

MICROCARB™

AS A BACTERIAL FOOD SUPPLEMENT



At times, the bacteria in your wastewater treatment system may experience a shortage of food. Perhaps an outage is scheduled, or one occurs unexpectedly where food is dramatically limited or cut off to the bacterial system. If your plant runs campaigns, you may find yourself without a food source for your bacteria during turnarounds. Without food, the bacterial population or biomass quickly deteriorates, causing severe treatment issues upon start up.

To maintain your biomass, food is an essential component, for without it the biomass will begin to die off. When sufficient food levels are not sent to the wastewater treatment plant to maintain a healthy biomass, the addition of a supplemental food source becomes a necessity. While this isn't a typical problem a wastewater treatment plant experiences, it can happen and being prepared to maintain the biological system until normal production resumes becomes the focus.

As a food source supplement, MicroCarb provides an easy, safe option that can be stored on site. MicroCarb is a glycerin-based food source that can be delivered to your plant in totes or by the trailer load. The cost is reasonable, and MicroCarb is much easier to handle than other food sources. It is easier to feed than molasses due to its lower viscosity, more readily available than bags of sugar, pumpable unlike solid options such as dog food, and safer to store and feed than methanol. Additionally, manufacturing plants that perform biological nutrient removal (BNR) may rely on a supplemental food source fed on a regular basis to complete the removal of nutrients from the system before discharge. MicroCarb is an excellent choice for this application.



For these unique applications and all your wastewater treatment needs, EBS can provide technical expertise and guidance for your outage plan. Please contact EBS for further information at (985) 674-0660 or at info@ebsbiowizard.com.



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