

HydroCarrier™ ES

Technical Data Sheet

HydroCarrier™ ES is a naturally occurring mineral with unique characteristics to promote bacterial growth.

Helps with:

- Wastewater toxicity
- Loss of nitrification
- Biomass retention
- Nitrobactor/Nitrosonomas
- Ammonium removal
- Adding a micro carrier

Benefits:

The surface area available for bacterial activity is exponentially increased by hundreds of thousands of square feet for each cubic foot of material added to the waste water. Nitrification is increased as the charge of Hydro Carrier attracts ammonium, where it is absorbed by your increasing bacteria count.

How It Works:

- The naturally charged mineral improves the settle ability of mixed liquor by coating as a ballasting agent.
- The indigenous wastewater bacteria will colonize the HydroCarrier™ ES and bring about a mixed liquor with improved settling characteristics.
- Reduced sludge bed depth in clarifiers and reducing of the “wash out” of suspended solids.
- Reduced impact of filamentous bacteria, bulk sludge and slow settling activated sludge.

Physical Properties and Packaging:

- Dry mineral
- Light beige to pale green
- Provided in 2,000lb super sacks or in 50lb bags

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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hydrosolutions.com or 888-734-9376

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