Product Information Sheet

Cleanflux™ Bio

High pH Cleaner for Dense Biofilm

ADVANTAGES

- High pH cleaning compound for removal of biofilm and organic foulants
- Penetrates and disperses even the thickest and densest biofilms
- Extremely effective cleaning efficacy at short contact times
- Fully compatible with all membrane types
- Certified by NSF to NSF/ANSI/CAN Standard 60 for use in potable membrane systems

TYPICAL PROPERTIES

Appearance	Clear Yellow Liquid
Odor	Characteristic
Solubility in water	Complete

PACKAGING

5 gallon pails, 55 gallon non-returnable plastic drums and 275 gallon totes

CERTIFICATIONS

SAFETY & HANDLING

Store in a cool, dry place. In accordance with good safety practice, handle with care and avoid contact with eyes and prolonged or repeated contact with skin. Always wash hands thoroughly after handling. For more information, see the Safety Data Sheet provided with this product.

CHEMICAL FEEDING AND CONTROL

The cleaning solution should be prepared using RO permeate or softened water that is free of residual chlorine or other oxidizing agents. The solution should consist of 16.7 lbs of Cleanflux™ Bio for every 100 gallons of water (2 % by wt. solution), depending on severity of fouling. The cleaning solution is then circulated throughout the system without exceeding pressures, temperatures and flow rates recommended by the membrane manufacturer. Cleaning efficacy can be further improved by heating the cleaning solution and alternately circulating the solution for 30 - 60 minutes and then soaking the membranes for 30 - 60 minutes (soak for an equal amount of time as circulation). Typical cleaning time is 2 - 3 hours, however, in very severe cases, cleaning as long as 6 hours may be required. This should be repeated as many times as necessary. Sodium hydroxide should be added as necessary to the cleaning solution to maintain the pH range of 11- 12 throughout the entire cleaning process. Depending on severity of fouling, your AWC representative will recommend optimal cleaning times.

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