AquaPure™ Bio 140-AN

Anaerobic Wastewater Treatment Microbial Aid

Aquapure Bio 140-AN is a blend of facultative microorganisms and biochemical accelerators formulated for use in optimizing anaerobic reactors, digesters and lagoons that treat industrial and municipal wastewater. Aquapure Bio 140-AN is designed to enhance microbial diversity along with promoting vigorous microbial activity, thereby optimization the anaerobic treatment processes of; Hydrolysis, Acidogenosis, Acetogenisis, and ultimately Methanogenesis. The bacteria in this product produce multiple types of enzymes that allow for the effective biodegradation of proteins, fats and a wide variety of carbohydrates, in addition to enhancing digestion rates. This action allows for more consistent and balanced treatment performance with less upsets. Use of Aquapure Bio 140-AN will increase biological activity and increase clarity of the supernate.

Features & Benefits

- Rapid upset recovery and startup
- Optimize performance (BOD, TSS removal, Effluent Turbidity)
- Increase BioGas (methane) generation,
- Enhance supernatant clarity
- Reduce offensive odor emission
- Enhance digestion rate
- Expand and optimize overall system performance while maintaining quality

Physical Data

Product	Dormant bacterial cultures
Form	Dry, free-flowing powder
Color	Beige to light brown
Viability	Minimum 4 billion CFU/g

Typical Applications

- Municipal and Industrial Wastewater Treatment Anaerobic Units
- Anaerobic Reactors
- UASB Reactors
- Lagoons
- Digester

Operating Conditions

Aquapure Bio 140-AN may be added to a pre-anaerobic unit mix tank or directly to the digester, reactor or lagoon.

Consult your Hubbard Hall technical representative for dosage recommendations.

Caution

DO NOT FREEZE. Store product in a dry place between 10°-40°C. If product becomes wet, it must be used immediately.

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136].