

## **BICARBONATE of SODA** CALCIUM SEQUESTER

**BICARBONATE of SODA ( $\text{NaHCO}_3$ )** is used primarily to remove calcium contamination from water-based drilling fluids following cementing operations.

### **FEATURES AND BENEFITS:**

- Primarily used to prevent or treat calcium contamination in water-based drilling fluids.
- Effectively and economically treats out calcium ions ( $\text{Ca}^{++}$ ) by removing them as an insoluble carbonate.
- Will reduce the pH of the drilling fluid.

### **RECOMMENDED TREATMENT:**

As a pre-treatment for drilling hard cement, 22.68 kg of BICARBONATE of SODA will treat ~1m<sup>3</sup> of cement.

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

### **PHYSICAL PROPERTIES:**

Appearance:	White granules
Specific Gravity:	2.16
Solubility:	Moderately soluble (1-10%)

### **MIXING/HANDLING:**

Mix through a conventional jet hopper. Refer to the SDS for specific handling requirements.

### **MICROTOX<sup>®</sup> THRESHOLD: TBD**

### **PACKAGING: 25 kg bags / 56 bags/pallet**