Boost N Lock

Alkalinity Sources Blended for pH Control

Boost N Lock raises the pH to neutral, and just as importantly holds it there. Boost N Lock is a blend of the best alkalinity sources available. It contains magnesium hydroxide, hydrated lime, sodium bicarbonate, and sodium carbonate in specific proportions. The combination of these ingredients provides superior pH stabilization when compared to lime, soda ash, or sodium hydroxide.

Magnesium hydroxide is a great additive if the starting pH is less than 6. If this is your starting point, ask your technical rep about pricing and dosing for our pure magnesium hydroxide to get the pH adjustment process started. Boost N Lock provides buffering capacity and works to stabilize pH. Boost N Lock can also be used to make minor increases in pH. Our technical team can advise on pH adjustments.

- **Works in anaerobic digesters, and aerobic wastewater plants**
- **Alkalinity sources prevent pH drops and neutralize acidity**
- **More soluble than lime**
- **Longer lasting results than caustic soda (sodium hydroxide)**

Compared to the Competition:

Lime is insoluble and leads to inorganic sludge accumulation. Sodium hydroxide is hazardous to use, and is very easy to overdose. Using Boost N Lock instead takes both of these concerns out of the equation.

The Bugman AQUAFIX Inc.

P.O. Box 8682
Madison, WI
53708-8682

P: 888.757.9577
F: 866.636.1864

info@teamaquafix.com
www.teamaquafix.com

Dose Rates

Boost N Lock

Anaerobic Digester Dosing: Starting pH Greater Than 6		
Digester Capacity Gallons	Initial Dose Per day, until pH is neutral	Maintenance Dose Once per day, or as needed
100,000 GPD	60 lb	5 lb
500,000 GPD	300 lb	25 lb
1 MGD	600 lb	50 lb

WWTP Dosing: Starting pH Greater Than 6		
Flow Rate Gallons per day	Initial Dose Per day, until pH is neutral	Maintenance Dose Once per day, or as needed
100,000 GPD	40 lb	3 lb
500,000 GPD	200 lb	15 lb
1 MGD	400 lb	30 lb

Boost N Lock Available Sizes:

- 50 lb bag, bulk
- 40 bag pallet, discounted rates

Boost N Lock Dosing:

- Add to basin or digester once per day
- If existing pH is less than 6, start with our magnesium hydroxide
- The dosing table above is a starting point. Begin here, and after 12 and 24 hours measure the pH. Adjust dose based on the trend observed
- Titration to measure buffering capacity is the best way to know exact requirements, but is often unnecessary, ask rep for procedure details if desired

Notes: