

HydroCarrier™ EN

Technical Data Sheet

Hydro Carrier™ EN is a naturally occurring mineral with a cation exchange capacity specific for ammonium.

Helps with:

- Wastewater toxicity
- Loss of nitrification
- Biomass retention
- Nitrobactor/Nitrosonomas
- Ammonium removal

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 HydroCarrier™ attracts ammonium into its core, where it is consumed by high concentrations of nitrifying bacteria.

How It Works:

- Stays dispersed in actively mixed waste water, enmeshes into floc to provide surface area for the colonization of nitrifying bacteria.
- Attracts ammonia nitrogen into its catacomb interior, and micro nutrients that stimulate the growth of nitrifying bacteria on its surface.
- Creates high density bacteria colonies on surface areas, improves settling in clarifier, and reduces toxicity to nitrifying bacteria.
- Increases system ammonia nitrogen load capacity and has a balancing effect for ammonia nitrogen influent spikes.

Physical Properties and Packaging:

- Dry flowing powder and small granules
- Light beige to off white
- Provided in 2000lb super sacks

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Safety and Handling:

Avoid breathing dust. Store in a cool dry area where material will not get wet. Wet material makes application difficult. Keep out of sun, packaging is not UV protected. Handle according to safety instructions on MSDS sheet.



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