



# Boost N Lock

## Alkalinity Sources Blended for pH Control

Boost N Lock offers a reliable solution for achieving and maintaining neutral pH levels. It is a premium blend of alkalinity agents like magnesium hydroxide, hydrated lime, sodium bicarbonate, and sodium carbonate which provides superior pH stabilization when compared to lime, soda ash, or sodium hydroxide.

- **Safe and Effective pH Management:** Boost N Lock effectively raises the pH to neutral and maintains it, providing stability in both aerobic and anaerobic wastewater systems.
- **Optimal Alkalinity Sources:** Combines magnesium hydroxide, hydrated lime, sodium bicarbonate, and sodium carbonate in precise proportions for superior pH stabilization compared to traditional methods.
- **Enhance System Efficiency:** The unique blend not only adjusts pH but also provides significant buffering capacity to prevent pH fluctuations.
- **Enhanced Flocc Formation:** The high cation content aids in intra-flocc bridging, improving the structural integrity and settling properties of flocs.



### Anaerobic Digester Dosing

Starting pH Greater Than 6

Digester Capacity	Initial Dose <i>Once per day, until pH is neutral</i>	Maintenance Dose <i>Once per day, or as needed</i>
100,000 GPD	60 lb	5 lb
500,000 GPD	300 lb	25 lb
1 MGD	600 lb	50 lb

### AVAILABLE SIZES:

- 50 lb Bag, Bulk
- 40 Bag Pallet, Discounted Rates

### INSTRUCTIONS:

- Store in a cool, dark place for up to 2 years
- Add to basin or digester once per day
- For aerobic usage, contact a Technical Sales Rep for dosing information

### FOR BEST RESULTS:

- If existing pH is less than 6, start with our magnesium hydroxide
- The dosing table above is a starting point. After 12 and 24 hours measure the pH and adjust dose based on the trend observed.



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