

BioRelease™ 100

Technical Data Sheet

BioRelease 100 is a surface tension reducer for wastewater applications.

Helps with:

- Loss of granules
- UASB bio-mass loss
- Granule wash out
- Retention of granular biomass
- Washout of anaerobic bio-mass
- Upflow anaerobic sludge blankets

Benefits:

BioRelease reduces the surface tension of wastewater at the contact angle of anaerobic biomass, allowing for the detachment of gas bubbles and avoiding “washout” of the anaerobic biomass.

How It Works:

- The biochemical make up of BioRelease 100 is metabolized by anaerobic bacteria, which will promote additional biomass growth.
- The product “releases” gas bubbles from the surface of the anaerobic biomass, improving the settling of waste solids and the retention of biomasses within the anaerobic process.

Physical Properties and Packaging:

- Opaque liquid
- 275 Gallon IBC Tote Bins (One-Way)
- 2,000 cps @ 50 °F

Material Compatibility:

Materials To Avoid: Carbon Steel could cause iron contamination.

Recommended Materials: Polyethylene, Teflon, PVC, CPVC, 304SS, 316SS, Alloys of higher nickel, chrome and molybdenum content are also acceptable.

Safety and Handling:

Ensure product is stored above freezing temperatures (32°F). Handle according to safety instructions on MSDS sheet. Always wear gloves and eye protection when handling product.

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