Aquapure™ Bio 50 C

Microbial Wastewater Treatment Biomass Aid
Patented Low Water Temperature Adapted Microbes

Aquapure Bio 50 C is a blend of naturally occurring, non-altered, patented psychrophilic microorganisms (cold water adapted) and growth stimulants formulated to efficiently degrade carbohydrates, proteins and Fats, Oils and Grease (FOG). The bacteria in Aquapure Bio 50 C produce multiple types of enzymes such as Protease, Amylase, Esterase, Urease, Cellulase, Xylanase, and Lipase to break down waste products associated with meat processing, dairies, vegetable & fruit processing and carbohydrate processing facilities. Aquapure Bio 50 C contains aerobic as well as facultative bacteria to work in anoxic conditions. Use of Aquapure Bio 50 C will increase biological activity, improve biomass flocculation and enhance nitrogen and phosphorous removal at wastewater temperatures below 59°F (15°C).

Typical Applications

- Rendering plants, Breweries,
- Fruit and vegetable processing ,
- Joint Municipal/Industrial WWTP
- Food Processing & Beverage Industries

Features & Benefits

- Seasonal Wastewater Treatment Plant optimization and compliance
- Rapid Wastewater Treatment Plant restart-up
- Upset recovery

Physical Data

Product	Dormant bacterial cultures and micronutrients
Viability	Minimum 4 billion CFU/g
Form	A dry, free flowing powder
Color	Beige to light brown

Operating Conditions

Aquapure Bio 50C may be added directly to aeration tank, lagoon, or oxidation ditch. For trickling filters, it is best to prehydrate product by adding 2 lbs. per 1 gallon of 20-30º C non-chlorinated water. Allow solution to stand for 30 – 60 minutes before adding to trickling filter.

Do not use where high levels of toxic metals such as zinc, chrome, mercury, are known to exist.

AVAILABILITY
Aquapure Bio 50C is available in 25 lb. plastic pails and may be packaged in one-pound water-soluble packs. It is also available in 100 lb. fiber drums in bulk form.

Caution

Store product in a dry place between 21°-27° C (70°-80.6°F). If product becomes wet, it must be used immediately. DO NOT FREEZE.

Persons allergic to dust should employ nose and mouth protection when handling this product. In the event of direct contact with the eyes or skin, flush the affected area with water.

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].