

Calcium Bromide Manufacturing Industry

Description:

Calcium Bromide Manufacturing Industry. Calcium Bromide (CaBr₂) Factory. Bromine Compounds Business Ideas & Opportunities

Calcium bromide (CaBr₂) is a single salt clear brine fluid of 14.2 lbs/gal density. Calcium Bromide is a chemical compound that is used along with calcium chloride in well completion operations to make the solids free from brines. After the process the solids should have densities lying in the range of 11.5 to 14.5 ppg. Brine is usually produced along with oil and it provides osmotic wellbore stability while drilling water-sensitive shale zones.

Calcium bromide is an odorless white powder that reacts readily with water. It is the calcium salt of hydrobromic acid, a strong acid used to generate other compounds with industrial uses. Financial markets now track calcium bromide and related compounds due to their importance in a number of different sectors.

Uses and Applications:

Calcium bromide is used in two main applications – clear brine fluids in oil & gas and as an oxidizer for mercury emissions control. In upstream oil and gas, calcium bromide is used to control wellbore pressures during completion and workover operations. Calcium Bromide powder, dissolved in water or other brines, yields completion, workover and packer fluids with a maximum density of 15.3 ppg/1.83 s.g. It is useful in adjusting the density of fresh or recycled workover, completion and packer brines.

For more details download PDF file.

Keywords: Calcium Bromide, Bromine Derivatives, Clear Brine Fluids, Clear Brine Fluids (Calcium Bromide), Production of Calcium Bromide, How Calcium Bromide is Manufacturing, Calcium Bromide Manufacturing Process, Production of Bromine Compounds, Calcium Bromide Manufacture, CaBr₂, Calcium Bromide Manufacture in India, Calcium Bromide Powder Manufacture, Calcium Bromide Uses, Calcium Bromide Factory, Producing Calcium Bromide, Process for Production of Calcium Bromide, Calcium Bromide Liquid, Calcium Brom

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