



BIO BUF

Wastewater Treatment Buffer

Product Description

BIO BUF is a unique buffer derived from calcified seaweed, a photosynthetic plant growing on the ocean floor. It is rich in natural minerals (60) and has a high surface area and honeycomb structure for greater adsorption and sustained buffering capacity.

What are some benefits of using BIO BUF ?

- **Ammonia Reduction Aid** – provides adequate alkalinity and non-toxic environment for nitrification bacteria to proliferate.
- **Clarification Aid/TSS Reduction** – promotes healthier biomass structure and stability to improve settling and effluent clarity.
- **Odor Control** – helps to neutralize volatile fatty acids (VFA's) and H₂S to reduce odors.
- **Solids Thickening** – increases decant water volumes in digesters for improved solids control.
- **Biological Nutrient Removal** – helps to remove low levels of phosphorous in effluent waters to complement improved ammonia removal.

Dosage Rates:

Ammonia Control

11 lbs. / MG x TAN (in Effluent)

Trace Mineral Augmentation

0.5 ppm + (min. 4 lbs. / MG)

Clarification Aid

10 lbs. / 100,000 Gallons contained volume

TO ORDER CONTACT :



107 SOUTH RAMSEY LOOP • CROSBY, TEXAS 77532

PHONE: (281) 328-1677 • FAX: (281) 328-8337

ORDERS@BATESCHEMICAL.COM