



EcoOilField-B-199

Calcium Bromide

Chemical Name: Calcium Bromide

Brand Name: EcoOilField B-199

CAS NO.: 7789-41-5

Chemical Formula: CaBr₂

Molecular Weight: 199.91

Application :

Calcium Bromide powder, dissolved in water or other brines, yields completion, workover and packer fluids of densities of up to 2.3 g/ml (19.2 lb./ US gallon). It is useful in adjusting the density of fresh or recycled workover, completion and packer brines.

Calcium Bromide brine, Clear, 52% by itself (at 14.2 lb./US gallon) or combined with Calcium Chloride, will give oil and gas well completion, workover and packer brines with bulk densities of up to 15.1 lb./US gallon. Brines with crystallization points of as low as -30°C are supplied for use in cold climates.

Technical Data Sheet

Analysis Item	Index A	Index B
Appearance	White Free-flowing Powder	Colorless Transparent Liquid
Purity %	96 min	52 min
PH	6-8	6.5-8.5
Water insoluble %	0.4 max	0.03 max
Chloride %	0.5 max	0.2 max
Sulphate %	0.05 max	0.03 max
Color	/	IOAPHA max
Density: (at 20 CC):	3.3 g/ml min	1.70 g/ml min

Packing:

A: 25kg PP woven bag with PE bag inner, 40 bags per pallet, Jumbo bag (1Mt/bag) 20 MT per 20ft container

B: Packed in 55gal HOPE drums of 340kg net, 64 drums (21,760kg) per 20ft container, or packed in 1000L IBC's of 1700 kg net, 13 IBC's (22,100kg) per 20ft container.