

# AMC WATER TREATMENT™

Treating Chemicals



## Description

WATER TREATMENT™ is a mixture of different specialized chemicals used in drillings fluids to remove dissolved calcium and magnesium (hardness) and increase alkalinity (pH).

## Application

WATER TREATMENT™ is used to treat soluble calcium and magnesium present in the make-up water and fluid system. Treatment is required prior to the addition of bentonite and most polymers as hardness can severely interfere with their performance and increase the dosages required to achieve the desired fluid properties.

The most efficient way to treat contamination and make pH adjustments is to titrate for hardness and test pH using a meter or indicator strips. Addition of WATER TREATMENT™ should always be done prior to addition of polymers or bentonite; pH should ideally be maintained in the range of 8.5 – 9.5.

## Recommended Treatment

0.5 - 4kg/m<sup>3</sup> depending on the quality of the water.

*Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.*

## Advantages

- Easy to use
- Economical
- Effective in removing soluble calcium
- Effective at increasing pH
- Reduces the impact calcium has on product dosage rates
- Reduces overall fluid costs

## Typical Physical Properties

Appearance:	White to off white powder
Solubility in water:	Soluble

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