boots should also be worn in work areas, since calcium bromide can damage leather. This product should be handled in areas with proper ventilation. Before using this product, refer to the MSDS (available on the Company's website) for complete safety and handling guidelines. For proper disposal guidelines for calcium bromide wastes, consult the appropriate local regulatory authorities.

Storage: Epoxy-lined tanks

PHYSICAL PROPERTIES

Color	30 APHA maximum
Clarity	Clear
Odor	None
Assay	52% by weight CaBr_2
Crystallization Temperature	20°F (-7°C)
Turbidity	6 NTU maximum
Bulk Density	14.2 lb/gal

CHEMICAL PROPERTIES

Chemical	CaBr_2
pH	7.0

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