



TECHNICAL DATA SHEET
April 1, 2011

DSC HYDRO MAG
pH Buffer

Description:

DSC HYDRO MAG is a white inorganic powder.

Application:

DSC HYDRO MAG is used to buffer fresh and brine waters at a pH of approximately 10.0 in most cases. **DSC HYDRO MAG** is safer to use than its most popular alternative, caustic soda. It is almost two times more effective in neutralizing a unit of acid. **DSC HYDRO MAG** is a better neutralizer than sodium carbonate, calcium oxide, calcium hydroxide, ammonia, potassium carbonate, and potassium hydroxide. Alternative products often conclude higher pH, causing precipitates which carry viscosifying polymers with them. Often, acid gases within a packer fluid are responsible for corrosion. The presence of **DSC HYDRO MAG** will neutralize these gases.

Add 0.1 to 0.3 lbs. per barrel for normal waters/brines. Test for residual alkalinity, especially in packer waters as some waters may be extremely acidic prior to treating.

Packaging:

DSC HYDRO MAG is packaged in 50 lb. multi-wall sacks.