

## SHARKBUF

### Product Description

SHARKBUF® pH buffer is used to provide alkalinity for all water-based systems and is compatible with freshwater, brines, and brine polymer systems. SHARKBUF® pH buffer will dissolve in water and raise the pH of an aqueous system to 10.3. At pH 10.3, no more SHARKBUF® pH buffer will dissolve. The remaining undissolved product will dissolve if the pH starts to fall and thereby act as a pH buffer. SHARKBUF® pH buffer can be safer to use than caustic soda.

### Applications/Functions

- SHARKBUF® pH buffer can be used to increase the pH of aqueous systems up to 10.3
- Alternative to lime for treatment of carbon dioxide contamination

### Advantages

- Can be safer and more suitable than caustic soda for controlling pH in polymer systems
- Can reduce the potential for hydrolysis of polymers compared to use of caustic soda and lime
- Does not cause precipitates to form when added to calcium or magnesium brines

### Typical Properties

- Appearance: Fine white powder
- Composition: Minimum 92% as MgO
- Specific gravity: 3.58

### Recommended Treatment

- The normal treatment range of SHARKBUF® pH buffer is 0.1-2.0 ppb in most fluids
- Note: Up to 3 ppb may be used in drill-in fluids

### Package

- 25 KG SACK

