



## Product Information

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### Bicarbonate of Soda

#### GENERAL DESCRIPTION

Bicarbonate of Soda ( $\text{NaHCO}_3$ ) is used primarily to remove Calcium contamination from water base drilling fluids, following cementing operations.

#### FEATURES AND BENEFITS

Bicarbonate of Soda effectively and economically treats out Calcium ions ( $\text{Ca}^{++}$ ) by removing them as an insoluble carbonates.

Bicarbonate of Soda reduces the pH of the drilling fluid.

Bicarbonate of Soda is primarily utilized as to prevent or treat Calcium contamination from cement in water base drilling fluids.

#### RECOMMENDED TREATMENT

As a pretreatment for drilling hard cement, 50 lbs of Bicarbonate of Soda will treat approximately  $1\text{ft}^3$  of cement.

If green cement is anticipated, 2-3 times as much Bicarbonate of Soda will be required.

#### TYPICAL PHYSICAL PROPERTIES

Appearance:	white powder
Specific Gravity:	8.3
Solubility:	soluble in water
Pour Point:	2.16

#### HANDLING

Bicarbonate of Soda is not a controlled product using the WHMIS classification.

Refer to MSDS information for specific precautions and handling.

#### AVAILABILITY

Bicarbonate of Soda is packaged in 22.68kg and 25kg bags and is available from HiTech Fluid Systems Ltd.